

Commercial and Institutional Specialty Plumbing Supplies

www.acsparts.net

ATLANTIC COASTAL SUPPLY INC.

TENTH EDITION
GENERAL INDEX

INTRODUCTION

1 BATHWARE AND RELATED ITEMS

2 FAUCET REPAIR PARTS, AERATORS, HANDLES, STEMS, ETC.

3 FAUCETS AND COMPLETE FIXTURES (RESIDENTIAL AND COMMERCIAL)

4 FLUSH VALVES, BEDPAN WASHERS AND REPAIR PARTS

5 COMMON REPAIR PARTS: PLUMBING, ELECTRICAL, APPLIANCES, MISC.

6 TOOLS, CHEMICALS, CAULK, DRILL BITS

7 TOILET/URINAL REPAIR

8 SUPPLY AND WASTE

9 HARDWARE: FASTENERS, DOOR, WINDOW, DRAPERY, ETC.

10 REPAIR PARTS BY MANUFACTURER

11 PUMP AND WATER HEATER REPAIR

12 BUBBLER/HYDRANTS AND RELATED REPAIR PARTS

INDEX: ITEM NUMBER

INDEX: ALPHABETICAL

We are set up to cross reference and research any manufacturer or distributor part number.

This enables us to supply any plumbing, heating or industrial specialty item you require. Thank you! We accept all major credit cards.

WE STOCK OVER 15,000 ITEMS! IF YOU DON'T SEE WHAT YOU NEED PLEASE CALL, WE CAN HELP!

This catalog may not be reproduced in whole or part without written consent from Atlantic Coastal Supply, Inc.

ACSPARTS.NET **PHONE** 800.520.0556 **FAX** 800.204.5630 **EMAIL** SALES@ATLANTICCOASTALSUPPLY.COM





Atlantic Coastal Supply is a commercial and institutional specialty plumbing parts distributor, established in 1996 by John H. Meeks, Sr. and Anne Meeks in Greenville, North Carolina. ACS has been in continuous operation at its current location and has enjoyed steady growth through the years. ACS has been a family owned and operated business since its inception and that tradition continues today. Atlantic Coastal Supply is currently owned and operated by John H. Meeks, Jr. and Lea Meeks-Blinson.

ACS currently has field sales representatives covering eight states. ACS's success has been a result of dedicated, loyal and well trained professionals, in the field and in the ACS headquarters. Our service is outstanding in the field and is what sets us apart from other companies. ACS associates are dedicated to solving your complex plumbing and maintenance issues. Our experienced employees are always available to you and committed to providing excellent service and solutions!

We appreciate your business, and the trust you place in us to help you find tailored solutions for all of your plumbing and maintenance issues!

Thank you again for allowing us to serve you!
ACS

MANUFACTURERS AND PRODUCT LINES

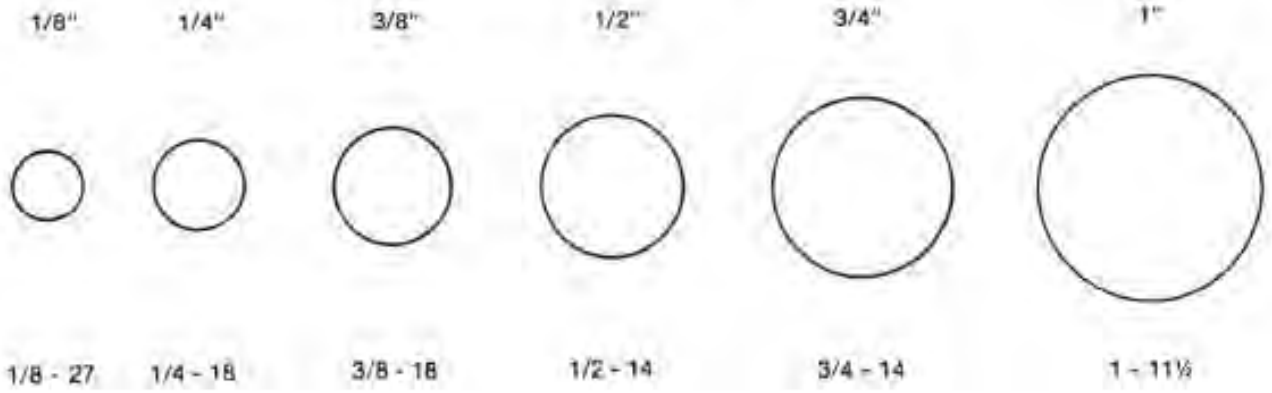
Advance Tabco
Alsons
American Standard
Armstrong Pumps-Traps
American Specialties (ASI)
Apollo
B&K Faucets
Bell & Gossett
Belvedere/Jeffco
Bemis toilet seats
Beneke toilet seats
Bobrick
Bradley
Brass Craft
Briggs/Case
Cambridge Brass/Delta
Case/Briggs
Cash Acme
Ceco Sinks
Centoco toilet seats
Central Brass
Chicago Faucet
Component Hardware
Conbraco
Continental
Coyne & Delany
Crane/Repcal/Fiat
Danfoss
Delany Flush Valves
Delta/Delex/Cambridge Brass/Teck
Dormont
Ebco/Oasis
Eljer
Elkay
ENCON Eyewash
Fiat/Crane/Repcal
Fisher
Franklin Brass
Gamco bathroom accessories
General Wire Spring Co. sewer machines
Gerber
Guardian Eye Wash
Halsey Taylor
Harcraft
Haws
Hiney Hiders
Holby Valve
Hydrotech
Intersan
Josam
J.R. Smith
Klein/Standard-Keil waste products
Kohler
Lavelle rubber specialties
Lawler
Leonard
Lochinvar
Logan
Mansfield
Marco sewer machines
Metcraft
Michigan Brass
Milwaukee Faucet
Mixet
Moen
Murdock
Nibco
Oasis/Ebco
Olderman Brass
Peerless
Perlick
Powers Regulators
Price Pfister
Real-Tite
Repcal/Crane
Rigid
Royal Brass
Savoy
Sayco
Scranton Products
Sloan
Speakman
Standard Keil/Klein
Sterling Streamway
Sunroc
Symmons
Taco
Toto Valves
T&S Brass fixtures
Tunstall steam traps
Union Brass
Universal Rundle
Valley
Viega/Propress
WaterSaver Faucet
Watts
Whitehall
Willoughby
Woodford hydrant products
Zurn

TECHNICAL DATA

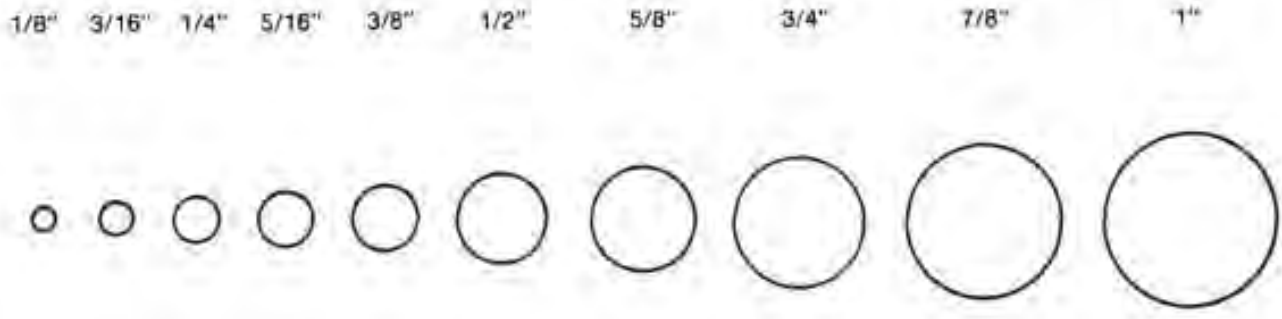
DECIMAL EQUIVALENTS

1/64	.0156	17/64	.2656	33/64	.5156	49/64	.7656
1/32	.0312	9/32	.2812	17/32	.5312	25/32	.7812
3/64	.0468	19/64	.2968	35/64	.5468	51/64	.7968
1/16	.0625	5/16	.3125	9/16	.5625	13/16	.8125
5/64	.0781	21/64	.3281	37/64	.5781	53/64	.8281
3/32	.0937	11/32	.3437	19/32	.5937	27/32	.8437
7/64	.1093	23/64	.3593	39/64	.6093	55/64	.8593
1/8	.125	3/8	.375	5/8	.625	7/8	.875
9/64	.1406	25/64	.3906	41/64	.6406	57/64	.8906
5/32	.1562	13/32	.4062	21/32	.6562	29/32	.9062
11/64	.1718	27/64	.4218	43/64	.6718	59/64	.9218
3/16	.1875	7/16	.4375	11/16	.6875	15/16	.9375
13/64	.2031	29/64	.4531	45/64	.7031	61/64	.9531
7/32	.2187	15/32	.4687	23/32	.7187	31/32	.9687
15/64	.2343	31/64	.4843	47/64	.7343	63/64	.9843
1/4	.25	1/2	.50	3/4	.75	1"	1.00

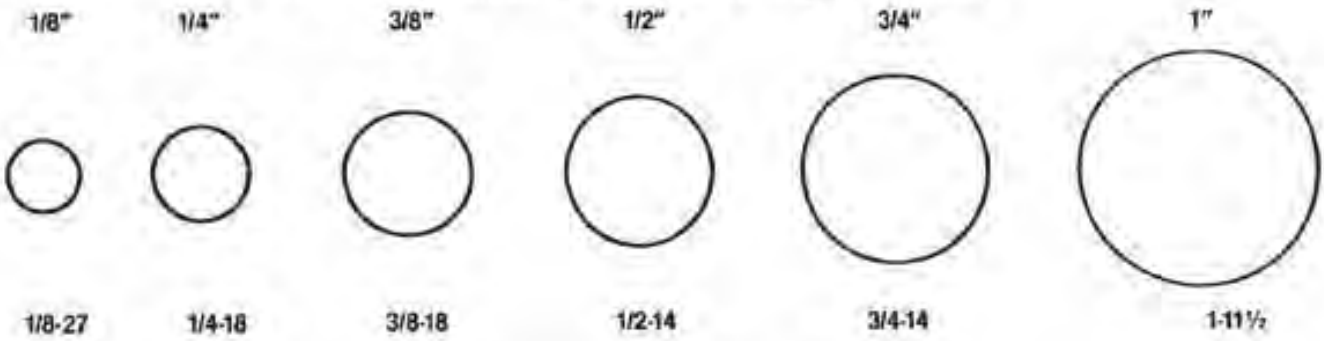
Actual Outside Diameters of Pipe Threads



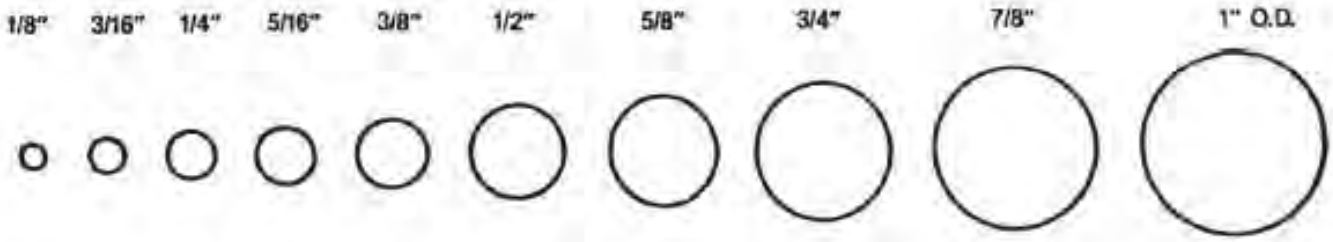
Actual Outside Diameters of Tubing



Actual Outside Diameters of Pipe Threads



Actual Outside Diameters of Tubing



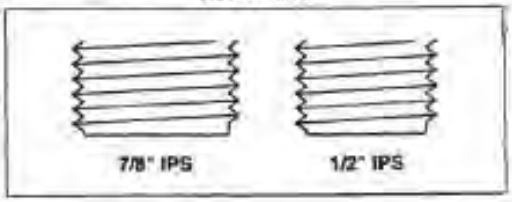
COPPER FITTINGS

DEFINITIONS:

C x M	-	Copper x Male IPS
C x F	-	Copper x Female IPS
C x C	-	Copper x Copper
C x Fig.	-	Copper x Fitting (Fitting is same size as copper tubing)
1/4" O.D.	-	Refrigeration tube (This is the **only** copper tubing measured in outside diameter)
1/4" I.D.	-	3/8" O.D.
3/8" I.D.	-	1/2" O.D.
1/2" I.D.	-	5/8" O.D.
3/4" I.D.	-	7/8" O.D.
1" I.D.	-	1-1/8" O.D.

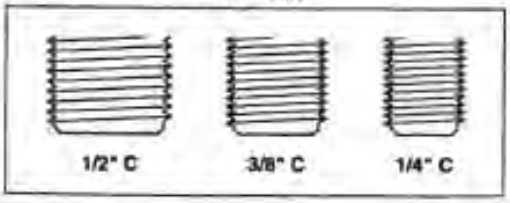
IPS Thread Sizing Guide

Actual Size



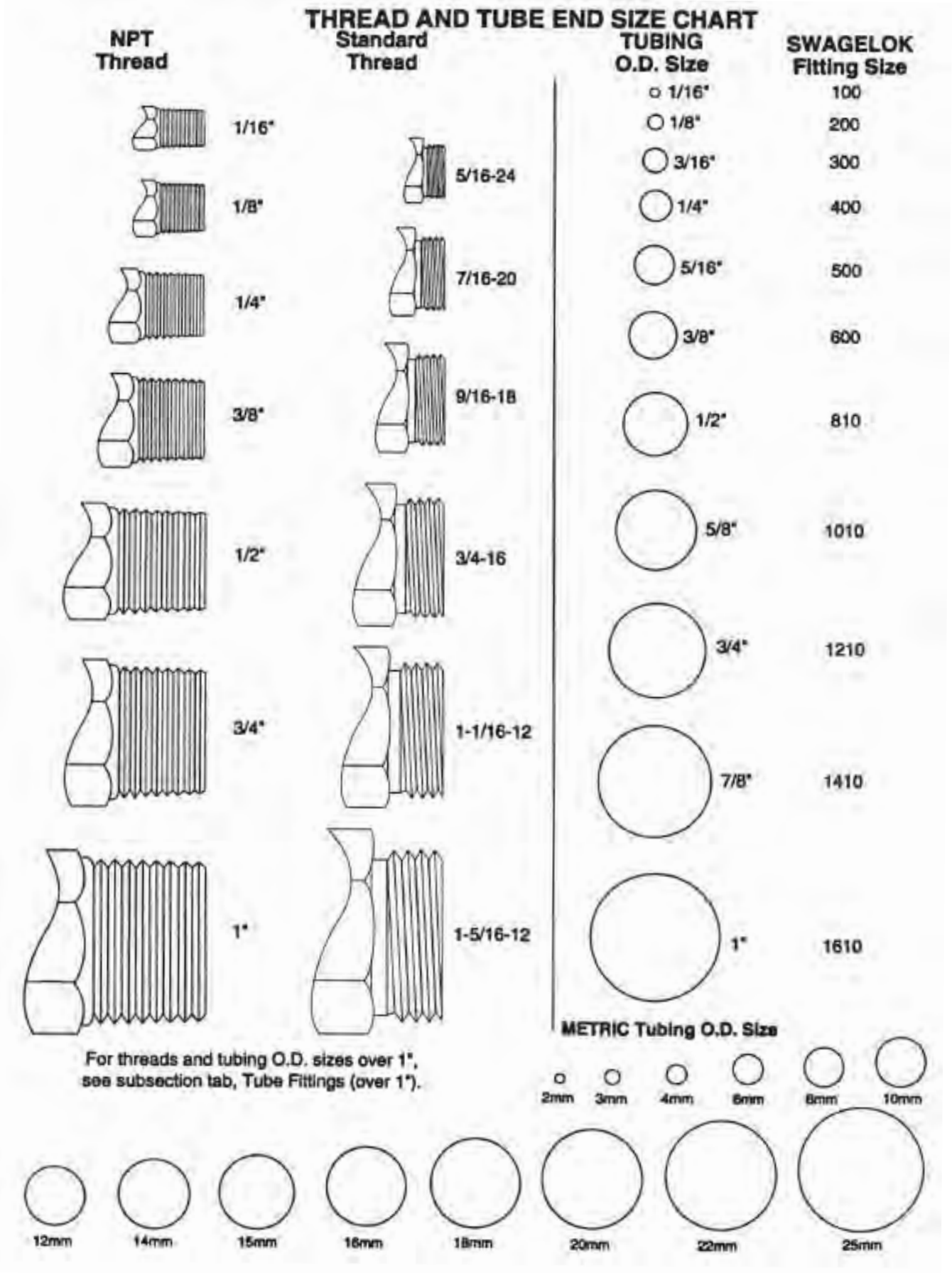
Compression Thread Sizing Guide

Actual Size



- Water Tubing is measured by inside diameter. Refrigeration Tubing is measured by outside diameter.
- Copper Sweat Fittings for Water Tubing are measured by inside diameter of corresponding tubing.
- Compression and Flare Fittings are ordered by outside diameter of corresponding water tubing.
- There is 1/8" difference between inside diameter and outside diameter of Water Tubing.

THREAD AND TUBE END SIZE CHART



SECTION 1

BATHWARE AND RELATED ITEMS







ATLANTIC COASTAL SUPPLY INC.

TOILET TISSUE HOLDERS



100430
DOUBLE TISSUE PAPER HOLDER CP VANDAL RESISTANT



940296
RECESSED TOILET PAPER HOLDER 5-1/4" X 5-1/4" ROUGH IN



001021
SURFACE MOUNTED EXTRA HEAVY DUTY TOILET TISSUE HOLDER VANDAL RESISTANT



500060
TISSUE PAPER HOLDER SET WITH EXPOSED SCREWS & WHITE PVC TISSUE ROLLER



100440
SINGLE TISSUE PAPER HOLDER CP WITH CONTROLLED DELIVERY



100445
DOUBLE TISSUE PAPER HOLDER CP WITH CONTROLLED DELIVERY

500420
TISSUE PAPER ROLLER WHITE PVC SPRING ACTION (FITS MOST) 3/8" STEPPED ENDS



500064
TISSUE PAPER ROLLER CP PVC SPRING ACTION (FITS MOST) 5/8" ROUND ENDS



500421
TISSUE PAPER ROLLER CP METAL SPRING ACTION (FITS MOST) ROUND ENDS



500185
BOBRICK DOUBLE TISSUE PAPER DISPENSER W/O CONTROLLED DELIVERY



500325
BOBRICK SINGLE TISSUE PAPER DISPENSER W/O CONTROLLED DELIVERY



400230
SINGLE TISSUE PAPER HOLDER CP VANDAL RESISTANT

TOILET TISSUE HOLDERS



500572
AMERICAN SPECIALTIES TOILET TISSUE ROLLER BLACK PVC W/ METAL ENDS - LENGTH 5-3/8”



500571
AMERICAN SPECIALTIES TOILET TISSUE ROLLER GRAY PVC THEFT RESISTANT - LENGTH 6-1/4”



500592
BRADLEY REPLACEMENT TOILET PAPER SPINDLE WHITE PVC - LENGTH 5-3/8”



500065
TISSUE PAPER ROLLER WHITE PVC SPRING ACTION (FITS MOST) 5/8” ROUND ENDS



500190
BOBRICK THEFT RESISTANT TOILET PAPER SPINDLE BLACK PVC



500335
BOBRICK REPLACEMENT TOILET PAPER SPINDLE FOR POST 1972 DISPENSERS BLACK PVC - LENGTH 5-11/16”



500405
TISSUE PAPER HOLDER WITH CONCEALED SCREWS & WHITE PVC TISSUE ROLLER

NOTES: _____



500070
CHROME PLATED SOAP DISH WITH EXPOSED SCREWS



500415
CHROME PLATED SOAP DISH WITH CONCEALED SCREWS



500410
CHROME PLATED TOOTHBRUSH & TUMBLER HOLDER WITH CONCEALED SCREWS



500075
CHROME PLATED TOOTHBRUSH & TUMBLER HOLDER WITH EXPOSED SCREWS



500017
TOWEL BAR BRACKET CP 3/4" SET WITH CONCEALED SCREWS
940714
TOWEL BAR BRACKET CP 5/8" SET WITH CONCEALED SCREWS



500080
TOWEL BAR BRACKET CP 5/8" SET WITH EXPOSED SCREWS
500095
TOWEL BAR BRACKET CP 3/4" SET WITH EXPOSED SCREWS

TOWEL BAR



500089
3/4" X 18" CP ALUMINUM
940110
3/4" X 18" STAINLESS STEEL
940111
3/4" X 24" STAINLESS STEEL
500090
3/4" X 24" CP ALUMINUM
500003
3/4" X 36" CP ALUMINUM
500385
5/8" X 18" CP ALUMINUM
500085
5/8" X 24" CP ALUMINUM
500570
5/8" X 36" CP ALUMINUM

HARDWARE



500100
ADJUSTABLE SHOWER ROD FLANGES PAIR CP METAL



500554
REPLACEMENT RUBBER PADS FOR SHOWER ROD FLANGES



500005
1" X 5' CP ALUMINUM SHOWER ROD

940470
1" X 5' STAINLESS STEEL SHOWER ROD



500360
SHOWER ROD FLANGES, CP STEEL WITH EXPOSED SCREWS FOR 1" SHOWER RODS

940466
SHOWER ROD FLANGES, STAINLESS STEEL WITH EXPOSED SCREWS FOR 1" SHOWER RODS



940817
SELF ADHESIVE NON-SLIP TUB SAFETY STRIPS 3/4" X 18" WHITE PACK OF 6



940355
DOUBLE ROBE HOOK W/ CONCEALED SCREW



500425
BOBRICK SURFACE MOUNTED SANITARY NAPKIN DISPOSAL STAINLESS STEEL



948016
WHITE COMBO PAPER TOWEL DISPENSER FOR C & MULTI-FOLD 11-1/4"X4-1/16"X15-3/8"



500180
BOBRICK SURFACE MOUNT TOWEL DISPENSER SS FOR C-FOLD & MULTI-FOLD



500430
BOBRICK SURFACE MOUNT PAPER TOWEL DISPENSER SS FOR C-FOLD & MULTI-FOLD



504003
PINNACLE TOUCHLESS HAND DRYER SURFACE MOUNT SS VANDAL RESISTANT



507548
XLERATOR HAND DRYER SURFACE MOUNT BRUSHED STAINLESS STEEL



943158
STIEBEL WHITE HAND DRYER

STAINLESS STEEL GRAB BAR



942103
1-1/2" X 12" SATIN FINISH W/ CONCEALED SCREWS 18 GAUGE
942102
1-1/2" X 18" SATIN FINISH W/ CONCEALED SCREWS 18 GAUGE
942100
1-1/2" X 24" SATIN FINISH W/ CONCEALED SCREWS 18 GAUGE
940680
1-1/2" X 36" SATIN FINISH W/ CONCEALED SCREWS 18 GAUGE
942156
1-1/2" X 48" SATIN FINISH W/ CONCEALED SCREWS 18 GAUGE
941705
1-1/4" X 12" SATIN FINISH W/ CONCEALED SCREWS 18 GAUGE
941704
1-1/4" X 18" SATIN FINISH W/ CONCEALED SCREWS 18 GAUGE



107620
MOEN HOME CARE SECUREMOUNT ANCHOR



008172
SECURITY GRAB BAR SUICIDE PREVENTION 24"
008175
SECURITY GRAB BAR SUICIDE PREVENTION 36"
008176
SECURITY GRAB BAR SUICIDE PREVENTION 42"



505130
5' SHOWER WATER DAM
505131
6' SHOWER WATER DAM



941101
BOBRICK MIRROR W/ SS CHANNEL FRAME
18" X 36" (Other sizes avail-up to 20"x60")



102225
CELL MIRRORS STAINLESS STEEL HIGHLY POLISHED #8 FINISH 9-1/2" W X 11-1/4" H
008174
CELL MIRRORS STAINLESS STEEL HIGHLY POLISHED #8 FINISH 11-1/4" W X 17-1/4" H



940640
COMPLETE KIT W/ 1 P-TRAP COVER, 2 ANGLE VALVES & SUPPLY COVERS



500422
HANDICAP TOILET SEAT BAR 1" DIAMETER
10" HIGH, 20" WIDE, 17 1/2" DEEP



504770
SURFACE MOUNTED FOLDING SHOWER SEAT SOLID PHENOLIC. 18" WIDE,
3 1/2" DEEP, WALL PROJECTION 15"



ATLANTIC COASTAL SUPPLY INC.
ACSPARTS.NET (800) 520 - 0556

000820
WHITE LAV SHIELD, UNDERSINK PROTECTIVE ENCLOSURE



402950
CHROME PLATED LOTION AND SOAP DISPENSER W/ BRASS PUMP 7 OZ CAPACITY



940535
CONTINENTAL HORIZONTAL SOAP DISPENSER 40 OZ CAPACITY SS



940540
CONTINENTAL VERTICAL SOAP DISPENSER 40 OZ CAPACITY SS



940544
BOBRICK VERTICAL SOAP DISPENSER 40 OZ CAPACITY SS



949000
AMERICAN SPECIALTIES LAVATORY BASIN SOAP DISPENSER 20 oz W/ 4” SPOUT, 4” SHANK



804453
AMERICAN SPECIALTIES LAVATORY BASIN SOAP DISPENSER 20 oz W/ 6” SPOUT, 4” SHANK



500310
BOBRICK MANUAL SOAP DISPENSER 20 OZ W/ 4” SPOUT



500365
BOBRICK MANUAL SOAP DISPENSER 20 OZ W/ 6” SPOUT



500315
BOBRICK SURFACE MOUNTED SOAP DISPENSER 40 OZ 6-7/8” H X 5-13/16” W

NOTES:

SECTION 2

RESIDENTIAL FAUCET REPAIR PARTS, AERATORS, HANDLES, SEATS, STEMS AND MISCELLANEOUS SMALL PARTS







ATLANTIC COASTAL SUPPLY INC.

FAUCET REPAIR KITS



804218
ACS LARGE MASTER O-RING KIT
450 PIECES OF THE 46 MOST COMMONLY USED O-RINGS



805906
144 PIECE FAUCET SEAT KIT W/ 36 DIFFERENT PARTS



800080
SMALL O-RING KIT 12 SIZES 200 PIECES



800840
CAP GASKET KIT 12 SIZES 150 PIECES



800021
STEM PACKING ASSORTMENT 33 SIZES 300 PIECES



801001
BRASS BIBB RETAINER KIT 8 SIZES 120 PIECES



800084
TEFLON WASHER KIT 8 SIZES 144 PIECES

800087
FLAT WASHER KIT 9 SIZES 307 PIECES (pictured)

800086
FLAT & BEVELED BIBB WASHER KIT 12 SIZES 200 PIECES

807931
BEVELED WASHER REPAIR KIT



800020
HANDLE SCREW KIT 12 SIZES 300 PIECES

805760
BRASS BIBB SCREW KIT 4 SIZES 180 PIECES

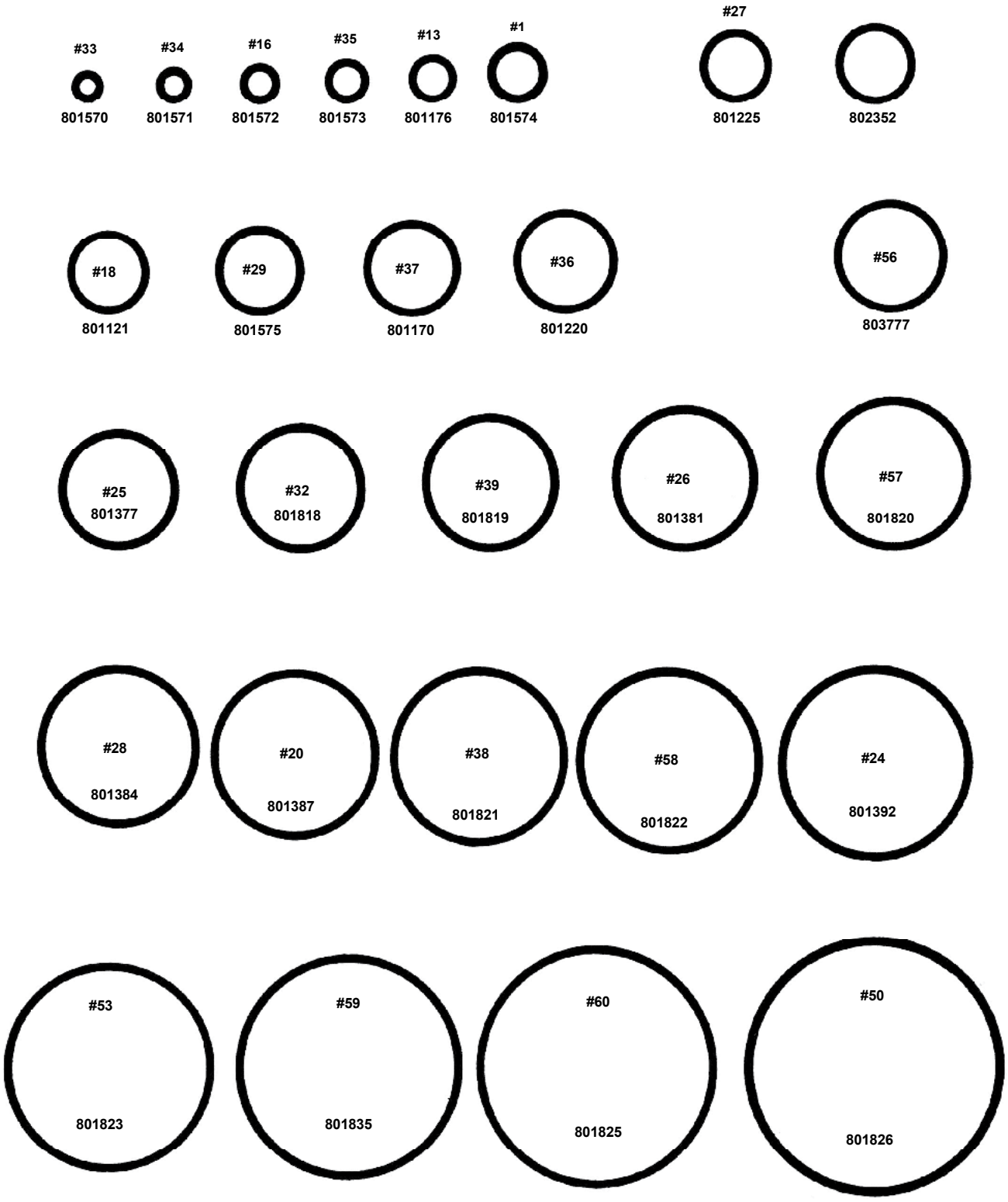


200490
O-RING PICK

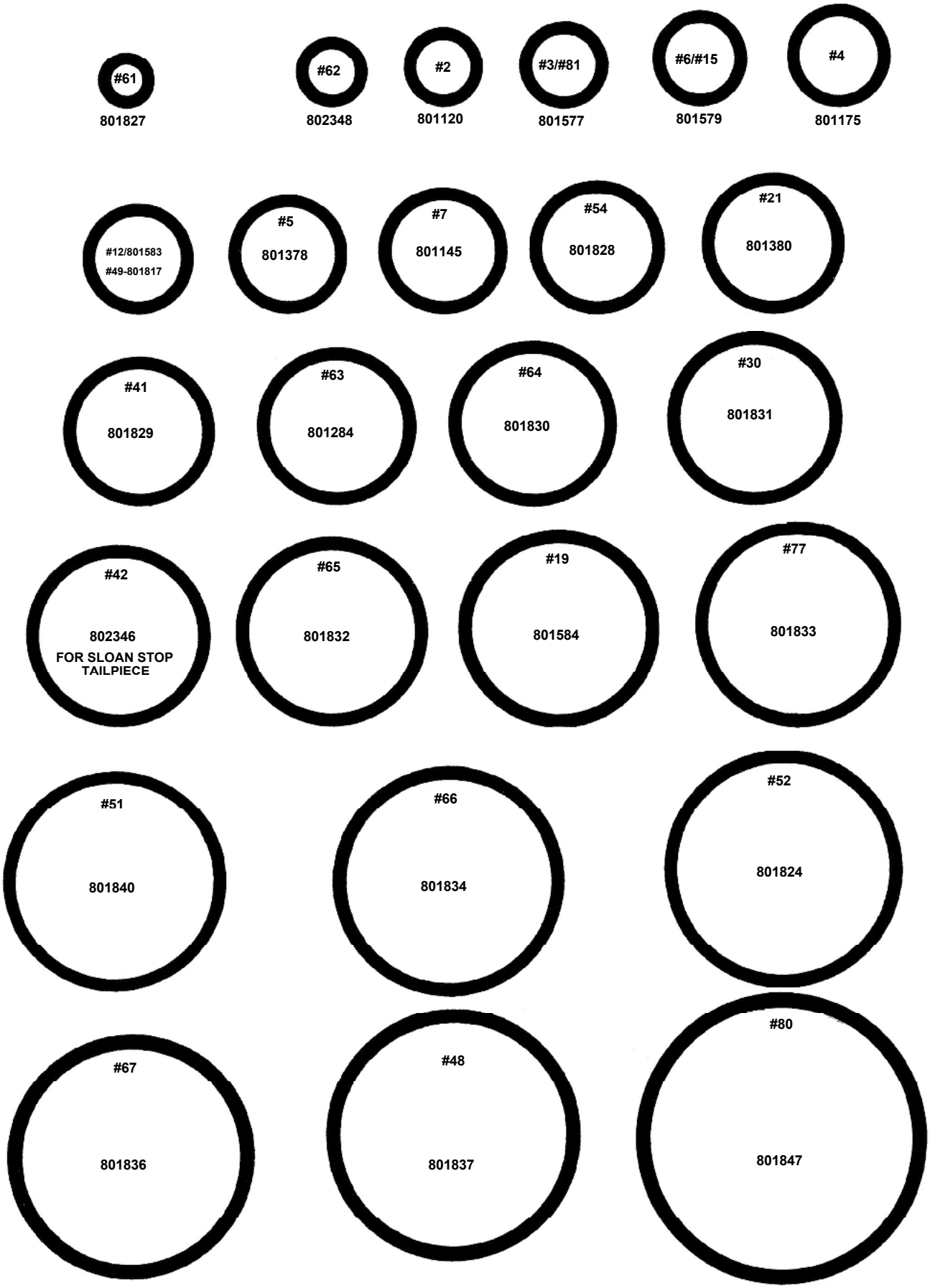


802099
ACS SLIP JOINT WASHER KIT

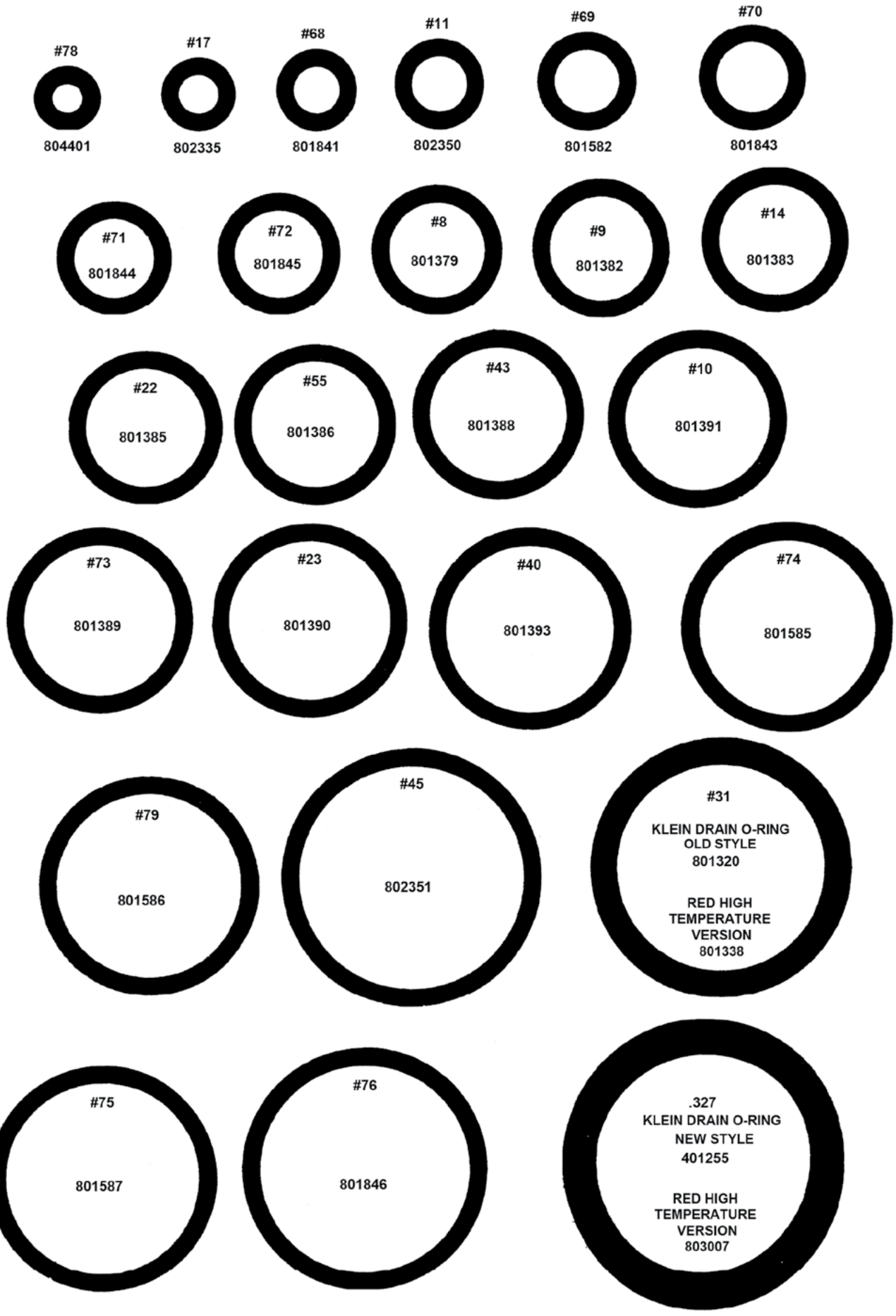
THIN O-RINGS


#33
801570
#34
801571
#16
801572
#35
801573
#13
801176
#1
801574
#27
801225
802352
#18
801121
#29
801575
#37
801170
#36
801220
#56
803777
#25
801377
#32
801818
#39
801819
#26
801381
#57
801820
#28
801384
#20
801387
#38
801821
#58
801822
#24
801392
#53
801823
#59
801835
#60
801825
#50
801826

MEDIUM O-RINGS



THICK O-RINGS



ASSORTED COMPRESSION WASHERS



1/2"L	801528-FLAT
	801535-BEV



1/2"	801527-FLAT
	801534-BEV



3/8"L	801526-FLAT
	801533-BEV



3/8"M	801525-FLAT
	801532-BEV



3/8"	800045-FLAT
	801531-BEV



1/4"L	800820-FLAT
	801530-BEV



1/4"	800040-FLAT
	801376-BEV



1/4"S "O"	800035-FLAT
	801529-BEV



1/2" "OO"	800050-FLAT
	801375-BEV



1/8"	804061-FLAT



1"	804960-FLAT
	BEV-SEE BELOW



1"	FLAT-SEE ABOVE
	801444-BEV



3/4"	804958-FLAT
	BEV-SEE BELOW



3/4"	FLAT-SEE ABOVE
	801970-BEV



5/8"L	801479-FLAT
	801480-BEV



5/8"	804955-FLAT
	801481-BEV

FAUCET REPAIR PARTS



808921
MOEN HANDLE ADAPTER KIT FOR MONTICELLO CENTERSET, MINI WIDESPREAD, & ROMAN TUB



808084
SPEAKMAN BUSHING REPAIR KIT FOR SINGLE LEVER HANDLE WITH ALLEN SET SCREW



807265
SPEAKMAN HANDLE BUSHING



804655
7/8" X 10-32 EXTRA LONG HANDLE SCREW FOR USE WITH BRASS/CELCON HANDLE INSERTS & "FIT ALL" METAL HANDLES



803510
2-1/8" X 10-24 OVAL HEAD HANDLE SCREW FOR KOHLER

802075
3/4" X 10-24 OVAL HEAD HANDLE SCREW

806123
5/8" X 10-24 OVAL HEAD HANDLE SCREW FOR PRICE PFISTER



802225
3/8" X 8-32 TRUSS HEAD HANDLE SCREW



800125
AMER.STANDARD AQUASEAL WASHER, LARGE (MOST COMMON)

803350
AMER. STANDARD AQUASEAL WASHER, SMALL



805931
CHICAGO FAUCET WASHER, SOFT BLACK, OEM

801940
MEDIUM, GRAY WASHER FOR CHICAGO FAUCET

801984
HARD BLACK WASHER FOR CHICAGO FAUCET

805932
CHICAGO FAUCET WASHER, SEMI-SOFT BLACK, OEM



800136
PRICE PFISTER RUBBER SNAP-IN WASHER OEM



802273
PACKING 13/32 ID X 3/4 OD X 5/16

802272
PACKING 3/8 ID X 13/16 OD X 3/8

802271
PACKING 17/32 ID X 7/8 OD X 1/4

407945
PACKING 7/16 ID X 7/8 OD X 1/4

FAUCET WASHERS & RENEW SEATS



920143
ZURN RED SEAT WASHER FOR AQUA SPEC



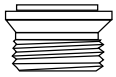


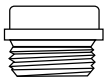
801360
OO FLAT TEFLON WASHER WITH MEMORY
801361
O FLAT TEFLON WASHER WITH MEMORY
801363
1/4 FLAT TEFLON WASHER WITH MEMORY
805072
1/4L FLAT TEFLON WASHER WITH MEMORY
805073
3/8 FLAT TEFLON WASHER WITH MEMORY
805074
3/8M FLAT TEFLON WASHER WITH MEMORY
801362
3/8L FLAT TEFLON WASHER WITH MEMORY



200015
FAUCET SEAT GAUGE

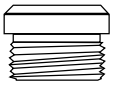
800060
DIAL-ESE BLACK MEDIUM SOFT NEOPRENE FOR CRANE
801070
DIAL-ESE BLACK HARD NEOPRENE FOR CRANE
001065
DIAL-ESE HARD BROWN FIBER FOR CRANE

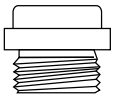
808003
AMERICAN STANDARD

24
35/64 x 3/8

807747
KOHLER

27
1/2 x 25/64

808073
KOHLER

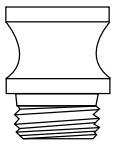
27
5/8 x 25/64

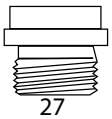
S-1091A
DEARBORN

27
9/16 x 7/16

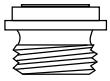
800170
CENTRAL BRASS

24
1/2 x 3/4

808069
BRIGGS

20
9/16 x 3/8

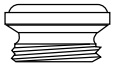
808070
BRIGGS

20
1/2 X 3/4

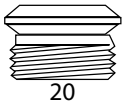
808071
ELJER

27
1/2 x 1/2

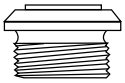
800760
AMERICAN STANDARD
803200
ELJER

20
1/2 x 3/8

800160
AMERICAN STANDARD

20
1/2 x 7/16

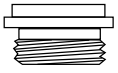
803720
AMERICAN STANDARD

20
35/64 x 5/16

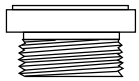
800149
TRACY

20
5/8 x 7/16

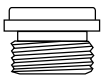
808072
SPEAKMAN

28
9/16 x 3/8

S-1092
CRANE

22
43/64 x 27/64

S-1093
BURLINGTON

24
17/32 x 23/64

S-1094
SPEAKMAN

24
5/8 x 7/16

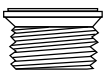
800165

24
1/2 x 3/8

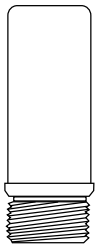
805833
EMPIRE

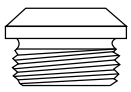
24
1/2 x 11/32

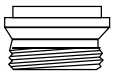
800145
AMERICAN STANDARD

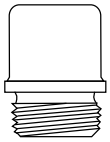
24
7/16 x 13/32

S-2004
ELJER

20
1/2 x 11/32

S-2006
EMPIRE

24
1/2 x 1-1/4

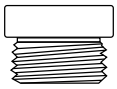
800180
GERBER

20
5/8 x 7/16

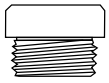
S-2005

24
9/16 x 3/8

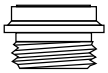
S-2009
MILWAUKEE

27
1/2 x 23/32

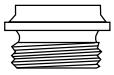
808074
BRIGGS

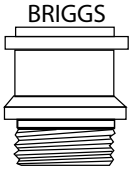
24
1/2 x 15/32

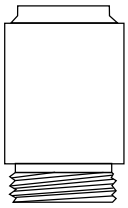
S-2011
CRANE
SAVOY
SAYCO

20
35/64 x 7/16

804006
CRANE

20
1/2 x 11/32

804670
PRICE PFISTER
SAYCO
800155

20
1/2 x 3/8

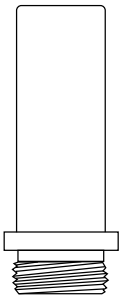
800148
UNIVERSAL

24
17/32 x 3/8

S-2018
BRIGGS

20
5/8 x 27/32

S-2019
GERBER

20
5/8 x 1-1/8

802530 - BRASS
802269 - MONEL

20
9/16 x 3/8

S-2021
INDIANA BRASS

27
9/16 x 1-5/8

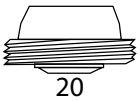
BRASS RENEW SEATS

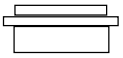
804665
WOLVERINE

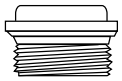
24
1/2 x 3/8

801709
AMERICAN STANDARD

18
17/32 x 3/8

800141
HARCRAFT

20
3/4 x 3/8

S-2024
REPCAL

NO THREAD
5/8 x 1/4

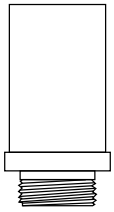
801605
CRANE

18
9/16 x 3/8

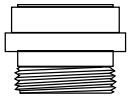
800147
SPEAKMEN

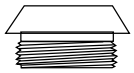
27
7/16 x 11/32

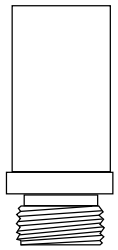
S-2027
CRANE
UNIVERSAL

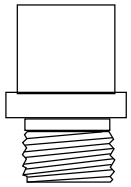
18
1/2 x 5/16

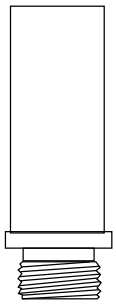
S-2028
UNION BRASS

18
1/2 x 1-5/32

S-2029
UNION BRASS

18
5/8 x 15/32

800185
PRICE PFISTER

18
21/32 x 3/8

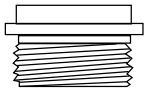
804026
ELJER

27
1/2 x 1-9/32

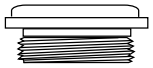
S-2032
ELJER

27
35/64 x 15/16

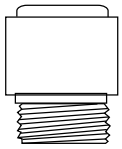
805729
ELJER

27
1/2 x 1-19/32

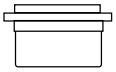
801605
CRANE

22
9/16 x 13/32

S-2035
CRANE

24
11/16 x 15/32

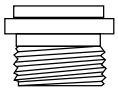
S-2036
CRANE
SPEAKMAN

24
11/16 x 11/32

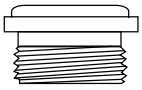
S-2037
CRANE

18
9/16 x 3/4

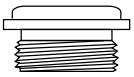
807607

NO THREAD
9/16 x 11/32

S-2038
CRANE
ELJER
PRICE PFISTER

20
1/2 x 5/16

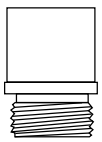
808069
BRIGGS

24
9/16 x 7/16

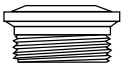
S-2040
BRIGGS

20
5/8 x 7/16

S-2041
WOLVERINE

24
19/32 x 25/64

803530
KOHLER

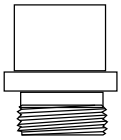
27
5/8 x 3/8

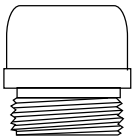
804045
SAYCO

20
1/2 x 3/4

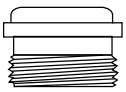
801115
UNION BRASS

18
5/8 x 5/16

802163
CENTRAL BRASS

27
9/16 x 13/32

S-2047
CENTRAL BRASS

24
1/2 x 47/64

S-2048
CENTRAL BRASS

24
5/8 x 23/32

S-2049
CENTRAL BRASS

24
39/64 x 27/64

AERATORS & ADAPTERS



406994
15/16 DUAL THREAD AERATOR WITH WIRE SCREEN 2.2 GPM



407185
15/16 DUAL THREAD AERATOR WITH RED PERLATOR INSERT 2.2 GPM



400185
15/16 DUAL THREAD AERATOR WITH PLASTIC SCREEN 2.2 GPM



400510
13/16 MALE THREAD AERATOR WITH WIRE SCREEN 2.0 GPM QTY EACH OR TUBE OF 10



400515
3/4 X 27 FEMALE THREADED AERATOR WITH RED PERLATOR INSERT 2.2 GPM AVAILABLE AS EACH OR TUBE OF 6



404440
15/16 DUAL THREAD SLOTTED AERATOR 2.5 GPM AVAILABLE AS EACH OR TUBE OF 6



402050
55/64 - 27 FEMALE THREAD AERATOR WITH WIRE SCREEN 4.5 GPM



408234
15/16 DUAL THREAD VANDAL PROOF AERATOR 2.2 GPM WITH KEY



804789
13/16 MALE THREAD VANDAL PROOF AERATOR 2.2 GPM WITH KEY



801002
15/16 DUAL THREAD VANDAL PROOF AERATOR 1.5 GPM WITH KEY



804787
15/16 MALE THREAD VANDAL PROOF AERATOR 1.5 GPM WITH KEY



408259
NEOPERL VANDAL PROOF KEY FOR SMALL AND REGULAR AERATORS



804788
55/64 FEMALE THREAD VANDAL PROOF AERATOR 2.2 GPM WITH KEY

AERATORS & ADAPTERS



408233
13/16 MALE THREAD SLOTTED AERATOR 2.2 GPM



805070
T&S 55/64 FEMALE THREAD AERATOR 2.2 GPM



406996
T&S 3/8 NPSM MALE THREAD AERATOR 2.2 GPM



942565
13/16 MALE THREAD VANDAL PROOF AERATOR 0.5 GPM WITH KEY



942584
FLOW INSERT FOR PCA SPRAY STYLE AERATORS 0.5 GPM (PACK OF 50)

942577
FLOW INSERT FOR PCA SPRAY STYLE (single)AERATORS 0.5 GPM



401778
CHICAGO 13/16 FEMALE THREAD AERATOR 1.5 GPM



942563
13/16 MALE THREAD AERATOR 0.5 GPM



942562
15/16 MALE THREAD AERATOR 0.5 GPM



400917
15/16 DUAL THREAD AERATOR WITH LARGE SNAP FITTING



400916
15/16 DUAL THREAD AERATOR WITH SMALL SNAP FITTING



400918
LARGE SNAP CONNECTOR COUPLING X 3/4 MHT FOR USE WITH 400917



400915
SMALL SNAP CONNECTOR COUPLING X 3/4 MHT FOR USE WITH 400916

AERATORS & ADAPTERS



408254
FAUCET MOUNTED PUSH BUTTON SOAP PROPORTIONER



408253
FAUCET MOUNTED SLIDE VALVE ACTUATED SOAP PROPORTIONER



404710
15/16 X 55/64 MALE ADAPTER WITH WASHER



805531
T&S 3/8 MALE X 55/64 MALE ADAPTER WITH WASHER

406997
3/8 MALE X 55/64 MALE ADAPTER WITH WASHER (GENERIC)



801050
15/16 DUAL THREAD X 3/4 MHT ADAPTER

402750
13/16 DUAL THREAD X 3/4 MHT ADAPTER



404715
13/16-24 FEMALE X 55/64-27 MALE ADAPTER



801451
KOHLER 1/2 FIP MALE AERATOR ADAPTER

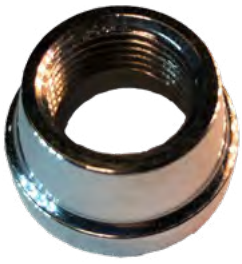
400953
1/2 FIP X 55/64 MALE AERATOR ADAPTER



801459
KOHLER 3/8 FIP X 13/16 FEMALE ADAPTER CP



408232
15/16 X 13/16 MALE ADAPTER FITS SPEAKMAN



805824
3/8 FIP X 55/64 FEMALE SPOUT ADAPTER FOR AMS



400955
5/8-24 MALE X 55/64 MALE AERATOR ADAPTER FITS ELJER FAUCETS



400956
3/4-27 FEMALE X 55/64 MALE AERATOR ADAPTER FOR KOHLER & PRICE PFISTER

AERATORS & ADAPTERS



408925
15/16 MALE DUAL THREAD X 55/64 FEMALE TOP WITH 3/4 MHT X 55/64 X 27 MALE BOTTOM



400954
3/8 FIP X 55/64 MALE AERATOR ADAPTER



400920
13/16 MALE X 55/64 MALE AERATOR ADAPTOR



804710
T&S 3/8 NPS MALE THREAD ROSE SPRAY BRASS1 1/4" DIAMETER FACE



801865
T&S 3/8 NPT MALE GAS HOSE COCK BALL VALVE (GAS-AIR-VAC)



803705
T&S 3/8 NPT MALE SERRATED NOZZLE WITH GASKET



001466
GUARDIAN FAUCET MOUNTED EYEWASH 3" WIDE W/ AERATOR ADAPTERS & PULL KNOB DIVERTER



003187
GUARDIAN FAUCET MOUNTED EYEWASH 5" WIDE W/ AERATOR ADAPTERS & PULL KNOB DIVERTER



400145
DELTA STYLE KITCHEN SPRAY ASSEMBLY W/ 4 FT HOSE & 1/4" FEMALE SWIVEL NUT



400142
BLACK KITCHEN SPRAY HEAD

402204
WHITE RINSE-QUIK SPRAY HEAD W/ CHROME RING



404450
ACS INSTITUTIONAL MASTER AERATOR ADAPTOR KIT



MISC. FAUCET HARDWARE



401168
1/2 FAUCET SHANK COUPLING NUT BRASS



400115
1/2 FAUCET SHANK LOCK NUT PASTIC (not pictured)

401193
1/2 FAUCET SHANK HEX LOCKNUT BRASS



805056
GERBER FAUCET STABILIZER 2" OD



400120
FAUCET SHANK COUPLING NUT PLASTIC



400135
FAUCET HOLE COVER 1-3/4 POLISHED STAINLESS STEEL

401513
FAUCET HOLE COVER 2" CHROME PLATED W/ PUTTY CUP



805042
FAUCET HOLE COVER SNAP-IN CHROME PLATED 1-1/2



400150
FAUCET TRIM GUIDE FOR SPRAY HOSE CHROME PLATED



401570
90 DEGREE SPLASHMOUNT FAUCET MOUNTING KIT



400110
FLAT BASIN ROSETTE



400105
DEEP BASIN STEEL ROSETTE 1-7/8 OD 7/8 ID 5/8 HEIGHT



803215
KOHLER ROUND DEEP ROSETTE



804875
PLASTIC FAUCET DIVERTER

807763
DELTA PLASTIC FAUCET DIVERTER



809664
KOHLER FAUCET DIVERTER



808147
GERBER FAUCET DIVERTER



808093
DELTA KITCHEN FAUCET DIVERTER

ATLANTIC COASTAL SUPPLY INC.
ACSPARTS.NET (800) 520 - 0556

ACORN REPAIR PARTS



002907
ACORN COLD STEM & HANDLE ASSY EXPOSED VALVE LOGAN 3-1/2
000819
ACORN HOT STEM & HANDLE ASSY EXPOSED VALVE LOGAN 3-1/2



805731
ACORN HOT STEM & HANDLE ASSY FOR BUILT-IN VALVE 6”
805732
ACORN COLD STEM & HANDLE ASSY FOR BUILT-IN VALVE 6”



805734
ACORN HOT STEM & HANDLE ASSY LOGAN VALVE 4-3/4
805735
ACORN COLD STEM & HANDLE ASSY LOGAN VALVE 4-3/4



807024
ACORN CROSS VALVE HANDLE



804978
HOT/COLD VALVE STEM FOR ACORN 6” 12 SPLINES



805100
HOT/COLD VALVE STEM FOR ACORN 3-1/2 12 SPLINES



807702
VALVE STEM FOR ACORN 2-1/2



807645
ACORN CARTRIDGE ASSY FLUID METERING W/O PUSH BUTTON 3-3/8
807596
ACORN CARTRIDGE ASSY FLUID METERING W/ PUSH BUTTON 3-3/8
807645B
ACORN CARTRIDGE ASSY FLUID METERING W/O PUSH BOTTON



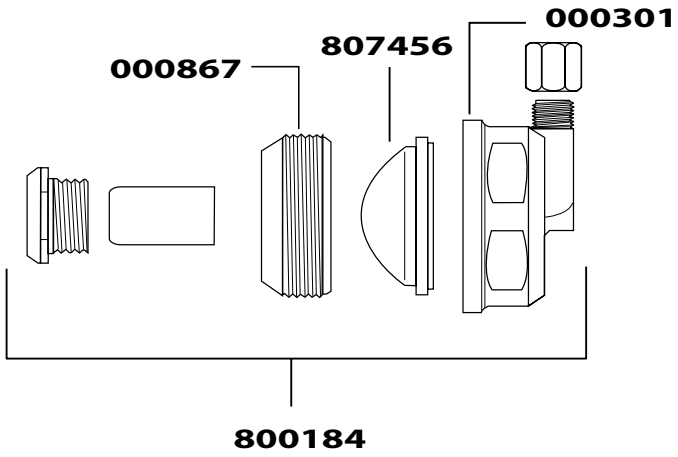
803785
ACORN STOP ASSEMBLY STANDARD



809167
ACORN PENAL-TROL DASHPOT METERING CARTRIDGE ASSEMBLY
803780
PENAL-TROL DASHPOT METERING CARTRIDGE ASSY FOR ACORN
942650
QUICK-CLOZ CARTRIDGE REPAIR KIT

NOTES: _____

ACORN REPAIR PARTS





800184
ACORN FOOT PEDAL ACTUATED BUTTON ASSEMBLY



000867
ACORN ESCUTCHEON RETAINER



807456
ACORN AIR DIAPHRAGM



000301
ACORN DIAPHRAGM RETAINER SIDE OUTLET

AMERICAN BRASS



807673
AMERICAN BRASS DIVERTER STEM



804984
AMERICAN BRASS HOT STEM 4” 17 PT



807672H
AMERICAN BRASS HOT STEM 2-5/8 17 PT

807672C
AMERICAN BRASS COLD STEM 2-5/8 17 PT

AMERICAN STANDARD



800845
AMERICAN STANDARD HOT STEM UNITLESS NUT 2-7/8 22 PT
800850
AMERICAN STANDARD COLD STEM UNITLESS NUT 2-7/8 22 PT



800311
AMERICAN STANDARD RH STEM 2-1/2
800312
AMERICAN STANDARD LH STEM 2-1/2



800660
AMERICAN STANDARD LH STEM AQUASEAL 2-1/2
800655
AMERICAN STANDARD RH STEM AQUASEAL 2-1/2



800200
AMERICAN STANDARD RETAINING LOCKNUT



807753
AMERICAN STANDARD SLOTTED AQUASEAL STEM W/O LOCK



803775
AQUASEAL ALL BRASS HOT STEM FOR AMERICAN STANDARD
803770
AQUASEAL ALL BRASS COLD STEM FOR AMERICAN STANDARD



806010
AMERICAN STANDARD HOT STEM
806011
AMERICAN STANDARD COLD STEM



803365
AMERICAN STANDARD HOT STEM ONLY
803370
AQUASEAL ALL BRASS COLD STEM FOR AMERICAN STANDARD



803380
AMERICAN STANDARD HOT STEM ONLY
803375
AMERICAN STANDARD COLD STEM ONLY

NOTES: _____

AMERICAN STANDARD



801590
AMERICAN STANDARD HOT STEM COLONY 1-13/16”
801591
AMERICAN STANDARD COLD STEM COLONY 1-13/16”



807742
AMERICAN STANDARD RH STEM
807741
AMERICAN STANDARD LH STEM



800295
AMERICAN STANDARD SHORT COLONY STEM H/C 4-1/2”



800305
AMERICAN STANDARD SHORT DIVERTER STEM 5” LONG COLONY



800300
AMERICAN STANDARD LONG COLONY H/C STEM 5-1/8”



800310
AMERICAN STANDARD LONG COLONY DIVERTER STEM 5-7/8”



200020
1/2” INTERNAL NIPPLE WRENCH



800191
BALANCE SPOOL ASSEMBLY



804784
AMERICAN STANDARD TUB STEM SHOWER VALVE H/C



807598
AMERICAN STANDARD DIVERTER STEM ASSEMBLY



809104
AMERICAN STANDARD COLD STEM
809103
AMERICAN STANDARD HOT STEM



800029
AMERICAN STANDARD H/C LAVATORY CARTRIDGE W/ ADAPTOR



801330
AMERICAN STANDARD SINGLE LEVER CARTRIDGE COMPLETE ASSEMBLY



801269
AMERICAN STANDARD SINGLE LEVER AQUARIAN CERAMIC CARTRIDGE



800280
AMERICAN STANDARD SINGLE LEVER CERAMIC CARTRIDGE



803805
AMERICAN STANDARD SINGLE LEVER CERAMIC CARTRIDGE

BRADLEY



806936
BRADLEY UPPER VALVE TIMER ASSEMBLY



801774
BRADLEY LOWER VALVE BODY



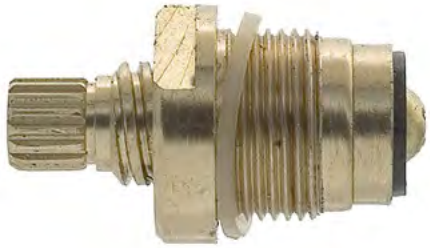
806979
BRADLEY COMPLETE CARTRIDGE ASSEMBLY FOR LAVATORY



804947
BRADLEY/SAYCO SLEEVE KIT W/ CAM

NOTES:

CENTRAL BRASS



800335
HOT STEM FOR CENTRAL BRASS 1-1/4 16 SPLINES
800340
COLD STEM FOR CENTRAL BRASS 1-1/4 16 SPLINES



808174
HOT WASHERLESS STEM FOR CENTRAL BRASS 1-7/8
808012
COLD WASHERLESS STEM FOR CENTRAL BRASS 1-7/8



800158
HOT STEM FOR CENTRAL BRASS 1-17/32 16 SPLINES
800159
COLD STEM FOR CENTRAL BRASS 1-17/32 16 SPLINES



800360
CENTRAL BRASS DIVERTER TUB STEM H/C 5-3/16”



800365
DIVERTER STEM FOR CENTRAL BRASS 5-5/16 16 SPLINES



800355
DIVERTER STEM FOR CENTRAL BRASS 5-5/16 16 SPLINES



800333
H/C STEM FOR CENTRAL BRASS 5-1/4 16 SPLINES



802134
CENTRAL BRASS DIVERTER STEM 5” 16 SPLINES



800345
CENTRAL BRASS H/C STEM 5”

CHICAGO FAUCETS



805933
CHICAGO FAUCETS QUATURN COLD STEM 2-3/16

805934
CHICAGO FAUCETS QUATURN HOT STEM 2-3/16



800205
HOT STEM FOR CHICAGO FAUCETS 2-3/16

800210
COLD STEM FOR CHICAGO FAUCETS 2-3/16



806227
CHICAGO FAUCETS HOT CERAMIC QUATURN STEM (SHORT)

806223
CHICAGO FAUCETS COLD CERAMIC QUATURN STEM (SHORT)



809093
CHICAGO FAUCETS COLD CERAMIC QUATURN STEM (LONG)

809094
CHICAGO FAUCETS HOT CERAMIC QUATURN STEM (LONG)



805939
CHICAGO FAUCETS HOT QUATURN STEM

805935
CHICAGO FAUCETS COLD QUATURN STEM



800215
OLD STYLE QUATURN STEM HOT FOR CHICAGO FAUCETS

800220
OLD STYLE QUATURN STEM COLD FOR CHICAGO FAUCETS



805210
CHICAGO FAUCETS QUATURN HOT LONG STEM FOR EXPOSED CAPS

805211
CHICAGO FAUCETS QUATURN COLD LONG STEM FOR EXPOSED CAPS



008294
CHICAGO FAUCETS QUATURN STEM REPAIR KIT

NOTES:

CHICAGO FAUCETS SLOW COMP STEM UNITS



803491
CHICAGO FAUCETS HOT SLOW COMPRESSION STEM 2-5/8
803492
CHICAGO FAUCETS COLD SLOW COMPRESSION STEM 2-5/8



803493
CHICAGO FAUCETS CONTROL-A-FLO SLOW COMPRESSION HOT STEM
803494
CHICAGO FAUCETS CONTROL-A-FLO SLOW COMPRESSION COLD STEM



803040
CHICAGO FAUCETS NAIAD PUSH BUTTON ADJUSTABLE CYCLE METERING CARTRIDGE HOT
803045
CHICAGO FAUCETS NAIAD PUSH BUTTON ADJUSTABLE CYCLE METERING CARTRIDGE COLD
803012
CHICAGO FAUCETS NAIAD PUSH BUTTON ADJUSTABLE CYCLE METERING CARTRIDGE PLAIN



801988
CHICAGO FAUCETS NAIAD PUSH BUTTON FAST CYCLE METERING CARTRIDGE HOT/COLD



803010
CHICAGO FAUCETS NAIAD PUSH BUTTON METERING CARTRIDGE FOR TIP-TAP HANDLE HOT/COLD 3-5/8



801804
CHICAGO FAUCETS KLO-SELF SELF-CLOSING STEM CAM AND CAP STYLE



801810
CHICAGO FAUCETS NAIAD METERING CARTRIDGE



801805
CHICAGO FAUCETS PUSH BUTTON REPAIR KIT

CRANE



801601
COLD STEM FOR CRANE-REPCAL
801610
HOT STEM FOR CRANE-REPCAL



800230
COLD DIAL ESE STEM FOR CRANE-REPCAL 2-3/16 12 SPLINES
800225
HOT DIAL ESE STEM FOR CRANE-REPCAL 2-3/16 12 SPLINES



800240
COLD HOSPITAL STEM FOR CRANE-REPCAL 2-3/4 12 SPLINES
800235
HOT HOSPITAL STEM FOR CRANE-REPCAL 2-3/4 12 SPLINES



806004
SELF CLOSING KNEE VALVE STEM FOR CRANE-REPCAL 3”



807666
HOT/COLD SHOWER STEM FOR CRANE-REPCAL 5-7/8 12 SPLINES



801600
CRANE-REPCAL HOT/COLD STEM 4-5/8



807708
CRANE TUB STEM H/C 4-5/8”



800088
SHOWER VALVE CARTRIDGE DANFOSS TEMPRESS 2

ATLANTIC COASTAL SUPPLY INC.
ACSPARTS.NET (800) 520 - 0556



806803
SHOWER VALVE CARTRIDGE ASSEMBLY FOR DELTA



804054
DELTA SHOWER CARTRIDGE ASSEMBLY MONITOR 17 SERIES



800370
DELTA STEM WITH SEATS 1600 SERIES



807749
DELTA PUSH BUTTON TUB & SHOWER DIVERTER STEM CHROME FINISH



601254
DELTA 0.5 GPM SLOW CLOSE METERING STEM



804103
DELTA DIVERTER STEM



802195
PROPLUS STEM EXTENDER FOR DELTA PEERLESS



401120
PREMIER STEM EXTENDER FOR DELTA



808684
DIAMOND SEAL CARTRIDGE FOR SINGLE HANDLE LAV FAUCET DELTA



800565
HOT/COLD WASHERLESS STEM FOR TWO HANDLE DELTA

801418
DELTA HOT/COLD WASHERLESS STEM FOR TWO HANDLE FAUCET

800023
DELTA HOT/COLD WASHERLESS STEM BRASS CERAMIC W/ SEAT & O-RING FOR TWO HANDLE FAUCET

802375
HOT/COLD WASHERLESS STEM BRASS CERAMIC FOR TWO HANDLE DELTA



806816
DELTA HOT STEM AND SEAT 1-25/32”

806817
DELTA COLD STEM AND SEAT 1-25/32”



806818
DELTA RH STEM ASSEMBLY IN CHROME 2-9/32”

806820
DELTA LH STEM ASSEMBLY IN CHROME 2-9/32”

ELJER & ENCORE



805913
HOT STEM FOR ELJER 2" 16 SPLINES
805969
COLD STEM FOR ELJER 2" 16 SPLINES



808081
ELJER HOT STEM 2-1/4 16 SPLINES
808080
ELJER COLD STEM 2-1/4 16 SPLINES



804033
ELJER HOT STEM 2-13/16 16 SPLINES
804034
ELJER COLD STEM 2-13/16 16 SPLINES



803425
ELJER STEM 1-7/16 16 SPLINES



803415
ELJER DIVERTER STEM 4-1/4 16 SPLINES



803420
ELJER H/C STEM 4-1/16 16 SPLINES



808825
ELJER DIVERTER STEM 4-7/8 W/ NIPPLE 16 SPLINES



808826
ELJER H/C STEM 4-5/8 W/ NIPPLE 16 SPLINES



807032
ENCORE HOT STEM
807031
ENCORE COLD STEM

ELKAY



803009
ELKAY METAL STEM HOT
802300
ELKAY METAL STEM COLD



806680
ELKAY H/C GREY CARTRIDGE 1-7/8 12 SPLINES



802295
ELKAY SINGLE LEVER CARTRIDGE

FISHER-1/2” & 3/4” KITS



802072
FISHER HOT CHECK STEM KIT 1/2” BRASS W/ HANDLE
802073
FISHER COLD CHECK STEM KIT 1/2” BRASS W/ HANDLE



809702
FISHER HOT SWIVEL STEM KIT 1/2” BRASS W/ HANDLE
809703
FISHER COLD SWIVEL STEM KIT 1/2” BRASS W/ HANDLE



802226
FISHER HOT STEM ADAPTOR FOR 809702
802228
FISHER COLD STEM ADAPTOR FOR 809703



808843
FISHER LEVER HANDLE KIT CHROME H/C (for 1/2” or 3/4”)



809719
FISHER HOT SWIVEL STEM KIT 3/4” BRASS W/ HANDLE
809720
FISHER COLD SWIVEL STEM KIT 3/4” BRASS W/ HANDLE



802229
FISHER HOT STEM ADAPTOR FOR 809719
802230
FISHER COLD STEM ADAPTOR FOR 809720

GERBER



800376
GERBER H/C LONG STEM 16 PT 5-3/8
W/ SEAT & WASHER



800385
GERBER H/C STEM 16 PT 5-5/16



201153
DOGBONE WRENCH FOR GERBER SHOWER
STEMS



800394
PROPLUS HOT STEM FOR GERBER 1-3/4
16 PT
800393
PROPLUS COLD STEM FOR GERBER 1-3/4
16 PT



800392
HOT STEM FOR GERBER
800391
COLD STEM FOR GERBER



804609
GERBER S/L CARTRIDGE



800390
DIVERTER TUB STEM FOR GERBER 5-13/16
16 PT



809001
HOT CERAMIC STEM FOR GERBER 1-11/16
16 PT
809002
COLD CERAMIC STEM FOR GERBER 1-11/16
16 PT



800378
HOT STEM FOR GERBER 1-3/16 16 PT
800377
COLD STEM FOR GERBER 1-3/16 16 PT

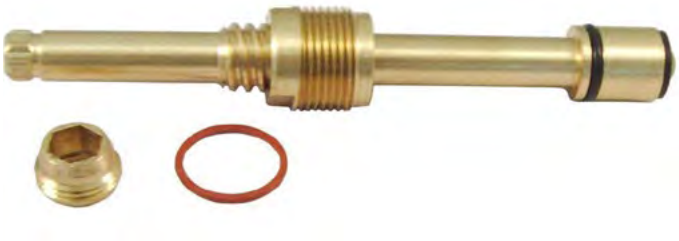
GERBER



805854
GERBER HOT CERAMIC CARTRIDGE
805853
GERBER COLD CERAMIC CARTRIDGE

NOTES: _____

HARCRAFT



800405
HOT/COLD TUB STEM FOR HARCRAFT 4-1/2 12 PT



800410
HARCRAFT DIVERTER STEM

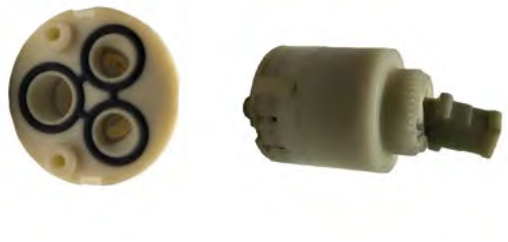
INDIANA BRASS



803452
HOT STEM FOR INDIANA BRASS 3-9/16 18 PT
803451
COLD STEM FOR INDIANA BRASS 3-9/16 18 PT



802510
HOT STEM FOR INDIANA BRASS 1-3/8 18 PT
802511
COLD STEM FOR INDIANA BRASS 1-3/8 18 PT



808834
KOHLER CORALAIS CARTRIDGE FOR SINGLE LEVER FAUCETS



804767
KOHLER PRESSURE REGULATOR KIT



805778
KOHLER VALVE REPAIR KIT



800203
KOHLER HOT CERAMIC CARTRIDGE
800204
KOHLER COLD CERAMIC CARTRIDGE



806350
KOHLER NEW CERAMIC STEM HOT
806359
KOHLER NEW CERAMIC STEM COLD



800321
KOHLER HOT BRASS VALVET STEM
800322
KOHLER COLD BRASS VALVET STEM
800260
HOT BRASS VALVET STEM FOR KOHLER 2-1/2 19 PT
800265
COLD BRASS VALVET STEM FOR KOHLER 2-1/2 19 PT



800438
KOHLER HOT CERAMIC VALVET STEM
800439
KOHLER COLD CERAMIC VALVET STEM
800430
HOT CERAMIC VALVET STEM FOR KOHLER 2-1/2 19 PT
800440
COLD CERAMIC VALVET STEM FOR KOHLER 2-1/2 19 PT



804903
DIVERTER STEM FOR KOHLER W/ PLASTIC SLEEVE 5-1/8 16 PT



807255
KOHLER PLASTIC SLEEVE



807278
HOT WASHERLESS STEM FOR KOHLER 1-15/16 B-9 STEM
807279
COLD WASHERLESS STEM FOR KOHLER 1-15/16 B-9 STEM



804515
DIVERTER STEM FOR KOHLER 5-5/16 19 PT



807738
HOT STEM FOR KOHLER 2-3/8 16 PT
807737
COLD STEM FOR KOHLER 2-3/8 16 PT



803032
HOT/COLD STEM FOR KOHLER W/ PLASTIC SLEEVE 4-1/4 16 PT



803465
HOT STEM FOR KOHLER 1-3/8 16 PT
803460
COLD STEM FOR KOHLER 1-3/8 16 PT



801430
KOHLER STEM ASSEMBLY



808034
1-15/16" SLEEVE FOR KOHLER



803940
KOHLER CORALAIS SINGLE LEVER CARTRIDGE



804646
KOHLER CAP & STEM ASSEMBLY



803470
HOT STEM FOR KOHLER W/ METAL SLEEVE 4-1/4 16 PT
802415
COLD STEM FOR KOHLER W/ METAL SLEEVE 4-1/4 16 PT



805009
KOHLER CHROME PLATED SLEEVE



803001
KOHLER STEM HOT
803000
KOHLER STEM COLD



001319
KOHLER VALVE STOP STEM FOR LOOSE KEY

NOTES:



804310
DIVERTER FOR KOHLER SHOWER 5” 19 PT



000064
LEONARD THERMOSTATIC CONTROL ASSEMBLY



300096
LEONARD PORT SLEEVE ASSEMBLY SLIDE UNIT



805095
LEONARD BRIDGE ASSEMBLY



804004
LEONARD UPPER STEM ASSEMBLY CHROME 3/4



807651
LEONARD CHECKSTOP KIT FOR LVC THERMOSTATIC SHOWERMASTER



805096
LEONARD OLD STYLE CHECK BONNET



807650
LEONARD CHECKSTOP KIT



807649
LEONARD ROUGH BRASS BONNET

LEONARD



804936
LEONARD CONTROL ROD GROUP ASSEMBLY



300251
LEONARD VALVE SPINDLE ASSEMBLY

MICHIGAN BRASS



001238
HOT STEM FOR MICHIGAN BRASS 3-15/16 12 PT

001239
COLD STEM FOR MICHIGAN BRASS 3-15/16 12 PT



804575
DIVERTER STEM FOR MICHIGAN BRASS 4-7/8 12 PT

MILWAUKEE



802703
DIVERTER STEM FOR MILWAUKEE 5-5/8 16 PT



802702
HOT/COLD STEM FOR MILWAUKEE 4-3/8 16 PT



802503
DIVERTER STEM FOR MILWAUKEE 4-11/16 16PT



804467
SINGLE LEVER CARTRIDGE FOR MILWAUKEE 2-5/8

MIXET & MOEN



801020
MIXET SHOWER CARTRIDGE



800785
SINGLE LEVER BRASS CARTRIDGE FOR MOEN 3-7/8



805052
PLASTIC CARTRIDGE FOR MOEN 3-7/8



804836
MOEN PLASTIC POSI-TEMP CARTRIDGE 4-1/8



806262
PLASTIC POSI-TEMP CARTRIDGE FOR MOEN 4-1/8



804410
MOEN BRASS POSI-TEMP CARTRIDGE



800739
MOEN STEM EXTENDER KIT



809019
MOEN PLASTIC CARTRIDGE



804360
WASHERLESS STEM FOR MOEN 2" 17 PT

PHOENIX & POWERS



801231
HOT/COLD STEM FOR PHOENIX 1-9/16 17 PT



000920
POWERS BALANCING CARTRIDGE REPLACEMENT

PRICE PFISTER



804790
HOT STEM FOR PRICE PFISTER 1-1/4 12 PT
804791
COLD STEM FOR PRICE PFISTER 1-1/4 12 PT



807260
HOT STEM FOR PRICE PFISTER 2" 12 PT
807261
COLD STEM FOR PRICE PFISTER 2" 12 PT



802606
PRICE PFISTER CARTRIDGE RETROFIT ASSEMBLY



800462
HOT STEM FOR PRICE PFISTER 3" 12 PT
800461
COLD STEM FOR PRICE PFISTER 3" 12 PT



800271
H/C SINGLE LEVER CARTRIDGE FOR PRICE PFISTER 4-1/8



808184B
DIVERTER STEM FOR PRICE PFISTER 5" 12 PT

PRICE PFISTER



801006
HOT/COLD STEM FOR PRICE PFISTER 5” 12 PT



800470
HOT/COLD STEM FOR PRICE PFISTER 5-1/2 12 PT



800475
DIVERTER STEM FOR PRICE PFISTER 5” 12 PT PFISTER 5-3/16 12 PT



807896
PRICE PFISTER HOT/COLD CERAMIC CARTRIDGE

ROYAL BRASS



804050
ROYAL BRASS HOT/COLD STEM W/ BONNET



807501
ROYAL BRASS HOT REX UNIT CERAMIC CARTRIDGE

807502
ROYAL BRASS COLD REX UNIT CERAMIC CARTRIDGE



801886
ROYAL BRASS DIVERTER STEM W/ BONNET

NOTES:

SAYCO



804947
SAYCO SLEEVE KIT W/ CAM



800325
HOT STEM FOR SAYCO 4-1/2 16 PT
807667
COLD STEM FOR SAYCO 4-1/2 16 PT



800330
DIVERTER STEM FOR SAYCO 4-1/16 16 PT



804894
HOT/COLD STEM FOR SAYCO 4-3/4 16 PT



804895
DIVERTER STEM FOR SAYCO 4-3/4 16 PT



807591
SAYCO HOT LAVATORY STEM 2”
807592
SAYCO COLD LAVATORY STEM 2”



800315
HOT STEM FOR SAYCO 1-1/4 16 PT
800320
COLD STEM FOR SAYCO 1-1/4 16 PT

NOTES:

SPEAKMAN



803665
SPEAKMAN HOT/COLD STEM FOR SERVICE SINK 2-9/16 20 PT



801302
SPEAKMAN HOT CERAMIC CARTRIDGE
801303
SPEAKMAN COLD CERAMIC CARTRIDGE



801301
SPEAKMAN HOT CERAMIC CARTRIDGE
801300
SPEAKMAN COLD CERAMIC CARTRIDGE



805863
SPEAKMAN HOT CERAMIC CARTRIDGE



804580
DIVERTER STEM FOR SPEAKMAN 4-1/16 20 PT



803221
SPEAKMAN HOT STEM W/ BONNET 4-7/8 20 PT



807125
SPEAKMAN HOT/COLD STEM 5" 20 PT



805812
SPEAKMAN HOT/COLD STEM W/ BONNET



805813
DIVERTER STEM FOR SPEAKMAN 4-1/4

STERLING



805838
STERLING HOT/COLD STEM



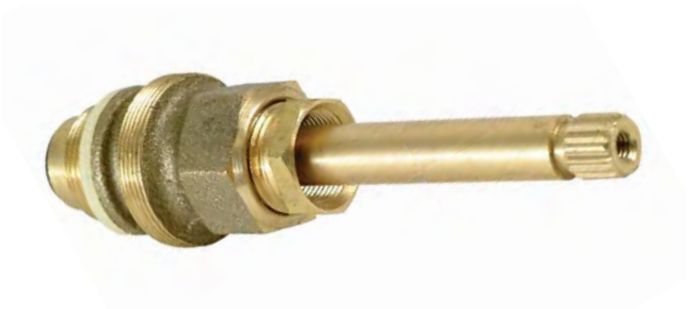
805839
STERLING DIVERTER STEM



400109
HOT STEM FOR STERLING 4-1/2
400111
COLD STEM FOR STERLING 4-1/2



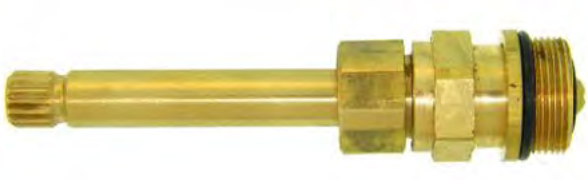
400104
STERLING DIVERTER STEM W/ BONNET



800490
HOT/COLD STEM FOR STERLING 16 PT



800495
DIVERTER STEM FOR STERLING 4-1/2 16 PT



801860
HOT/COLD STEM FOR STERLING 3-3/4 16 PT



800507
HOT STEM FOR STERLING W/ BONNET
800506
COLD STEM FOR STERLING W/ BONNET

STERLING

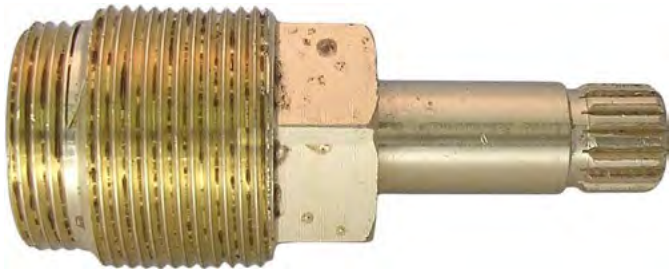


804472
STERLING STEM REPAIR KIT



800505
DIVERTER STEM FOR STERLING 16 PT

NOTES:



805240
STERLING HOT STEM 2-1/4 16 PT
805241
STERLING COLD STEM 2-1/4 16 PT

ATLANTIC COASTAL SUPPLY INC.
ACSPARTS.NET (800) 520 - 0556

STREAMWAY

NOTES:



805050
HOT STEM FOR STREAMWAY 1-5/8 17 PT
805049
COLD STEM FOR STREAMWAY 1-5/8 17 PT

SYMMONS



801253
TEMPTROL SPINDLE STEM FOR SYMMONS 4-1/8" 12 PT



801265
SAFETY MIX FLOW SPINDLE FOR SYMMONS 5 3/16" LONG



801521
SYMMONS SHOWER D SPINDLE 4-5/16"



801267
SYMMONS CARTRIDGE FOR SHOWEROFF SHOWER SYSTEMS

801258
SYMMONS SHOWER CARTRIDGE OLD STYLE W/ PLATE 4-7/8"



803351
SYMMONS SINGLE LEVER CARTRIDGE 2-1/4"



807273
SYMMONS SCOT METERING FAUCET CONTROL CARTRIDGE



804553
SYMMONS LEVERTROL DIVERTER STEM

NOTES: _____



800970
T&S SPRAY VALVE BONNETT ASSEMBLY 2-5/16



805941
T&S HOT SPINDLE FOR ETERNA CARTRIDGE 2-1/2
805942
T&S COLD SPINDLE FOR ETERNA CARTRIDGE 2-1/2



804770
T&S HOT STEM FOR ETERNA W/ ESCUTCHEON BONNET 2-13/16
804771
T&S COLD STEM FOR ETERNA W/ ESCUTCHEON BONNET 2-13/16



805231
T&S ETERNA HOT STEM ASSEMBLY 2-7/8
805230
T&S ETERNA COLD STEM ASSEMBLY 2-7/8



804989
T&S HOT BAREL FOR ETERNA CARTRIDGE 1-9/16
804990
T&S COLD BAREL FOR ETERNA CARTRIDGE 1-9/16



807807
T&S HOT/COLD SPINDLE CHROME PLATED



804873
T&S HOT STEM 2-7/16 W/ LEVER HANDLE FOR B-1100 SERIES WORK BOARD FAUCETS
804874
T&S COLD STEM 2-7/16 W/ LEVER HANDLE FOR B-1100 SERIES WORK BOARD FAUCETS
809091
T&S HOT STEM FOR B-1100 SERIES 2-1/8
809092
T&S COLD STEM FOR B-1100 SERIES 2-1/8



800910
T&S HOT STEM FOR ETERNA W/ BONNET & HANDLE 3-1/8
800915
T&S COLD STEM FOR ETERNA W/ BONNET & HANDLE 3-1/8
802435
T&S HOT SPRING CHECK STEM FOR ETERNA W/ BONNET & HANDLE 3-1/8
802436
T&S COLD SPRING CHECK STEM FOR ETERNA W/ BONNET & HANDLE 3-1/8



808988
T&S HOT CERAMA CARTRIDGE W/ ESCUTCHEON BONNET 3”
809989
T&S COLD CERAMA CARTRIDGE W/ ESCUTCHEON BONNET 3”



800916
HOT STEM FOR T&S 2-3/4 20 PT
800917
COLD STEM FOR T&S 2-3/4 20 PT



803641
T&S HOT CERAMA CARTRIDGE W/O BONNET 3”
803642
T&S COLD CERAMA CARTRIDGE W/O BONNET 3”



809906
T&S HOT CERAMA CARTRIDGE W/ BONNET 3”
809907
T&S COLD CERAMA CARTRIDGE W/ BONNET 3”
600253
T&S HOT SPRING CHECK CERAMA CARTRIDGE W/ BONNET 3”
600254
T&S COLD SPRING CHECK CERAMA CARTRIDGE W/ BONNET 3”



800935
T&S HOT HANDLE
800930
T&S COLD HANDLE

UNION BRASS



801085
HOT STEM FOR UNION BRASS 3-1/8 18 PT

801086
COLD STEM FOR UNION BRASS 3-1/8 18 PT



801185
DIVERTER STEM FOR UNION BRASS W/O BONNET 4-5/8



803332
DIVERTER STEM FOR UNION BRASS 3-11/16 18 PT



801091
HOT STEM FOR UNION BRASS 1-1/8 18 PT

801090
COLD STEM FOR UNION BRASS 1-1/8 18 PT

NOTES:

VALLEY



808275
VALLEY SINGLE LEVER CARRIDGE W/O SPRAY DIVERTER 2-1/2



808277
VALLEY SINGLE LEVER CARRIDGE W/ SPRAY DIVERTER 2-1/2



801271
VALLEY SINGLE LEVER CARTRIDGE 2-1/4



809587
VALLEY HOT OR COLD PLASTIC STEM



803998
VALLEY PRESSURE BALANCING CARTRIDGE 3-15/16



809053
VALLEY HOT/COLD STEM 1-7/8



808605
VALLEY DIVERTER STEM 4-11/16



806180
VALLEY SINGLE LEVER PLASTIC CARTRIDGE

WATERSAVER

NOTES: _____



805054
WATERSAVER HOT STEM
805055
WATERSAVER COLD STEM

WOLVERINE



804937
HOT CARTRIDGE FOR WOLVERINE 2-1/2
804938
COLD CARTRIDGE FOR WOLVERINE 2-1/2



802101
HOT STEM FOR WOLVERINE 3-15/16 12 PT
802100
COLD STEM FOR WOLVERINE 3-15/16 12 PT

ZURN



805975
ZURN HOT CERAMIC QUATURN STEM (SHORT)
805974
ZURN COLD CERAMIC QUATURN STEM (SHORT)



805972
ZURN HOT CERAMIC QUATURN STEM (LONG)
805973
ZURN COLD CERAMIC QUATURN STEM (LONG)

STEM KITS FOR IMPORT FAUCETS



802255
STEM & HANDLE REPAIR KIT FOR IMPORT FAUCETS



802258
STEM & HANDLE REPAIR KIT FOR IMPORT FAUCETS

NOTES:

AMERICAN STANDARD



800004
SINGLE LEVER HANDLE FOR AMERICAN STANDARD 3-1/4 X 1-11/16



806029
AMERICAN STANDARD AQUARIAN SINGLE LEVER HANDLE 4 X 9/16



801332
AMERICAN STANDARD AQUARIAN SINGLE LEVER HANDLE 3-1/4 X 1-1/8



800595
HANDLE FOR AMERICAN STANDARD 1-5/16 X 1-1/8

800597
DIVERTER HANDLE FOR AMERICAN STANDARD 1-5/16 X 1-1/8



805223
AMERICAN STANDARD HOT CROSS HANDLE

805222
AMERICAN STANDARD COLD CROSS HANDLE



800585
HANDLE PAIR FOR AMERICAN STANDARD 16 PT



808917
AMERICAN STANDARD SINGLE LEVER HANDLE 4-7/8 X 1-1-16



801246
WRIST BLADE HANDLES FOR AMERICAN STANDARD 4”

AMERICAN STANDARD



803816
HANDLE PAIR FOR AMERICAN STANDARD 15/16 X 1-9/16 22 PT



803820
HANDLE PAIR FOR AMERICAN STANDARD 1-1/16 X 1-5/8 22 PT
806025
DIVERTER HANDLE FOR AMERICAN STANDARD 1-1/16 X 1-5/8 22 PT



800301
HANDLE PAIR FOR AMERICAN STANDARD 1-5/16 X 1-7/8 22 PT
800303
DIVERTER HANDLE FOR AMERICAN STANDARD 1-5/16 X 1-7/8 22 PT



807627
HANDLE PAIR FOR AMERICAN STANDARD 1-1/2 X 1-1/16 16 PT
807529
DIVERTER HANDLE FOR AMERICAN STANDARD 1-1/2 X 1-1/16 16 PT



008252
AMERICAN STANDARD ACRYLIC 3-HANDLE KIT



807114
AMERICAN STANDARD ROUGH BRASS HOT LEVER HANDLE
807115
AMERICAN STANDARD ROUGH BRASS COLD LEVER HANDLE



804672
AMERICAN STANDARD CHROME PLATED HOT LEVER HANDLE
804534
AMERICAN STANDARD CHROME PLATED COLD LEVER HANDLE



803315
AMERICAN STANDARD HOT LEVER HANDLE
803310
AMERICAN STANDARD COLD LEVER HANDLE

AMERICAN STANDARD



803735
AMERICAN STANDARD ACRYLIC SINGLE LEVER HANDLE



804695
AMERICAN STANDARD CROSS HANDLE HOT

804696
AMERICAN STANDARD CROSS HANDLE COLD

BRADLEY



806997
BRADLEY SHOWER VALVE HANDLE 1-1/8

BRIGGS



808185
BRIGGS SINGLE LEVER ACRYLIC HANDLE 2-1/8

NOTES:

CENTRAL BRASS



800705
HANDLE PAIR FOR CENTRAL BRASS 1-3/4 X 1-1/8 16 PT



800688
HANDLE PAIR FOR CENTRAL BRASS 1-1/2 X 1-1/4 16 PT

800689
DIVERTER HANDLE FOR CENTRAL BRASS 1-1/2 X 1-1/4 16 PT



805040
HANDLE PAIR FOR CENTRAL BRASS 1-7/16 X 1-1/8 16 PT

805040D
DIVERTER HANDLE FOR CENTRAL BRASS 1-7/16 X 1-1/8 16 PT



800690
HANDLE PAIR FOR CENTRAL BRASS 1-3/8 X 2-3/8 16 PT

800700
DIVERTER HANDLE FOR CENTRAL BRASS 1-3/8 X 2-3/8 16 PT



807272
CENTRAL BRASS HOT 4" BLADE HANDLE

403316
CENTRAL BRASS COLD 4" BLADE HANDLE

CHICAGO FAUCET



809980
CHICAGO FAUCETS VANDAL PROOF CROSS HANDLE PAIR 2-1/2



801990
CHICAGO FAUCETS HOT VANDAL PROOF LEVER HANDLE 2-3/8 16 PT

801989
CHICAGO FAUCETS COLD VANDAL PROOF LEVER HANDLE 2-3/8 16 PT



802248
WRIST BLADE HANDLE PAIR FOR CHICAGO FAUCETS 4" X 11/16

NOTES: _____

CRANE



807587
ACRYLIC HANDLE PAIR FOR CRANE-REPCAL 1-3/8 X 1-7/8 12 PT



802001
CHROME HANDLE PAIR FOR CRANE REPCAL 1-1/16 X 1-5/8 12 PT



807746
HANDLE PAIR FOR CRANE-REPCAL 1-1/4 X 1-13/16 12 PT

807744
DIVERTER HANDLE FOR CRANE-REPCAL 1-1/4 X 1-13/16 12 PT



801540
CRANE-REPCAL HOT CHROME HANDLE

801539
CRANE-REPCAL COLD CHROME HANDLE

DELTA



800555
SINGLE LEVER ACRYLIC HANDLE W/ OFFSET DIAMOND BROACH FOR DELTA 1-1/2 X 2-1/2



800560
DELTA SINGLE LEVER ACRYLIC HANDLE W/CENTERED OVAL BROACH



800550
DELTA SINGLE LEVER ACRYLIC HANDLE W/CENTERED DIAMOND BROACH



804101
DELTA SINGLE LEVER ACRYLIC HANDLE W/CENTERED OVAL BROACH



807750
DELTA SINGLE LEVER ACRYLIC HANDLE W/ CENTERED “D” BROACH



802312
ACRYLIC HANDLE FOR DELTA W/ HOT/ COLD/DIVERTER INDEX



807286
DELTA SINGLE LEVER LARGE BLADE HANDLE



805796
DELTA CHROME FINISH LEVER HANDLE PAIR 1-1/2 X 1-13/16



804351
DELTA SINGLE LEVER CHROME HANDLE



801688
DELTA SINGLE LEVER CHROME HANDLE W/ RED & BLUE DOT INDEX

807287
DELTA SINGLE LEVER CHROME HANDLE W/O RED & BLUE DOT INDEX



800580
CHROME SINGLE LEVER HANDLE FOR DELTA 4-1/2



802220
CHROME WRIST BLADE HANDLE PAIR FOR DELTA 4 X 1-5/8



808171
DELTA ACRYLIC HANDLE PAIR W/ CENTERED “D” BROACH

ELJER



808030
ELJER DIVERTER ARROW HANDLE

805350
ELJER HOT CHROME HANDLE

805351
ELJER COLD CHROME HANDLE



805849
ELJER LARGE HOT CHROME LEVER HANDLE

805850
ELJER LARGE COLD CHROME LEVER HANDLE

FIAT



809461C
FIAT CROSS HANDLE - COLD

809461H
FIAT CROSS HANDLE - HOT

ATLANTIC COASTAL SUPPLY INC.
ACSPARTS.NET (800) 520 - 0556

NOTES:

FIT ALL & UNIVERSAL



800685
CHROME LEVER HANDLE PAIR VICE-GRIP STYLE FIT-ALL 1-7/8 X 1"



800515
CHROME CROSS HANDLE PAIR VICE-GRIP STYLE FIT-ALL 1-5/16 X 1"

ATLANTIC COASTAL SUPPLY INC.
ACSPARTS.NET (800) 520 - 0556



800530
ACRYLIC FIT-ALL HANDLE PAIR 1-3/8 X 2-3/4



804946
CHROME CANOPY HANDLE FIT-ALL STYLE W/ HOT/COLD/DIVERTER INDEX



804780
ACRYLIC FIT-ALL HANDLE PAIR VICE-GRIP STYLE



800525
SMALL ACRYLIC FIT-ALL HANDLE PAIR W/ INDEXES



800665
ACRYLIC HANDLE FOR DELTA STYLE SINGLE LEVER FAUCTS W/O HEX INSERT



800568
ACRYLIC FIT-ALL STYLE HANDLE FOR SINGLE LEVER FAUCETS

GERBER



800725
CHROME HANDLE PAIR FOR GERBER (SHORT BROACH) 1-3/16 X 2-1/2 16 PT

800735
CHROME DIVERTER HANDLE FOR GERBER (SHORT BROACH) 1-3/16 X 2-1/2 16 PT



800736
CHROME HANDLE PAIR FOR GERBER (LONG BROACH) 1-3/16 X 2-1/2 16 PT

800738
CHROME DIVERTER HANDLE FOR GERBER (LONG BROACH) 1-3/16 X 2-1/2 16 PT



800720
CHROME HANDLE PAIR FOR GERBER 1-5/16 X 1-1/2 16 PT



801698
ACRYLIC HANDLE PAIR FOR GERBER (SHORT BROACH)

INDIANA BRASS



802630
CHROME HANDLE PAIR FOR INDIANA BRASS 1-7/16 X 1-1/8 18PT

802645
CHROME DIVERTER HANDLE FOR INDIANA BRASS 1-7/16 X 1-1/8 18PT



802536
CHROME HANDLE PAIR FOR INDIANA BRASS 1-5/8 X 7/8 18 PT

NOTES: _____



806974
CHROME PUSH-PULL DIVERTER HANDLE FOR KOHLER



807408
KOHLER ACRYLIC/CHROME HANDLE PAIR 1-3/16 X 3" 19 PT



805082
CHROME HANDLE PAIR FOR KOHLER 1-3/8 X 1-5/8 19 PT

805084
CHROME DIVERTER HANDLE FOR KOHLER 1-3/8 X 1-5/8 12 PT



008474
CHROME HANDLE PAIR FOR KOHLER 2-5/8 X 2" 19 PT



807413
CHROME HANDLE PAIR FOR KOHLER 1-7/8 X 1-1/2 19 PT



801078
CHROME HANDLE FOR KOHLER W/ H&C INDEX BUTTONS 2-1/8



801100
CHROME HANDLE FOR KOHLER W/ H&C INDEX BUTTONS 1-9/16"



808078
KOHLER LARGE ACRYLIC HANDLE KIT

KOHLER



804991
KOHLER ACRYLIC HANDLE W/ HOT TO COLD INDEX



804562
KOHLER CHROME HANDLE



801795
KOHLER CHROME HANDLE PAIR

801104
CHROME HANDLE PAIR FOR KOHLER



801435
KOHLER CHROME HANDLE PAIR



008285B
CHROME HANDLE PAIR FOR KOHLER 1-7/8 X 5/8 19 PT

ATLANTIC COASTAL SUPPLY INC.
ACSPARTS.NET (800) 520 - 0556

LAWLER

NOTES:



805950
LAWLER HANDLE-LEVER TYPE SERIES 400

LEONARD



300104
LEONARD POINTER HANDLE LARGE



804900
LEONARD POINTER HANDLE SMALL



808829
LEONARD LEVER POINTER HANDLE

MICHIGAN BRASS



808925
ACRYLIC HANDLE PAIR FOR MICHIGAN BRASS 1" X 2-1/8 12 PT

808925D
ACRYLIC DIVERTER HANDLE FOR MICHIGAN BRASS 1" X 2-1/8 12 PT

MOEN



800744
ACRYLIC SINGLE LEVER HANDLE FOR MOEN (LONG BROACH) 1-5/8 X 1-5/8

800578
NEW STYLE LAVATORY HANDLE SHORT BROACH FOR MOEN



804052
CHROME SINGLE LEVER HANDLE FOR MOEN 2-5/8 X 1-1/4

PRICE PFISTER



805797
CHROME HANDLE PAIR FOR PRICE PFISTER 1 X 1-1/2 12 PT



801027
CHROME HANDLE PAIR FOR PRICE PFISTER 1-3/16 X 2-1/2 12 PT

801029
CHROME DIVERTER HANDLE FOR PRICE PFISTER 1-3/16 X 2-1/2 12 PT



801715
PRICE PFISTER ACRYLIC HANDLE

ROYAL BRASS



801356
ROYAL BRASS CHROME HOT WRIST BLADE HANDLE

801355
ROYAL BRASS CHROME COLD WRIST-BLADE HANDLE

SAYCO



800605
CHROME HANDLE PAIR FOR SAYCO 1-5/16 X 1-1/4 16 PT

800610
CHROME DIVERTER HANDLE FOR SAYCO 1-5/16 X 1-1/4 16 PT



800600
CHROME HANDLE FOR SAYCO W/ H&C INDEXES



800611
SAYCO LEVER TYPE HANDLES FOR KITCHEN FAUCETS (PAIR)

SPEAKMAN



804605
CHROME HANDLE PAIR FOR SPEAKMAN 15/16 X 1-3/4 20 PT

804610
CHROME DIVERTER HANDLE FOR SPEAKMAN 15/16 X 1-3/4 20 PT



807690
SPEAKMAN CROSS HANDLE

807691
HOT INDEX BUTTON FOR SERVICE HANDLE SPEAKMAN

807692
COLD INDEX BUTTON FOR SERVICE HANDLE SPEAKMAN



805873
SPEAKMAN SINGLE LEVER HANDLE

808084
SPEAKMAN SINGLE LEVER HANDLE INSERT W/ SET SREWS

STERLING



807637
STERLING CHROME SHOWER CONTROL HANDLE



800800
CHROME CROSS HANDLE PAIR FOR STERLING 1-5/16 X 1-1/4 16 PT

800810
CHROME DIVERTER HANDLE FOR STERLING 1-1/4" X 1-1/4" 16 PT



800801
CHROME HANDLE PAIR FOR STERLING 1-1/4 X 1-1/4 16 PT



805898B
CHROME CROSS HANDLE PAIR FOR STERLING 1-1/8 X 2-1/4 16 PT

805898D
CHROME DIVERTER HANDLE FOR STERLING 1-1/8 X 2-1/4 16 PT



807588
ACRYLIC HANDLE PAIR FOR STERLING 1-1/16 X 2-1/4 16 PT

807588D
ACRYLIC DIVERTER HANDLE FOR STERLING 1-1/16 X 2-1/4 16 PT



805035
ACRYLIC HANDLE PAIR FOR STERLING 1 X 2-1/8

STREAMWAY



803474
CHROME HANDLE PAIR FOR STREAMWAY 1-1/4 X 1-1/4 17 PT

801598
CHROME DIVERTER HANDLE FOR STREAMWAY 1-1/4 X 1-1/4 17 PT

ATLANTIC COASTAL SUPPLY INC.
ACSPARTS.NET (800) 520 - 0556

SYMMONS



000724
CHROME SINGLE LEVER HANDLE FOR SYMMONS 1-5/8 X 1-1/4 12 PT



801256
CHROME SINGLE LEVER DIVERTER HANDLE FOR SYMMONS 2”



000538
CHROME SINGLE LEVER KITCHEN HANDLE FOR SYMMONS 4”



801260
CHROME SINGLE LEVER HANDLE FOR SYMMONS 4 X 2



801252
CHROME SINGLE LEVER HANDLE FOR SYMMONS 2 X 1-1/4 12 PT



806670
CHROME SINGLE LEVER TEMPTROL HANDLE FOR SYMMONS 7/8 X 4-1/4

801882
CHROME SINGLE LEVER SAFETY MIX HANDLE FOR SYMMONS 1-1/2

NOTES: _____

UNION BRASS



801105
CHROME HANDLE PAIR FOR UNION BRASS 1-1/4 18 PT



801135
CHROME HANDLE PAIR FOR UNION BRASS 1-5/16 18 PT



801205
CHROME DIVERTER HANDLE FOR UNION BRASS "D" BROACH 1-5/16



801110
CHROME HANDLE PAIR FOR UNION BRASS 1-5/16 18 PT

VALLEY



801272
CHROME SINGLE LEVER HANDLE FOR VALLEY 3 X 1-3/4"

WATER SAVER



805235
WATER SAVER CROSS HANDLE FOR LAB FAUCETS W/O INDEX

808240
WATER SAVER HOT INDEX FOR LAB FAUCET

808241
WATER SAVER COLD INDEX FOR LAB FAUCET HANDLES

WOLVERINE



802102
WOLVERINE 4" WRIST BLADE HANDLES PAIR

ZURN

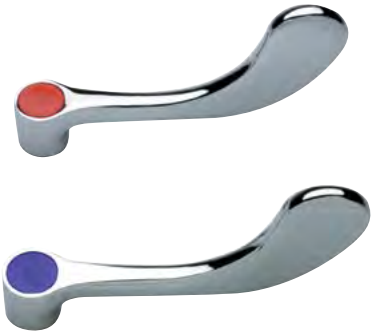


801593
ZURN HOT METERING HANDLE
801594
ZURN COLD METERING HANDLE
806403
ZURN PLAIN METERING HANDLE

ATLANTIC COASTAL SUPPLY INC.
ACSPARTS.NET (800) 520 - 0556



806497
ZURN LEVER HANDLE PAIR 2-1/2



600118
ZURN WRIST BLADE HANDLE PAIR 4”

NOTES:

NOTES: _____

SECTION 3

FAUCETS AND COMPLETE FIXTURES







ATLANTIC COASTAL SUPPLY INC.

FAUCETS



607008
SINGLE HANDLE LAVATORY FAUCET WASHERLESS W/O POP-UP



607006
SINGLE HANDLE KITCHEN FAUCET WASHERLESS W/O SPRAY



607007
SINGLE HANDLE KITCHEN FAUCET WASHERLESS W/ BLACK SPRAY



607001
TWO ACRYLIC HANDLE LAVATORY FAUCET W/O POP-UP SQUARE BASE CHROME



604490
TWO HANDLE LAVATORY FAUCET WASHERLESS W/ METAL HANDLES



600060
TWO HANDLE KITCHEN FAUCET WASHERLESS W/ ACRYLIC HANDLES W/O SPRAY

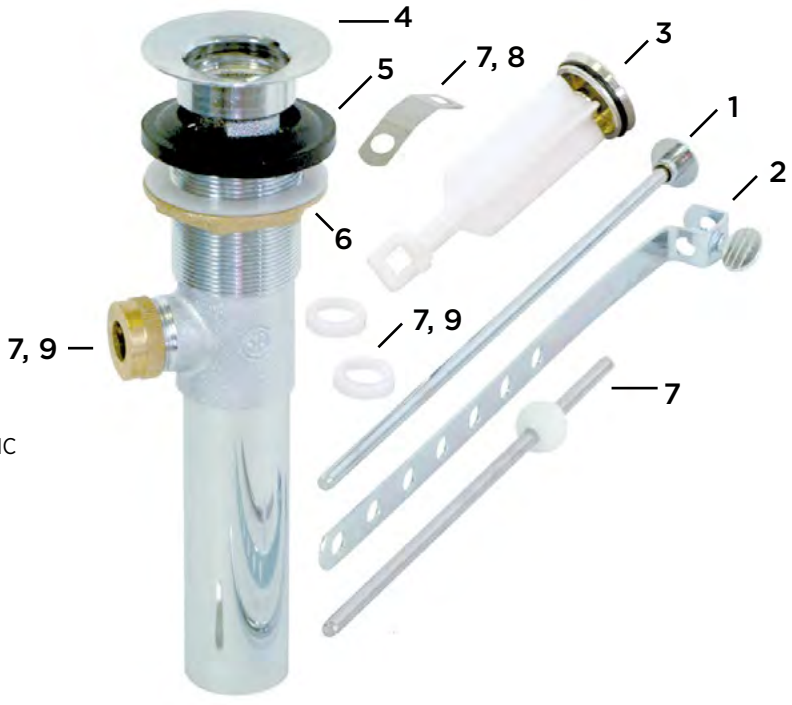


600059
TWO HANDLE KITCHEN FAUCET WASHERLESS W/ ACRYLIC HANDLES W/ BLACK SPRAY

400270 POP-UP LAV DRAIN COMPLETE ASSEMBLY CHROME 22-GAUGE
COMPLETE POP UP DRAIN UNIT FOR USE WITH ABOVE LAVATORY FAUCETS

1. **407300** LIFT ROD W/ KNOB
2. **400816** POP-UP LOWER ROD W/ THUMB SCREW
3. **406934** POP-UP STOPPER
4. **407303** DRAIN FLANGE
5. **402142** OVERSIZED P.O. BASIN GASKET
6. **402143** WINGED LOCK NUT
7. **401125** POP-UP BALL ROD W/ NUT SPRING
8. **400820** POP-UP BALL ROD SPRING CLIP
9. **407302** NUT FOR BALL ROD

401493 POP-UP LAV DRAIN COMPLETE ASSEMBLY PLASTIC



FAUCETS



600085
SINGLE HANDLE SERIES 4 LAVATORY FAUCET W/O POP-UP
601770
SINGLE HANDLE SERIES 4 LAVATORY FAUCET W/ POP-UP



602253
SINGLE HANDLE LAVATORY FAUCET WASHERLESS W/ ACRYLIC HANDLE



600057
GOOSENECK LAVATORY FAUCET W/ WRISTBLADE HANDLES 4" CENTERS & SWIVEL SPOUT



000820
WHITE LAV SHIELD
UNDERSINK PROTECTIVE ENCLOSURE

*ALL FAUCETS ON THIS PAGE AND FACING PAGE HAVE 1/2" MIP HOOKUP

NOTES: _____

FAUCETS



600160
SELF CLOSING PULL CHAIN SHOWER VALVE W/ 1/2" FIP CONNECTIONS & LEVER HANDLE



407048
SELF CLOSING STOP VALVE W/ 1/2" FIP CONNECTIONS & CROSS HANDLE



602260
SELF CLOSING SINGLE BASIN FAUCET 2.0 GPM AERATOR CHROME PLATED BRASS BODY



807718
SELF CLOSING DRINKING FOUNTAIN FAUCET CHROME W/ 1/2" IPS INLET



600005
IMPORT SINGLE BASIN FAUCET W/ H&C 1/2" IPS INLET



602254
HEAVY DUTY BASIN FAUCET W/ H&C INDEXES & 1/2" SHANK



605887
CHROME SINGLE SINK FAUCET W/ 1/2" FIP CONNECTIONS



600744
SINGLE LEVER TUB & SHOWER VALVE SET W/ METAL HANDLE



600012
SINGLE LEVER SHOWER VALVE W/ ACRYLIC HANDLE



600125
CHROME THREE HANDLE TUB & SHOWER VALVE W/ 1/2" IPS CONNECTIONS CxC INLET



600536
CHROME TWO HANDLE TUB & SHOWER VALVE



601578
SINGLE HANDLE TUB AND SHOWER VALVE W/ ACRYLIC HANDLE

CENTRAL BRASS



600146
CHROME TWO-HANDLE LAVATORY FAUCET W/ CANOPY HANDLES & 3-HOLE 4" CENTERS



008376
ADA WIDE SPREAD LAV FAUCET 4" WRIST BLADE HANDLES 6" - 24" SPREAD W/O DRAIN



802187
CBR KITCHEN FAUCET 8" CTRS CAST BRASS BODY / 8" TUBE SPOUT / 2.2 GPM W/O SPRAY



802188
CBR KITCHEN FAUCET 8" CTRS CAST BRASS BODY / 8" TUBE SPOUT / 2.2 GPM W/ SPRAY



600459
CENTRAL BRASS CHROME SINGLE HANDLE BASIN FAUCET 1/2"-14 NPS MALE INLET X 2-1/4 LONG



600149
CENTRAL BRASS CHROME SELF CLOSE SINGLE HANDLE BASIN FAUCET HOT

600150
CENTRAL BRASS CHROME SELF CLOSE SINGLE HANDLE BASIN FAUCET COLD

NOTES: _____

CENTRAL BRASS



600151
CENTRAL BRASS CHROME SINGLE CANOPY HANDLE BAR FAUCET COLD



401462
CENTRAL BRASS CHROME SELF CLOSING STRAIGHT STOP 1/2-14 NPS FEMALE THREAD



401463
CENTRAL BRASS CHROME SELF CLOSING ANGLE STOP 1/2-14 NPS FEMALE THREAD



401464
CENTRAL BRASS SLOW CLOSE STRAIGHT STOP W/ PUSH HANDLE 1/2-14 NPS FEMALE THREAD



600153
CENTRAL BRASS DRINKING FAUCET W/ SELF CLOSING LEVER HANDLE 1/2" NPS MALE THREAD



602236
CENTRAL BRASS DRINKING FAUCET W/ SELF CLOSING LEVER HANDLE 3/8-18 NPS MALE THREAD

CHICAGO



605112
DECK MOUNTED METERING SINK FAUCET, SINGLE HOLE



602248
METERING LAVATORY FAUCET 4" CENTERS, 2.2GPM



804961
DECK-MOUNTED MANUAL SINK FAUCET W/ ADJ CTRS, 4" WRIST BLADE HANDLES & 5-1/4" GOOSENECK SPOUT



600268
WALL MOUNT COMMERCIAL SINK FAUCET W/8" CENTERS & 12" SWING SPOUT

CHICAGO



602243
CHICAGO FAUCETS SERVICE SINK FAUCET
CHROME 8" BODY



600235
CHICAGO FAUCETS CHROME STRAIGHT STOP FITTING
W/ 1/2 FIP X 1/2 FIP



600240
CHICAGO FAUCETS CHROME STRAIGHT STOP FITTING
W/ 3/4 FIP X 3/4 FIP



803697
CHICAGO FAUCETS PRE-RINSE SPRAY VALVE 1.0 GPS 60 PSI 3/4-14
UNS MALE THREAD INLET



808844
DOUBLE FOOT PEDAL VALVE 14" LONG PEDALS WALL MOUNT
2-1/2 CTRS 3/8" INLET & OUTLET



000636
CHICAGO FAUCETS DECK MOUNTED RIGID/SWING
GOOSENECK SPOUT 2.2 GPM CHROME



600140
CHICAGO FAUCETS GOOSENECK FAUCET
W/ WRIST BLADE HANDLES 4" CENTERS

604134
CHICAGO FAUCETS GOOSENECK FAUCET
W/ WRIST BLADE HANDLES 8" CENTERS



608585
CHICAGO FAUCETS CONCEALED DECK-MOUNTED MANUAL SINK
FAUCET W/ ADJUSTABLE CENTERS W/O HANDLES

DELTA



602545
DELTA SINGLE LEVER LAVATORY FAUCET W/ PLASTIC POP-UP DRAIN W/ STRAIGHT COPPER SUPPLYS

603595
DELTA SINGLE LEVER LAVATORY FAUCET W/O POP-UP DRAIN W/ STRAIGHT COPPER SUPPLYS

606662
DELTA SINGLE HANDLE LAVATORY FAUCET W/ METAL POP-UP DRAIN 3-HOLE 4" INSTALLATION



604700
DELTA TWO HANDLE LAVATORY FAUCET W/ ACRYLIC HANDLE & POP-UP DRAIN



603442
DELTA 2 HANDLE METERING FAUCET 4" CENTERS



603114
DELTA SINGLE HANDLE KITCHEN FAUCET W/O SPRAY

GERBER SHOWER VALVES



600309
GERBER TWO HANDLE THREADED ESCUTCHEON SHOWER VALVE 8" SPREAD



600530
GERBER THREE HANDLE THREADED ESCUTCHEON TUB & SHOWER VALVE



606800
T&S DOUBLE PANTRY FAUCET SINGLE HOLE BASE SWIVEL/RIGID GOOSENECK



600801
T&S DOUBLE PANTRY FAUCET SINGLE HOLE BASE W/ 18" SWING NOZZLE (065X)
600035
T&S DOUBLE PANTRY FAUCET SINGLE HOLE BASE W/ 12" SWING NOZZLE (062X)
601450
T&S DOUBLE PANTRY FAUCET SINGLE HOLE BASE 6" SWING NOZZLE (059X)



606802
T&S DOUBLE PANTRY FAUCET SINGLE HOLE BASE 18" DOUBLE JOINT SWING NOZZLE
606803
T&S DOUBLE PANTRY FAUCET SINGLE HOLE BASE 15" DOUBLE JOINT SWING NOZZLE
606804
T&S DOUBLE PANTRY FAUCET SINGLE HOLE BASE 12" DOUBLE JOINT SWING NOZZLE



002300
T&S DOUBLE PANTRY FAUCET DECK MOUNT 8" CENTERS SWIVEL RIGID GOOSENECK LEVER HANDLES
604001
T&S DOUBLE PANTRY SWIVEL/RIGID BASE FAUCET DECK MOUNT 8" CENTERS W/O NOZZLE



606805
T&S SINGLE PANTRY FAUCET SINGLE HOLE BASE DECK MOUNT 18" SWING NOZZLE (065X)
606806
T&S SINGLE PANTRY FAUCET SINGLE HOLE BASE DECK MOUNT 12" SWING NOZZLE (062X)
606807
T&S SINGLE PANTRY FAUCET SINGLE HOLE BASE DECK MOUNT 6" SWING NOZZLE (059X)



606816
T&S DOUBLE PANTRY FAUCET DECK MOUNT 8" CENTERS 18" SWING NOZZLE LEVER HANDLES
600030
T&S DOUBLE PANTRY FAUCET DECK MOUNT 8" CENTERS 12" SWING NOZZLE LEVER HANDLES
606817
T&S DOUBLE PANTRY FAUCET DECK MOUNT 8" CENTERS 6" SWING NOZZLE LEVER HANDLES
604002
T&S DOUBLE PANTRY SWIVEL BASE FAUCET DECK MOUNT 8" CENTERS LEVER HANDLES W/O NOZZLE



600805
T&S DOUBLE PANTRY FAUCET WALL MOUNT 8" CENTERS 6" NOZZLE W/ SOAP DISH



600811
T&S DOUBLE PANTRY FAUCET WALL MOUNT 8" C/C 18" DOUBLE JOINT SWING NOZZLE
600812
T&S DOUBLE PANTRY FAUCET 8" WALL MOUNT 15" DOUBLE JOINT SWING NOZZLE
600813
T&S DOUBLE PANTRY FAUCET WALL MOUNT 8" c/c 12" DOUBLE JOINT SWING NOZZLE



600820
T&S SINGLE PANTRY FAUCET WALL MOUNT SWIVEL/GOOSENECK 4 ARM HANDLE



600115
T&S DOUBLE PANTRY FAUCET
DECK MOUNT 4" CENTERS 12'
SWING NOZZLE (062X)



600835
T&S DOUBLE PANTRY FAUCET
DECK MOUNT 4" CENTERS 10"
SWING NOZZLE (061X)



600836
T&S DOUBLE PANTRY FAUCET
DECK MOUNT 4" CENTERS 8"
SWING NOZZLE (060X)



600837
T&S DOUBLE PANTRY FAUCET
DECK MOUNT 4" CENTERS 6"
SWING NOZZLE (059X)



600201
T&S DOUBLE PANTRY FAUCET
DECK MOUNT 4" CENTERS
SWIVEL GOOSENECK



600841
T&S SILL FAUCET 1/2" NPT
FEMALE INLET 4-ARM HANDLE
PLAIN OUTLET



600842
T&S SILL FAUCET 1/2" NPT
FEMALE INLET 4-ARM HANDLE
3/4" GARDEN THREAD



600845
T&S SILL FAUCET
SELF-CLOSING 1/2"
NPT FEMALE INLET



600847
T&S SILL FAUCET
SELF-CLOSING 1/2" NPT
MALE INLET



600848
T&S SILL FAUCET 1/2" NPS MALE
SHANK NON-SPLASH
W/ AERATOR



600849
T&S SILL FAUCET SELF-CLOSING
1/2" NPT MALE SHANK
W/ AERATOR



600852
T&S SILL FAUCET 1/2" NPT
MALE INLET 4-ARM HANDLE
PLAIN OUTLET

T&S



600855
T&S SERVICE SINK FAUCET WALL MOUNT 8" CENTERS WALL BRACE ROUGH CHROME



600856
T&S SERVICE SINK FAUCET WALL MOUNT 8" CENTERS INTEGRAL STOPS & BOTTOM BRACE IN CHROME



602524
T&S FAUCET DECK MOUNT ADJUSTABLE CENTERS PEDAL VALVE INLET SWIVEL/ RIGID GOOSENECK



600062
T&S SERVICE SINK FAUCET WALL MOUNT ADJUSTABLE CENTER VAC BREAKER W/ INTEGRAL STOP



600862
T&S SERVICE SINK FAUCET WALL MOUNT ADJUSTABLE CENTER VAC BREAKER ROUGH



606913
T&S 8" C/C DECK MOUNT WORKBOARD FAUCET 4" WRIST HANDLES & 133X SWIVEL GOOSENECK

ACS OFFERS A WIDE VARIETY OF SENSOR FAUCETS! PLEASE CONTACT YOUR SALES REPRESENTATIVE FOR MORE INFORMATION! THANKS!

ATLANTIC COASTAL SUPPLY INC.
ACSPARTS.NET (800) 520 - 0556



600859
T&S SERVICE SINK FAUCET WALL MOUNT 8" CENTERS WALL BRACE PLAIN-END OUTLET



600860
T&S SERVICE SINK FAUCET WALL MOUNT 8" CENTERS PLAIN-OUTLET PAIL HOOK INTEGRAL STOPS



600861
T&S SERVICE SINK FAUCET WALL MOUNT 8" CENTERS BUILT-IN STOPS VAC BREAKER



600002
T&S SERVICE SINK FAUCET WALL MOUNT 8" CENTERS PAIL-HOOK PLAIN END OUTLET



600065
T&S SERVICE SINK FAUCET WALL MOUNT 8" CENTERS PAIL-HOOK GARDEN HOSE OUTLET



600064
T&S SERVICE SINK FAUCET WALL MOUNT 8" CENTERS VAC BREAKER GARDEN HOSE OUTLET



606145
T&S SERVICE SINK FAUCET WALL MOUNT 8" CENTERS VAC BREAKER BUILT-IN STOPS ROUGH CHROME



603230
T&S SERVICE SINK FAUCET WALL MOUNT 8" CENTERS VAC BREAKER BUILT-IN STOPS POLISHED CHROME



800982
T&S ATMOSPHERIC VACUUM BREAKER 1/2" NPT INLET & OUTLET POLISHED CHROME



800102
T&S 1/2" NPT VACUUM BREAKER REPAIR KIT



608202
T&S METERING FAUCET SINGLE TEMP PUSH BUTTON CAP 1/2" NPT MALE SHANK



600186
T&S LAVATORY FAUCET 8" CENTERS CAST BASIN SPOUT LEVER HANDLES CONCEALED BODY



608223
T&S LAVATORY FAUCET 8" CENTERS CAST BASIN SPOUT FOUR-ARM HANDLES



608220
T&S LAVATORY FAUCET 8" CENTERS COMPRESSION CART RIGID GOOSENECK



600200
T&S LAVATORY FAUCET 8" CENTERS COMPRESSION CART SWIVEL GOOSENECK



608225
T&S LAVATORY FAUCET 8" CENTERS CAST BASIN SPOUT LEVER HANDLES W/ POP-UP DRAIN



608751
T&S LAVATORY FAUCET 8" CENTERS CAST BASIN SPOUT LEVER HANDLES 1.5 GPM



600041
T&S LAVATORY FAUCET DECK MOUNT 4" CENTER SWIVEL/RIGID GOOSENECK 1/2" NPSM MALE



602230
T&S DOUBLE PANTRY BASE FAUCET SWIVEL OUTLET HOLE BASE W/O NOZZLE

805200
T&S DOUBLE PANTRY SWIVEL/ RIGID BASE FAUCET SINGLE HOLE BASE W/O NOZZLE



600092
T&S WORKBOARD FAUCET DECK MOUNT 3-1/2" CENTERS 6" SWING NOZZLE

600051
T&S WORKBOARD FAUCET DECK MOUNT 3-1/2" CENTERS W/O NOZZLE



600091
T&S WORKBOARD FAUCET DECK MOUNT 4" CENTERS 6" SWING NOZZLE LEVER HANDLES

600026
T&S WORKBOARD FAUCET DECK MOUNT 4" CENTERS 12" SWING NOZZLE LEVER HANDLES



000454
T&S WORKBOARD FAUCET DECK MOUNT 8" CENTERS 6" SWING NOZZLE LEVER HANDLES



603971
T&S LAVATORY FAUCET 4" DECK MOUNT CAST SPOUT 2.2 GPM 4" WRIST BLADE HANDLES



608237
T&S POP-UP DRAIN ASSEMBLY W/ VR STOPPER PLATED CAST BRASS



000595
T&S 8" DECK MOUNT MIXING FAUCET SWIVEL/RIGID GOOSENECK W/ ROSESPRAY



000496
T&S MEDICAL FAUCET 4" DECK MOUNT SWIVEL/RIGID GOOSENECK 2.2 GPM AERATOR



600044
T&S MEDICAL FAUCET CONCEALED BODY 8" CENTERS RIGID GOOSENECK W/ ROSESPRAY

600185
T&S MEDICAL FAUCET CONCEALED BODY 8" CENTERS RIGID GOOSENECK W/ AERATOR

600187
T&S MEDICAL FAUCET CONCEALED BODY 12" CENTERS RIGID GOOSENECK W/ AERATOR



603347
T&S MEDICAL FAUCET DECK MOUNT 8" CENTERS RIGID GOOSENECK W/ ROSESPRAY

600096
T&S MEDICAL FAUCET DECK MOUNT 8" CENTERS SWIVEL GOOSENECK W/ ROSESRAY



001662
T&S DOUBLE PANTRY BASE FAUCET WALL MOUNT 8" CENTERS W/O NOZZLE RIDGID BASE

600490
T&S DOUBLE PANTRY BASE FAUCET WALL MOUNT 8" CENTERS W/O NOZZLE SWIVEL BASE



601581
T&S WORKBOARD FAUCET WALL MOUNT 8" CENTERS LEVER HANDLES W/O NOZZLE



601582
T&S WORKBOARD FAUCET WALL MOUNT 3-1/2" CENTERS LEVER HANDLES W/O NOZZLE



408147
1/2" SHANK EXTENSION KIT



802631
SLEEVE, SWING PACK OF TWO



600858
T&S SERVICE SINK FAUCET WALL MOUNT 8" CENTERS VAC BREAKER INTEGRAL STOPS ROUGH CHROME



600025
T&S DOUBLE PANTRY FAUCET WALL MOUNT 8" CENTERS 12" SWING NOZZLE (062X)



600800
T&S DOUBLE PANTRY FAUCET WALL MOUNT 8" CENTERS 18" SWING NOZZLE (065X)



600101
T&S SINGLE PANTRY FAUCET DECK MOUNT SWIVEL/RIGID GOOSENECK STREAM REGULATOR



608200
T&S SILL FAUCET SELF-CLOSING METERING PUSH-BUTTON 1/2" NPSM MALE SHANK



600100
T&S SINGLE PANTRY FAUCET SWIVEL/RIGID BASE DECK MOUNT W/O NOZZLE



609515
T&S SINGLE PANTRY SWIVEL BASE FAUCET SINGLE HOLE BASE DECK MOUNT W/O NOZZLE



608228
T&S LAVATORY FAUCET DECK MOUNT 4" CENTERS AERATOR 1/2" NPSM MALE SHANKS



601145
T&S WORKBOARD FAUCET WALL MOUNT 4" CENTERS LEVER HANDLES W/O NOZZLE



606173
T&S WORKBOARD FAUCET DECK MOUNT 4" CENTERS LEVER HANDLES W/O NOZZLE



603998
T&S WORKBOARD FAUCET DECK MOUNT 8" CENTERS LEVER HANDLES W/O NOZZLE



608309
T&S SILL FAUCET W/ VAC BREAKER 1/2" NPT FEMALE FLANGED INLET 3/4" HOSE THREADS



804160
T&S SWING SPOUT REPAIR KIT

T&S



608333
T&S EASY INSTALL PRE-RINSE OVERHEAD SWIVEL ARM SINGLE HOLE BASE INLET FLEX LINES



608334
T&S PRE-RINSE OVERHEAD SWIVEL ARM SINGLE HOLE BASE



000684
T&S EASY INSTALL PRE-RINSE SPRING ACTION WALL MOUNT 8" CENTERS ETERNAL CARTRIDGES



608339
T&S PRE-RINSE OVERHEAD SWIVEL ARM 8" WALL MOUNT B-0107 SPRAY VALVE



608341
T&S PRE-RINSE ROTO-FLEX DESIGN WALL MOUNT BASE 8" CENTERS 40" HEIGHT



608340
T&S PRE-RINSE 18" OVERHEAD SWIVEL ARM WALL MOUNT BASE 8" CENTERS



608335
T&S EASY INSTALL PRE-RINSE SPRING ACTION DECK MOUNT 8" CENTERS 800870 SPRAY



600027
T&S EASY INSTALL PRE-RINSE SPRING ACTION SINGLE HOLE BASE 18" FLEX LINES



605119
T&S EASY INSTALL PRE-RINSE WALL MOUNT 8" CENTERS 14" SWING NOZZLE



608351
T&S 44" FLEXIBLE HOSE STAINLESS STEEL BACKFLOW PREVENTER



608352
T&S ADD-ON FAUCET 12" NOZZLE LEVER HANDLE ETERNA CARTRIDGE



608353
T&S ADD-ON FAUCET 18" NOZZLE LEVER HANDLE



800870
T&S PRE-RINSE SPRAY HEAD 1.15 GPM



608342
T&S LOW FLOW SPRAY VALVE 0.65 GPM



805805
T&S 6" WALL BRACKET ASSEMBLY W/ MOUNTING HARDWARE



800847
T&S 9" WALL BRACKET ASSEMBLY W/ MOUNTING HARDWARE



800848
12" WALL BRACKET ASSEMBLY W/ MOUNTING HARDWARE FOR T&S

ZURN



600157
ZURN SINGLE BASIN METERING FAUCET



600158
ZURN CENTERSET METERING FAUCET 4" CENTERS



604455
ZURN SINGLE BASIN METERING FAUCET W/ CROSS HANDLE



609096
ZURN LAV FAUCET 4" CENTERS 4" BLADE HANDLES W/ 2.2 GPM AERATOR



604459
ZURN LAV FAUCET 4" CENTERS 2-1/2" LEVER HANDLES 2.2 GPM AERATOR



609087
ZURN GOOSENECK LAV FAUCET 4" CENTERS 2-1/2" LEVER HANDLES



603558
ZURN GOOSENECK LAV FAUCET 4" WRIST BLADE HANDLES 4" CENTERS



606054
ZURN AQUASPEC WALL MOUNT SERVICE SINK FAUCET W/ 8" CAST SPOUT & LEVER HANDLE



409151
MECHANICAL MIXING VALVE KIT



603446
THERMOSTATIC CONTROL VALVE ADA APPROVED



805441
ZURN 4" COVER PLATE



805442
ZURN 8" COVER PLATE

ZURN



609091
ZURN LABORATORY FAUCET GOOSENECK SINGLE HOLE MOUNT W/ LEVER HANDLE



609095
ZURN WIDESPREAD LAV FAUCET 6-20" ADJUSTABLE CENTERS W/ LEVER HANDLES



603557
ZURN WIDESPREAD LAV FAUCET 6-20" ADJUSTABLE CENTERS W/ 4" BLADE HANDLES



609093
ZURN WALL MOUNT SINK FAUCET 8" CENTERS 2.2 GPM W/ 9-1/2" TUBULAR SPOUT



605104
ZURN WIDESPREAD LAV FAUCET 6-20" ADJUSTABLE CENTERS W/ 4" WRIST BLADE HANDLES



605101
ZURN WIDESPREAD LAV FAUCET WITH LEVER HANDLES 5" CAST SPOUT



609094
ZURN AQUASPEC WALL MOUNT FAUCET 8" CAST SPOUT W/ LEVER HANDLES



609084
ZURN AQUASPEC WALL MOUNT SERVICE FAUCET 2-1/2" VAC BREAKER SOUT LEVER HANDLES



603294
ZURN BED PAN WASHER FAUCET WALL MOUNT W/ VAC BREAKER 3/4"



609090
ZURN DOUBLE FOOT PEDAL VALVE FLOOR MOUNT 1/2" FIP INLET 3/8" FIP OUTLET



606154
ZURN WALL MOUNT SERVICE FAUCET W/ 6" VAC BREAKER 2-1/2" HANDLES



609083
ZURN DECK MOUNT PRE-RINSE SINGLE HOLE MOUNT 24" RISER 48" HOLE & WALL BRACKET



609081
ZURN SELF-CLOSING POT FILLER W/ INSULATED HANDLE



608517
ZURN SINGLE LEVER LAV FAUCET CHROME 2.2 GPM W/O POP-UP (SIERRA FAUCET)



605512
ZURN LAVATORY SENSOR FAUCET, 4" CENTER

ATLANTIC COASTAL SUPPLY INC.
ACSPARTS.NET (800) 520 - 0556

STAINLESS SINKS



104512
WALL MOUNTED HEAVY GAUGE STAINLESS STEEL SINK & FAUCET
10" x 15" x 5" BOWL DEPTH



008792
4-HOLE DOUBLE BOWL SINK 22 GAUGE STAINLESS STEEL
33" x 22" x 6"



500355
SINGLE BOWL STAINLESS STEEL KITCHEN SINK 4-HOLE 22 GAUGE
25" X 22" X 6-1/2" DEEP



403662
2-HOLE BAR SINK 23 GAUGE STAINLESS STEEL 4" CENTERS
15" x 15" x 5-1/2"



CUSTOM MADE STAINLESS STEEL SINKS BY JUST MFG., GRIFFIN, SERV-WARE & ADVANCE TABCO, MADE TO OEM FACTORY SPECIFICATIONS OR YOURS! CALL TODAY FOR PRICING AND DETAILS!

SINKS & PARTS



606002
ZURN CAST IRON SERVICE SINK 22" X 18"
W/ 9" BACKSPLASH 8" CENTERS



606003
ZURN CAST IRON SERVICE SINK 24" X 20"
W/ 9" BACKSPLASH 8" CENTERS



608500
WALL MOUNT SERVICE FAUCET LEVER
HANDLES OVERHEAD BRACE



809466
H/C STEM ASSEMBLY FOR SERVICE SINK



809467
VACUUM BREAKER REPAIR KIT FOR
SERVICE SINK



100536
SINGLE BOWL LAUNDRY TUB 20 GALLON
W/ DRAIN & FLOOR HARDWARE
25" X 23" X 13"



408800
STAINLESS STEEL DRAIN STRAINER FOR
FLOOR MOP SINK



101031
ZURN CAST IRON WALL HUNG LAV SINK 19"
x 17" FOR 8" CENTERSET FAUCET

101032
ZURN CAST IRON WALL HUNG LAV SINK 19"
x 17" FOR 4" CENTERSET FAUCET



101029
ZURN CAST IRON SELF-RIMMING LAV SINK
20" X 17" FOR 8" CENTERSET FAUCET

NOTES: _____



101017
ZURN CAST IRON WALL HUNG LAV SINK 20"
X 18" X 4" FOR 4" CENTERSET FAUCET

SIGNALING SYSTEMS

S19322 SERIES

- Recess signaling system
- Signal light and horn activated when Eyewash or shower is activated; preassembled
- Automatic, audible, and visual signaling system
- 1/2” or 1 1/4” NPT inlet piping
- For indoor applications
- Universal AC input: 90-264 AC, 50-60 Hz
- NEMA 1 signaling system



S19-322E

S19-322E - Standard Eyewash Alarm

- Flashing amber LED signal light with 6’ cord

S19-322D - Standard Shower/ Combination Alarm

- Flashing amber LED signal light with 6’ cord

S19-323 SERIES

- Signal light and horn activated when Eyewash or shower is activated; preassembled
- Automatic, audible, and visual signaling system
- 1/2” or 1 1/4” NPT inlet piping
- For indoor and outdoor applications
- Universal AC input: 90-264 AC, 50-60 Hz
- NEMA 3R signaling system



S19-323D

S19-323E - Standard Eyewash Alarm

- Amber signal light with 6’ cord

S19-323D – Standard Shower/ Combination Alarm

- Amber signal light with 6’ cord

S19-324 SERIES

- Signal light and horn activated when Eyewash or shower is activated; preassembled
- Automatic, audible, and visual signaling system
- 1/2” or 1 1/4” NPT inlet piping
- For indoor and outdoor applications
- Universal AC input: 90-264 AC, 50-60 Hz
- NEMA 4X signaling system
- Additional configurations available



S19-324E

S19-324E – Standard Eyewash Alarm

- Amber signal light with 6’ cord. Silence switch with auto reset.

S19-324EG – Standard Eyewash Alarm

- Amber signal light with green beacon light and 6’ cord. Silence switch with auto reset.



S19-324EG

S19-324EGW – Standard Eyewash Alarm

- Amber signal light, green beacon light, and white area light with a 6’ cord. Silence switch with auto reset.

S19-324D – Standard Shower/ Combination Alarm

- Amber signal light with 6’ cord. Silence switch with auto reset.

S19-324DG – Standard Shower/ Combination Alarm

- Amber signal light with green beacon light and 6’ cord. Silence switch with auto reset.

S19-324DGW – Standard Shower/ Combination Alarm

- Amber signal light, green beacon light, and white area light with a 6’ cord. Silence switch with auto reset.



S19-324D2D

S19-324D2D – Explosion Proof Class 1 Division 2 Shower/Combination Alarm

Amber signal light. Groups B, C, & D. S19324D2DHT for Heat Trace units

S19-324D1D – Explosion Proof Class 1 Division 1 Shower/Combination Alarm

- Amber signal light. Groups C & D. S19324D1DHT for Heat Trace units

EMERGENCY THERMOSTATIC VALVES

- ASSE 1071 certified
- Meet ANSI Z358.1 requirements
- Accurate temperature control to within +/- 3°F
- Adjustable set point temperature range 65°F to 95°F (18°C to 35°C). Factory set point is 85°F (29°C)
- Cold water fixed ports assure cold water flow
- Universal mounting capability
- Maximum operating pressure of 125 psi (860 kPA)
- Maximum inlet temperature of 180°F (82°C) with recommended inlet temperature of 120°F to 140°F (49°C to 60°C)



EFX8 Model S19-2000

- 7 GPM @ 30 PSI
- 1/2" (12.7mm) inlet, 1/2" (12.7mm) outlet
- 1.5 gpm (5.7 lpm) minimum flow capacity
- Accommodates one drench shower or one Eyewash



EFX20 Model S19-2150

- 30 GPM @ 30 PSI
- 3/4" (19mm) inlet, 1" (25.4mm) outlet
- 3 gpm (11.4 lpm) minimum flow capacity
- Accommodates one drench shower or multiple Eyewashes



EFX50 Model S19-2250

- 62 GPM @ 30 PSI
- 1" (25.4mm) inlet, 1-1/4" (32.8mm) outlet
- 3 gpm (11.4 lpm) minimum flow capacity
- Accommodates one combination shower, up to two drench showers or multiple Eyewashes



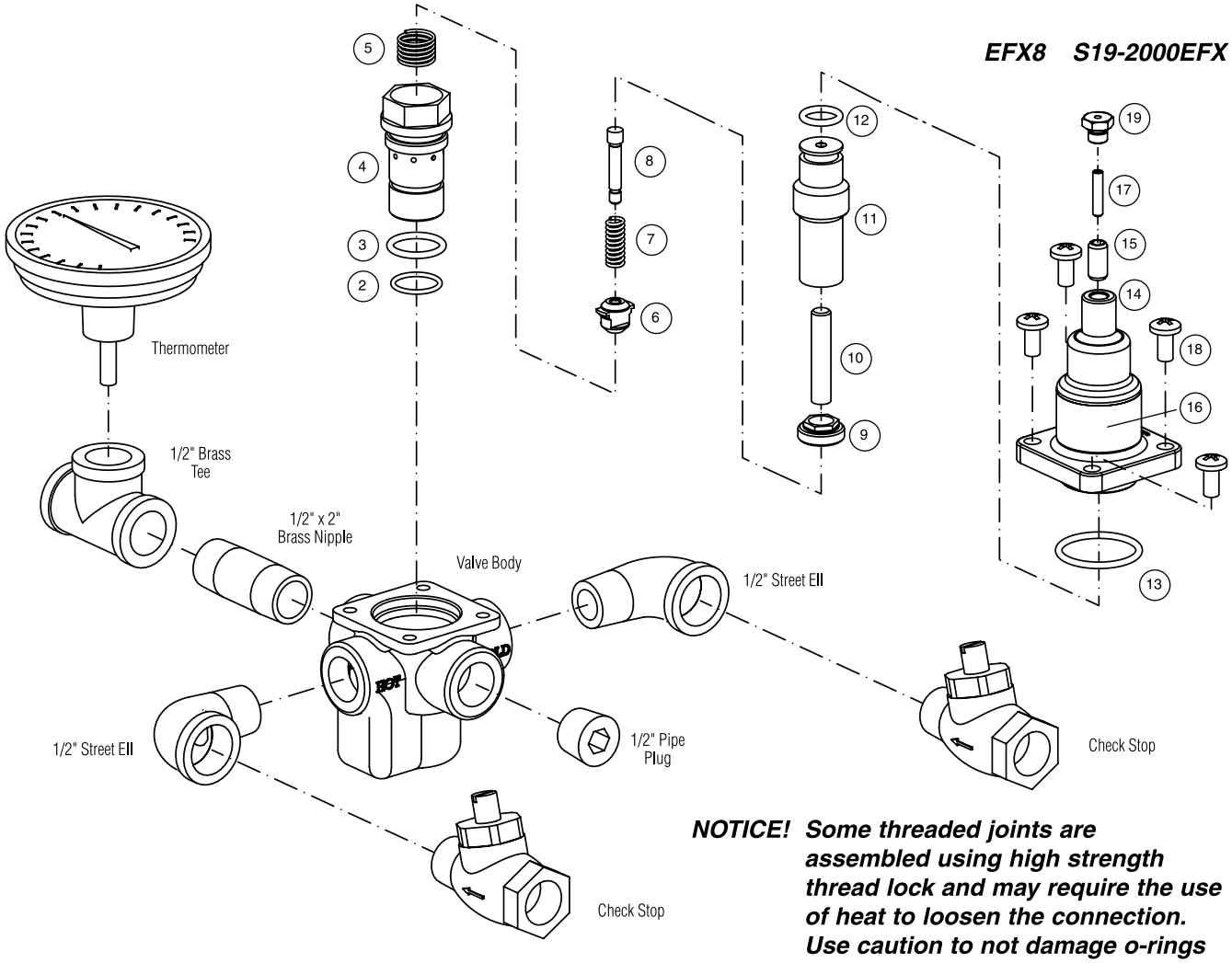
EFX120 Model S19-2350

- 79 GPM @ 30 PSI
- 1-1/4" (32.8mm) inlet, 1-1/2" (38.1mm) outlet
- 3 gpm (11.4 lpm) minimum flow capacity
- Accommodates up to two combination showers, three drench showers, or multiple Eyewashes

Flow Capacities gpm (lpm)								
Model	Minimum Flow	Pressure Drop — psi (bar)						
		5 (0.5)	10 (1.0)	15 (1.5)	20 (2.0)	30 (2.5)	45 (3.0)	60 (4.0)
EFX120	3.0 (11.4)	28.4 (108.0)	47.7 (181.0)	61.8 (234.0)	73.5 (278.0)	79.0 (299.0)	112.4 (426.0)	129.8 (491.0)
cold bypass only minimum of 23.2 gpm (87.8 lpm) at 30 psi (2.1 bar)								
EFX50	3.0 (11.5)	19.3 (74.8)	32.0 (124.0)	40.5 (157.0)	47.5 (184.1)	61.6 (233.2)	72.8 (282.1)	84.0 (325.5)
cold bypass only minimum of 44.2 gpm (167.3 lpm) at 30 psi (2.1 bar)								
EFX20	3.0 (11.4)	6.8 (25.7)	15.2 (57.5)	20.1 (76.1)	23.8 (90.1)	30.3 (114.7)	36.8 (139.3)	42.5 (160.9)
cold bypass only minimum of 16.9 gpm (64.0 lpm) at 30 psi (2.1 bar)								
EFX8	1.5 (5.5)	3.0 (13.5)	4.0 (19.0)	5.0 (23.5)	6.0 (27.0)	7.3 (30.5)	9.0 (33.5)	10.5 (38.5)
cold bypass only		2.3 (10.5)	3.2 (14.5)	4.0 (18.0)	4.6 (21.0)	5.6 (23.5)	6.8 (25.5)	7.7 (29.5)

EMERGENCY THERMOSTATIC VALVES

EFX8 S19-2000EFX



NOTICE! Some threaded joints are assembled using high strength thread lock and may require the use of heat to loosen the connection. Use caution to not damage o-rings or other components.

Thermostat Kit S65-171

Item	Qty.	Description
11	1	Thermostat
12	1	O-Ring
13	1	O-Ring

Piston & Liner Kit S65-172

Item	Qty.	Description
2	1	O-Ring
3	1	O-Ring
4	1	Liner
5	1	Spring
6	1	Piston
7	1	Spring
8	1	Overheat Screw
9	1	Upper Seat

O-Ring Kit S65-170

Item	Qty.	Description
2	1	O-Ring
3	1	O-Ring
12	1	O-Ring
13	1	O-Ring

Center Section Kit S65-303

Item	Qty.	Description
2	1	O-Ring
3	1	O-Ring
4	1	Liner
5	1	Spring
6	1	Piston
7	1	Spring
8	1	Overheat Screw
9	1	Upper Seat
10	1	Push Rod
11	1	Thermostat
12	1	O-Ring
13	1	O-Ring
14	1	Control Cap
15	1	Set Screw
16	1	Label
17	1	Set Screw
18	4	1/4 Screw
19	1	Cap

Kit numbers for rough brass finish. Contact Bradley for other configurations.

As of November 2001, the piston (Item 7) has replaced the seal holder and seal as a direct replacement.

As of June 2008, the brass control cap (item 15) has been replaced by a plastic cap. All internal components are identical.

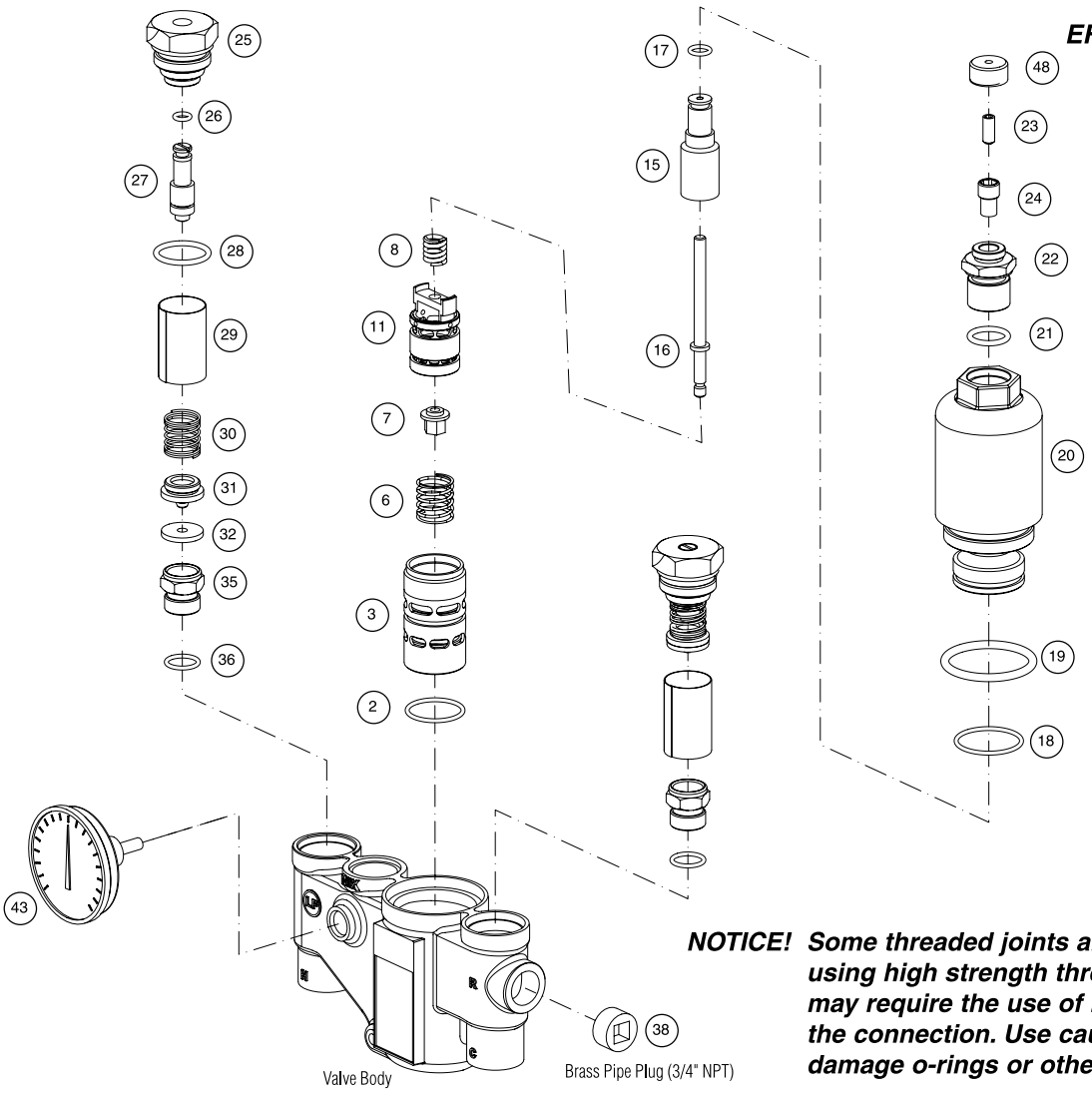
As of July 2012, the Temperature Adjustment Control (items 15, 17 and 19) have been updated and are compatible with all units using the plastic Control Cap (June 2008 to present).

Flexible Connection Lines for S19-2000EFX

When used with S19294JB, S19294JBT, order Part No. 269-653 (3 supplied with unit).

BRADLEY EMERGENCY THERMOSTATIC VALVES

EFX 20/S19-2150



NOTICE! Some threaded joints are assembled using high strength thread lock and may require the use of heat to loosen the connection. Use caution to not damage o-rings or other components.

Kit numbers for rough brass finish and standard range thermostat. Contact Bradley for other configurations.

Thermostat Kit S65-408

Item	Qty.	Description
15	1	Thermostat
17	1	O-Ring
21	1	O-Ring

Piston & Liner Kit S65-489

Item	Qty.	Description
2	1	O-Ring
3	1	Liner
6	1	Spring
7	1	Hex Nut
8	1	Spring
11	1	Piston
16	1	Pushrod

O-Ring/Seal Kit S65-410

Item	Qty.	Description
2	1	O-Ring
17	1	O-Ring
18	1	O-Ring
19	1	O-Ring
21	1	O-Ring
26	2	O-Ring
28	2	O-Ring
32	2	Seal
36	2	O-Ring

Check/Stop Kit S65-491

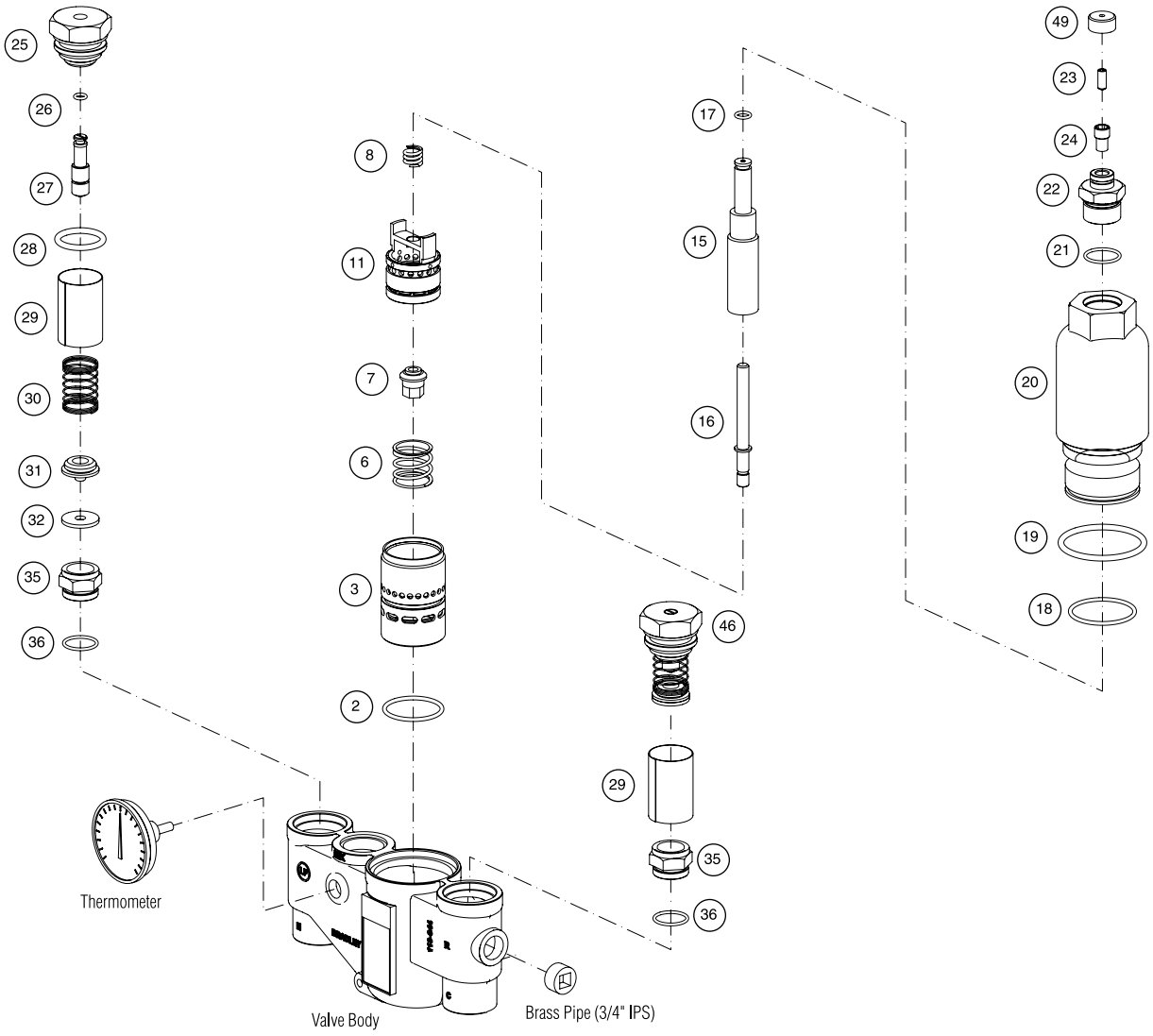
Item	Qty.	Description
25	2	Cap
26	2	O-Ring
27	2	Stem
28	2	O-Ring
29	2	Strainer
30	2	Supply Spring
31	2	Holder (for Seal)
32	2	Seal
35	2	Seat
36	2	O-Ring

Center Section Kit S65-490

Item	Qty.	Description
2	1	O-Ring
3	1	Liner
6	1	Spring
7	1	Hex Nut
8	1	Spring
11	1	Piston
15	1	Thermostat
16	1	Pushrod
17	1	O-Ring
18	1	O-Ring
19	1	O-Ring
20	1	Mixing Valve Cap
21	1	O-Ring
22	1	Control Cap
23	1	Set Screw
24	1	Screw
48	1	Limit Cover

EMERGENCY THERMOSTATIC VALVES

EFX 50/S19-2250



Kit numbers for rough brass finish and standard range thermostat. Contact Bradley for other configurations.

Thermostat Kit S65-412

Item	Qty.	Description
15	1	Thermostat
17	1	O-Ring
21	1	O-Ring

Piston & Liner Kit S65-486

Item	Qty.	Description
2	1	O-Ring
3	1	Liner
6	1	Spring
7	1	Hex Nut
8	1	Spring
11	1	Piston
16	1	Pushrod

O-Ring and Seal Kit S65-414

Item	Qty.	Description
2	1	O-Ring
17	1	O-Ring
18	1	O-Ring
19	1	O-Ring
21	1	O-Ring
26	2	O-Ring
28	2	O-Ring
32	2	Seal
36	2	O-Ring

Check/Stop Kit S65-488

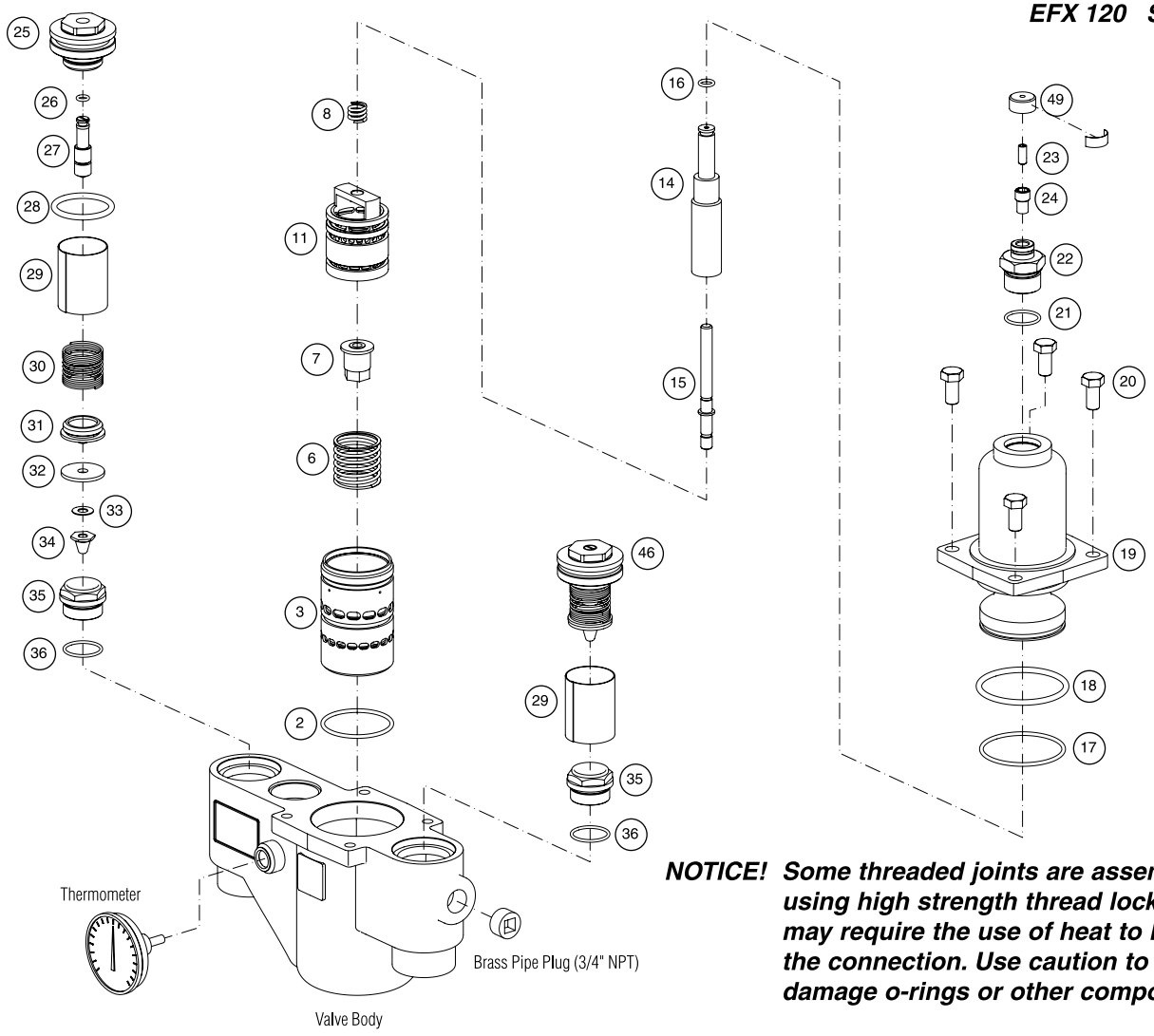
Item	Qty.	Description
25	2	Cap
26	2	O-Ring
27	2	Stem
28	2	O-Ring
29	2	Strainer
30	2	Check Spring
31	2	Holder (for Seal)
32	2	Seal
35	2	Seat
36	2	O-Ring

Center Section Kit S65-487

Item	Qty.	Description
2	1	O-Ring
3	1	Liner
6	1	Spring
7	1	Hex Nut
8	1	Spring
11	1	Piston
15	1	Thermostat
16	1	Pushrod
17	1	O-Ring
18	1	O-Ring
19	1	O-Ring
20	1	Mixing Valve Cap
21	1	O-Ring
22	1	Control Cap
23	1	Set Screw
24	1	Screw
49	1	Limit Cover

EMERGENCY THERMOSTATIC VALVES

EFX 120 S19-2350



NOTICE! Some threaded joints are assembled using high strength thread lock and may require the use of heat to loosen the connection. Use caution to not damage o-rings or other components.

Kit numbers for rough brass finish and standard range thermostat. Contact Bradley for other configurations.

Thermostat Kit S65-421

Item	Qty.	Description
14	1	Thermostat
16	1	O-Ring
21	1	O-Ring

Piston & Liner Kit S65-484

Item	Qty.	Description
2	1	O-Ring
3	1	Liner
6	1	Spring
7	1	Hex Nut
8	1	Spring
11	1	Piston
15	1	Pushrod

O-Ring and Seal Kit S65-423

Item	Qty.	Description
2	1	O-Ring
16	1	O-Ring
17	1	O-Ring
18	1	O-Ring
21	1	O-Ring
26	2	O-Ring
28	2	O-Ring
32	2	Seal
36	2	O-Ring

Check/Stop Kit S65-212

Item	Qty.	Description
25	2	Cap
26	2	O-Ring
27	2	Stem
28	2	O-Ring
29	2	Strainer
30	2	Spring
31	2	Holder (for Seal)
32	2	Seal
33	2	Washer
34	2	Nut
35	2	Seat
36	2	O-Ring

Center Section Kit S65-485

Item	Qty.	Description
2	1	O-Ring
3	1	Liner
6	1	Spring
7	1	Hex Nut
8	1	Spring
11	1	Piston
14	1	Thermostat
15	1	Pushrod
16	1	O-Ring
17	1	O-Ring
18	1	O-Ring
19	1	Mixing Valve Cap
20	4	Screw
21	1	O-Ring
22	1	Control Cap
23	1	Set Screw
24	1	Screw
49	1	Limit Cover

LABORATORY SAFETY EYE/FACE WASH

S19274C

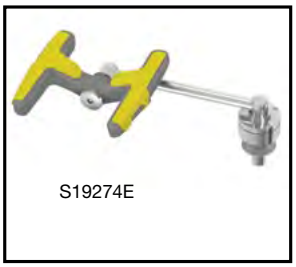
- Deck/counter-mounted Eyewash
- Durable, ceramic valve
- Swings over sink for easy use
- Universal right or left hand mounting options
- UL classified to meet ANSI/ISEA Z358.1



S19274C

S19274E

- Deck/counter-mounted eye/face wash
- Durable, ceramic valve
- Swings over sink for easy use
- Universal right or left hand mounting options
- UL classified to meet ANSI/ISEA Z358.1



S19274E

S19274HD

- Deck/counter-mounted Eyewash
- Durable, ceramic valve
- Swings down over sink for easy use
- UL classified to meet ANSI/ISEA Z358.1



S19274HD

S19274JD

- Deck/counter-mounted eye/face wash
- Durable, ceramic valve
- Swings down over sink for easy use
- UL classified to meet ANSI/ISEA Z358.1



S19274JD

S19-270B

- Stainless steel push handle
- Eyewash swings 360 degrees
- Right-hand activation
- UL classified to meet ANSI/ISEA Z358.1



S19-270B

S19-270BL

- Stainless steel push handle
- Eyewash swings 360 degrees
- Left-hand activation
- UL classified to meet ANSI/ISEA Z358.1



S19-270BL

S19-200B

- Faucet mounted Eyewash
- One-step activation
- Several adapters included
- UL classified to meet ANSI/ISEA Z358.1



S19-200B

S19-465EFW

- Deck/counter-mounted Eye/Face Wash
- Dual angled sprayheads
- UL classified to meet ANSI/ISEA Z358.1



S19-465EFW

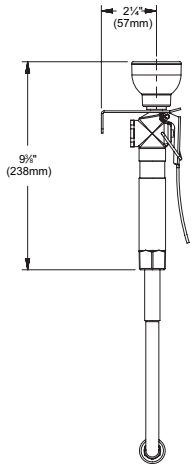
WALL MOUNTED DRENCH HOSES

S19-430D

- Single vertical sprayhead
- 6' (1.8 m) flexible stainless steel hose
- UL classified to meet ANSI/ISEA Z358.1 as a Supplemental Eyewash only



S19-430D



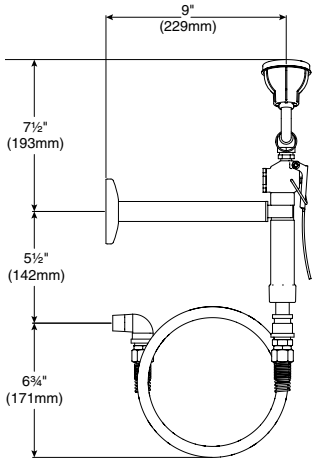
Dimensional Drawings

S19-44011ABC

- Dual vertical sprayheads
- ANSI-compliant Eye/Face Wash
- 12' (3.7 m) recoiling hose
- Squeeze handle activated
- UL classified to meet ANSI/ISEA Z358.1



S1944011ABC



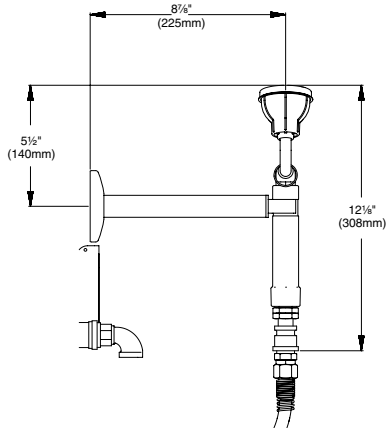
Dimensional Drawings

S19-44022ABC

- Dual vertical sprayheads
- ANSI-compliant Eye/Face Wash
- 12' (3.7 m) recoiling hose
- Paddle activation handle
- UL classified to meet ANSI/ISEA Z358.1



S1944022ABC



Dimensional Drawings

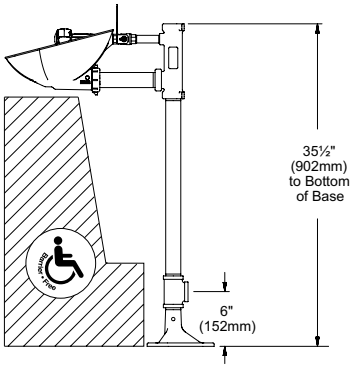
EYEWASH STATIONS

S19214FW

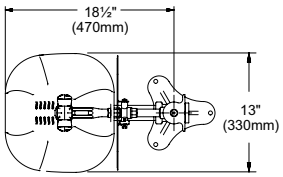
- Eye/Face Wash
- Galvanized steel protected with BradTect corrosion-resistant yellow coating
- Plastic bowl
- UL classified to meet ANSI/ISEA Z358.1



S19214FW



Eyewash Bowl



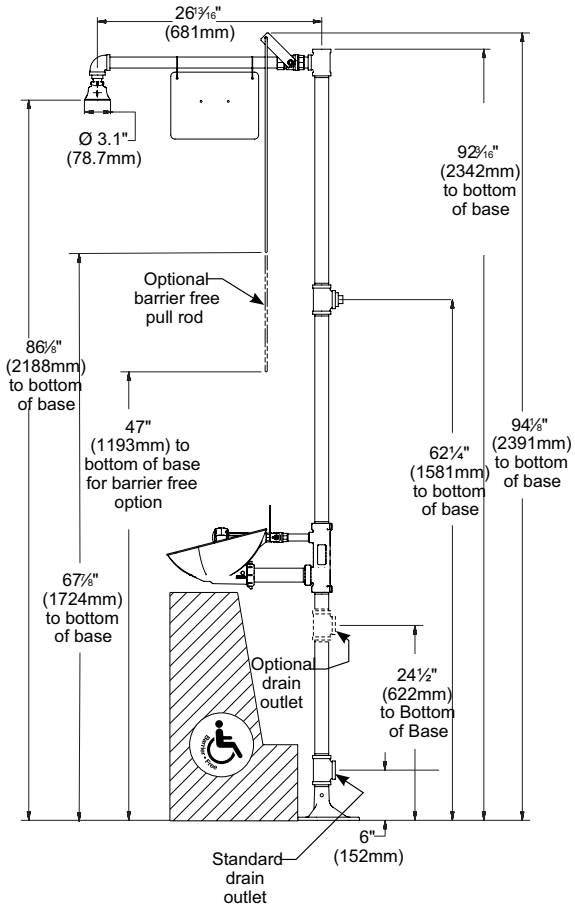
Dimensional Drawings

S19314EW

- Combination Drench Shower and Eyewash
- Galvanized steel protected with BradTect corrosion-resistant yellow coating
- Plastic bowl
- UL classified to meet ANSI/ISEA Z358.1



S19314EW



Dimensional Drawings

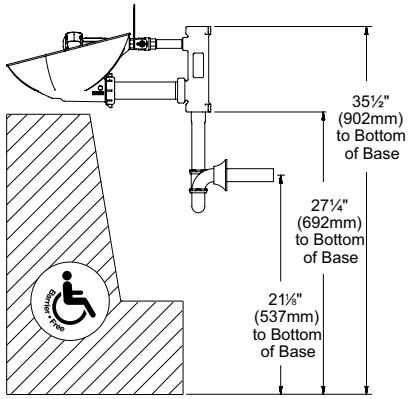
EYEWASH STATIONS

S19224FW

- Eye/Face Wash
- Galvanized steel protected with BradTect corrosion-resistant yellow coating
- Plastic bowl
- UL classified to meet ANSI/ISEA Z358.1



S19224FW



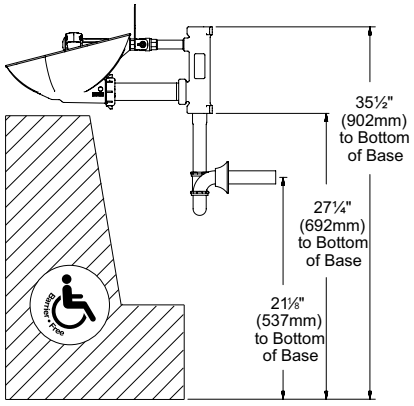
Dimensional Drawings

S19224T

- Eye/Face Wash
- Galvanized steel protected with BradTect corrosion-resistant yellow coating
- Stainless steel bowl
- UL classified to meet ANSI/ISEA Z358.1



S19224T



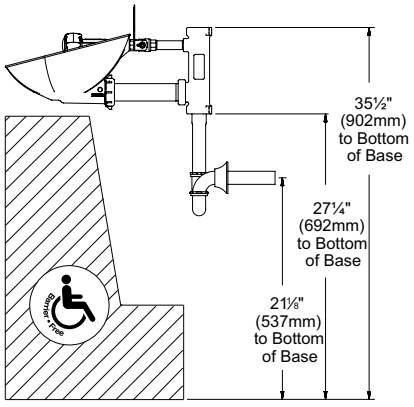
Dimensional Drawings

S19224EW

- Eyewash
- Galvanized steel protected with BradTect corrosion-resistant yellow coating
- Plastic bowl
- UL classified to meet ANSI/ISEA Z358.1



S19224EW



Dimensional Drawings

PORTABLE PRESSURIZED & ON-SITE EYEWASHES

ON-SITE HEATER JACKET RETROFIT KIT



☐ **S19-921HR (pedestal not included)**

Protects against freezing down to -20°F (-29°C)
Insulated heater jacket conceals a 121-watt heater
Secondary thermostat prevents overheating if primary thermostat fails
All UL-listed components; requires 120-volt AC

ON-SITE WASTE CART



☐ **S19-399**

High-visibility yellow.
Captures used fluid; 56-gallon capacity.
Tapered sump, easy to drain.

HEATER JACKET RETROFIT KITS FOR PORTABLE PRESSURIZED EYEWASH TANKS



Thermostatically controls water in weather conditions down to -10°F (-23°C); uses standard 120 VAC. Tanks not included

☐ **S19-671HR (shown at right)**

Heater jacket retrofit kit for 5-gallon tank

☐ **S19-690HR (shown at left)**

Heater jacket retrofit kit for 10-gallon tank

☐ **S19-788HR (shown at center)**

Heater jacket retrofit kit for 15-gallon tank

TRANSPORT CART FOR PRESSURIZED EYEWASH TANKS



☐ **S19-690A**

Four-wheel stainless steel transport cart. For use with eyewash tanks without heater jackets (eyewash tanks not included)

DRENCH HOSE SPRAY KITS



☐ **S19-430EH**

Drench hose spray kit with valve, drench hose sprayhead, hose, inspection tag and hardware. For use with eyewashes; provides a body water drench



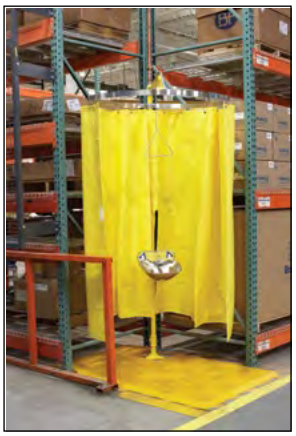
☐ **S19-430SH**

Drench hose spray kit with valve, drench hose sprayhead, hose, inspection tag and hardware. For use with drench showers; provides a body water drench

SAFETY ACCESSORIES

NOTES: _____

PRIVACY CURTAIN



☐ **S19-330**

- Provides privacy to shower user in emergency situations
- Universal mounting
- 3-ply, vinyl laminate, curtain reinforced at top and bottom
- Chemical and mildew resistant; waterproof
- High-visibility yellow color
- Dimensions: 70"L x 145"W
- Stainless steel, corrosion resistant curtain rail and mounting brackets
- Rail dimensions: 1½" x 42" diameter
- Not compatible with barrier-free, PVC and heat trace units – contact Bradley for more information

DRENCH SHOWER TESTER



☐ **S19-330ST**

- Heavy-duty tester for required weekly activation
- Watertight funnel with weighted bottom
- 84" long with 8' telescoping aluminum handle
- Includes testing record card

RETROFIT CLASSIC DUST COVERS



☐ **S45-1964**

For use with any Bradley plastic eyewash bowl. Plastic bowl, dust cover, gasket and hardware.



☐ **S45-2396**

For use with any Bradley eyewash bowl. Stainless steel "clam shell" cover and bowl, stainless steel handle, tether and quick release pin.

SAFETY REPLACEMENT PARTS

NOTES: _____

EYEWASH BOWLS



☐ **154-058**

Impact-resistant plastic eyewash bowl, 10" diameter



☐ **187-053**

Corrosion-resistant stainless steel bowl, 10¾" diameter

DUST CAPS



☐ **107-371**

Eyewash dust caps only (sold individually; two required per eyewash). Yellow plastic tether. Approximately 1" x 1".



☐ **S53-063**

Dual Eye/Face wash dust caps only (sold individually; two required per eyewash). Beaded chain tether, 2¼" x 1".



☐ **S53-310**

Eyewash dust cap (sold individually; two required per eyewash). Beaded chain tether, 1" x 1".

SPRAYHEAD AND SPRAY RING ASSEMBLIES



☐ **S39-394**

Eyewash sprayhead assembly with supply stem



☐ **S39-396**

Eye/face wash sprayhead assembly with supply stem



☐ **S39-681**

Eye/face wash sprayhead assembly; stem not included

☐ **S39-682 (not shown)**

Eye/face wash sprayhead assembly for use with PVC unit only. Stem not included



☐ **S45-2453**

Eye/face wash (sprayheads only) Includes 2.4 GPM flow control inside each head. Total flow from dual heads is 4.8 gpm



☐ **S39-397**

Eyewash and spray ring assembly with supply stem



☐ **S05-127**

Spray ring only; requires cross-connection yoke for attachment to eyewash

EYEWASH BALL VALVES, HANDLES & HARDWARE

NOTES:



☐ **S45-122**

Plastic eyewash handle with ½" brass NPT stay-open ball valve and hardware

☐ **S45-123**

Plastic eyewash handle with hardware

☐ **128-135**

Plastic eyewash handle only

☐ **S27-282**

Brass ½" NPT stay-open ball valve only



☐ **S30-070**

Stainless steel eyewash handle with ½" brass NPT stay-open ball valve and hardware

☐ **S30-071**

Stainless steel eyewash handle with hardware

☐ **S08-336**

Stainless steel eyewash handle only

☐ **S27-282**

Brass ½" NPT stay-open ball valve only



☐ **S30-072**

For stainless steel hinged dust covers only. Stainless steel eyewash handle with ½" brass NPT stay-open ball valve and hardware

☐ **S30-087**

For stainless steel hinged dust covers only. Stainless steel eyewash handle with hardware

☐ **S27-282**

Brass ½" NPT stay-open ball valve only



☐ **S30-074**

For S19-270BL (left-hand) eyewash only. Stainless steel eyewash handle with ½" brass NPT stay-open ball valve and hardware

☐ **S30-075**

For S19-270BL (left-hand) eyewash only. Stainless steel eyewash handle with hardware

☐ **S27-282**

Brass ½" NPT stay-open ball valve only



☐ **S30-109**

Stainless steel eyewash handle with ½" stainless steel NPT stay-open valve

☐ **S30-110**

Stainless steel eyewash handle with ½" vented stainless steel NPT stay-open ball valve

☐ **S30-111**

316 stainless steel eyewash handle without dust cover with ½" stainless steel NPT stay-open ball valve

☐ **S30-116**

316 stainless steel eyewash handle with hardware



☐ **S30-112**

Stainless steel eyewash handle with dust cover with ½" stainless steel NPT stay-open ball valve



☐ **S08-338**

For all-stainless steel units only. Stainless steel eyewash handle (can only be used with S27-287 ball valve)

☐ **S08-338SS**

For all 316 stainless steel units only. 316 stainless steel eyewash handle (can only be used with S27-287 ball valve)



☐ **S27-287**

Stainless steel ½" NPT stay-open ball valve Discontinued 4/1/2013 S30-109 or S08-338 are available for replacement parts.

SAFETY REPLACEMENT PARTS

STEM ASSEMBLIES, SPACERS AND FLOW RESTRICTORS

Sprayhead Assembly	Galvanized Fixture with Plastic Bowl	Galvanized Fixture with Stainless Steel Bowl	Standard Stainless Steel Fixture	316 Stainless Steel Fixture
Eyewash Only	S21-071 (stem) 113-1185 (stem spacer)	S21-071 (stem) 113-1159 (stem spacer)	S21-072 (stem) 113-1159 (stem spacer)	S21-075 (stem) 113-1159 (stem spacer)
Eye/Face Wash with Spray Ring	S21-073 (stem) 113-1185 (stem spacer)	S21-073 (stem) 113-1159 (stem spacer)	S21-074 (stem) 113-1159 (stem spacer)	None
Eye/Face Wash with Dual Black Heads	113-1150 (stem)	113-1150 (stem)	113-1151 (stem)	None

STEM ASSEMBLIES



☐ **S21-071**

Brass stem assembly with flow restrictor; for units with eyewash only

☐ **113-1150**

Brass stem only; for units with dual black eye/face wash heads



☐ **S21-072**

stainless steel stem assembly with flow restrictor; for stainless steel units with eyewash only

☐ **S21-075**

316 stainless steel stem assembly with flow restrictor; for 316 stainless steel units (with eyewash) only

☐ **113-1151**

stainless steel stem only; for stainless steel units with dual black eye/face wash heads



☐ **S21-073**

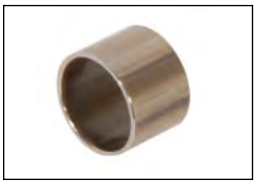
Brass stem assembly with flow restrictor; for units with eyewash and spray ring only



☐ **S21-074**

stainless steel stem assembly with flow restrictor; for stainless steel units with eyewash and spray ring only

STEM SPACERS



☐ **113-1159**

Stainless steel stem spacer; for use in units with stainless steel bowl



☐ **113-1185**

Black plastic stem spacer; for use in units with yellow plastic bowl

EYEWASH AND EYE/FACE WASH FLOW RESTRICTORS



☐ **125-167**

3.7 GPM pink flow restrictor; for eyewash with face spray ring only (stem not included)



☐ **125-032**

3.5 GPM black flow restrictor; for swing-activated and swing-down units

HALO MODEL PARTS

COVERS AND BOWL KITS



☐ **187-320**

Plastic bowl



☐ **S90-390**

☐ **Plastic bowl cover kit**



☐ **S90-391**

☐ **Stainless steel bowl kit**

☐ **S90-392**

☐ **316 stainless steel bowl kit**



☐ **S90-388**

☐ **Stainless steel bowl cover kit**

SPRAYHEAD ASSEMBLIES



☐ **S05-190**

☐ **Sprayhead assembly**



☐ **S05-192**

☐ **Sprayhead assembly**



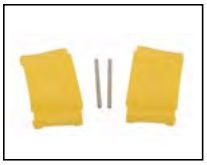
☐ **S05-204**

☐ **304 Stainless steel sprayhead assembly**

☐ **S05-205**

☐ **316 Stainless steel sprayhead assembly**

DUST COVER KITS



☐ **S45-2675**

☐ **Eyewash cover kit**



☐ **S45-2676**

☐ **Eye/Face wash cover kit**

BALL VALVES



☐ **S27-327**

☐ **Chrome-plated brass ½" ball valve**

☐ **S27-328 (not shown)**

☐ **Stainless steel ½" ball valve**

O-RING AND FLOW CONTROL



☐ **S65-339**

☐ **O-ring and Screen**



☐ **S88-068**

☐ **O-ring and flow control**

HANDLE KIT



☐ **S08-390**

☐ **Handle Kit**

ATLANTIC COASTAL SUPPLY INC.
ACSPARTS.NET (800) 520 - 0556

SPINETIC™ SHOWERHEAD & DRENCH SHOWER

- Includes integral 22gpm flow restrictor
- Fully distributes water throughout spray pattern
- Compact design minimizes footprint in your facility



☐ **S24-192**

Plastic shroud and ring (showerhead not included)



☐ **S24-193**

Stainless steel shroud and ring (showerhead not included)



☐ **S24-194**

Plastic showerhead and 1" diameter 90° elbow



☐ **S24-200**

Stainless steel showerhead and 1" diameter 90° elbow



☐ **S24-195**

Plastic shroud with ring, plastic showerhead and 1" diameter 90° elbow



☐ **S24-196**

Stainless steel shroud with ring, plastic showerhead and 1" diameter 90° elbow



☐ **S24-202**

Plastic showerhead, white steel in-ceiling recessed shroud assembly, ring, coupling and 1" diameter 90° elbow



☐ **154-147**

Ring only



☐ **128-156A**

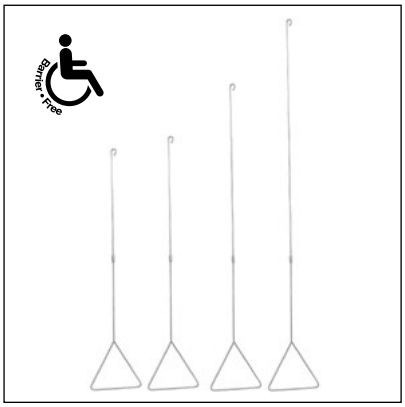
Drench shower handle for standard (non-barrier-free) units (25½" x 9")

☐ **128-156B**

Drench shower handle for flush-mount (non-barrier-free) units (36" x 9")

☐ **128-156G**

Drench shower handle for heat trace units (27" x 9")



☐ **128-156C**

Drench shower handle (48" x 9")

☐ **128-156D**

Drench shower handle (standard; shipped with barrier-free showers) (45½" x 9")

☐ **128-156E**

Drench shower handle (57" x 9")

☐ **128-156F**

Drench shower handle (69" x 9")



☐ **S30-059**

Chrome-plated brass 1" NPT ball valve with lever - recommended for optimal performance

☐ **S27-278**

Chrome-plated brass 1" NPT ball valve only

☐ **S30-061 (not shown)**

Stainless steel 1" NPT ball valve with lever

☐ **S27-276 (not shown)**

Stainless steel 1" NPT ball valve only



☐ **S19-0011 Self-closing ball valve**

NOTE: Self-closing ball valves are not ANSI Z358.1 compliant Appendix B3. However an exception may be made in a 'school laboratory' situation. Contact local authorities regarding specific application

DRENCH HOSE PARTS

NOTES:

HOSES



☐ **S89-002**

8' thermoplastic hose; yellow

☐ **S89-003**

6' stainless steel hose



☐ **269-053**

12' thermoplastic hose; yellow



☐ **269-054**

25' thermoplastic hose; yellow

HOSE GUIDE BRACKET



☐ **140-226**

Drench hose guide bracket

DRENCH HOSE REPLACEMENT PART VALVES



☐ **S39-817**

☐ **Replacement valve with drench hose sprayhead**

BACKFLOW PREVENTION



☐ **S27-303**

Dual-check backflow preventer compliant with ASSE 1024 & CSA B64.6 Watts Series 7



☐ **S45-2309**

Dual-check vacuum breaker compliant with CSA B64.6 Watts Series 9



☐ **S45-2310**

Dual-check backflow preventer compliant with ASSE 1012 Watts Series 9D; includes fittings for easy installation

SAFETY REPLACEMENT PARTS

SAFETY SIGNS AND TAGS



☐ **114-050**

Drench shower sign



☐ **114-051**

Eyewash sign



☐ **114-052**

Combination drench shower and eyewash sign



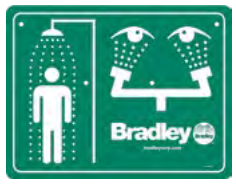
☐ **114-050E**

International safety drench shower sign



☐ **114-051E**

International safety eyewash sign



☐ **114-052E**

International safety combination drench shower and eyewash sign

FOOT TREADLE KITS



☐ **S45-572**

Foot treadle and hardware kit (with 3-foot chain) for standard pedestal-mounted eyewashes and combination shower/eyewash units with hand operation; provides supplemental foot operation

☐ **S45-1314SS**

Type 316 stainless steel foot treadle and standard stainless steel hardware kit for stainless steel pedestal-mounted eyewashes and combination shower/eyewash units

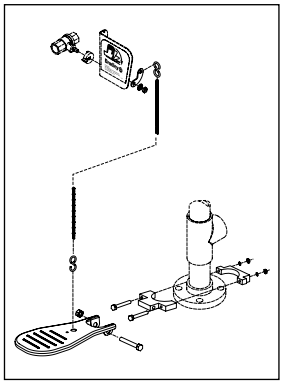
☐ **S45-1314SS16**

Type 316 stainless steel foot treadle and 316 stainless steel hardware kit for Type 316 stainless steel pedestal-mounted eyewashes and combination shower/eyewash units



☐ **S39-395**

Foot treadle and hardware kit for wall-mounted eyewashes with hand operation; provides supplemental foot operation



☐ **S45-620**

Foot treadle and hardware kit for model S19-310PVC combination drench shower and eyewash unit with hand operation; provides supplemental foot operation

ON-SITE PORTABLES



☐ **S19-949 On-Site Eyewash Kit**

Includes replacement cap, nine foam liners, inspection tag

☐ **269-1379 On-Site Water Foam Liner**

Perforated foam liner (sold individually)



☐ **133-140**

Gravity fed tank

MISCELLANEOUS SUPPLIES



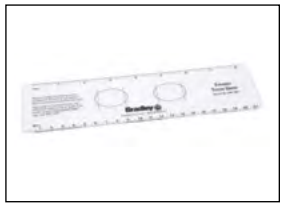
☐ **204-421**

Inspection Tag (sold individually)



☐ **269-964**

Safety yellow touch-up paint. 12-oz. aerosol



☐ **269-1444**

Eyewash test gauge

FREEZE & SCALD PROTECTION KITS

NOTES: _____

Freeze protection valves completely open at 35°F (1.6°C) and closes at 45°F (7.2°C)
Scald protection valves completely open at 105°F (40.5°C) and closes at 85°F (29.4°C)

☑ Classic combination units require both drench shower and eyewash protection valves.

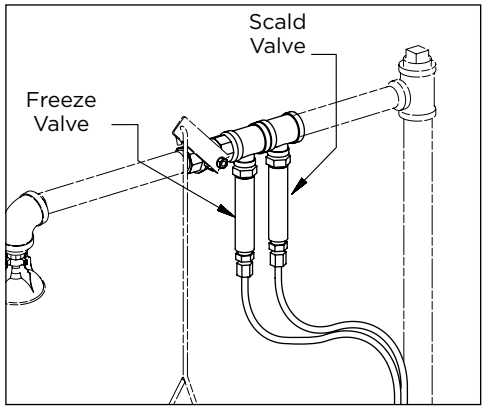


☐ **S45-1703**

Freeze protection replacement valve for drench showers and eyewashes

☐ **S45-1702**

Scald protection replacement valve for drench showers and eyewashes

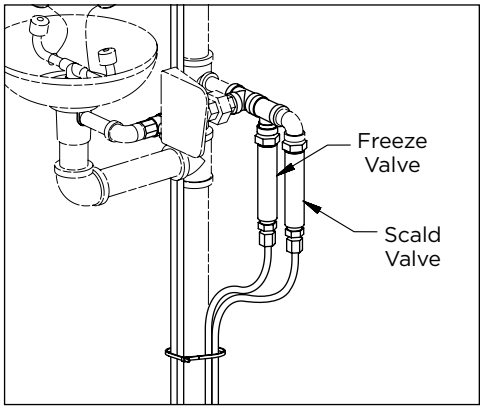


☐ **S45-1987**

Freeze protection kit for drench showers; includes freeze protection valve, tee, nipples, compression fitting, ball valve, tubing and cable tie

☐ **S45-1990**

Scald protection kit for drench showers; includes scald protection valve, tee, nipples, compression fitting, ball valve, tubing and cable tie



☐ **S45-1986**

Freeze protection kit for eyewashes; includes freeze protection valve, tee, nipples, compression fitting, ball valve, tubing and cable tie

☐ **S45-1989**

Scald protection kit for eyewashes includes scald protection valve, tee, nipples, compression fitting, ball valve, tubing and cable tie

OPTIONAL ADAPTERS

☐ **153-395**

Female, 13⁄16" x 24 — Chrome

☐ **153-396**

Male, 3⁄8" NPSM — Chrome

☐ **153-401**

Female, ¾" (Garden Hose) — Chrome

NOTES: _____

EYEWASH



004332

ENCON WALL MOUNT FOUNTAIN EYE WASH STATION YELLO-BOWL 10.8" DIAMETER 3.2 GPM

Specifications:

Piping and Valve: Chrome plated brass piping and stay open ball valve with stainless steel push plate and actuation graphics.

Head: ABS plastic dual stream heads, float off covers secured with stainless steel bead chain.

Bowl: High visibility ABS plastic Yello-BowlTM with 7" wall bracket

Regulator: Self adjusting 8.0 gpm regulator assurees a constant, even flow under varying hydraulic conditions

Supply: 1/2" NPT

Ship Weight: 5 lbs.

Waste: 1 1/4" Tube Connection



004333

ENCON WALL MOUNT FOUNTAIN EYE WASH 10.6" DIAMETER SS BOWL ACETAL HEADS 2.4 GPM

Specifications:

Piping and Valve: Chrome plated brass piping and stay open ball valve with stainless steel push plate and actuation graphics.

Head: ABS plastic dual stream heads, float off covers secured with stainless steel bead chain and chrome plated brass piping.

Bowl: Stainless steel bowl with 7 1/2" wall bracket.

Regulator: Self adjusting regulators assure a constant, even flow of 8.0 gpm under varying hydraulic conditions

Supply: 1/2" NPT

Ship Weight: 11 lbs.

Waste: 1 1/4" NPT



945800

ENCON DRENCH HOSE COUNTER MOUNT ASSEMBLY W/ LOCK OPEN SQUEEZE HANDLE

Specifications:

Description: Hand held single stream hose installed on sink/counter top area.

Valve: 3/8" chrome plated brass self closing squeeze valve with stay open locking handle and sing top mounting flange.

Head: Yellow ABS plastic single stream head and float off cover secured with stainless steel bead chain.

Hose: 6' synthetic rubber hose

Supply: 3/8" NPT

Ship Weight: 4 lbs.

*Vacuum breaker available upon request

Note: Single steam units do not satisfy ANSI Z358.1-1990 eyewash requirements and should only be used in support of primary eyewash equipment.

EYEWASH

607899
DECK MOUNTED 90° SWIVEL EYE/FACE WASH



Outlet Head Assembly: two Fine Spray outlet heads mounted on chrome plated brass supply arms. Each outlet head has self-regulating flow control, filter to remove debris from water and float-off dust cover.

Valve: ½" IPS chrome plated brass stay-open ball valve. Activated by epoxy-coated cast aluminum flag handle. Valve is made in USA.

Mounting: Unit mounts to countertop. Outlet heads swivel 90° from storage to operational position. Unit has positive stop to prevent head assembly from swinging more than 90°. Stop feature assures that, in an emergency, unit is easy to locate and handle will not be obscured.

Supply: ½" IPS male inlet. Furnished with locknut and washer for mounting to countertop

Sign: ANSI-compliant Identification sign.

Quality Assurance: Unit is completely assembled and water tested prior to shipping.

607900
Mounting On Left Hand Side Of The Sink

607897
WALL MOUNTED EYE WASH WITH PLASTIC BOWL



Outlet Head Assembly: two Gentile Spray outlet heads mounted on chrome plated brass supply arms. Each outlet head has self-regulating flow control, filter to remove debris from water and float off dust cover.

Valve: ½" IPS chrome plated brass stay-open ball valve. Activated by epoxy-coated cast aluminum flag handle. Valve is made in USA.

Bowl: 12" safety orange ABS plastic.

Supply: ½" IPS female inlet

Waste: 1¼" IPS female outlet.

Sign: ANSI-compliant identification sign.

Quality Assurance: Unit is completely assembled and water tested prior to shipping.

607898
Less Wall Mounting Bracket

607895
DECK MOUNTED EYE WASH/DRENCH HOSE



Outlet Head Assembly: Two gentle spray outlet heads mounted side-by-side on chrome plated brass elbow fittings. Each outlet head has Self-regulating flow control, filter to remove debris from water and float off dust cover.

Valve: Chrome plated forged brass squeeze valve activated by stainless steel lever handle. Valve haslocking clip which engages when handle is depressed, providing hands free operation. Valve stays open until locking clip is released. Valve is made in USA

Hose: 8' reinforced PVC hose. 300PSi maximum rated working pressure. Recommended pressure for unit is 80Psi maximum.

Mounting: Deck flange for countertop mounting. Flange has handle locator guide to assure that spray heads and handle face forward at all times.

Supply: 3/8" IPS male swivel-type inlet.Sign: ANSI-compliant identification sign.

Quality Assurance: Unit is completely assembled and water tested prior to shipping.

607894 WALL MOUNTED WASH/DRENCH HOSE W/ STAY-OPEN BALL VALVE



Outlet Head Assembly: two Gentile Spray outlet heads mounted on chrome plated brass supply arms. Each outlet head hasself-regulating flow control, filter to remove debris from water and float off dust cover.

Valve: ½" IPS chrome plated brass stay-open ball valve. Activated by epoxy-coated cast aluminum flag handle. Valve is made in USA.

Hose: 12' nylon recoiling hose. 180 PSI maximum rated working pressure. Recommended pressure for unit is 80 PSI maximum.

Mounting: Epoxy coated angled bracket with spring clips to mount unit on wall. Bracket holds spray heads positioned for use.

Supply: 3/8" IPS female inlet

Sign: ANSI-compliant Identification sign.
Quality Assurance: Unit is completely assembled and water tested prior to shipping.

607894
Drench hose only. Same as 607895 except with a single Fine Spray outlet head.

003187 OUTLET HEADS



Outlet heads are mounted 5" apart deliver a soft, aerated flow of water. Heads angle forward and inward toward user. Angle of heads is adjustable to permit full coverage and avoid splashing. Furnished with float off dust covers to protect outlet heads.

001466 OUTLET HEADS



Outlet heads are mounted 3" apart deliver a soft, aerated flow of water. Heads angle forward toward user. Angle of heads is adjustable to permit full coverage and avoid splashing. Furnished with float off dust covers to protect outlet heads.

EYEWASH



607893
GUARDIAN WALL MOUNT EYEWASH/ DRENCH HOSE UNIT W/ SQUEEZE VALVE

Outlet Head Assembly: Two gentle spray outlet heads mounted side-by-side on chrome plated brass elbow fittings. Each outlet head has self-regulating flow control, filter to remove debris from water and float-off dust cover.

Valve: Chrome plated forged brass squeeze valve activated by stainless steel lever handle. Valve has locking clip which engages when handle is depressed, providing "hands free" operation. Valve stays open until locking clip is released. Valve is made in USA.

Hose: 8' reinforced PVC hose. 300 PSI maximum rated working pressure. Recommended pressure for unit is 80 PSI maximum.

Mounting: Epoxy coated bracket with spring clips to hold unit to wall. Clips assure that spray heads and handle face forward at all times.

Supply: 3/8" IPS male swivel-type inlet.

Sign: ANSI-compliant identification sign.

Quality Assurance: Unit is completely assembled and water tested prior to shipping



607891
GUARDIAN SAFETY STATION COMBO SHOWER/EYEWASH W/ ORANGE PVC BOWL

Shower Head: 10" safety orange ABS plastic.

Shower Valve: 1" IPS chrome plated brass stay-open ball valve furnished with stainless steel actuating arm and heavy duty aluminum pull rod. Valve is made in the USA

Eye Wash Outlet Head Assembly: Two gentlespray outlet heads mounted on chrome plated brass supply arms.

Eye Wash Bowl: 12" safety orange ABS plastic.

Eye Wash Valve: 1/2" IPS chrome plated brass stay-open ball valve. Activated by epoxy-coated cast aluminum flag handle. Valves made in the USA.

Pipe and Fittings: 1-1/4" IPS Schedule 40 ot-dipped galvanized steel; 9" aluminum floorflange.

Supply: 1-1/4" IPS female top or side inlet.

Waste: 1-1/4" IPS female outlet. Sign: ANSI-compliant identification sign

ADDITIONAL MODEL - 607892
SAME AS 607891 EXCEPT WITH STAINLESS STEEL BOWL IN PLACE OF SAFETY ORANGE ABS PLASTIC.

EYE WASH/DRENCH STATION SUPPLY FITTING AND ADAPTOR
FOR EASY HOOK UP TO ANY CHROME PLATED 3/8" RISER LINE TO PROVIDE SUPPLY TO EYE WASH/DRENCH STATION UNITS



404759
3/8 X 3/8 COMPRESSION X MIP BRANCH TEE



404758
3/8 PIPE COUPLING



923501
1/4" SPRAY HEAD ASSEMBLY FULL SPRAY 2-1/4" OD 1/4" NPT FEMALE INLET



923500
1/4" SPRAY HEAD ASSEMBLY GENTLE SPRAY 1-1/4" OD 1/4" NPT FEMALE INLET



941451
ENCON POP-OFF EYE WASH COVER WITH CHAIN



924502
BRADLEY EMERGENCY EYE WASH COVER YELLOW PVC 1" X 1" W/ PLASTIC TETHER



600311
GUARDIAN FLANGE FOR DECK MOUNTED EYE WASH

SHAMPOO ITEMS



608502
SINGLE HANDLE SHAMPOO FAUCET W/ PULL-OUT SPRAY HEAD
60" HOSE LEVER HANDLES



604401
CENTRAL BRASS TWO HANDLE SHAMPOO FAUCET 4" CENTERS 1/2"
NPS X 1-7/8" SHANK



000464
CENTRAL BRASS TWO HANDLE SHAMPOO FAUCET 3 3/8" CENTERS
1/2" NPS X 1-7/8" SHANT



804708
SHAMPOO HOSE & SPRAY HEAD ASSEMBLY UNIT 48"



005658
SHAMPOO HOSE RECIEVER PLATE W/ GASKET & RETAINER

NOTES: _____

WATER COOLERS



601710
HALSEY TAYLOR COOLER WALL MOUNT ADA NON FILTERED 8 GPH STAINLESS STEEL



605124
HALSEY TAYLOR FLOOR MOUNT COOLER NON-FILTERED 3 GPH PLATINUM VINYL



603240
OASIS REMOVABLE RESERVOIR BOTTLE COOLER STATION HOT & COLD



601200
HALSEY TAYLOR WALL MOUNT BI-LEVEL ADA COOLER FILTERED 8 GPH PLATINUM VINYL



609641
MURDOCK BARRIER-FREE WALL MOUNT WATER COOLER 8 GPH REFRIGERATION



603774
MURDOCK BARRIER-FREE WALL MOUNT UNIVERSAL BI-LEVEL WATER COOLER 8 GPH



602213
ELKAY COOLER WALL MOUNT ADA NON-FILTERED 8 GPH LIGHT GRAY GRANITE



609669
MURDOCK BARRIER-FREE WALL MOUNT 8 GPH WATER COOLER W/ BOTTLE FILLER GRANITE FINISH



609605
MURDOCK BARRIER-FREE WALL MOUNT WATER COOLER W/ BOTTLE FILLER UNFILTERED

NOTES: _____

SECTION 4

FLUSH VALVES, BEDPAN WASHERS, AND REPAIR UNITS







ATLANTIC COASTAL SUPPLY INC.

FLUSH VALVES



1-1/2" TOP SPUD

920305
ZURN 3.5 GPF AQUAFLUSH FLUSH VALVE W/ CAST WALL FLANGE & SWEAT KIT

000914
ZURN 3.5 GPF AQUAFLUSH EXPOSED RETROFIT FLUSH VALVE BODY ONLY



3/4" TOP SPUD

920310
ZURN 1.5 GPF AQUAFLUSH EXPOSED MANUAL DIAPHRAGM URINAL FLUSH VALVE

920307
ZURN AQUAFLUSH 1.0 GPF EXPOSED MANAUAL DIAPHRAGM URINAL FLUS VALVE



1-1/2" TOP SPUD

920329
ZURN 3.5 GPF METROFLUSH PISTON EXPOSED CLOSET FLUSH VALVE

920328
ZURN 1.6 GPF METROFLUSH PISTON EXPOSED CLOSET FLUSH VALVE



3/4" TOP SPUD

920358
ZURN 1.5 GPF METROFLUSH PISTON EXPOSED URINAL FLUSH VALVE



601235
ZURN E-Z FLUSH SENSOR OPERATED BATTERY POWERED SLOAN/ZURN RETROFIT KIT FOR CLOSETS & URINALS

601236
ZURN E-Z FLUSH SENSOR OPERATED BATTERY POWERED DELANY VALVE RETROFIT KIT FOR CLOSETS & URINALS



920516
SLOAN REGAL FLUSHOMETER 3.5 GPF EXPOSED MANUAL 1-1/4" TOP SPUD URINAL

920517
SLOAN REGAL FLUSHOMETER 1.5 GPF EXPOSED MANUAL 1-1/4" TOP SPUD URINAL



920702
SLOAN ROYAL 3.5 GPF EXPOSED MANUAL FLUSHOMETER FOR URINAL 1-1/4 TOP SPUD

920705
SLOAN ROYAL 1.5 GPF EXPOSED MANUAL FLUSHOMETER FOR URINAL 3/4" TOP SPUD



920700
SLOAN ROYAL 3.5 GPM EXPOSED MANUAL CLOSET FLUSHOMTER 1-1/2" TOP SPUD

920701
SLOAN ROYAL 1.6 GPF EXPOSED MANUAL CLOSET FLUSHOMETER 1-1/2" TOP SPUD



921022
SLOAN REGAL MANUAL EXPOSED CLOSET FLUSHOMETER 3.5 GPF 1-1/2" TOP SPUD

920663
SLOAN REGAL MANUAL EXPOSED CLOSET FLUSHOMETER 1.6 GPF 1-1/2" SPUD



921023
SLOAN REGAL MANUAL EXPOSED URINAL FLUSHOMETER 1.5 GPF 3/4" SPUD



920158
DELANY EXPOSED FLUSHBOY COMMODE FLUSH VALVE 1.6 GPF

920161
DELANY EXPOSED FLUSHBOY COMMODE FLUSH VALVE 3.5 GPF



920832
DELANY EXPOSED FLUSHBOY URINAL FLUSH VALVE 3.0 GPF

920381
DELANY EXPOSED FLUSHBOY URINAL FLUSH VALVE 1.0 GPF

BEDPAN WASH UNITS



920775
SLOAN ROYAL MANUAL EXPOSED FLUSHOMETER 3.5 GPF 1-1/2" SPUD W/ GROUND JOINT CONNECTION



943582
ZURN BEDPAN DIVERTER COMPLETE ASSEMBLY



920318
SLOAN ROYAL EXPOSED MANUAL BEDPAN DIVERTER UNIT W/O DEOSEPTIC BOTTLE

920627
SLOAN BEDPAN DIVERTER & ARM ONLY



920315
ZURN BEDPAN DIVERTER BODY AND SPRAY ARM ONLY



008871
AMERICAN STANDARD BEDPAN CLEANER ASSEMBLY CHROME W/ SELF-CLOSING HANDLE



606654
AMERICAN STANDARD BEDPAN SQUEEZE SPRAY VALVE W/ 4' HOSE



800172
CHICAGO FAUCETS FULL FLOW SELF-CLOSING BED PAN SPRAY VALVE 3/4" UNS MALE INLET



001701
KOHLER TRITON BUILT IN BED PAN WASHER QUARTER-TURN CERAMIC DISC VALVE



920341
SLOAN ROYAL EXPOSED MANUEL BEDPAN DIVERTER UNIT W/ 2" OFFSET



921577
ROYAL COMPLETE BEDPAN WASHING SYSTEM 1.6 GPF

921578
ROYAL COMPLETE BEDPAN WASHING SYSTEM 3.5 GPF



920185
DELANY PRODUCTS BEDPAN DIVERTER WALL SUPPORT SPUD NUT & SPUD FLANGE

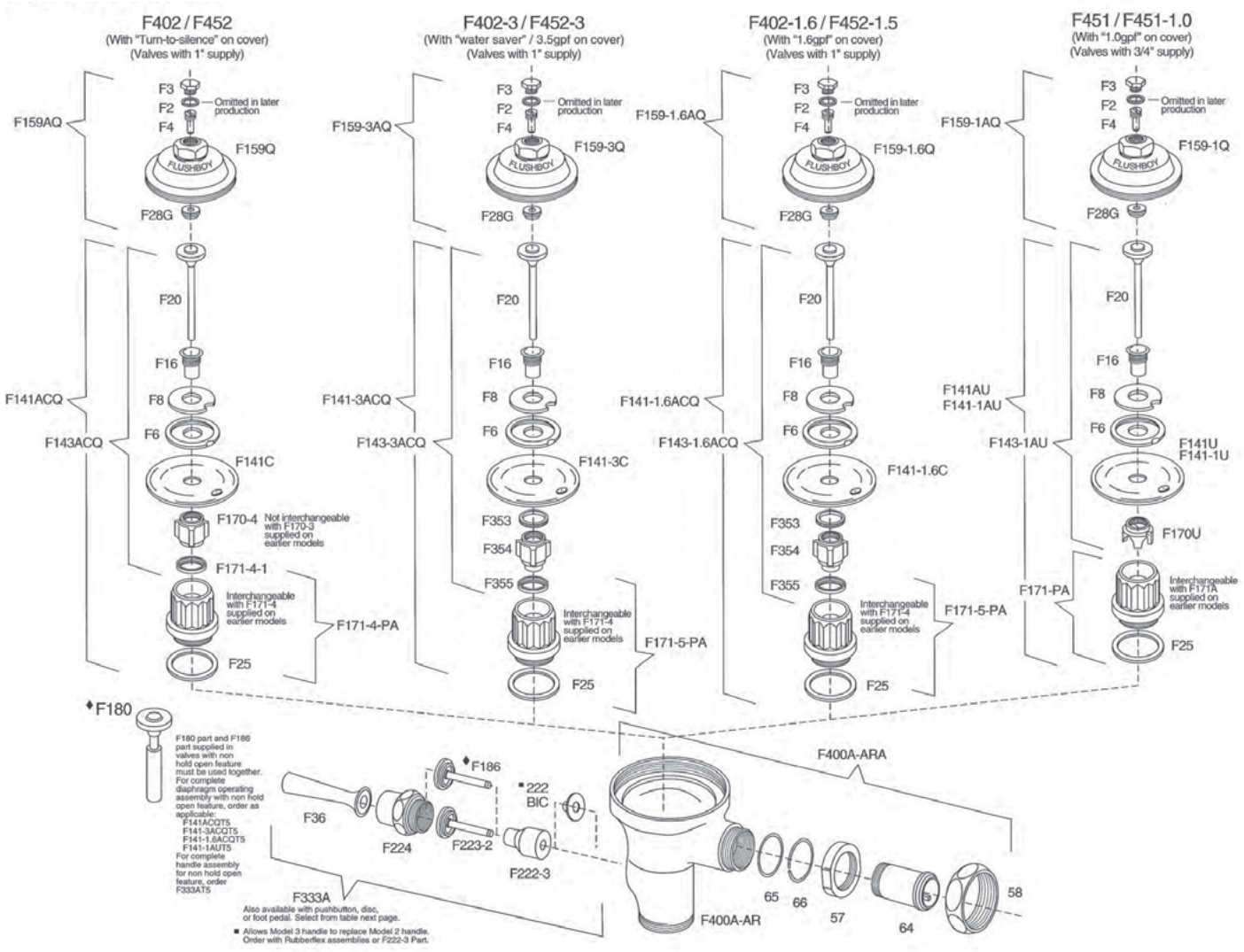


920042
AMERICAN STANDARD BEDPAN SPRAY ARM ASSEMBLY



920412
GROUND JOINT ADAPTER FOR DELANY STOPS

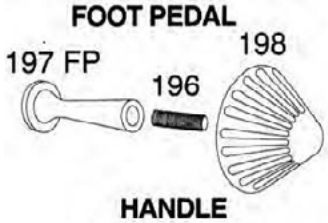
DELANY FLUSHBOY - GENUINE RENEWAL PARTS



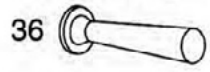
Actuators for Flushboy Valve

For use with both concealed and exposed valves, except as noted.

FOOT PEDAL



HANDLE



1/2" PUSH BUTTON

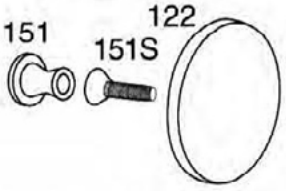


For use with exposed valves only

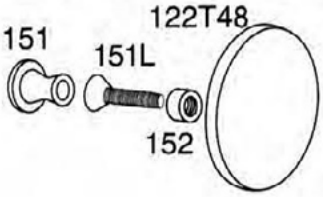


For use with concealed valves only

3" OSCILLATING DISC



3" OSCILLATING DISC
(For use with access panel)



DELANY REPAIR PARTS



920924
DELANY ONE PIECE BONNET ASSEMBLY FOR TURN-TO-SILENCE CONTROL STOP W/ CAP



920025
LEATHER CLOSET REPAIR KIT FOR DELANY FLUSHBOY
920020
LEATHER URINAL REPAIR KIT FOR DELANY FLUSHBOY



920163
DELANY FLUSHBOY RUBBER CLOSET REPAIR KIT
920164
DELANY FLUSHBOY RUBBER URINAL REPAIR KIT



920493
WHITE TIP OPERATING STEM FOR FLUSHBOY 1-3/16”
920045
DELANY FLUSHBOY OPERATING STEM WHITE TIP 1-7/8”



921665
DELANY FLUSHBOY OPERATING STEM 3-1/32”
808172
DELANY FLUSHBOY OPERATING STEM WHITE TIP 2-29/32”



920003
VACUUM BREAKER COWL NUT



920035
DELANY FLUSHOMETER FLEXER



920040
VACUUM BREAKER KIT FOR COYNE-DELANY

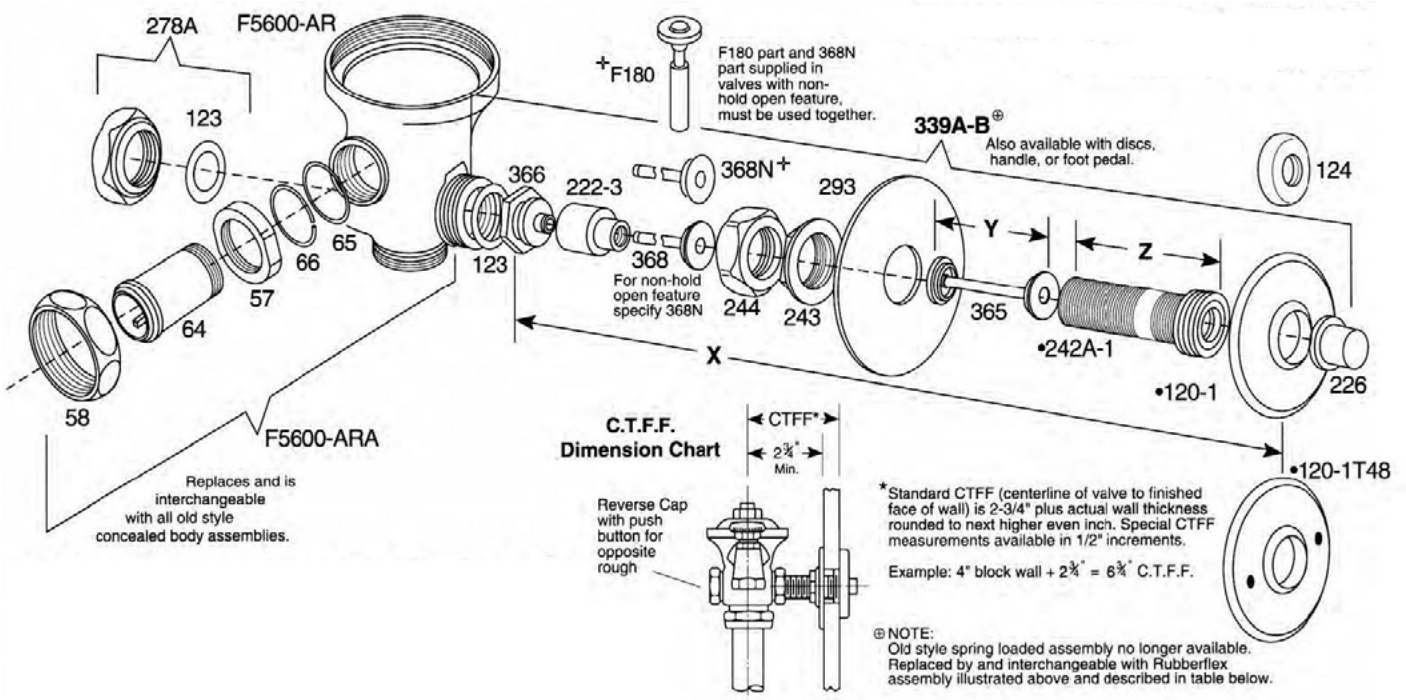


920165
DELANY DIAPHRAGM BUSHING PVC



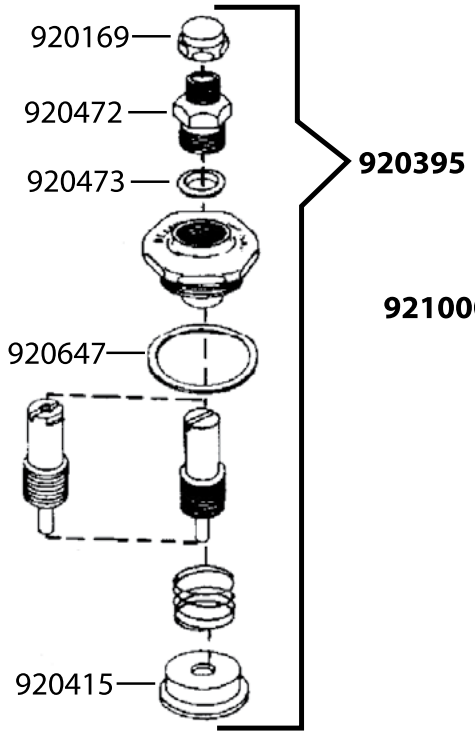
920170
DELANY FLUSHBOY AUXILIARY VALVE
920170G
GENERIC AUXILIARY VALVE FOR DELANY
920449
DELANY F180 AUXILIARY VALVE

DELANY CONCEALED - RENEWAL PARTS

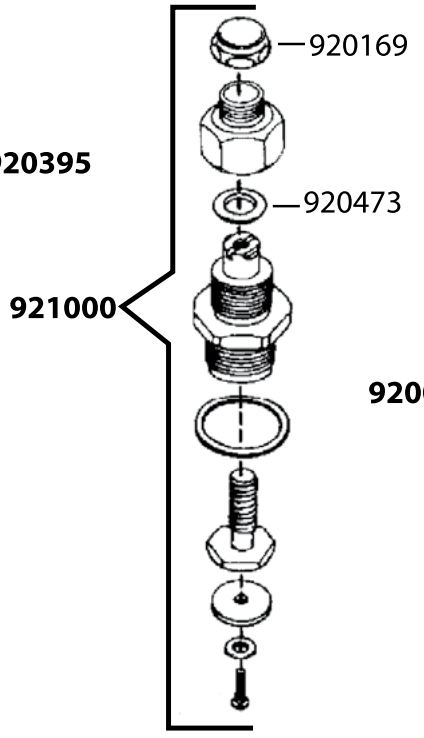


DELANY CONTROL STOP KITS

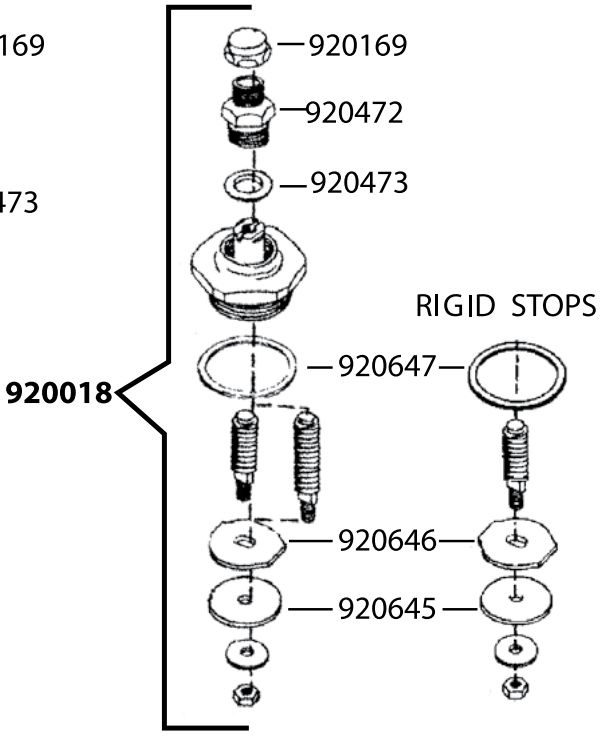
TURN-TO-SILENCE ANGLE OR STRAIGHT STOPS



3/4" AND 1/2" ANGLE STOPS

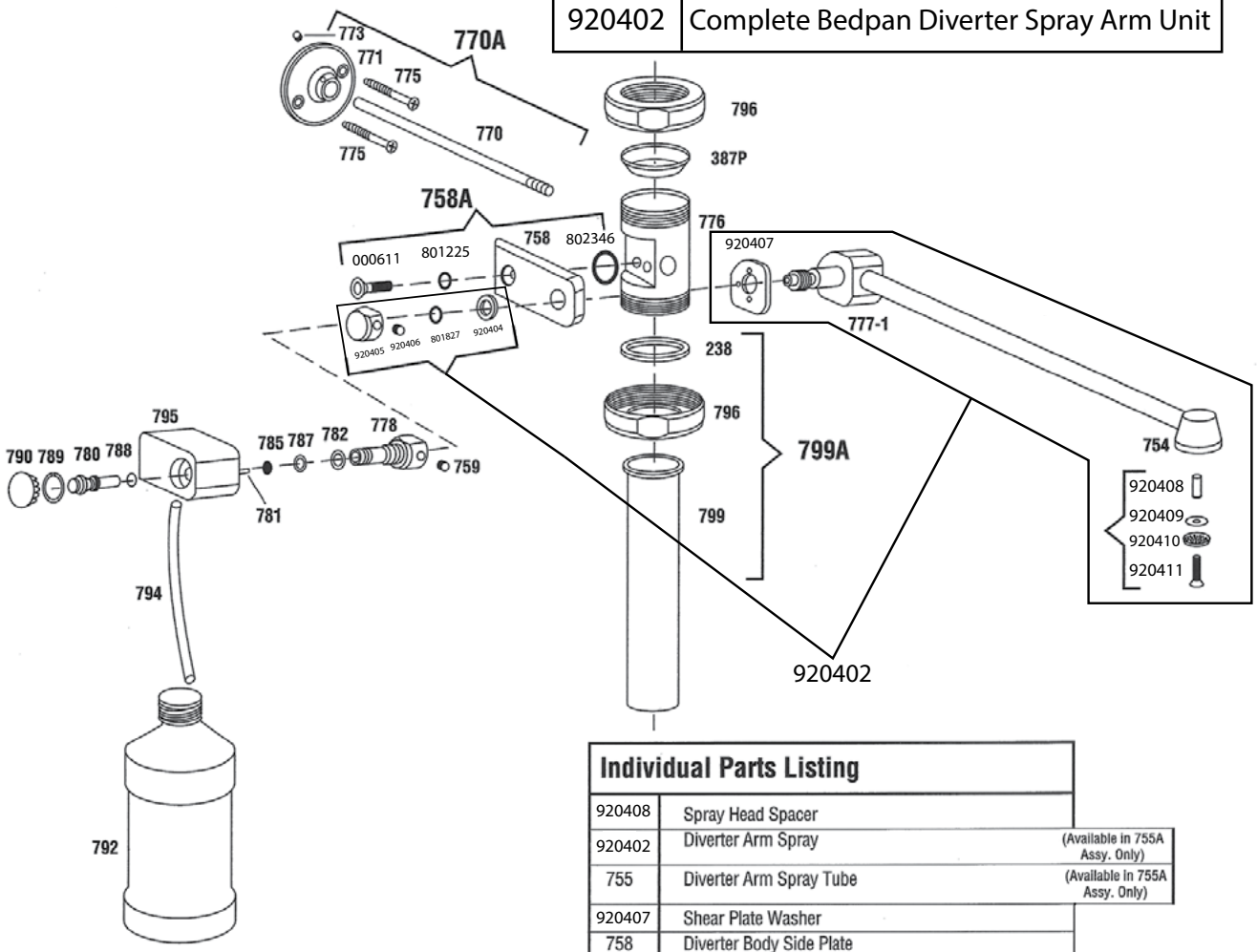


ANGLE OR STRAIGHT STOPS



DELANY BEDPAN DIVERTER

920185	Bedpan Diverter Valve Assembly, Wall Support Spud Nut & Flange W/O Bottle & Flush Valve
920402	Complete Bedpan Diverter Spray Arm Unit



Partial Assemblies

750A	Diverter Spray Head Assembly
755A	Diverter Spray Arm Assembly
755A-1	Diverter Spray Arm Assembly for Deoseptic Bottle Unit
758A	Diverter Side Plate Assembly
761A	Blank Spindle Nut Assemlby
770A	Wall Support Assembly
776A	Diverter Body Assembly
795A	Diverter Deoseptic Glock Assy. with spindle nut, & bottle with fluid.
799A	Diverter Lower Flush Connection Assembly

Individual Parts Listing

238	Coupling Washer
387P	Plastic Washer
920410	Spray Head Disc
920411	Spray Head Screw
920409	Spray Head Screen

Individual Parts Listing

920408	Spray Head Spacer	
920402	Diverter Arm Spray	(Available in 755A Assy. Only)
755	Diverter Arm Spray Tube	(Available in 755A Assy. Only)
920407	Shear Plate Washer	
758	Diverter Body Side Plate	
920406	Set Screw for Spindle Nut	
920404	Spindle Nut Washer (Plastic)	
920405	Blank Spindle Nut	
801827	"O"-ring for Spindle	
000611	Side Plate Screw	
801225	"O"-ring for Side Plate Screw	
802346	"O"-ring for Side Plate	
770	Wall Support Rod	
771	Wall Support Wall Plate	
773	Wall Plate Set Screw (10 - 24)	
773-1	Wall Plate Set Screw (6 - 32)	
775	Wall Plate Screw	
776	Diverter Body	
777-1	Diverter Arm Pivot Block	(Available in 755A Assy. Only)
778	Deoseptic Spindle Nut with set screw 759	
780	Deoseptic Regulating Screw	
781	Deoseptic Bottle Block Roll Pin	
782	"O"-ring for Deoseptic Spindle Nut	
785	Deoseptic Check Valve Ball	
787	"O"-ring for Deoseptic Spindle Nut	
788	"O"-ring for Deoseptic Regulating Screw	
789	Snap Ring	
790	Deoseptic Bottle Block Cap	
795	Deoseptic Bottle Block	
796	Diverter Coupling Nut	
792	Deoseptic Bottle	
794	Deoseptic Bottle Tube	
799	#259 (MOD) (1 1/2x7 3/4")	

MANSFIELD FLUSH VALVES & PARTS



100315
TIMER CARTRIDGE ASSEMBLY FOR MANSFIELD TORPEDO URINAL FLUSH VALVE PRESET TO 3/4 GALLONS PVC



920240
REPLACEMENT CARTRIDGE PISTON ASSEMBLY FOR MANSIFLED FLUSH VALVE

ATLANTIC COASTAL SUPPLY INC.
ACSPARTS.NET (800) 520 - 0556



100316
VALVE BODY DIAPHRAGM REPAIR KIT FOR MANSFIELD TORPEDO FLUSHOMETER VALVE

NOTES:

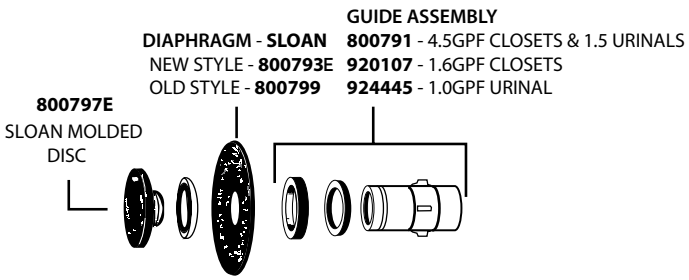
NOTES: _____

SLOAN



920371
SLOAN FLUSH VALVE CLOSET REPAIR KIT 4.5 GPF / 17 LPF (A-36-A)
920505
SLOAN FLUSH VALVE CLOSET REPAIR KIT 3.5 GPF / 13.2 LPF(A-38-A)
920847
SLOAN FLUSH VALVE CLOSET REPAIR KIT 1.6 GPF / 6.0 LPF (A-41-A)
920364
SLOAN FLUSH VALVE URINAL REPAIR KIT 1.5 GPF / 5.7 LPF (A-37-A)
920661
SLOAN FLUSH VALVE URINAL REPAIR KIT 1.0 GPF / 3.8 LPF (A-42-A)
924457
SLOAN FLUSH VALVE URINAL REPAIR KIT 0.5 GPF / 1.9 LPF (A-43-A)

DROP-IN COMPONET PARTS





800797E
SLOAN MOLDED DISC
800797
SLOAN MOLDED DISC PACK OF 12)



800793E
SLOAN DIAPHRAGM NEW STYLE
800793
SLOAN DIAPHRAGM NEW STYLE PACK OF 12



800799
SLOAN DIAPHRAGM ONLY OLD STYLE



800791
SLOAN GUIDE REPAIR KIT FOR 4.5 GPF CLOSETS & 1.5 GPF URINALS



920107
SLOAN LOW CONSUMPTION GUIDE REPAIR KIT



924445
SLOAN LOW CONSUMPTION GUIDE REPAIR KIT FOR 1.0 GPF URINAL

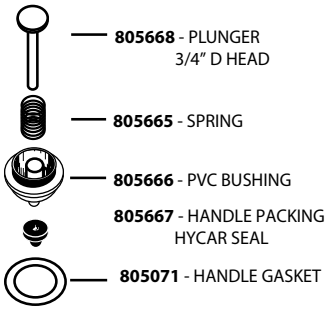


920006
SLOAN VACUUM BREAKER REPAIR KIT
920044
SLOAN VACUUM BREAKER REPAIR KIT FOR ROYAL VALVES

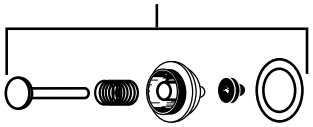


920362
SLOAN FRICTION RING

SLOAN HANDLE REPAIR KITS



920370 - FULL HANDLE REPAIR KIT PVC
920554 - FULL HANDLE REPAIR KIT BRASS



SLOAN



MASTER SLOAN REBUILD KIT - CONTAINS THE FOLLOWING:

200490 - O-RING PICK (1)
200495 - SLOAN SUPER WRENCH (1)
201106 - FLUSH VALVE TAIL PIECE (1)
700006 - STEM LUBE (1)
800792E - SLOAN CLOSET RELIEF VALVE (4)
800793E DIAPHRAGM (NEW STYLE) (10)
800807 - GUIDE ONLY (4)
800809 - MOLDED DISC (20)
800812 - URINAL RELIEF VALVE (4)
802346 - O-RING (20)
802349 - LOCK-RING FOR FLUSH VALVE STOP TAIL PIECE (3)
805071 - HANDLE GASKET (6)
805667 - HYCAR SEAL (18)
805681 - REFILL HEAD (10)
805682 - FLOW RING (10)
920006 - VACUUM BREAKER (10)
920081 - SLOAN 1 STOP CAP VP (2)
920082 - SLOAN 3/4 STOP CAP VP (2)
920361 - SLOAN SCREWDRIVER REP (3)
920363 - SLOAN SCREWDRIVER REP (3)
920370 - HANDLE REPAIR KIT, PVC (6)
920551 - FLOW RING, TURBO FOR URINAL (6)
920855 - HANDLE ASSEMBLY, NEW STYLE STANDARD LENGTH (3)
924442 - RELIEF VALVE, LOW CONSUMPTION CLOSET/URINAL (4)
924444 - FLOW RING (6)
942105 - ADJ METAL DRAWER W/9 DIVIDERS



800792
SLOAN CLOSET RELIEF VALVE FOR COMMODE WHITE PLASTIC

800794
SLOAN URINAL RELIEF VALVE BLACK PLASTIC



000689
SLOAN RELIEF VALVE TOILET ALL BRASS

000690
SLOAN RELIEF VALVE URINAL ALL BRASS



924442
SLOAN CLOSET RELIEF VALVE FOR URINAL LOW-CONSUPMTION GREEN



924014
SLOAN FLUSH VALVE DUAL FILTERED CLOSET BY-PASS DIAPHRAGM ASSEMBLY



920855
SLOAN HANDLE ASSEMBLY STANDARD LENGTH NEW STYLE



921038
SLOAN HANDLE ASSEMBLY HANDICAPPED LENGTH NEW STYLE



805667
SLOAN HYCAR SEAL HANDLE PACKING



920366
SLOAN CLOSET/URINAL DIAPHRAGM KIT NEW STYLE



920365
SLOAN CLOSET/URINAL REPAIR KIT WASHER KIT OLD STYLE

SPUD COUPLING ASSEMBLY



920295
3/4" SPUD ESCUTCHEON & COUPLING ASSEMBLY

920320
1-1/4" SPUD ESCUTCHEON & COUPLING ASSEMBLY

920325
1-1/2" SPUD ESCUTCHEON & COUPLING ASSEMBLY

REGAL FLUSHOMETER



The repair kits and parts listed on this page are designed to service all Sloan diaphragm type flushometers, including those manufactured for low consumption (LC) usage.

ABBREVIATIONS:
CP = Chrome plated
GPF= Gallons per flush
LPF= Liters per flush
LC = Low consumption
pkg = package



920674: 1-1/2" X 5" FLUSH VALVE PIPE SUPPORT BRACKET (SPLIT-RING TYPE)

941250: 1-1/2" X 6" FLUSH VALVE PIPE SUPPORT BRACKET (SPLIT-RING TYPE)

PARTS LIST

Item No.	Code No.	Part No.	Description
1.	921102	R-10	CP Cover
	—	R-10-HE	CP High Efficiency Cover
2.	921012**	A-71	Inside Cover
3A.	800792	A-19-AC	Relief Valve, White (Closet) – 12 per package
3B.	800794	A-19-AU	Relief Valve, Black (Urinal) – 12 per package
3C.	5301211	A-19-ALC	Relief Valve, Green (Closet/Urinal-LC) – 12 per package
3D.	0301143	A-19-AL	Relief Valve, Blue (9 Liter Closet)
4.	800797	A-15-A	Disc – for all Inside Parts Kits – 12 per package
5.	800793	A-156-A	Diaphragm – for all Inside Parts Kits – 12 per package
6A.	800791	A-163-A	Guide Assembly 4.5 gpf/17.0 Lpf Closet & 1.5 gpf/5.7 Lpf Urinal –12 per package
6B.	920689	A-152-A	Guide Assembly 3.5 gpf/13.2 Lpf Closet – 12 per package
6C.	920107	A-151-A	Guide Assembly 1.6 gpf/6.0 Lpf LC Closet – 12 per package
6D.	924445	A-155-A	Guide Assembly 1.0 gpf/3.8 Lpf LC Urinal – 12 per package
6E.	920109	A-157-A	Guide Assembly 0.5 gpf/1.9 Lpf Urinal – 12 per package
7.	SEE INSIDE PARTS KITS CHART ON PREVIOUS PAGE		
8.	808656	B-39	Seal – 12 per package
9.	920855	B-32-A	CP Handle Assembly – 6 per package
	921038	B-73-A	CP Handicap Handle Assembly (ADA Compliant)
10.	920374	A-6	CP Handle Coupling
11.	920432	B-7-A	CP Socket Assembly
12.	920921	B-32	CP Handle Grip – 12 per package
	0302389	B-74-A	CP Handicap Handle Grip (ADA Compliant)

Item No.	Code No.	Part No.	Description
13.	920370	B-50-A	Handle Repair Kit – 6 per package
14.	5301139	A-31	Handle Gasket – 48 per package
15.	920876	F-54-A	3/4" CP Spud Coupling Assembly
	920877	F-55-A	1-1/4" CP Spud Coupling Assembly
	920878	F-56-A	1-1/2" CP Spud Coupling Assembly
15A.	SEE SLIP JOINT GASKETS AND RINGS TABLE BELOW		
16.	920006	V-551-A	Vacuum Breaker Repair Kit
17.	925545	V-500-AA	3/4" x 9" CP Vacuum Breaker – 6 per package
	925540	V-500-AA	1-1/4" x 9" CP Vacuum Breaker – 6 per package
	924028	V-500-AA	1-1/2" x 9" CP Vacuum Breaker – 6 per package
18.	0308676	H-550	CP Stop Coupling
19.	920070	H-551-A	CP Adjustable Tailpiece 2-1/16" long
20A.	802621	H-553	O-ring – 24 per package
20B.	802349	H-552	Locking ring – 12 per package
21.	923011	H-790-A	1" Screwdriver Bak-Chek Stop CP – complete
	0388064	H-790-A	3/4" Screwdriver Bak-Chek Stop CP – complete
	0388029	H-740-A	1" Screwdriver Bak-Chek Stop CP – OBSOLETE
	0388031	H-740-A	3/4" Screwdriver Bak-Chek Stop CP – OBSOLETE
22.	920363	H-541-ASD	1" Control Stop Repair Kit *
	920361	H-543-ASD	3/4" Control Stop Repair Kit **
23.	807515	H-622	CP Bonnet (Current Regal)
.	0308991	H-639	CP Bonnet – Pre 2010 Regal Stops*
	807516	H-538	CP Bonnet ** – OBSOLETE NLA
24.	802725	H-1012-A	CP Cap – 6 per package VP
25.	5310034	J-2/J-7	Bumper Assembly – 6 per package – OBSOLETE NLA
26.	925331	H-574	Stop Cap, chrome plated with Seat Bumper (-YO)
27.	922447	H-576	Stop Cap, chrome plated with Extended Seat Bumper (-YG)
28.	5388002	H-528	Hole Plug
29.	3388015	H-1015	Flow Control Kit (HEU Only) (not Shown)

*For use with 1" and 3/4" H-740-A CP (less cap) and 1" – H-540-A CP (with H-37 cap) Bak-Chek screwdriver control stops

**For use with 3/4" H-740-A CP Bak-Chek screwdriver control stops

ITEM 15A. SLIP JOINT GASKETS AND RINGS

Size	Code No.	Part No.	Description
1-1/2"	407058	F-3	Red Friction Ring
	5322001	VBF-5	Black Slip Joint Gasket
	921291	S-30	Flexible Seat
	920291	S-21	Rigid Seat (rubber over brass)
1-1/2" x 1-1/4"	0396062	F-105	Slip Joint Gasket – Rigid
1-1/4"	400001	F-3	Red Friction Ring
	800005	VBF-5	Black Slip Joint Gasket
	0307052/5307052	G-21	Rigid Seat (rubber over brass)
1"	5306056	F-3	Red Friction Ring
	5306115	F-5	Black Slip Joint Gasket
3/4"	407055	F-3	Red Friction Ring
	407056	F-5	Black Slip Joint Gasket

** For valves made prior to mid-year 1971, use inside cover 920414.

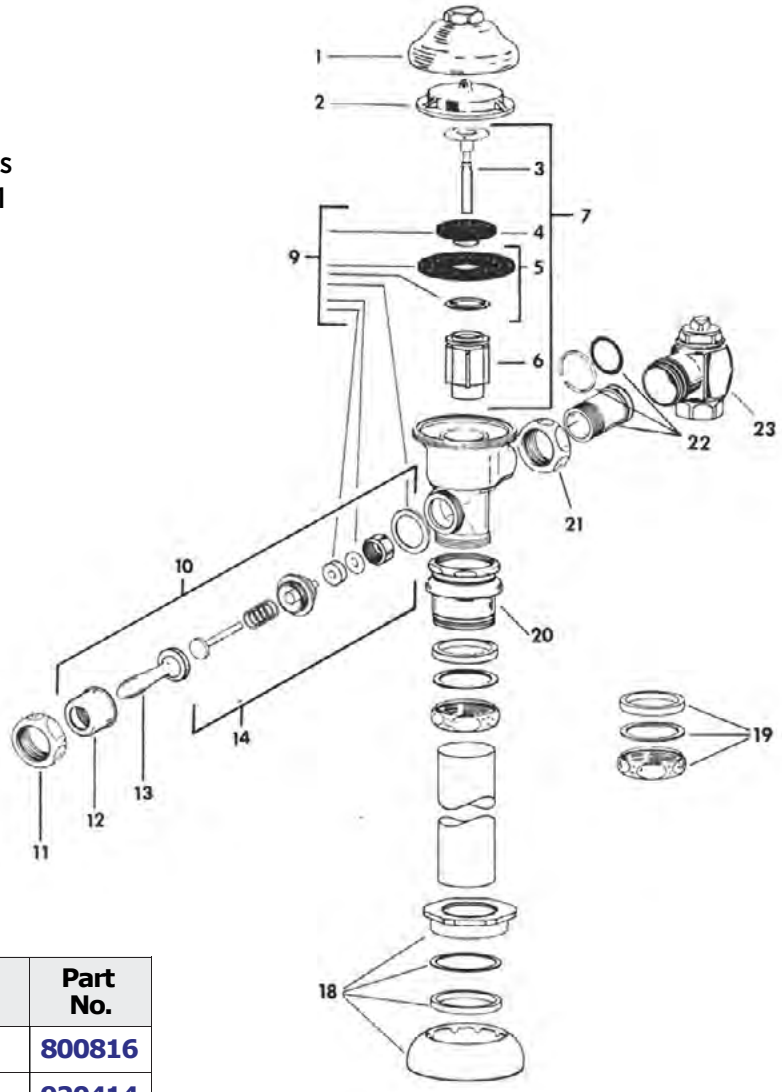
The information contained in this document is subject to change without notice.

NOTE: Also for use with Regal XL (Since mid-2010)



200495: SLOAN ALL PURPOSE FLUSH VLAVE SUPER WRENCH

Repair parts for
OLD STYLE
Sloan Royal Flush Valves
Manufactured until 1971



Item	Description	Part No.
1	Chrome cover, use new style	800816
2	Pvc cover, use new style	920414
3	A-19-AC, Relief valve for toilet	800792
	A-19-AU, Relief valve for urinal	800794
4	A-15-A, Disc	800797
5	A-156-A, Diaphragm	800799
6	Brass Guide N/A, use the A-163-A guide	800791
7	A-36-A, Valve Repair Kit for 4.5 gallon per flush toilet	920371
	A-37-A, Valve Repair Kit for 1.5 gallon per flush urinal	920364
	A-38-A, Valve Repair Kit for 3.5 gallon per flush toilet	920505
9	A-156-AA, Washer set	920365
10	B-32-A, New style handle assembly	920855
11	A-6, Chrome handle coupling	920374
12	B-7-A, Chrome socket	920432
13	B-32, Chrome handle only	920921
14	B-50-A, Handle repair kit	920370

Item	Description	Part No.
18	F-5-A, Spud coupling assembly, 3/4"	920295
	F-5-A, Spud coupling assembly, 1-1/4"	920320
	F-5-A, Spud coupling assembly, 1-1/2"	920325
19	F-2-A, Outlet coupling assembly, 3/4"	
	F-2-A, Outlet coupling assembly, 1"	
	F-2-A, Outlet coupling assembly, 1-1/4"	
	F-2-A, Outlet coupling assembly, 1-1/2"	921402
20	V-100-A Retrofit Kit, changes old V-100-A to current V-500-A vacuum breaker	
21	H-550, Stop coupling	920029
22	H-551-A, Adjustable tailpiece, 2-1/16"	920070
	H-551-A, Adjustable tailpiece, 3-1/16"	920007
	H-551-A, Adjustable tailpiece, 4-1/16"	920008
	H-551-A, Adjustable tailpiece, 5-1/16"	920009

ROYAL FLUSHOMETER



PARTS LIST

Item No.	Code No.	Part No.	Description
1.	800816	A-72	CP Cover
	0301435PK	A-72-HE	CP High Efficiency Cover
2.	921012	A-71	Inside Cover
	0301336	A-71-1	Inside Cover (Purple)
3.	—		Dual-Filtered Bypass Diaphragm Assembly (refer to table and diagram on following page)
4.	921038	B-73-A	CP ADA-Compliant Triple Seal Handle Assembly
	0302267	B-73-A-PH	CP ADA-Compliant Triple Seal Handle Assembly
5.	920374	A-6	CP Handle Coupling
6.	920432	B-7-A	CP Socket Assembly
7.	0302389	B-74-A	CP ADA-Compliant Handle
	0302264	B-74-A-PH	CP ADA-Compliant Handle (Purple Handle)
8.	921048	B-51-A	Triple Seal Handle Repair Kit
9.	5301139	A-31	Handle Gasket – 48 per package
10.	943024	F-5-AW	3/4" (19 mm) CP Spud Coupling Assembly
	0306140	F-5-AU	1-1/4" (32 mm) CP Spud Coupling Assembly
	920466	F-5-AT	1-1/2" (38 mm) CP Spud Coupling Assembly
10A.	SEE SLIP JOINT GASKETS AND RINGS TABLE BELOW LEFT		
11.	920044	V-651-A	High Back Pressure Vacuum Breaker Repair Kit
12.	3393004	V-600-AA	3/4" (19 mm) x 9" (228 mm) CP Vacuum Breaker
	3393006	V-600-AA	1-1/4" (32 mm) x 9" (228 mm) CP Vacuum Breaker
	3393007	V-600-AA	1-1/2" (38 mm) x 9" (228 mm) CP Vacuum Breaker
13.	0308676	H-550	CP Stop Coupling
14.	920070	H-551-A	CP Adjustable Tailpiece 2-1/16" (52 mm long) Standard Length*
15A.	802621	H-553	O-ring – 24 per package
15B.	802349	H-552	Locking Ring – 12 per package
16.	923000	H-700-A	1" (25 mm) CP Bak-Chek Screwdriver Stop
	0388141	H-700-A-RW	1" (25 mm) CP Bak-Chek Screwdriver Stop
	920023	H-700-A	3/4" (19 mm) CP Bak-Chek Screwdriver Stop
	0388142	H-700-A-RW	3/4" (19 mm) CP Bak-Chek Screwdriver Stop
17.	920363	H-541-ASD	Control Stop Repair Kit†
	920361	H-543-ASD	Control Stop Repair Kit‡
18.	807515	H-622	CP Bonnet
	0308892	H-608-RW	CP Bonnet
	807654	H-577	CP Bonnet – DISCONTINUED
19.	921027	H-1010-A	Vandal Resistant Control Stop Cap Assembly
	921026	H-1009-A	Vandal Resistant Control Stop Cap Assembly H-600 3/4" Stop only
20.	920080	H-573	Control Stop Cap CP
	0308848	H-582	Control Stop Cap CP
21.	925331	H-574	Control Stop Cap with Bumper (–YO Variation)
22.	922447	H-576	Control Stop Cap with Extended Bumper (–YG Variation)
23.	3388015	H-1015	Flow Control Kit (not Shown) (HEU Only)
24.	3308735	H-634-AA-RW	1" (25 mm) Sweat Solder Kit w/ Cast Set Screw Purple Flange (not shown)
	3308736	H-636-AA-RW	3/4" (19 mm) Sweat Solder Kit w/ Cast Set Screw Flange (not shown)
	808398	H-636-AA	1" (25 mm) Sweat Solder Kit w/ Cast Set Screw Purple Flange (not shown)
	926222	H-636-AA	3/4" (19 mm) Sweat Solder Kit w/ Cast Set Screw Flange (not shown)

ITEM 10A. SLIP JOINT GASKETS AND RINGS

Size	Code No.	Part No.	Description
1-1/2"	407058	F-3	Red Friction Ring
	5322001	VBF-5	Black Slip Joint Gasket
	921291	S-30	Flexible Seat
	920291	S-21	Rigid Seat (rubber over brass)
1-1/2" x 1-1/4"	0396062	F-105	Slip Joint Gasket – Rigid
1-1/4"	400001	F-3	Red Friction Ring
	800005	VBF-5	Black Slip Joint Gasket
	0307052/5307052	G-21	Rigid Seat (rubber over brass)
1"	5306056	F-3	Red Friction Ring
	5306115	F-5	Black Slip Joint Gasket
3/4"	407055	F-3	Red Friction Ring
	407056	F-5	Black Slip Joint Gasket

† For use with 1" and 3/4" H-700-A and 1" H-600-A Bak-Chek screwdriver control stop
‡ For use with 3/4" H-600-A Bak-Chek screwdriver control stop
RW for use with Reclaimed Water Flushometers

Sloan products are also available in satin, brushed nickel, chrome, gold and polished brass finishes. Contact us toll free today for part numbers.



920997
SLOAN 1" SCREW DRIVER SIDE DISCHARGE STOP REPAIR KIT FOR H-440-A & H-445-A STOPS



807608
SLOAN 1 & 3/4 SCREW DRIVER ANGLE STOP REPAIR KIT FITS H-40-A & H-45-A STOPS



920998
SLOAN 3/4" SCREW DRIVER STOP REPAIR KIT FOR USE W/ H-440 STOPS



920782
SLOAN 1" GROUND JOINT SCREW DRIVER ANGLE STOP COMPLETE
921036
SLOAN 3/4" GROUND JOINT SCREW DRIVER ANGLE STOP COMPLETE
000247
SLOAN 1" SCREW DRIVER ANGLE STOP COMPLETE
923001
SLOAN 3/4" SCREW DRIVER ANGLE STOP COMPLETE



FOR USE W/ H-540, H-600, & H-700 STOPS
920363
SLOAN 1" SCREW DRIVER STOP REPAIR KIT
920361
SLOAN 3/4" SCREW DRIVER STOP REPAIR KIT



920367
SLOAN 1" WHEEL HANDLE STOP REPAIR KIT FOR EXPOSED VALVE



920080
SLOAN 1" CHROME PLATED STOP CAP
920085
SLOAN 3/4" CHROME PLATED STOP CAP



920082
3/4" CHROME VALVE GUARD VANDAL-PROOF SHUT OFF COVER FOR SLOAN



921027
SLOAN 1" CHROME PLATED STOP CAP KIT NEO STYLE VANDAL PROOF
921026
SLOAN 3/4" CHROME PLATED STOP CAP KIT NEO STYLE VANDAL PROOF



920865
SLOAN SCREW DRIVER CAP VANDAL PROOF



807515
SLOAN 1" BONNET NUT CHROME PLATED FITS H-700 STOPS

SLOAN





802346
O-RING FOR STOP TAIL PIECE

920070
SLOAN 2-1/16" STOP TAILPIECE
920007
SLOAN 3-1/16" STOP TAILPIECE
920008
SLOAN 4-1/16" STOP TAILPIECE
920009
SLOAN 5-1/16" STOP TAILPIECE



802349
SLOAN LOCKING RING FOR FLUSH VALVE STOP TAIL-PIECE



920810
TAILPIECE OFFSET VACUUM BREAKER ASSEMBLY 1-1/2" X 24" X 1" OFFSET
920805
TAILPIECE OFFSET VACUUM BREAKER ASSEMBLY 1-1/2" X 24" X 1-1/2" OFFSET
920800
TAILPIECE OFFSET VACUUM BREAKER ASSEMBLY 1-1/2" X 24" X 2" OFFSET



201106
SPUD TAILPIECE REMOVAL WRENCH

VACUUM BREAKER FLUSH TUBES



920360: 1-1/2" X 3"
920214: 3/4" X 24"
920013: 1-1/4" X 9"
920001: 1-1/2" X 9"
920980: 1-1/4" X 13-1/2"
920016: 1-1/2" X 13"
920011: 1-1/4" X 24"
920010: 1-1/2" X 24"
920038: 1-1/2" X 30"
920664: 1-1/2" X 36"
FOR USE WITH COMMODE



920014
3/4" X 9" FOR USE WITH URINAL
920012
3/4" X 13" FOR USE WITH URINAL



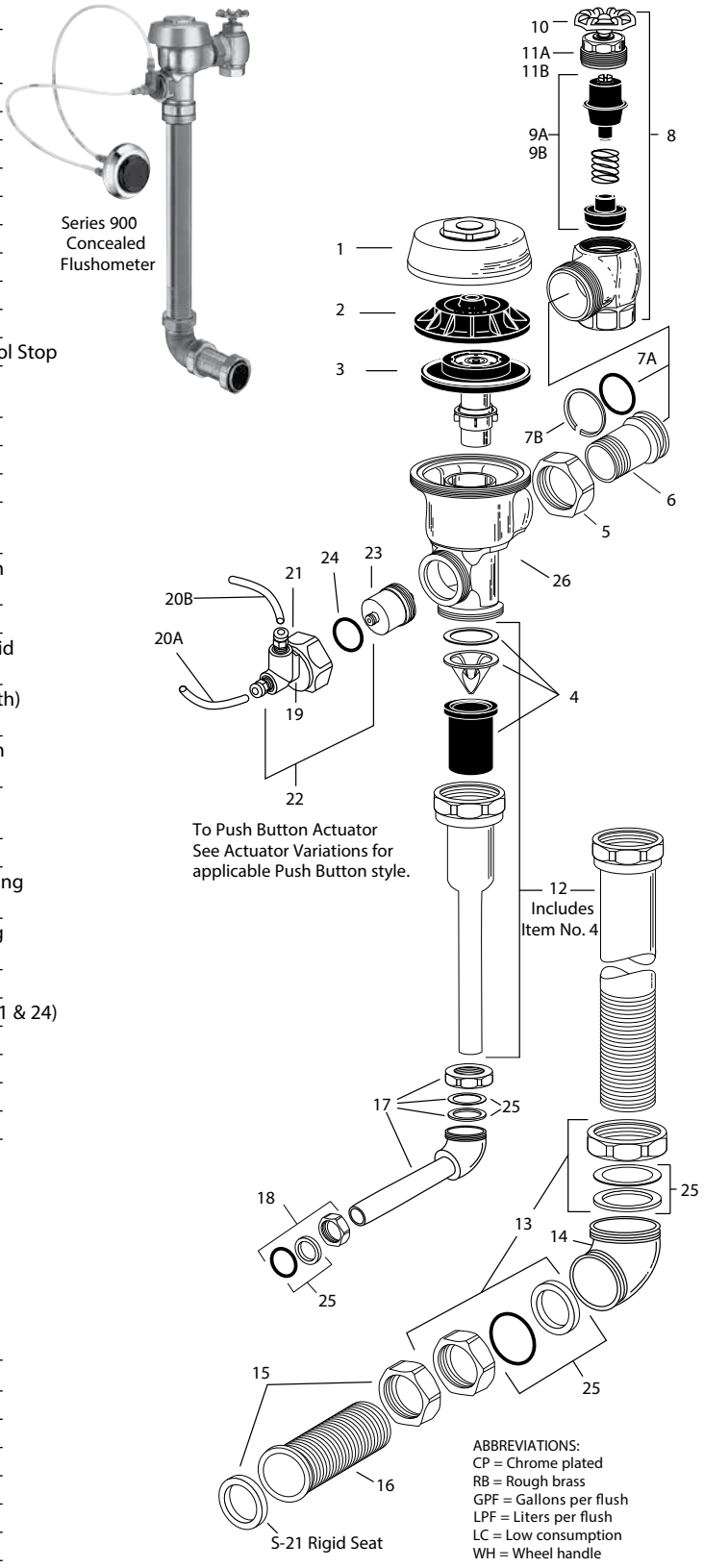
920184
SLOAN 1-1/2" X 32" VACUUM BREAKER

ATLANTIC COASTAL SUPPLY INC.
ACSPARTS.NET (800) 520 - 0556

SERIES 900® FLUSHOMETER

PARTS LIST FOR SERIES 900® CONCEALED FLUSHOMETER

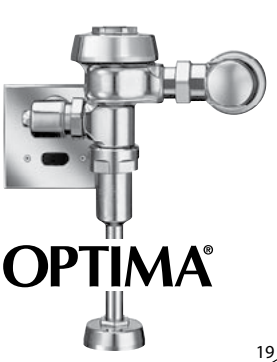
Item No.	Code No.	Part No.	Description
1.	800815	A-72	RB Royal Cover
2.	921012	A-71	Inside Cover
3.	SEE THE INSIDE PARTS KIT CHART		
4.	920044	V-651-A	Vacuum Breaker Repair Kit
5.	920029	H-550	RB Tailpiece Coupling
6.	920009	H-551-A	RB Adjustable Tailpiece, 2-1/16" (52 mm)
7A.	802621	H-553	O-ring – 24 per package
7B.	802349	H-552	Locking ring – 12 per package
8.	923007	H-730-A	RB Wheel Handle Bak-Chek Control Stop
9A.	920367	H-541-A	1" Wheel Handle Repair Kit for H-730-A Control Stop
9B.	920356	H-543-A	3/4" Wheel Handle Repair Kit for H-730-A Control Stop
10.	0308919	H-558-A	Wheel Handle
11A.	922446	H-623	1" RB Bonnet
11B.		H-623	3/4" RB Bonnet
12.		V-500-AA	Royal Vacuum Breaker Flush Connection (specify length and size)
13.	800514	F-2-AA	1-1/2" (38 mm) RB Couplings (2 each), Friction Rings (2 each), and Rubber Gaskets (2 each)
14.	926441	F-21	RB Elbow
15.	920187	F-2-A	1-1/2" (38 mm) RB Coupling and S-21 Flat Rigid Gasket
16.		F-100	RB Flared End Flush Connection (specify length)
17.		F-15-A	3/4" (19 mm) RB Elbow Flush Connection with Coupling and Rubber Gasket (specify length)
18.	0306054	F-2-A	3/4" (19 mm) RB Coupling, Friction Ring, and Rubber Gasket
19.	923345	HY-109	RB Valve Actuator Housing (includes fittings)
20A.	0318221	HY-146	1/4" (6 mm) x 48" (1219 mm) Yellow Connecting Tubes (2 required)
20B.	0318217	HY-145	1/4" (6 mm) x 48" (1219 mm) Blue Connecting Tubes (2 required)
21.	920374	A-6	RB Handle Coupling Nut
22.	924511	HY-109-A	Actuator Housing Assembly (includes items 21 & 24)
23.	804578	HY-83-A	Actuator Cartridge Assembly
24.	921441	DO-22	O-ring for HY-109-A Adapter
25.	SEE SLIP JOINT GASKETS AND RINGS TABLE BELOW		
26.	924448	A143-A	RB Valve Body



ITEM 27. SLIP JOINT GASKETS AND RINGS

Size	Code No.	Part No.	Description
1-1/2"	407058	F-3	Red Friction Ring
	5322001	VBF-5	Black Slip Joint Gasket
	0319086/921291	S-30	Flexible Seat
	920291	S-21	Rigid Seat (rubber over brass)
1-1/2" x 1-1/4"	0396062	F-105	Slip Joint Gasket – Rigid
1-1/4"	408111	F-3	Red Friction Ring
	5322176	VBF-5	Black Slip Joint Gasket
	0307052/5307052	G-21	Rigid Seat (rubber over brass)
1"	5306056	F-3	Red Friction Ring
	5306115	F-5	Black Slip Joint Gasket
3/4"	407055	F-3	Red Friction Ring
	407056	F-5	Black Slip Joint Gasket

OPTIMA FLUSHOMETERS



ABBREVIATIONS:
CP - Chrome Plated
RB - Rough Brass
gpf - gallons per flush
Lpf - Liters per flush

Royal ES-SM Surface Mounted Sensor Components

Note: Royal ES-SM surface mounted components are not compatible with ES-S flushometer components.

Concealed Water Closet | Concealed Urinal | ES-SM Solenoid

SOLENOID/SENSOR PARTS AND ASSEMBLIES LIST

Item No.	Code No.	Part No.	Description
1A.	**3305043**	EL-128-A	Actuator Cartridge Assembly Repair Kit Includes Spring, Plunger Guide, Solenoid Valve Seat, Valve Piston Assembly, and O-Ring (also available for ES-SM flushometers)
1B.	**0305135**	EL-110	O-Ring
2A.	**0305328**	EL-124-1	120V only (no sensor)
	3305044	EL-1029-A	CP Cartridge/Solenoid Kit EL-124-1 (120V) and EL128-A
	940160	EL-124-2	24 VAC Solenoid Assembly (exposed installation) Includes Handle Coupling, 24 VAC Coil, Face Plate for 24 VAC Solenoid, Solenoid Adapter, Solenoid Shaft Assembly, Nut for Solenoid, Solenoid Housing, Solenoid Flux Plate, and O-Ring
	921604	EL-1028-A	CP Cartridge/Solenoid Kit EL-124-2 (24V) and EL128-A
2B.	**0305330**	EL-138-1	120V only (no sensor)
	920534	EL-138-2	24 VAC Solenoid Assembly (concealed installation) Includes Handle Coupling, 24 VAC Coil, Face Plate for 24 VAC Solenoid, Solenoid Adapter, Solenoid Shaft Assembly, Nut for Solenoid, Solenoid Base Plate and Solenoid Cover Assembly
3A.	**921441**	DO-22	O-Ring
3B.	**0305132**	EL-104	RB Adapter for Solenoid
3C.	**940737**	EL-163-A	Solenoid Shaft Assembly Includes Gasket, Plunger, Plunger Spring, and Solenoid Shaft
4.	**920374**	A-6	CP Handle Coupling (exposed installation)
5A.	**0305166**	EL-164	Solenoid Flux Plate (exposed installation) fine thread
5B.	**—**	EL-542	N/A Separately
6.	**0305119**	EL-165-1	120 V Coil
	940720	EL-165-2	24 VAC Coil
7A.	**808689**	EL-162-2	CP Solenoid Housing (exposed installation) fine thread
	808687	EL-162-1	CP Solenoid Housing (120V) course thread also used on pre-2001 24 V
7B.	**0305336**	EL-541-A	Solenoid Cover Assembly (Includes Flux Plate)
8.	**0305127**	EL-102-2	Face Plate for 24 VAC Solenoid (exposed installation)

Item No.	Code No.	Part No.	Description
9A.	**921440**	EL-101	CP Nut for Solenoid (exposed installation)
9B.	**0305167**	EL-166	Housing Nut for Solenoid (concealed installation)
10.	**924412**	F-15	Tail†
	0305145	EL-123-A	Old Style ESS 24V course thread (120V also)
	0305337PK	EL-226	1-1/4" Extension for EL-123-A course thread
11.	**921301**	EL-431-A	CP Flange Assembly (exposed installation)
	0305139	EL-176-A	Old Style ESS 24V course thread (120V also)
12.	**920882**	EL-152	CP Screws (requires four screws per cover plate)
13.	**920821**	EL-151	CP Cover Plate for Sensor and Solenoid Operator (Urinal only)
14.	**0305219**	EL-201	CP Cover Plate for Sensor and Override Button (Closet only)
15.	**0318066**	HY-66	CP Cover Plate for Solenoid Operator (Closet only)
16.	**0305161**	EL-161	CP Cover Plate for Sensor
17.	**0305323**	EL-168-A	Yoke Assembly (Urinal only)
18.	**920640**	EL-141-A	Override Switch and Yoke Assembly (Closet only)
19.	**920826**	EL-1500	Urinal Sensor Replacement Kit (Urinal only)
20.	**920827**	EL-1500-L	Closet Sensor Replacement Kit (Closet only)
21.	**000013**	EL-154	Transformer (120 VAC) (also available for ES-SM flushometers) 50 VA plate mount
	804593	EL-342	Transformer (240 VAC) (also available for ES-SM flushometers) 50 VA plate mount
22.	**3345047**	EL-461	Surface Mounted Sensor and Override Button Assembly (closet only)
23.	**3345048**	EL-497	Surface Mounted Sensor Assembly (urinal only)
24.	**0305802**	EL-297	Solenoid Assembly
25.	**806463**	ETF-492-A	Control Module
26.	**0345266**	EL-566-A	Exposed Plate with Override Button (Urinal only)
27.	**0345267**	EL-567-A	Yoke Assembly for EL-566-A
28.	**3345080**	EL-1026-A	ESS to TMO Retrofit Kit (Exposed)*
—	**203051**	EL-227	Repair Tool Kit for EL-163-A Repair Kit
—	**0345016**	EL-387-A	Override Button Replacement for EL-566-A
—	**3345021**	EL-1010-A	O-ring Repair Kit*

† NOTE: For exposed & concealed solenoids manufactured before 2001 or not shown here, consult factory for individual part assembly.

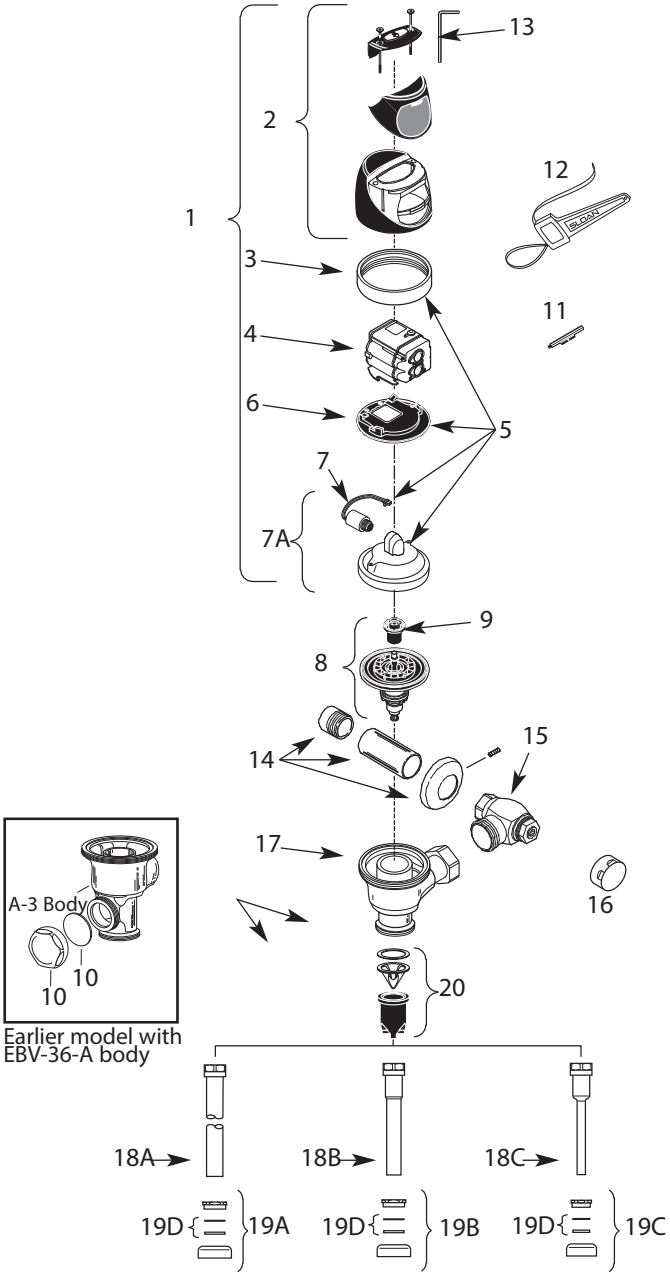
* Not Shown

Old Royal until 05/09, current Sloan/Regal

SLOAN

OPTIMA PLUS FLUSHOMETER



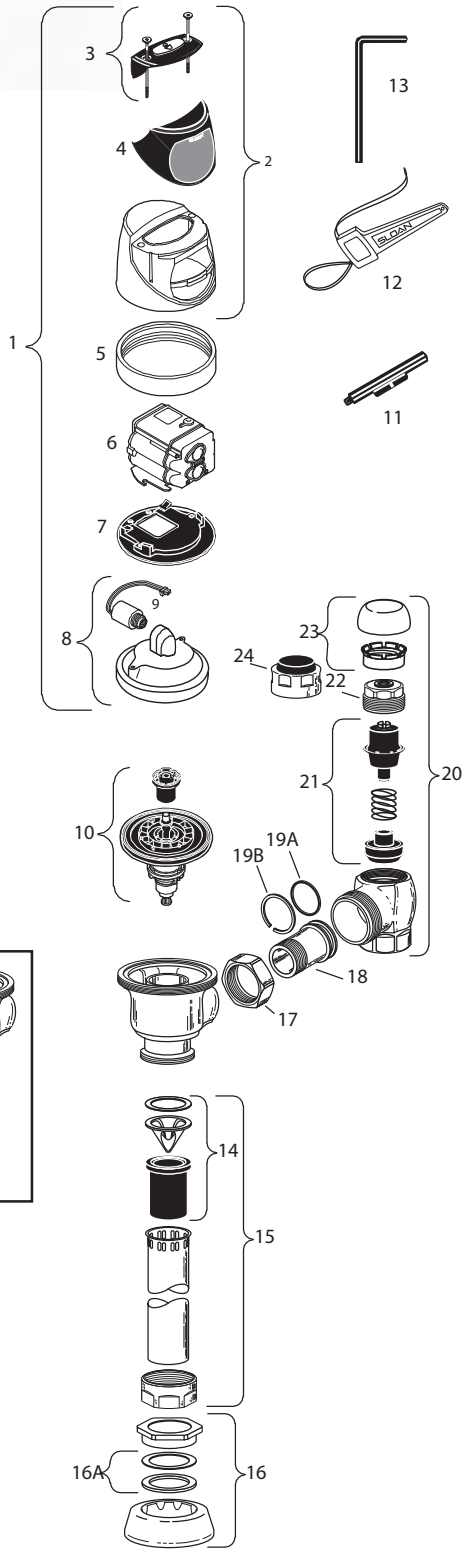


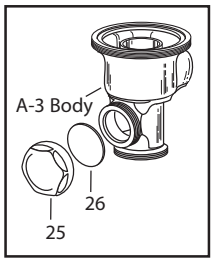
PARTS LIST

Item No.	Code No.	Part No.	Description
1.	**0325298**	EBV-189-A	Cover/Ring/Sensor Assembly - Water Closet
	0325299	EBV-190-A	Cover/Ring/Sensor Assembly - Urinal
	0325239	EBV-198-A	Cover/Ring/Sensor Assembly - Water Closet w/ Zurn ring
	0325240	EBV-199-A	Cover/Ring/Sensor Assembly - Urinal w/Zurn ring
2.	**0325241**	EBV-192-A	Cover Assembly
3.	**N/A**	EBV-168	Locking Ring - Plastic inner cover only – Use **3325089**, EBV-1010-A
	0305843	EBV-14	Locking Ring - Metal inner cover only
	0305843	EBV-30-A	Locking Ring - for Zurn valves
4.	**920962**	EBV-129-A-C	Electronic Module - Water Closet
	3325451	EBV-129-A-U	Electronic Module - Urinal
5.	**3325089**	EBV-1010-A	Metal Inner Cover Repair Kit Includes Items Nos. 3, 5, 6 and 7
6.	**0325171**	EBV-134	Cover Rest Plate
7.	**920606**	EBV-136-A	Solenoid
7A.	**700146**	EBV-145-A	Inside Cover Assembly (includes solenoid EBV-136-A) Does not replace Plastic Inner Cover. Use Item No. 5
8.	**SEE CHART NEXT PAGE**		Flex Tube Diaphragm Assembly
9.			Flush Volume Regulator
10.	**0325286**	EBV-186	Handle Cap Kit
11.	**0325107**	EBV-91	Range Adjustment Tool
12.	**0305823**	EBV-22	Strap Wrench
13.	**0325159**	EBV-137	7/64" Hex Wrench
14.	**808398**	H-634-AA	1" (25 mm) Sweat Solder Kit
	926222	H-636-AA	3/4" (19 mm) Sweat Solder Kit
15.	**923000**	H-700-A	1" (25 mm) Bak-Chek Control Stop
	920023	H-700-A	3/4" (19 mm) Bak-Chek Control Stop
16.	**924607**	H-573-A	Stop Cap
17.	**0305381PK**	A-3-A	Valve Body
18A.	**924028**	V-500-AA	1-1/2" (38 mm) x 9" (229 mm) Vacuum Breaker (Model 8110/8111)
	0323014	V-500-AA	1-1/2" (38 mm) x 13 1/2" (343 mm) Vacuum Breaker (Model 8113)
	0323019	V-500-AA	1-1/2" (38 mm) x 23" (584 mm) Vacuum Breaker (Model 8115)
	0323021	V-500-AA	1-1/2" (38 mm) x 26" (660 mm) Vacuum Breaker (Model 8116)
18B.	**925540**	V-500-AA	1-1/4" (32 mm) x 9" (229 mm) Vacuum Breaker (Model 8180)
18C.	**925545**	V-500-AA	3/4" (19 mm) x 9" (229 mm) Vacuum Breaker (Model 8186)
19A.	**0306145**	F-56-A	1-1/2" Spud Coupling Assembly (Models 8110, 8115 & 8116)
19B.	**920877**	F-55-A	1-1/4" Spud Coupling Assembly (Model 8180)
19C.	**920876**	F-54-A	3/4" Spud Coupling Assembly (Model 8186)
19D.			
20.	**920006**	V-551-A	Vacuum Breaker Repair Kit

G2 OPTIMA PLUS FLUSHOMETER







Earlier model with EBV-36-A body

SENSOR MODULE COMPONENT PARTS

Item No.	Code No.	Part No.	Description
1.	**922027**	EBV-138-A	G2 Cover/Ring/Sensor Assembly – Water Closet
	922028	EBV-139-A	G2 Cover/Ring/Sensor Assembly – Urinal
	0325166	EBV-149-A	G2 Cover/Ring/Sensor Assembly – Water Closet w/Zurn Ring
	0325167	EBV-150-A	G2 Cover/Ring/Sensor Assembly – Urinal w/Zurn Ring
2.	**920624**	EBV-142-A	Cover Assembly
3.	**810466**	EBV-130-A	Override Button Assembly includes screws & hex wrench
	0325170	EBV-132-A	Screws (2) and Allen Wrench Only
4.	**0325169**	EBV-131	Lens Window Cover
5.	**920531**	EBV-14	Locking Ring CP
	0325210	EBV-168	Locking Ring CP
	3325524	EBV-31-A	Locking Ring – for Zurn Valves
6.	**920962**	EBV-129-A-C	G2 Electronic Module – Water Closet
	3325451	EBV-129-A-U	G2 Electronic Module – Urinal
7.	**0325171**	EBV-134	Cover Rest Plate
8.	**700146**	EBV-145-A	Inside Cover Assembly (includes solenoid EBV-136-A)
	3325089	EBV-1010-A	Inside Cover Assembly (excludes solenoid)
9.	**920606**	EBV-136-A	Solenoid (For G2 Modules only)*
10.	**SEE CHART NEXT PAGE**		

ACCESSORIES

11.	**0325107**	EBV-91	Trimpot Adjustment Screwdriver
12.	**0305823**	EBV-22	Strap Wrench
13.	**0325170**	EBV-132-A	Allen Wrench

VALVE COMPONENT PARTS

14.	**920044**	V-651-A	Vacuum Breaker Repair Kit
15.	**0393004**	V-600-AA	3/4" x 9" CP Vacuum Breaker
	0393006	V-600-AA	1-1/4" x 9" CP Vacuum Breaker
	3393007	V-600-AA	1-1/2" x 9" CP Vacuum Breaker
16.	**943024**	F-5-AW	3/4" CP Spud Coupling
	0306140	F-5-AU	1-1/4" CP Spud Coupling
	920466	F-5-AT	1-1/2" CP Spud Coupling
16A.			
17.	**0308676**	H-550	CP Stop Coupling
18.	**920070**	H-551-A	CP Adjustable Tailpiece 2-1/16" long
19A.	**802621**	H-553	O-ring – 24 per package
19B.	**802349**	H-552	Locking ring – 12 per package
20.	**923000**	H-700-A	1" Screwdriver Bak-Chek Stop CP - complete
	920023	H-700-A	3/4" Screwdriver Bak-Chek Stop CP - complete
21.	**920363**	H-541-A	Control Stop Repair Kit
	920361	H-543-A	Control Stop Repair Kit 3/4" H-450/H-600 only
22.	**807515**	H-622	CP Bonnet
	0308843	H-577	CP Bonnet– **OBSOLETE**
23.	**921027**	H-1010-A	Vandal Resistant Control Stop Cap Assembly
	921026	H-1009-A	Vandal Resistant Control Stop Cap Assembly
24.	**3325816**	EBV-1019-A	3/4" Decorative Stop Cap
	925331	H-574	1" Decorative Stop Cap
25.	**925541**	EBV-1017-A	Handle Cap — Metal
26.	**0311042**	K-46	Blind Nut Gasket

For use with Sloan's G2 Optima Plus flushometer introduced May, 2003.



002050
SLOAN EXPOSED COMMODE SENSOR RETROFIT FLUSHOMETER 1.6 GPF / 3.5 GPF

002051
SLOAN EXPOSED URINAL SENSOR RETROFIT FLUSHOMETER 1.0 GPF



920628
SLOAN SENSOR ASSEMBLY FOR CLOSET



INSIDE PARTS ASSEMBLY FOR SENSOR VALVE

920456
SLOAN SOLIS 0.5 GPF URINAL DIAPHRAGM KIT

920450
INSIDE PARTS ASSEMBLY FOR SLOAN SENSOR FLUSH VALVE-1.0 & 1.5GPF

920451
INSIDE PARTS ASSY FOR SLOAN SENSOR FLUSH VALVE-1.6, 3.5, & 4.5GPF

920455
INSIDE PARTS ASSEMBLY FOR SLOAN SENSOR FLUSH VALVE-2.4GPF



920606
SLOAN SOLENOID UNIT FOR EXPOSED SENSOR FLUSHOMETER

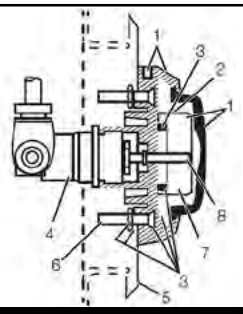
ATLANTIC COASTAL SUPPLY INC.
ACSPARTS.NET (800) 520 - 0556

NOTES:

PUSH BUTTON ACTUATOR VARIATIONS

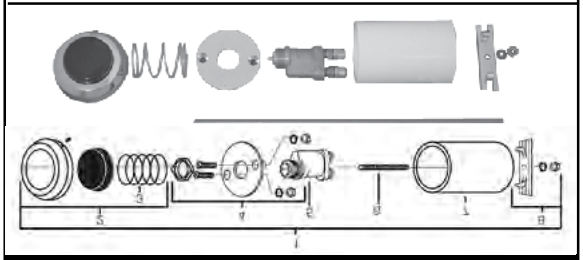
ATLANTIC COASTAL SUPPLY INC.
ACSPARTS.NET (800) 520 - 0556

SIDE WALL PUSH BUTTON



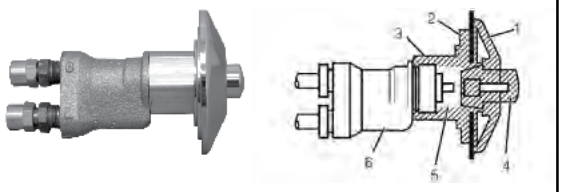
1	923314	HY-1000-A	PUSH BUTTON KIT INCLUDES: PUSH BUTTON, FLANGE SPRING & SET SCREW
2	926664	HY-3	SPRING
3	924900	HY-1001-A	MOUNTING FLANGE KIT INCLUDES: MOUNTING FLANGE, MOUNTING NUT, SCREWS (2), NUTS (2), WASHERS (2)
4	807400	HY-71-A	ACTUATOR ASSEMBLY
6	926509	EL-173	1/8 NPT x 1/4 TUBE FERREL IN NUT
7	924901	HY-73	EXTENTION ADAPTER
8	———	HY-74	EXTENTION STEM

FIXTURE WALL PUSH BUTTON



1	920321	HY-33-A	FIXTURE WALL PUSH BUTTON ASSEMBLY
2	923314	HY-1000-A	PUSH BUTTON KIT
3	926664	HY-3	SPRING
4	924900	HY-1001-A	MOUNTING KIT FLANGE
6	942302	HY-29	THREADED ROD
8	810422	HY-1002-A	MOUNTING STRAP KIT

PENAL WARE METAL PUSH BUTTON

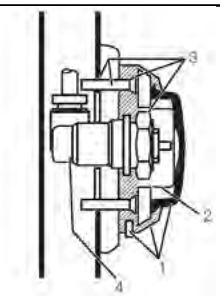


923004 - PUSH BUTTON ASSEMBLY COMPLETE

1	942442	HY-91	FLANGE
2	942443	HY-94	MOUNTING WASHER
3	942444	HY-93	MOUNTING NUT
4	942445	HY-86-A	PUSH BUTTON ASSEMBLY
5	942446	EL-109	SPRING
6	922441	HY-50-A	ACTUATOR SUB ASSEMBLY

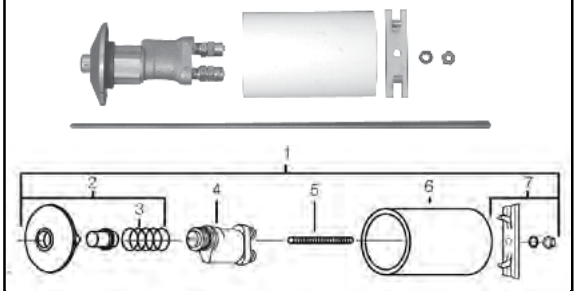
NOTE: USES CARTRIDGE #808969

METAL PARTITION PUSH BUTTON



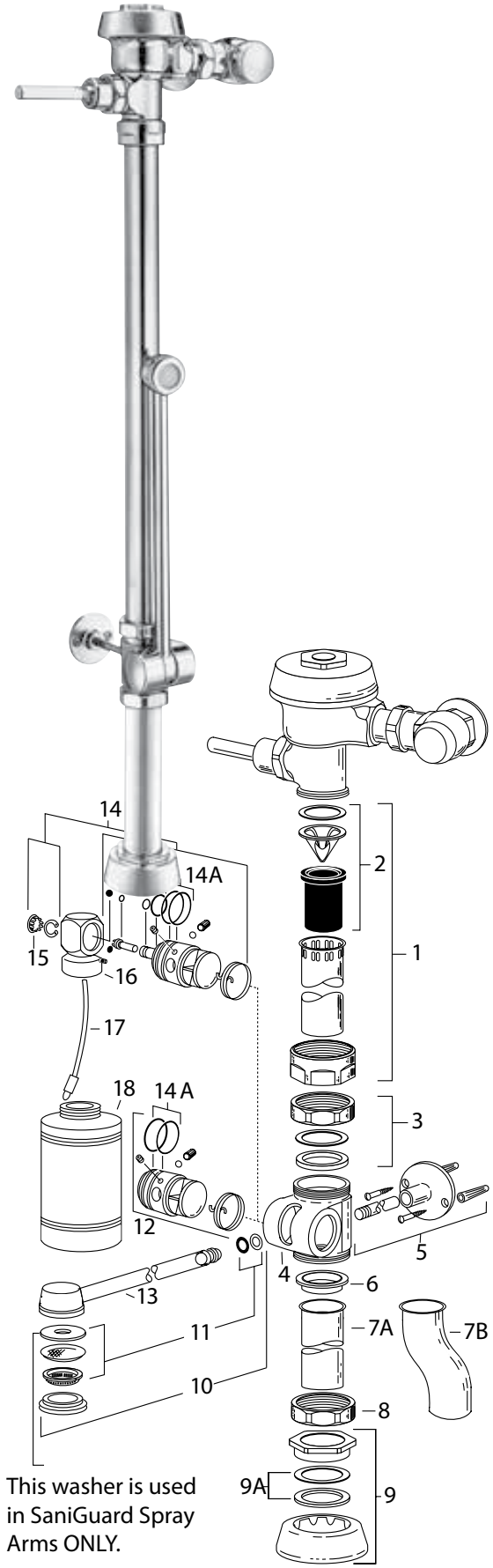
1	923314	HY-1000-A	PUSH BUTTON KIT INCLUDES: PUSH BUTTON, FLANGE SPRING & SET SCREW
2	926664	HY-3	SPRING
4	807400	HY-46	ACTUATOR ASSEMBLY

FIXTURE WALL METAL PUSH BUTTON



1	942023	HY-100-A	FIXTURE WALL METAL BUTTON ASSEMBLY
2	922641	HY-111-A	METAL BUTTON KIT
3	942446	EL-109	SPRING
4	922441	HY-50-A	ACTUATOR ASSEMBLY
5	942302	HY-29	THREADED ROD
6	———	HY-105	SPACER
7	810422	HY-1002-A	MOUNTING STRAP KIT

SLIMLINE BEDPAN WASHER FLUSHOMETER



This washer is used in SaniGuard Spray Arms ONLY.

PARTS LIST

Item No.	Code No.	Part No.	Description
1.	**0393009**	V-600-AA	1-1/2'' x 21-1/2'' CP Vacuum Breaker
	0393008	V-600-AA	1-1/2'' x 13-1/2'' CP Vacuum Breaker (ADA height)
	0393029	V-600-AA	1-1/2'' x 21-1/2'' CP Vacuum Breaker w/2'' Offset
2.	**920044**	V-651-A	Vacuum Breaker Repair Kit
3.	**925242**	F-2-A	1-1/2'' Slip Joint Coupling
4.	**920556**	DV-1	Diverter Valve Body (non-Deoseptic bottle)
	0309052	DV-17	Diverter Valve Body (Deoseptic bottle)
5.	**804794**	DV-1001-A	Wall Support Kit
6.	**809901**	F-1003	Outlet Tube Gasket – for Flanged Tubes only
7A.	**0309029**	F-1005	Outlet Tube
7B.	**920420**	F-182	Outlet Tube w/1-1/2'' Offset
8.	**925241**	F-2	1-1/2" Coupling Nut
9.	**920466**	F-5-A	1-1/2'' Spud Coupling Assembly
9A.			
10.	**807657**	DV-32-AA	12" Spray Arm Replacement Kit
	3309077	DV-1014-A	Short Spray Arm Replacement Kit (for use with F-182 Offset Outlet Tube)
11.	**803341**	DV-1007-A	Spray Arm Repair Kit
12.	**807743**	DV-1003-A	Pivot Replacement Kit
—	**929630**	DV-55-A	Diverter Valve Assembly and 12" Spray Arm Assembly includes: 3, 4, 8, 10, 12
—	**0309022**	DV-69-A	Diverter Valve Assembly and 10" Spray Arm Assembly includes: 3, 4, 8, 10, 12
13.	**815014**	DV-1017-A	Repair Kit 15" Sanigard Spray Arm

DEOSEPTIC UNIT PARTS

Item No.	Code No.	Part No.	Description
14.	**809902**	DV-1002-A	Deoseptic Pivot Replacement Kit
14A.	**5337075**	DO-6	O-ring-Piston – 2 required – 6 per package
14B.	**920479**	DV-4	Set Screw
14C.	**920096**	DV-16	Diverter Valve Seal Washer
14D.	**920097**	DV-14	Diverter Valve Seal
15.	**0309024**	DV-21	Plug Button
16.	**0309033**	DV-33-A	Swivel & ball check Assembly
17.	**809903**	DV-36-A	Aspirator Tube Assembly
18.	**809904**	DV-29	Deoseptic Solution Bottle

BEDPAN WASHER REBUILD KITS

Code No.	Part No.	Description
807706	DV-50-A	Diverter Rebuild Kit Includes Outlet Tube Gasket (Item 6), Spray Arm Repair Kit (Item 11), and all Items in Pivot Replacement Kit (Item 12) except Pivot.
807707	DV-1004-A	Deoseptic Diverter Rebuild Kit Includes Outlet Tube Gasket (Item 6), Spray Arm Repair Kit (Item 11), and all Items in Pivot Replacement Kit (Item 13) except Pivot.

To convert a standard diverter assembly to a deoseptic diverter assembly use:

3309048	DV-1005-A	Deoseptic Conversion Kit

SANIGUARD HANDLE ASSEMBLY

Code No.	Part No.	Description
0302230	B-73-A-SG	Handle Assembly CP (ADA complaint) with Sani-Guard

SLOAN

SLIMLINE BEDPAN WASHER FLUSHOMETER

ITEM 9A. SLIP JOINT GASKETS AND RINGS

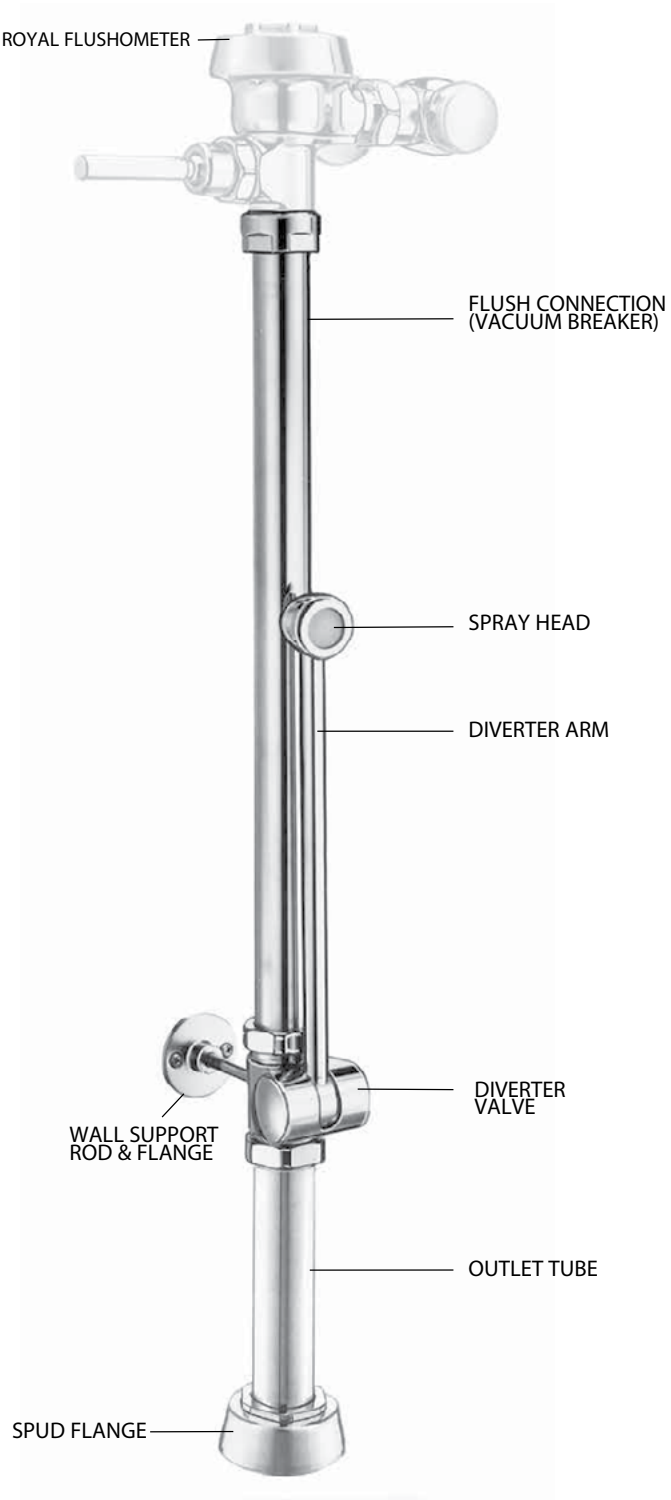
Size	Code No.	Part No.	Description
1-1/2"	**407058**	F-3	Red Friction Ring
	5322001	VBF-5	Black Slip Joint Gasket
	921291	S-30	Flexible Seat
	920291	S-21	Rigid Seat (rubber over brass)
1-1/2" x 1-1/4"	**0396062**	F-105	Slip Joint Gasket – Rigid
1-1/4"	**408111**	F-3	Red Friction Ring
	5322176	VBF-5	Black Slip Joint Gasket
	0307052/5307052	G-21	Rigid Seat (rubber over brass)
1"	**5306056**	F-3	Red Friction Ring
	5306115	F-5	Black Slip Joint Gasket
3/4"	**407055**	F-3	Red Friction Ring
	407056	F-5	Black Slip Joint Gasket

SLIMLINE BEDPAN WASHER RETROFIT DIVERTERS

Code No.	Part No.	Description
920318	DV-100	CP Diverter Valve Assembly
3309047	DV-105	CP Deoseptic Diverter Assembly
3309052	DV-135	CP Deoseptic Diverter Assembly 2" Offset
3309061	DV-115	CP Deoseptic Diverter Assembly ADA
3309062	DV-115-R	CP Deoseptic Diverter Assembly ADA
3309065	DV-120	CP Diverter Assembly ADA 1-1/2" Offset
3309066	DV-120-R	CP Diverter Assembly ADA 1-1/2" Offset
3309069	DV-125	CP Deoseptic Diverter Assembly ADA Offset
3309070	DV-125-R	CP Deoseptic Diverter Assembly ADA Offset
920341	DV-130	CP Diverter Assembly 2 Offset

SLIMLINE BEDPAN REPAIR KITS

804794	DV-1001	Kit Bedpan Washer Wall Support
809902	DV-1002	Repair Kit Deoseptic Pivot
807743	DV-1003	Repair Kit Bedpan Washer Pivot
807707	DV-1004	Repair Kit Deoseptic Diverter
3309048	DV-1005	Conversion Kit Deoseptic Diverter Assembly
803341	DV-1007	Repair Kit Spray Arm
3309077	DV-1014	Repair Kit 10" Spray Arm
807657	DV-32-AA	Repair Kit 12" Spray Arm
815014	DV-1017-A	Repair Kit 15" Spray Arm

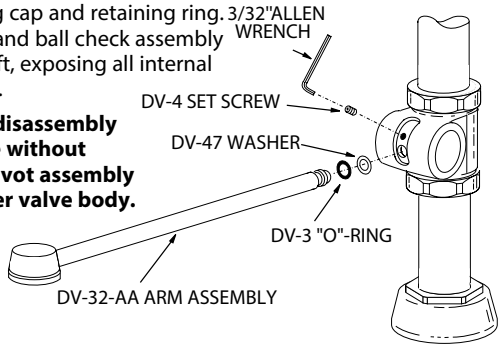


REBUILDING THE SLOAN SLIMLINE DIVERTER ASSEMBLY:

To disassemble diverter valve: Loosen set screw and remove spray arm from pivot. Slide pivot out of diverter valve body.

To further disassemble deoseptic diverters: Remove plug cap and retaining ring. Slide swivel and ball check assembly off pivot shaft, exposing all internal components.

NOTE: This disassembly can be done without removing pivot assembly from diverter valve body.

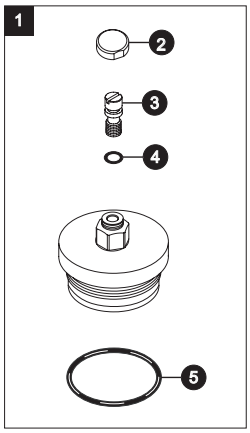


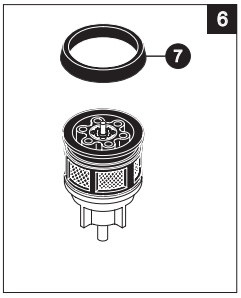
EXPOSED MANUAL TOILET FLUSH VALVE 1.6 GPF TMT1NNC SERIES - NON-HOLD OPEN

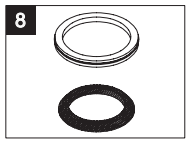
1	TH305SV118	Valve Cover Set (1.6 & 3.5 GPF)
2	942184	Screw Cap (MFV & Angle Stop)
3	TH305SV110	Adjustment Screws (Toilet)(10 Pieces)
4	TH305SV111	O-Rings (Cap Screw)(10 Pieces)
5	945823	O-Rings (Valve Guide)(10 Pieces)
6	TH323V100	Piston Valve Assembly (1.6 GPF)
7	942152	U-Packing (For Piston)(10 Pieces)
8	TH321	Seal Washer Kit
9	804671	Lever Assembly
10	811132	Push Button Assembly
11	926525	Gaskets (U-Packing)(10 Pieces)
12	TH305SV104	Fiber Washers (10 Pieces)
13	TH305SV113	Nut
14	942161	Locking Rings (10 Pieces)
15	942159	Tail Piece
16	TH305SV106	O-Rings (Tail Piece)(10 Pieces)

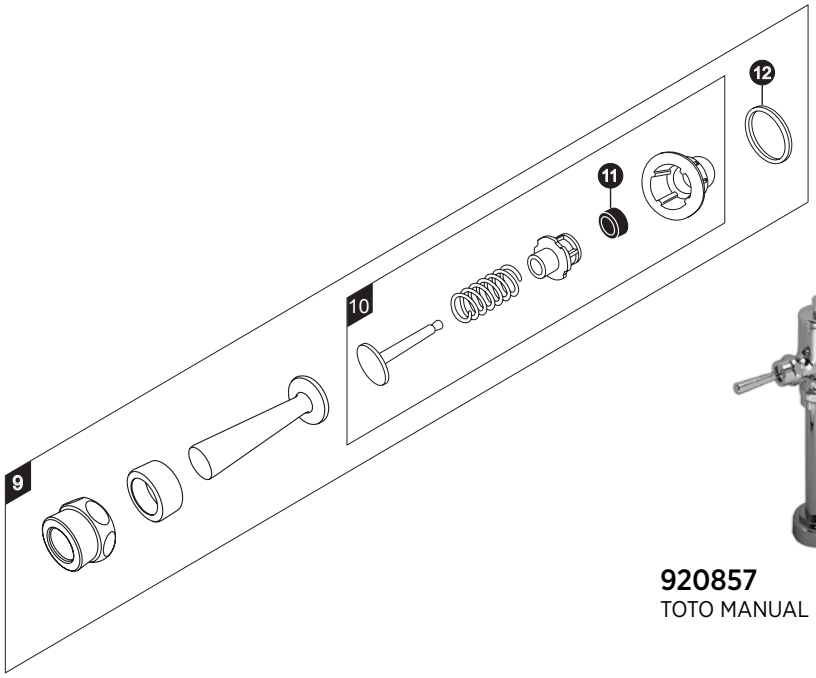
Vacuum Breaker Sets

	VB9CP-32	Exposed - Top Spud (1-1/2” Outlet)











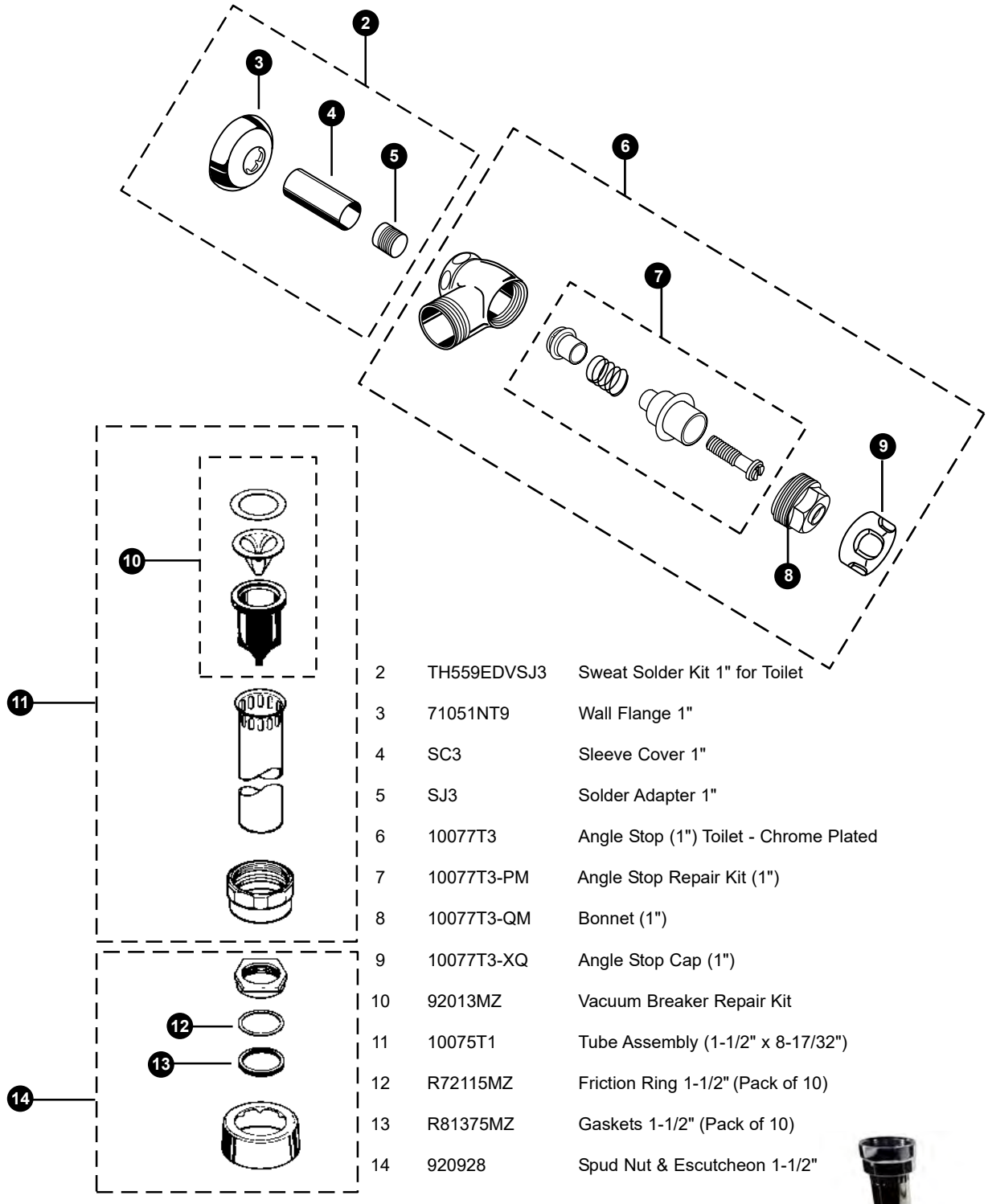
920857
TOTO MANUAL FLUSH VALVE



920902
FLUSH VALVE HEAD ONLY
FOR MANUAL FLUSH VALVE
COMMODE 1.6 GPF

TOTO®

RELIANCE COMMERICAL LINE - VB9CP-32



2	TH559EDVSJ3	Sweat Solder Kit 1" for Toilet
3	71051NT9	Wall Flange 1"
4	SC3	Sleeve Cover 1"
5	SJ3	Solder Adapter 1"
6	10077T3	Angle Stop (1") Toilet - Chrome Plated
7	10077T3-PM	Angle Stop Repair Kit (1")
8	10077T3-QM	Bonnet (1")
9	10077T3-XQ	Angle Stop Cap (1")
10	92013MZ	Vacuum Breaker Repair Kit
11	10075T1	Tube Assembly (1-1/2" x 8-17/32")
12	R72115MZ	Friction Ring 1-1/2" (Pack of 10)
13	R81375MZ	Gaskets 1-1/2" (Pack of 10)
14	920928	Spud Nut & Escutcheon 1-1/2"

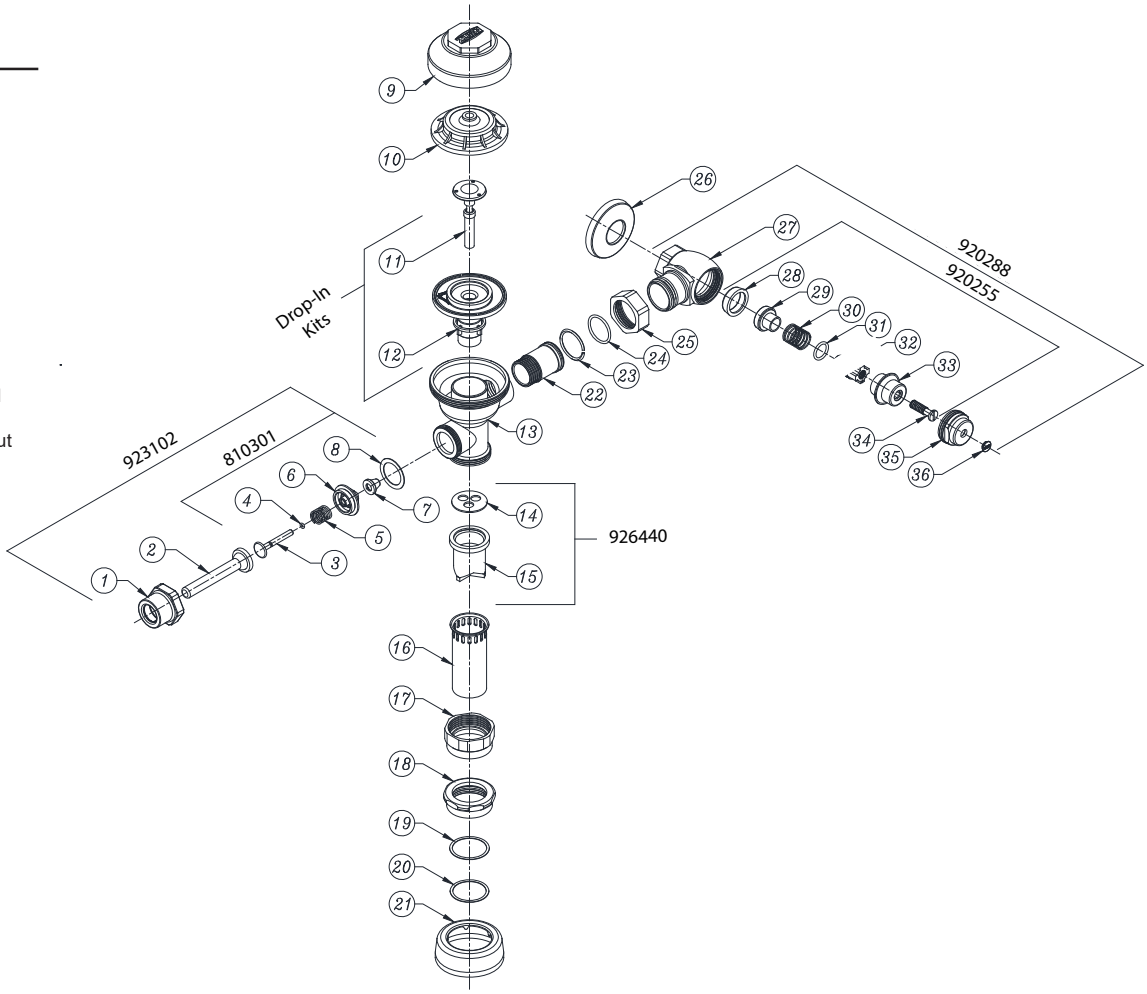


VB9CP-32
VACUUM BREAKER & ANGLE STOP SET FOR TOILET W/ EXPOSED TOP SPUD 1-1/2" OUTLET

AQUAFLUSH™ EXPOSED REPAIR PARTS

Part Identification

1. Handle Nut
2. Handle
3. Actuator Rod
4. Handle O-Ring
5. Handle Spring
6. Handle Seal Retainer
7. Handle Seal
8. Handle Gasket
9. Valve Body Cover
10. Plastic Wrap
11. Trip Mechanism
12. Diaphragm Assembly
13. Valve Body
14. Vacuum Breaker Insert
15. Vacuum Breaker Duckbill
16. Vacuum Breaker Tube
17. Vacuum Breaker Tube Nut
18. Spud Nut
19. Spud Friction Washer
20. Spud Sleeve
21. Spud Escutcheon
22. Tailpiece
23. Snap Ring
24. Tailpiece O-Ring
25. Locking Nut
26. Wall Flange
27. Stop Body
28. Piston Seal
29. Piston Seal
30. Stop Spring
31. Guide O-Ring
32. Piston Guide
33. Guide Holder
34. Adjusting Screw
35. Stop Cap
36. Snap Cap Screw Cover



Covers and Repair Kits	Product No.
Outside Cover - CP – Item 9	921085
Inside Cover – Item 10	920501
HET Water Closet Kit – 1.28 gal. flush (PL Only)	920251
ULF Urinal Kit – 0.125 gal. flush (PL Only)	921203
Low Consumption Closet Kit – 1.6 gal. flush	920266
Water Saving Closet Kit – 3.5 gal. flush	920260
Full Flow Closet Kit – 4.5 gal. flush	920382
Low Consumption Urinal Kit – 1.0 gal. flush	920268
Water Saving Urinal Kit – 1.5 gal. flush	920265
Full Flow Urinal Kit – 3.0 gal. flush	920259

Repair Parts - Inside Parts	Product No.
Urinal Relief Valve - Item 11	920270
Closet Relief Valve - Item 11	920275

Aquaflush Rebuild Kits	Product No.
Closet and Urinal Rebuild Kits Include Items 3-8, 11, 12, 24, 28-34	P6000-EC-WS-RK P6000-EC-WS1-RK P6000-EU-WS-RK P6000-EU-WS1-RK

Handle Assembly and Repair Kits	Product No.
ADA Handle Assembly (Side) Includes Items 1-8	923102
Handle Repair Kit (Side) Includes Items 4-8	810301
Handle Seal Includes Item 8	926892
Handle Gasket Includes Item 9	920434
Repair Kit for Front Operation - Exposed Includes Items 4-9	P6000-MHK
Handle Assembly (Front) Includes Items 2-9	P6000-MH

Control Stop Repair Kit and Parts	Product No.
Control Stop Repair Kit for 1” and 3⁄4” Includes Items 28-34	920255
Seal Seat for 1” and 3⁄4”, Includes Item 24	926446
VP Control Stop Repair Kit for 1” and 3⁄4”	P6000-D-VP
Sweat Solder Connection with Cast Wall Flange	P6000-YB

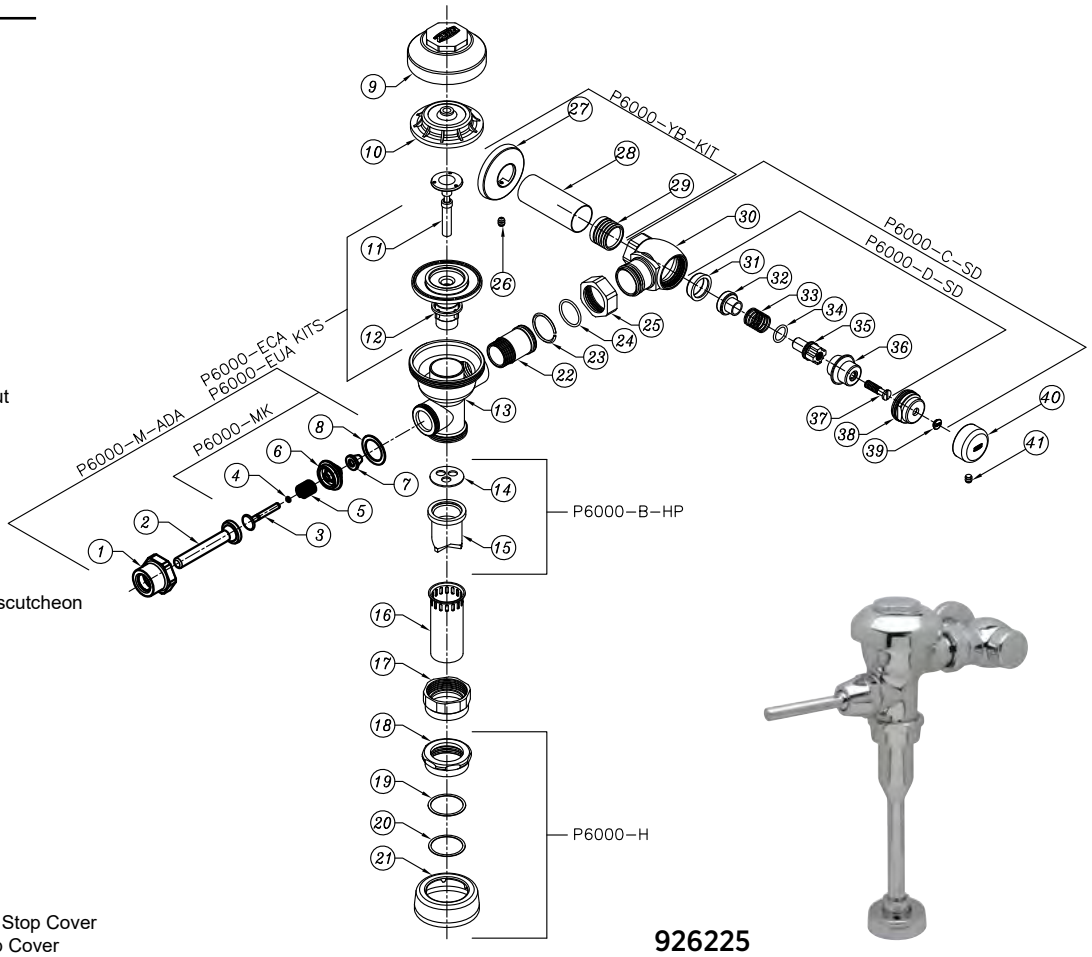
Adjustable Tailpieces	Product No.
Adjustable Tailpiece for Standard Flush Valve Includes Items 22-25	P6000-J1
Tailpiece Coupling Assembly Includes Items 23-25	P6000-K
Tailpiece Locking Ring Includes Item 23	802349
Tailpiece O-Ring Includes Item 24	P6000-C31
Coupling Nut Includes Item 25	P6000-C32

Flush Connections and Spud Coupling Kits	Product No.
Flush Tube Assembly for Flush Valves Includes Items 14-17. Specify diameter and length.	P6000-A
Vacuum Breaker Repair Kit Includes Items 14-15	926302
Spud Coupling Assembly Includes Items 18-21. Specify size.	P6000-H-CP

AQUAVANTAGE® REPAIR KITS

Part Identification

1. Handle Nut
2. Handle
3. Actuator Rod
4. Handle O-Ring
5. Handle Spring
6. Handle Seal Retainer
7. Handle Seal
8. Handle Gasket
9. Valve Body Cover
10. Plastic Wrap
11. Trip Mechanism
12. Diaphragm Assembly
13. Valve Body
14. Vacuum Breaker Insert
15. Vacuum Breaker Duckbill
16. Vacuum Breaker Tube
17. Vacuum Breaker Tube Nut
18. Spud Nut
19. Spud Friction Washer
20. Spud Sleeve
21. Spud Escutcheon
22. Tailpiece
23. Snap Ring
24. Tailpiece O-Ring
25. Locking Nut
26. Setscrew for Cast Wall Escutcheon
27. Cast Wall Escutcheon
28. Supply Cover Tube
29. Sweat Solder Adapter
30. Stop Body
31. Piston Seal
32. Piston Seal
33. Stop Spring
34. Guide O-Ring
35. Piston Guide
36. Guide Holder
37. Adjusting Screw
38. Stop Cap
39. Snap Cap Screw Cover
40. Vandal-Resistant Control Stop Cover
41. Setscrew for Control Stop Cover



926225
ZURN AQUAVANTAGE URINAL FLUSH VALVE
0.125 GPF W/ TRIPLE BYPASS FILTER

Control Stop Repair Kit and Parts	Product No.
Control Stop Repair Kit for 1" and 3/4" Includes Items 31-37	920255
Seal Seat for 1" and 3/4", Includes Item 31	926446
VP Control Stop Repair Kit for 1" and 3/4", Includes Items 30-39	920288
Sweat Solder Connection with Cast Wall Flange, Includes Items 26-29	P6000-YB

Adjustable Tailpieces	Product No.
Adjustable Tailpiece for Standard Flush Valve Includes Items 22-25	P6000-J1
Tailpiece Coupling Assembly Includes Items 23-25	P6000-K
Tailpiece Locking Ring Includes Item 23	926412
Tailpiece O-Ring Includes Item 24	P6000-C31
Coupling Nut Includes Item 25	P6000-C32

Flush Connections and Spud Coupling Kits	Product No.
Flush Tube Assembly for Flush Valves Includes Items 14-16. Specify diameter and length.	P6000-A-HP
Vacuum Breaker Repair Kit Includes Items 14-15	926302
Spud Coupling Assembly Includes Items 18-21. Specify size.	P6000-H

Covers and Repair Kits	Product No.
Outside Cover - CP – Item 9	921085
Inside Cover – Item 10	920501
HET Water Closet Kit – 1.28 gal. flush (PL Only)	920251
ULF Urinal Kit – 0.125 gal. flush (PL Only)	921203
Low Consumption Closet Kit – 1.6 gal. flush	920269
Water Saving Closet Kit – 3.5 gal. flush	920037
Full Flow Closet Kit – 4.5 gal. flush	926559
Low Consumption Urinal Kit – 1.0 gal. flush	920272
Water Saving Urinal Kit – 1.5 gal. flush	920271
Full Flow Urinal Kit – 3.0 gal. flush	920959

Repair Parts - Inside Parts	Product No.
Urinal Relief Valve - Item 11	920270
Closet Relief Valve - Item 11	920275

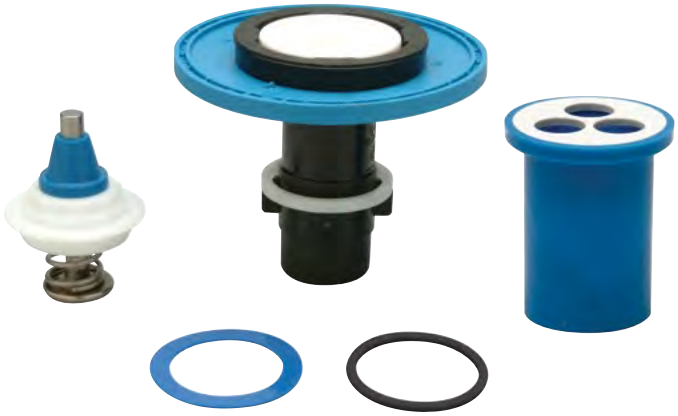
AquaVantage Rebuild Kits	Product No.
Closet and Urinal Rebuild Kits Include Items 3-8, 11, 12, 24, 28-34	P6000-EC-WS-RK P6000-EC-WS1-RK P6000-EU-WS-RK P6000-EU-WS1-RK

Handle Assembly and Repair Kits	Product No.
ADA Handle Assembly (Side) Includes Items 1-8	923102
Handle Repair Kit (Side) Includes Items 4-8	810301
Handle Seal Includes Item 8	926892
Handle Gasket Includes Item 9	920434
Repair Kit for Front Operation - Exposed Includes Items 4-9	P6000-MHK
Handle Assembly (Front) Includes Items 2-9	P6000-MH

ZURN



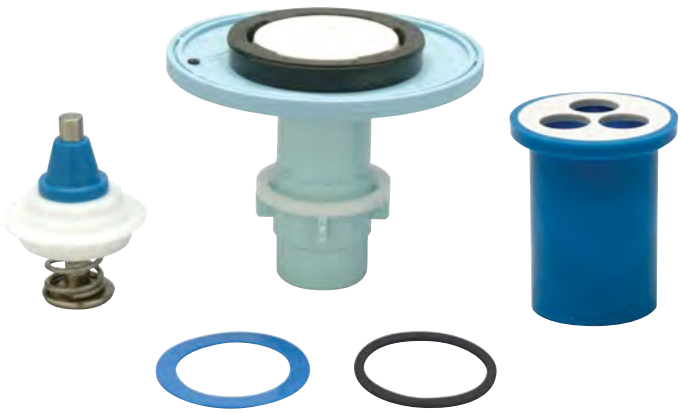
926559
ZURN AQUAVANTAGE CLOSET FLUSH VALVE REPAIR KIT 4.5 GPF
920037
ZURN AQUAVANTAGE CLOSET FLUSH VALVE REPAIR KIT 3.5 GPF
920269
ZURN AQUAVANTAGE CLOSET FLUSH VALVE REPAIR KIT 1.6 GPF
924021
ZURN AQUAVANTAGE CLOSET FLUSH VALVE REPAIR KIT 2.4 GPF
920959
ZURN AQUAVANTAGE URINAL FLUSH VALVE REPAIR KIT 3.0 GPF
920271
ZURN AQUAVANTAGE URINAL FLUSH VALVE REPAIR KIT 1.5 GPF
920272
ZURN AQUAVANTAGE URINAL FLUSH VALVE REPAIR KIT 1.0 GPF



920911
ZURN AQUAVANTAGE CLOSET COMPLETE REBUILD KIT 4.5 GPF
920273
ZURN AQUAVANTAGE CLOSET COMPLETE REBUILD KIT 3.5 GPF
920274
ZURN AQUAVANTAGE CLOSET COMPLETE REBUILD KIT 1.6 GPF
940899
ZURN AQUAVANTAGE CLOSET COMPLETE REBUILD KIT 2.4 GPF
920276
ZURN AQUAVANTAGE URINAL COMPLETE REBUILD KIT 1.5 GPF
920277
ZURN AQUAVANTAGE URINAL COMPLETE REBUILD KIT 1.0 GPF
920912
ZURN AQUAVANTAGE URINAL COMPLETE REBUILD KIT 0.5 GPF



920382
ZURN AQUAFLUSH CLOSET FLUSH VALVE REPAIR KIT 4.5 GPF
920260
ZURN AQUAFLUSH CLOSET FLUSH VALVE REPAIR KIT 3.5 GPF
920266
ZURN AQUAFLUSH CLOSET FLUSH VALVE REPAIR KIT 1.6 GPF
920913
ZURN AQUAFLUSH CLOSET FLUSH VALVE REPAIR KIT 2.4 GPF
920265
ZURN AQUAFLUSH URINAL FLUSH VALVE REPAIR KIT 1.5 GPF
920268
ZURN AQUAFLUSH URINAL FLUSH VALVE REPAIR KIT 1.0 GPF
920915
ZURN AQUAFLUSH URINAL FLUSH VALVE REPAIR KIT 0.5 GPF
920922
ZURN AQUAFLUSH VALVE REPAIR KIT 2.7GPF



920871
ZURN AQUAFLUSH CLOSET COMPLETE REBUILD KIT 4.5 GPF
920261
ZURN AQUAFLUSH CLOSET COMPLETE REBUILD KIT 3.5 GPF
920262
ZURN AQUAFLUSH CLOSET COMPLETE REBUILD KIT 1.6 GPF
920917
ZURN AQUAFLUSH URINAL COMPLETE REBUILD KIT 3.0 GPF
920263
ZURN AQUAFLUSH URINAL COMPLETE REBUILD KIT 1.5 GPF
920264
ZURN AQUAFLUSH URINAL COMPLETE REBUILD KIT 1.0 GPF
920918
ZURN AQUAFLUSH URINAL COMPLETE REBUILD KIT 0.5 GPF

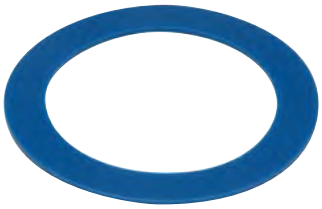
ZURN



920465
ZURN HANDLE O-RING BLUE CHEMICAL RESISTANT



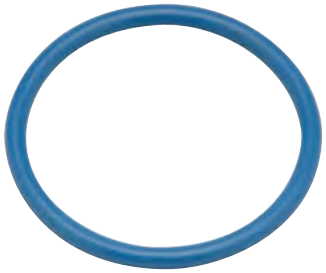
920424
ZURN HANDLE CONE SEAL BLUE NEOPRENE CHEMICAL RESISTANT



920434
ZURN HANDLE NUT GASKET BLUE NEOPRENE CHEMICAL RESISTANT



926440
ZURN VACUUM BREAKER FOR FLUSH VALVE BLUE CHEMICAL RESISTANT NEOPRENE



926430
STOP TAILPIECE O-RING BLUE NEOPRENE CHEMICAL RESISTANT



920255
ZURN STOP REPAIR KIT BLUE NEOPRENE CHEMICAL RESISTANT FOR 1" STOPS



100060
1-1/2 X 1-1/2 SPUD ASSEMBLY W/ BLUE NEOPRENE CHEMICAL RESISTANT WASHER



944069
ZURN AQUAFLUSH DIAPHRAGM ORIFICE LIGHT BLUE

942605
AQUAVANTAGE DIAPHRAGM ORIFICE DARK BLUE



920448
HANDLE REPAIR KIT FOR ZURN BLUE CHEMICAL RESISTANT



926446
ZURN SEAL PLUG BLUE CHEMCIAL RESISTANT NEOPRENE FOR 3.4" & 1" STOPS



801803
ZURN BLUE DIAPHRAGM KIT FOR CLOSET & URINAL



920084
ZURN 1-1/4" BLUE NEOPRENE SPUD WASHER FLANGED

920083
ZURN 1-1/2" BLUE NEOPRENE SPUD WASHER FLANGED



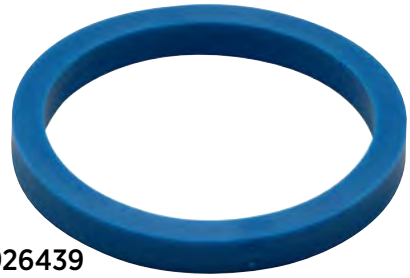
923100
ZURN DUAL FLUSH HANDLE ASSEMBLY BLUE CHEMICAL RESISTANT WATER SAVING



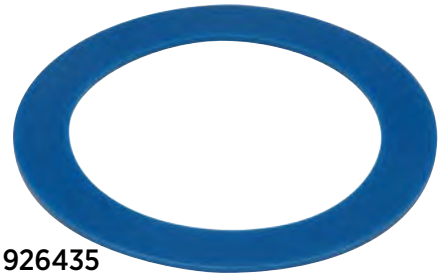
920840
ZURN FLUSHTROL CONTROL CARTRIDGE



920845
ZURN INTERNAL CAP ASSEMBLY



926439
ZURN 3/4" SPUD GASKET BLUE NEOPRENE
926442
ZURN 1-1/4" SPUD GASKET BLUE NEOPRENE
926444
ZURN 1-1/2" SPUD GASKET BLUE NEOPRENE



926435
ZURN 3/4" FRICTION RING BLUE NEOPRENE
926434
ZURN 1-1/4 FRICTION RING BLUE NEOPRENE
926433
ZURN 1-1/2 FRICTION RING BLUE NEOPRENE



200494
PROTECT-O-WRENCH PIPE WRENCH
SMOOTH JAW OFFSET



920068
ZURN WHITE FLOW RING



920810
ZURN TAILPIECE OFFSET VACUUM BREAKER ASSEMBLY 1-1/2" X 24" X 1" OFFSET
920805
ZURN TAILPIECE OFFSET VACUUM BREAKER ASSEMBLY 1-1/2" X 24" X 1-1/2" OFFSET
920800
ZURN TAILPIECE OFFSET VACUUM BREAKER ASSEMBLY 1-1/2" X 24" X 2" OFFSET



920078
ZURN YELLOW FLOW RING

VACUUM BREAKER FLUSH TUBES



920360: 1-1/2" X 3"
920214: 3/4" X 24"
920013: 1-1/4" X 9"
920001: 1-1/2" X 9"
920980: 1-1/4" X 13-1/2"
920016: 1-1/2" X 13"
920011: 1-1/4" X 24"
920010: 1-1/2" X 24"
920038: 1-1/2" X 30"
920664: 1-1/2" X 36"
FOR USE WITH COMMODE



920280
ZURN BLACK MOLDED DISK

SPUD COUPLING ASSEMBLY



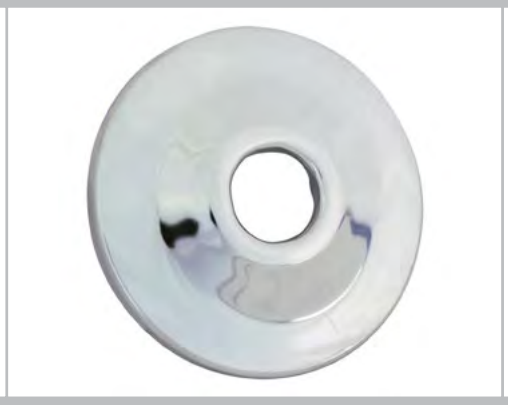
920295
ZURN 3/4" SPUD ESCUTCHEON & COUPLING ASSEMBLY
920320
ZURN 1-1/4" SPUD ESCUTCHEON & COUPLING ASSEMBLY
920325
ZURN 1-1/2" SPUD ESCUTCHEON & COUPLING ASSEMBLY

NOTES: _____

SECTION 5

COMMON REPAIR PARTS:
PLUMBING, ELECTRICAL, APPLIANCES, MISC.







ATLANTIC COASTAL SUPPLY INC.

SHOWER HEADS



500030
PULSATING MASSAGE SHOWER HEAD
5-WAY ADJUSTMENT 1/2" FIP 2.5 GPM



500435
CHROME PLATED SHOWER HEAD 1-3/4" ADUSTABLE WHITE FACE 1/2" FIP 2.0 GPM W/ METAL BALL JOINT

500035
CHROME PLATED SHOWER HEAD 1-3/4" ADUSTABLE WHITE FACE 1/2" FIP 2.0 GPM W/ PLASTIC BALL JOINT



400300
DELUXE BRASS SHOWER HEAD W/ ADJUSTABLE SIDE HANDLE 1-3/4" FACE 1/2" FIP 2.0 GPF

500040
DELUXE BRASS SHOWER HEAD W/ ADJUSTABLE SIDE HANDLE 2-1/4" FACE 1/2" FIP 2.0 GPF



501540
CHROME PLATED SMALL BELL BRASS SHOWER HEAD WATER SAVER W/ PIVOT

501541
CHROME PLATED SMALL BELL BRASS SHOWER HEAD W/ PIVOT VANDAL PROOF WATER SAVER



500045
CHROME PLATED SHOWER HEAD 2" ADJUSTABLE BLACK FACE METAL BALL JOINT 1/2" FIP 2.5 GPM



500034
BRADLEY INSTITUTIONAL SHOWER HEAD CHROME PLATED



500118
1-SPRAY 2-1/2" SHOWERHEAD IN CHROME 2.5 GPM



500022
SHOWER HEAD CHROME FINISH 2" ADJUSTABLE BLACK FACE 1/2" FIP 2.5 GPM BRASS BALL JOINT



602548
ZURN WATERSAVER SHOWER HEAD W/ ADJUSTABLE SPRAY 1.5 GPM

SHOWER HEADS



500032
WHITE/GRAY MASSAGE SHOWER HEAD 2.5 GPM 1/2" FIP BRASS BALL JOINT



502142
SYMMONS HEAVY DUTY 2 MODE SHOWER HEAD FEMALE BALL JOINT 2.5 GPM

502141
SYMMONS HEAVY DUTY 2 MODE SHOWER HEAD MALE BALL JOINT 2.5 GPM



500556
KOHLER CHROME PLATED SHOWER HEAD



505009
SHOWERHEAD W/ FEMALE SWIVEL CP BRASS VANDAL PROOF FOR ACORN 2.5 GPM 1/2" FIP



500175
SYMMONS 1 MODE INSTITUTIONAL SHOWER HEAD HEAVY DUTY BRASS 1/2" SWEAT CONNECT 2.5 GPM



808903
SYMMONS REBUILD KIT FOR 500175 SHOWER HEAD INCLUDES: SHOWERHEAD FACE & GASKET



501440
SPEAKMAN WALL MOUNTED INSTITUTIONAL SHOWER HEAD 2.5 GPM



805936
ACORN INSTITUTIONAL SHOWER HEAD FEMALE 1/2" NPTI



600071
T&S INSTITUTIONAL SHOWER HEAD VANDAL PROOF

SHOWER HEADS



000348
SLOAN ACT-O-MATIC® STANDARD W/ THUMB SCREW VOLUME CONTROL SHOWERHEAD 2.5 GPM



500203
CHROME PLATED PLASTIC SHOWER HEAD W/ BRASS BALL JOINT



501652
WATER PIK MASSAGE SHOWER HEAD 2.0 GPM 6 SPRAY SETTINGS



500033
PULSATING MASSAGE HAND-HELD SHOWERHEAD W/ MOUNTING HARDWARE & 59" FLEX HOSE 1.8 GPM



502248
SPEAKMAN SHOWER HEAD 2.5 GPM W/ VOLUME CONTROL & SPRAY ADJUSTER



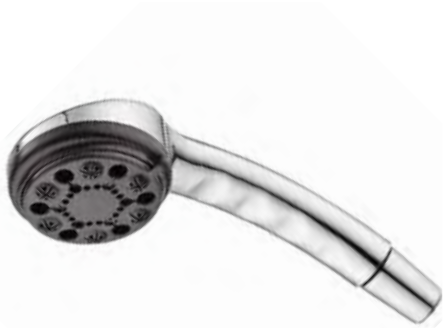
500176
DELTA UNIVERSAL HAND-HELD SHOWERHEAD 2-SETTINGS W/ PUSH BUTTON

500177
DELTA UNIVERSAL HAND-HELD SHOWERHEAD 1-SETTING W/O PUSH BUTTON



500048
HAND-HELD SHOWER HEAD WHITE PLASTIC W/ PUSH BUTTON

500047
HAND-HELD SHOWER HEAD WHITE PLASTIC W/O PUSH BUTTON



500157
DELTA UNIVERSAL HAND-HELD SHOWERHEAD 4-SETTINGS CHROME FINISH 2.5 GPM



500061
DELTA UNIVERSAL PREMIUM HAND-HELD SHOWERHEAD CHROME FINISH 7-SETTINGS

SHOWER HEADS



605511
DELTA HAND-HELD SHOWER HEAD 1-SETTING 1.75 GPM W/ PUSH BUTTON SHUT-OFF CHROME FINISH



809325
ACORN RIGID SHOWERHEAD NOZZLE ASSEMBLY 2.2 GPM



806941
SYMMONS FRONT INSERT FOR SHOWERHEAD CHROME 2.5 GPM

SHOWER HOSES



500171
DELTA UNIVERSAL HAND SHOWER HOSE 60”-80” CHROME FINISH

500170
DELTA HEAVY DUTY UNIVERSAL HAND SHOWER HOSE 69” CHROME FINISH



500159
DELTA UNIVERSAL HAND SHOWER HOSE 60” CHROME FINISH

500160
DELTA ULTRAFLEX® UNIVERSAL HAND SHOWER HOSE & GASKETS 69” CHROME FINISH

500161
DELTA ULTRAFLEX® UNIVERSAL HAND SHOWER HOSE & GASKETS 84” CHROME FINISH



500798
FLEX UNIVERSASL HAND SHOWER HOSE EXTENDS FROM 58” TO 80”



500194
DELTA HAND SHOWER HOSE 60” STAINLESS STEEL 1/2” IPS



500144
ECONOMY STAINLESS STEEL HAND SHOWER HOSE 59”

500145
ECONOMY STAINLESS STEEL HAND SHOWER HOSE 69”



500164
3/4” OD HOSE CONNECTION RUBBER WASHER FOR 1/2” PIPE 1/16” THICK

SHOWER ACCESSORIES



500156
DELTA UNIVERSAL BAR SLIDE & KNOB FOR HANDHELD SHOWER HEAD

500162
DELTA INSERT SLEEVE FOR 3/4" BAR SLIDE IN WHITE PLASTIC

500154
DELTA® CLEAR KNOB FOR BAR SLIDE FOR HAND HELD SHOWER HEADS



500101
DELTA® CLEAR PVC ADJUSTABLE GUIDE RAIL PIN-MOUNT FITS SLIDE BAR 500199



808086
DELTA® GUIDE RAIL END CAP CHROME FINISH



500167
DELTA® PIN WALL MOUNT FOR HAND SHOWER W/ SCREWS

500054
PIN WALL MOUNT FOR HAND SHOWER W/ SCREWS FOR DELTA®

500165
PIN WALL MOUNT FOR HAND SHOWER W/ ADHESIVE MOUNT



500172
DELTA® 3-WAY SHOWER ARM DIVERTER FOR HAND SHOWER ONE INLET & TWO OUTLETS

500213
CHROME PLATED 3-WAY SHOWER ARM DIVERTER VALVE BRASS FOR DELTA®



500580
DELTA® SHOWER ARM DIVERER FOR HAND SHOWER

500535
SHOWER ARM DIVERER FOR HAND SHOWER CHROME FOR DELTA®



500178
DELTA® ADAPTER FOR HAND HELD SHOWER



500801
DELTA® QUICK CONNECT ADAPTER FOR SHOWER



500168
DELTA® 24" ADJUSTABLE PIN MOUNT WALL BAR W/ BAR SLIDE & KNOB



500163
DELTA® VACUUM BREAKER ATMOSPHERIC DESIGN

806547
DELTA® VACUUM BREAKER REPAIR KIT FOR 500163

500174
VACUUM BREAKER ATMOSPHERIC DESIGN FOR DELTA®

500239
VACUUM BREAKER REPAIR KIT FOR 500174



500050
1/2" MIP X 6" BRASS SHOWER ARM CHROME FINISH

500051
1/2" MIP X 8" BRASS SHOWER ARM CHROME FINISH

500052
1/2" MIP X 10" BRASS SHOWER ARM CHROME FINISH



404382
WATER FLOW RESTRICTOR FOR SHOWER HEAD SOFT PLASTIC 0

SHOWER ACCESSORIES



404380
PLASTIC SHOWER HEAD WATER FLOW RESTRICTOR 2.5 GPM



500001
SHOWER ARM FLANGE CHROME ABS W/ SET SCREW FOR 1/2" ARMS



401520
CHROME PVC SPLIT-ON FLANGE 1/2" IPS X 2-3/4" O.D.



500055
SURE GRIP FLANGE FOR 1/2" SHOWER ARM CHROME FINISH FITS ALL 1/2" SHOWER ARMS



500031
SHOWER HEAD VOLUME CONTROL FOR 1/2" SHOWER ARM BRASS W/ CHROME FINISH



400952
SHOWER HEAD JOINT ADAPTER FOR PRICE PFISTER®



407985
10" STAINLESS STEEL SHAPED RISER EXTENSION SHOWER ARM



500192
DELTA® PIN MOUNT SWIVEL CONNECTOR FOR HAND SHOWER WHITE PVC



500166
DELTA® PIN MOUNT SWIVEL CONNECTOR FOR HAND SHOWER BRASS W/ CHROME FINISH

500067
PIN MOUNT SWIVEL CONNECTOR FOR HAND SHOWER BRASS W/ CHROME FINISH FOR DELTA®



500193
DELTA® PIN MOUNT FOR SHOWER ARM CHROME FINISH

500066
PIN MOUNT FOR SHOWER ARM CHROME FINISH FOR DELTA®

NOTES: _____

ELECTRICAL



940742
WALL SWITCH 1-POLE IN IVORY 15 AMP - 120 VOLT
940741
LEVITON 3-WAY TOGGLE WALL SWITCH IN IVORY 15 AMP



940743
DUPLEX WALL RECEPTACLE IN IVORY 15 AMPS - 125 VOLT



940751
GROUND FAULT CIRCUIT INTERRUPTER 15 AMP - 125 VOLTS DUPLEX RECEPTACLE W/ FACE PLATE



949020
WALL PLATE MID TOGGLE IVORY



943450
STAINLESS STEEL DUPLEX WALL PLATE
940040
1-GANG DUPLEX WALL PLATE IN IVORY
940301
DUPLEX RECEPTACLE COVER IN WHITE



940045
1-GANG TOGGLE WALL PLATE IN IVORY
946400
1-GANG WALL SWTICH FACE PLATE IN WHITE
943114
STAINLESS STEEL LIGHT SWTICH WALL PLATE



940012
COAXIAL CABLE WALL OUTLET SINGLE W/ SCREWS



940304
DOUBLE LIGHT SWITCH WALL PLATE IN WHITE

ELECTRICAL



949024
JUMBO SWITCH WALL PLATE IN IVORY
940303
JUMBO WALL SWITCH PLATE IN WHITE



940042
RECEPTACLE WALL PLATE OVERSIZED IN IVORY
940302
1-GANG DUPLEX OUTLET WALL PLATE IN WHITE



940004
GFI RECEPTACLE COVER PLATE IN IVORY



940724
WIRE CONNECTOR IN RED (100 PER BAG)
940723
WIRE CONNECTOR IN YELLLOW (100 PER BAG)
940722
WIRE CONNECTOR IN ORANGE (100 PER BAG)
940721
WIRE CONNECTOR IN BLACK (100 PER BAG)



940719
HEX-LOK MULTI-RANGE WIRE CONNECTORS W/ WINGS IN GRAY (PACK OF 50)



400981
BLACK PVC ELECTRICAL TAPE 7.5 MIL 3/4" X 60'



948010
WHITE PLASTIC LOCKUP CAP 1/8 IP THREAD 3/4" DIAMETER



940201
PHONE JACK WALL OUTLET FLUSH MOUNT IN IVORY W/ SCREWS



940202
PHONE JACK ASSEMBLY W/ KNOBS BEIGE



008452
9 VOLT BATTERY (1)
940034
AA BATTERY (1)
940037
AAA BATTERY (1)
940671
C BATTERY (1)
941433
D BATTERY (1)
941147
LITHIUM BATTERY FOR SENSOR FAUCET

NOTES:

WALL CORNER GUARDS

AVAILABLE COLORS:

1)BEIGE
2)BLACK
3)BLUE
4)BROWN
5)GREEN
6)GREY
7)IVORY
8)WHITE



ACS NUMBER	LENGTH	COLOR	SIZE	ATTATCHMENT METHOD	MATERIAL	CTN QTY
940088	4'	CLEAR	3/4" X 3/4"	NOT DRILLED, W/DRIVE SCREW/NAIL	LEXAN	25
940600	4'	CLEAR	1-1/8" X 1-1/8"	PRE-DRILLED WITH SCREWS	LEXAN	25
940085	4'	CLEAR	3/4" X 3/4"	SELF-ADHESIVE	HIGH IMPACT PLASTIC	50
940089	4'	CLEAR	3/4" X 3/4"	NOT DRILLED, W/DRIVE SCREW/NAIL	LEXAN	30
000373	8'	CLEAR	3/4" X 3/4"	NOT DRILLED, W/DRIVE SCREW/NAIL	GENERIC	10
941008	4'	IVORY	1-1/8" X 1-1/8"	SELF-ADHESIVE	LEXAN	25
941047	4'	BEIGE	3/4" X 3/4"	SELF-ADHESIVE	LEXAN	12
941007	4'	GREEN	1-1/8" X 1-1/8"	SELF-ADHESIVE	LEXAN	12
941049	4'	GREY	1-1/8" X 1-1/8"	SELF-ADHESIVE	LEXAN	12
940603	8'	CLEAR	1-1/8" X 1-1/8"	PRE-DRILLED WITH SCREWS	LEXAN	12
940604	8'	CLEAR	1-1/8" X 1-1/8"	SELF-ADHESIVE	LEXAN	12
000388	8'	CLEAR	3/4" X 3/4"	SELF-ADHESIVE	GENERIC	25
940601	4'	CLEAR	2" X 2"	PRE-DRILLED W/SCREWS	LEXAN	25



940087: Drape Sash Mount Corner Guard

WALL REPAIR PATCHES



940820
HOMAX DRY WALL PATCH MADE W/ GALVANIZED STEEL 4" X 4" (pictured)
940821
HOMAX DRY WALL PATCH MADE W/ GALVANIZED STEEL 6" X 6"
940822
HOMAX DRY WALL PATCH MADE W/ GALVANIZED STEEL 8" X 8"
940890
DRY WALL PATCH MADE W/ GALVANIZED STEEL 12" X 12"

WALL ACCESS PANELS



949019
FLUIDMASTER CLICK-TO-FIT ACCESS PANEL IN WHITE 8" X 8" (pictured)
949018
FLUIDMASTER CLICK-TO-FIT ACCESS PANEL IN WHITE 14" X 14"

402954
ACCESS PANEL W/ FRAME 8" X 11" X 3/4" OD IN WHITE 6' X 9" SERVICE OPENING
949029
ACCESS PANEL W/ FRAME 11" X 11" X 3/4" OD IN WHITE 8" X 8" SERVICE OPENING
402955
ACCESS PANEL W/ FRAME 17" X 17" X 3/4" OD IN WHITE 14" X 14" SERVICE OPENING



APPLIANCE REPLACEMENT PARTS



940694
RANGE REFLECTOR PAN 6”
940696
RANGE REFLECTOR PAN 8”



940306
RANGE REFLECTOR UNIVERSAL DRIP PAN IN CHROME 8”



N940697
CHROME TRIM RING 6”
940698
CHROME TRIM RING 8”



940307
UNIVERSAL RANGE TRIM RING 6”
940308
UNIVERSAL RANGE TRIM RING 8”



940310
ELECTRIC RANGE DEEP DRIP PAN IN CHROME 6”
940311
ELECTRIC RANGE DEEP DRIP PAN IN CHROME 8”



940313
RANGE BOWL REFLECTOR 6”
940314
RANGE BOWL REFLECTOR 8”



941019
ONE PIECE DRIP PAN SMALL
941018
ONE PIECE DRIP PAN LARGE
941300
ONE PIECE BLACK DRIP PAN IN BLACK 6”
941301
ONE PIECE BLACK DRIP PAN IN BLACK 8”



940320
DOME SHAPED ALUMINUM FILTER FOR RANGE HOOD

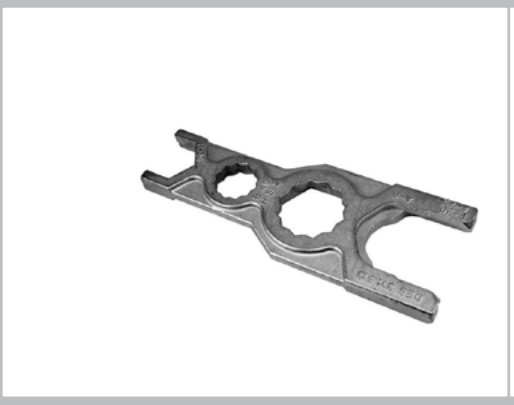


940319
ALUMINUM FILTER FOR RANGE HOOD 8-3/4” X 10-1/2” X 3/8”

NOTES: _____

SECTION 6

TOOLS, CHEMICALS, CAULK, DRILL BITS







ATLANTIC COASTAL SUPPLY INC.

01304



	ITEM NUMBER	NO. OF PIECES	DESCRIPTION
Sets	CB01304	14	1/16", 5/64", 3/32", 7/64", 1/8" 9/64", 5/32", 11/64", 3/16", 7/32", 1/4", 9/32", 5/16", 3/8"
	CB01305	29	1/16" to 1/2" by 1/64"

COBALT DRILL SETS

01905



	ITEM NUMBER	NO. OF PIECES	DESCRIPTION
Sets	SB01904	14	1/16", 5/64", 3/32", 7/64", 1/8" 9/64", 5/32", 11/64", 3/16", 7/32", 1/4", 9/32", 5/16", 3/8"
	SB01905	29	1/16" to 1/2" by 1/64"

HIGH SPEED DRILL SETS

ITEM NO. CARDED	ITEM NO. BULK	DIAMETER	FLUTE LENGTH	OVERALL LENGTH	SHANK
CB01306	CB01307	1/16"	7/8"	1-7/8"	Straight
CB01308	CB01309	5/64"	1"	2"	Straight
CB01310	CB01311	3/32"	1-1/4"	2-1/4"	Straight
CB01312	CB01313	7/64"	1-1/2"	2-11/16"	Straight
CB01314	CB01315	1/8"	1-5/8"	2-3/4"	Straight
CB01316	CB01317	9/64"	1-3/4"	2-7/8"	Straight
CB01318	CB01319	5/32"	2-1/16"	3-1/8"	Straight
CB01320	CB01321	11/64"	2-3/16"	3-5/16"	Straight
CB01322	CB01323	3/16"	2-3/8"	3-9/16"	Straight
	CB01325	13/64"	2-1/2"	3-11/16"	Straight
CB01326	CB01327	7/32"	2-9/16"	3-3/4"	Straight
	CB01329	15/64"	2-11/16"	3-7/8"	Straight
CB01330	CB01331	1/4"	2-13/16"	4-1/16"	Straight
	CB01333	17/64"	2-7/8"	4-1/8"	Straight
CB01334	CB01335	9/32"	3"	4-1/4"	Straight
	CB01337	19/64"	3-1/16"	4-3/8"	Straight
CB01338	CB01339	5/16"	3-3/16"	4-1/2"	Straight
	CB01341	21/64"	3-5/16"	4-5/8"	Straight
	CB01343	11/32"	3-1/2"	4-13/16"	Straight
	CB01345	23/64"	3-9/16"	4-15/16"	Straight
CB01346	CB01347	3/8"	3-11/16"	5-1/16"	Straight
	CB01349	25/64"	3-13/16"	5-3/16"	Straight
	CB01351	13/32"	3-15/16"	5-5/16"	Straight
	CB01353	27/64"	4"	5-1/2"	Straight
CB01354	CB01355	7/16"	4-1/8"	5-5/8"	Straight
	CB01357	29/64"	4-1/4"	5-3/4"	Straight
	CB01359	15/32"	4-7/16"	5-7/8"	Straight
	CB01361	31/64"	4-1/2"	5-15/16"	Straight
CB01362	CB01363	1/2"	4-9/16"	6-1/16"	Straight

COBALT DRILL BITS

ITEM NO. CARDED	ITEM NO. BULK	DIAMETER	FLUTE LENGTH	OVERALL LENGTH	SHANK
SB01906	SB01907	1/16"	7/8"	1-7/8"	Straight
SB01908	SB01909	5/64"	1"	2"	Straight
SB01910	SB01911	3/32"	1-1/4"	2-1/4"	Straight
SB01912	SB01913	7/64"	1-1/2"	2-11/16"	Straight
SB01914	SB01915	1/8"	1-5/8"	2-3/4"	Straight
SB01916	SB01917	9/64"	1-3/4"	2-7/8"	Straight
SB01918	SB01919	5/32"	2-1/16"	3-1/8"	Straight
SB01920	SB01921	11/64"	2-3/16"	3-5/16"	Straight
SB01922	SB01923	3/16"	2-3/8"	3-9/16"	Straight
SB00000	SB01925	13/64"	2-1/2"	3-11/16"	Straight
SB01926	SB01927	7/32"	2-9/16"	3-3/4"	Straight
	SB01929	15/64"	2-11/16"	3-7/8"	Straight
SB01930	SB01931	1/4"	2-13/16"	4-1/16"	Straight
	SB01933	17/64"	2-7/8"	4-1/8"	Straight
SB01934	SB01935	9/32"	3"	4-1/4"	Straight
	SB01937	19/64"	3-1/16"	4-3/8"	Straight
SB01938	SB01939	5/16"	3-3/16"	4-1/2"	Straight
	SB01941	21/64"	3-5/16"	4-5/8"	Straight
	SB01943	11/32"	3-1/2"	4-13/16"	Straight
	SB01945	23/64"	3-9/16"	4-15/16"	Straight
SB01946	SB01947	3/8"	3-11/16"	5-1/16"	Straight
	SB01949	25/64"	3-13/16"	5-3/16"	Straight
	SB01951	13/32"	3-15/16"	5-5/16"	Straight
	SB01953	27/64"	4"	5-1/2"	Straight
SB01954	SB01955	7/16"	4-1/8"	5-5/8"	Straight
	SB01957	29/64"	4-1/4"	5-3/4"	Straight
	SB01959	15/32"	4-7/16"	5-7/8"	Straight
	SB01961	31/64"	4-1/2"	5-15/16"	Straight
SB01962	SB01963	1/2"	4-9/16"	6-1/16"	Straight

HIGH SPEED DRILL BITS

NOTES: _____

Sets

ITEM NUMBER	NO OF PIECES	DESCRIPTION
MB01505	5	1/8", 3/16", 1/4", 5/16", 3/8"
MB01506	5	4 mm, 5 mm, 6 mm, 8 mm,10 mm
MB01510	7	1/8", 3/16", 1/4", 5/16", 3/8", 7/16", 1/2"
MB0151	7	4 mm, 5 mm, 6 mm, 7 mm, 8 mm,10 mm, 12 mm
MB01535 *Clamshell*	13	1/8", 5/32", 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 13/32", 7/16", 15/32", 1/2"

Carded Pouch Tube

ITEM NUMBER	DIAMETER	FLUTE LENGTH	OVERALL LENGTH	SHANK
MB01010	1/8"	1-5/16"	2-5/8"	Straight
MB01012	5/32"	1-3/4"	3-1/8"	Straight
MB01020	3/16"	1-7/8"	3-1/2"	Straight
MB01022	7/32"	1-7/8"	3-3/4"	Straight
MB01030	1/4"	2-1/4"	4-1/8"	Straight
MB01032	9/32"	2-5/8"	4-3/8"	Straight
MB01040	5/16"	2-5/8"	4-1/2"	Straight
MB01042	11/32"	2-5/8"	4-7/8"	Straight
MB01050	3/8"	3-1/16"	5-1/4"	Straight
MB01052	13/32"	3-3/8"	5-3/4"	Straight
MB01060	7/16"	3-3/4"	6-1/8"	Straight
MB01062	15/32"	3-5/8"	6-1/4"	3/8"
MB01070	1/2"	3-3/4"	6-1/4"	3/8"
MB01006	5/32"	1-7/8"	3-1/2"	Straight
MB01011	5/32"	3-1/4"	5-1/2"	Straight
MB01014	3/16"	1-7/8"	3-1/2"	Straight
MB01021	3/16"	3-1/4"	5-1/2"	Straight
MB01024	3/16"	4-5/8"	7-1/2"	Straight
MB01023	7/32"	3-1/4"	5-1/2"	Straight
MB01031	1/4"	4-1/4"	6-1/4"	Straight
MB01033	1/4"	4-3/4"	8"	Straight
MB01041	5/16"	4-1/4"	6-1/4"	Straight
MB01043	5/16"	4-3/4"	8"	Straight
MB01075	9/16"	3-1/8"	6-1/4"	3/8"
MB01080	5/8"	2-7/8"	6-1/8"	3/8"
MB01081	5/8"	5-5/8"	9"	3/8"
MB01090	3/4"	2-7/8"	6-1/4"	3/8"
MB01095	3/4"	5-1/4"	9-1/4"	3/8"
MB01097	7/8"	2-5/8"	6-3/8"	3/8"
MB01099	1"	3-1/4"	6-1/2"	1/2"
MB01145	3/16"	11-5/8"	16"	Straight
MB01150	1/4"	11-5/8"	16"	Straight
MB01155	5/16"	11-5/8"	16"	Straight
MB01160	3/8"	11-5/8"	16"	Straight
MB01165	7/16"	11-5/8"	16"	Straight
MB01170	1/2"	11-3/4"	16"	Straight
MB01171	1/2"	17-3/4"	24"	Straight
MB01173	9/16"	11-3/4"	16"	Straight
MB01175	5/8"	11-3/4"	16"	1/2"
MB01180	3/4"	11-3/4"	16"	1/2"
MB01185	7/8"	11-3/4"	16"	1/2"

Bulk

ITEM NUMBER	DIAMETER	FLUTE LENGTH	OVERALL LENGTH	SHANK
MB01005	1/8"	1-5/16"	2-5/8"	Straight
MB01007	5/32"	1-3/4"	3-1/8"	Straight
MB01008	5/32"	1-7/8"	3-1/2"	Straight
MB01009	5/32"	3-1/4"	5-1/2"	Straight
MB01015	3/16"	1-7/8"	3-1/2"	Straight
MB01016	3/16"	3-1/4"	5-1/2"	Straight
MB01019	3/16"	4-5/8"	7-1/2"	Straight
MB01017	7/32"	1-7/8"	3-3/4"	Straight
MB01018	7/32"	3-1/4"	5-1/2"	Straight
MB01025	1/4"	2-1/4"	4-1/8"	Straight
MB01026	1/4"	4-1/4"	6-1/4"	Straight
MB01028	1/4"	4-3/4"	8"	Straight
MB01027	9/32"	2-5/8"	4-3/8"	Straight
MB01035	5/16"	2-5/8"	4-1/2"	Straight
MB01036	5/16"	4-1/4"	6-1/4"	Straight
MB01038	5/16"	4-3/4"	8"	Straight
MB01037	11/32"	2-5/8"	4-7/8"	Straight
MB01045	3/8"	3-1/16"	5-1/4"	Straight
MB01047	13/32"	3-3/8"	5-3/4"	Straight
MB01055	7/16"	3-3/4"	6-1/8"	Straight
MB01057	15/32"	3-5/8"	6-1/4"	3/8"
MB01065	1/2"	3-3/4"	6-1/4"	3/8"
MB01073	9/16"	3-1/8"	6-1/4"	3/8"
MB01074	5/8"	2-7/8"	6-1/8"	3/8"
MB01076	5/8"	5-5/8"	9"	3/8"
MB01089	3/4"	2-7/8"	6-1/4"	3/8"
MB01094	3/4"	5-1/4"	9-1/4"	3/8"
MB01096	7/8"	2-5/8"	6-3/8"	3/8"
MB01098	1"	3-1/4"	6-1/2"	1/2"

ARTU Multi-Purpose Drill Bits conform to ANSI standards. Precision bits accurate to -0.05mm can be manufactured upon request.

MULTI-PURPOSE DRILL BITS

Sizes

ITEM NO. CARDED	ITEM NO. BULK	DIAMETER	FLUTE LENGTH	OVERALL LENGTH	SHANK
PB01425*	PB01416	5/32"	1-1/2"	3-1/8"	Straight
PB01430*	PB01418	3/16"	1-7/8"	3-1/2"	Straight
PB01435*	PB01420	1/4"	2-3/8"	4-1/8"	Straight
PB01440*	PB01422	5/16"	2-3/8"	4-1/2"	Straight
PB01445*	PB01424	3/8"	3-1/8"	5-5/16"	Straight
	PB01426	1/2"	3-5/8"	6-1/4"	3/8"

Set

ITEM NUMBER	NO OF PIECES	DESCRIPTION
PB01405	4	5/32", 5/32", 3/16", 1/4"

** Carded bits include 5/32" pilot bit*

PORCELAIN PLUS DRILL BITS FOR HARD TILES



Jigsaw

ITEM NO. CARDED	ITEM NO. BULK	DESCRIPTION	SHANK	GRIT
JB01652	JB01651	2-3/4" TC Grit Jigsaw Blade	U-Shank	Med
JB01661	JB01660	3-5/8" TC Grit Jigsaw Blade	U-Shank	Med
JB01637	JB01636	3" TC Grit Jigsaw Blade	T-Shank	Med
JB01666	JB01665	4" TC Grit Jigsaw Blade	T-Shank	Med

Reciprocating

ITEM NO. CARDED	ITEM NO. BULK	DESCRIPTION	GRIT
RB01800		3 Pc. Recip Saw Blade Set (6, 9, 12)	Medium
RB01806	RB01805	4" TC Grit Recip Saw Blade	Medium
RB01810	RB01809	6" TC Grit Recip Saw Blade	Medium
RB01811		6" TC Grit Recip Saw Blade - 3 Pk	Medium
RB01814	RB01813	8" TC Grit Recip Saw Blade	Medium
RB01818	RB01817	9" TC Grit Recip Saw Blade	Medium
RB01819		9" TC Grit Recip Saw Blade - 3 Pk	Medium
RB01822	RB01821	12" TC Grit Recip Saw Blade	Medium

Rod & Hack Saw

ITEM NO. CARDED	ITEM NO. BULK	DESCRIPTION
HB01720	HB01715	6" TC Grit Rod Saw Blade
HB01721	HB01716	6" TC Grit Rod Saw Blade w/Pin
HB01740	HB01739	12" TC Grit Rod Saw Blade
HB01760	HB01759	12" TC Grit Hacksaw Blade

GRIT TOOLS



Clamshell

ITEM NUMBER	DESCRIPTION
GH02805	1" TC Grit Hole Saw with Arbor & Pilot Bit
GH02810	1-1/4" TC Grit Hole Saw with Arbor & Pilot Bit
GH02820	1-3/8" TC Grit Hole Saw with Arbor & Pilot Bit
GH02830	1-3/4" TC Grit Hole Saw with Arbor & Pilot Bit
GH02840	2-1/8" TC Grit Hole Saw with Arbor & Pilot Bit
GH02850	2-1/2" TC Grit Hole Saw with Arbor & Pilot Bit
GH02860	3-1/4" TC Grit Hole Saw with Arbor & Pilot Bit
GH02870*	4" TC Grit Hole Saw with Arbor & Pilot Bit
GH02885	Replacement Arbor & Pilot Bit
GH02890	**6-Pc. Set** 1-1/4", 1-3/4", 2-1/8", 2-1/2", Arbor & Pilot Bit

** The ARTU 4" Hole Saw requires a 1/2" heavy-duty drill motor for usage*

GRIT HOLE SAW



200008
TUBE CUTTER ZIP ACTION 1/4" TO 2-1/2"
(204785: REPLACEMENT CUTTER WHEEL)



200007
ENCLOSED FEED TUBE CUTTER 1/8" X 1-1/8"



200062
TUBING CUTTER RIDGID 1/4" X 1-1/8"
(204658: REPLACEMENT CUTTER WHEEL)



203541
RIDGID TUBING CUTTER #20 5/8" - 2-1/8"
SCREW FEED (202214: REPLACEMENT CUTTER)



(201173: REPLACEMENT CUTTER WHEEL)
200034
1/2" AUTOCUT TUBING CUTTER
200035
3/4" AUTOCUT TUBING CUTTER



(201173: REPLACEMENT CUTTER WHEEL)
200037
RATCHET HANDLE FOR 1/2" AUTOCUT CUTTER
200036
RATCHET HANDLE FOR 3/4" AUTOCUT CUTTER



204424
GENERAL PIPE CLEANERS SUPERSLICE
PLASTIC TUBING CUTTER



201502
WHEELER-REX PVC PIPE CUTTER 1/8" TO 1 5/8"
OD



200050
RATCHETING PVC PIPE CUTTER FOR PIPE UP
TO 1-5/8"



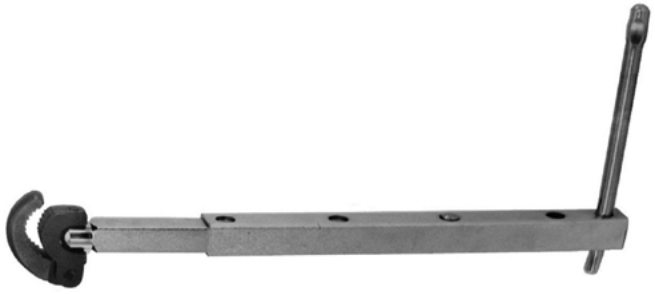
200245
BIG YANKS SR HEAVY DUTY PULLER FOR
LARGE AND SMALL HANDLES TWO ARM



201103
BIG YANK SR. 3 PRONG HANDLE PULLER



809471
HANDLE PULLER - HEAVY DUTY



201032
TELESCOPING BASIN WRENCH JAW FITS UP TO 2" LOCKNUTS EXTENDS 9" TO 16"



200480
BASIN WRENCH ADJUSTABLE 9" TO 15"



201125
SPUD WRENCH



200215
COMBINATION SPUD WRENCH ADJUSTABLE



200180
DUMBBELL WRENCH FOR SPUDS & TUBS



200190
RADIATOR SPUD WRENCH



201060
HEAVY DUTY SHOWER VALVE SOCKET SET



200020
DOGBONE WRENCH FOR AMERICAN STANDARD COLONY

200390
DOGBONE WRENCH FOR SAYCO

200395
DOGBONE WRENCH FOR PRICE PFISTER

200400
DOGBONE WRENCH KOHLER

201153
DOGBONE WRENCH FOR GERBER

200052
BONNET WRENCH FOR INDIANA BRASS



201101
BASKET STRAINER WRENCH ZINC FINISH



201252
INTERNAL NIPPLE WRENCH SET 1/2" TO 1" (INCLUDES: 200200: 1/2" WRENCH; 200205: 3/4" WRENCH; 200210: 1" WRENCH)



200009
DRUM TRAP PLUG WRENCH



200170
CLOSET SEAT NUT WRENCH



201106
FLUSHOMETER SPUD TAIL PIECE WRENCH



200018
NO-HUB TORQUE WRENCH 60 LB PRESSURE RELEASE



200525
LEVER DRAIN INSTALLATION/REMOVAL TOOL



201159
WRENCH/HEX COMBO FOR DELTA/PEERLESS/VALLEY ADJUSTING RING



200545
EUREKA CLEANOUT PLUG WRENCH 6-WAY



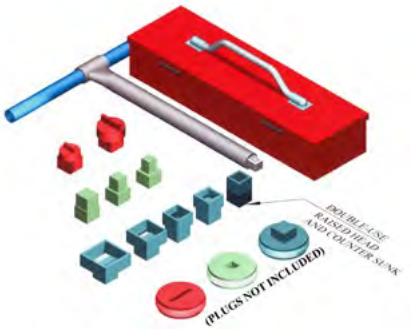
200185
P.O. PLUG & CLOSET SPUD WRENCH



201140
INSIDE EXPANSION PIPE WRENCH



205667
TWIST-OFF STRAP WRENCH



205508
STANDARD CLEAN OUT PLUG WRENCH SET (10 PIECES) W/ EXTENSION HANDLE & BOX



200250
4-IN-1 STRAINER WRENCH FITS 3-3/8" STRAINER LOCKNUT



200494
PROTECT-O-WRENCH PIPE WRENCH



200495
SLOAN SUPER WRENCH



803595
KOHLER HYDRANT KEY



201200
SOFT-JAW WINDER PLIERS WIDE JAW UP TO 2-3/4" 10-1/2" LONG



200110
1/4" HYDRANT SILLCOCK KEY

200111
5/16" SQUARE HOLE HOSE BIBB KEY

200715
HYDRANT KEY FOR WOODFORD

200730
HYDRANT LOG LIGHTER KEY FOR SQUARE ROD 5/16" X 3"

200500
ZURN HYDRANT KEY



200025
HYDRANT KEY 4-WAY



200415
TONGUE AND GROOVE PLIERS 10" W/ TEETH



200420
10" SMOOTH JAW PLIERS 2-1/8" JAW OPENING



200116
COPPER FITTING CLEANING BRUSH 1/2"
200117
COPPER FITTING CLEANING BRUSH 3/4"



206116
1" ID COPPER FITTING CLEANING BRUSH WOODEN HANDLE



200129
CLEANING BRUSH 4-IN-1 FITTING/TUBING 1/2" X 3/4"



201152
MOEN 2-IN-1 STEM AND CARTRIDGE PULLER



200560
NUTCRACKER W/O WRENCH



201146
BIBB SCREW REPAIR KIT 300 PIECES



201110
TUB DRAIN REMOVAL TOOL



942005
POCKET TEST THERMOMETER 0° TO 220° F



008346
DIGITAL THERMOMETER -58° TO 572° F



200017
3-IN-1 TUBING BENDER FOR 1/4" / 5/16" / 3/8" COPPER OR ANNEALED TUBING



200051
FLARING TOOL



201121
EASY OUT SEAT WRENCH LEFT THREADED ENDS



200135
ANGLE SEAT WRENCH W/ STEPPED ENDS
200140
ANGLE SEAT WRENCH W/ TAPERED ENDS



201030
4 PIECE WRENCH SET W/ VINYL POUCH
200220
4 PIECE SEAT EXTRACTOR SET



200802
5 PIECE SCREW EXTRACTOR SET, HEAVY DUTY AND DURABLE



200175
MESH AND SAND CLOTH TARAMET 180 GRIT 1-1/2" X 10 YARDS



400980
TEFLON PIPE THREAD TAPE 3.5 MIL 1/2x520"
400987
TEFLON PIPE THREAD TAPE 3.5 MIL3/4x520"



400983
1/2" X 260" TEFLON YELLOW GAS LINE THREAD SEAL TAPE 3.5 MIL



940752
SILVER DUCT TAPE 2" X 60 YARDS



400981
BLACK PVC ELECTRICAL TAPE 7.5 MIL 3/4" X 60'



200125
SAND CLOTH TARAMET 120 GRIT 1-1/2" X 10 YARDS



200147
PIPE REPAIR KIT WRAP FOR PIPE UP TO 1" 2" X 60"
200148
PIPE REPAIR KIT WRAP FOR PIPE OVER 1" 3" X 120"



205441
JUNIOR HACKSAW



201160
REPLACEMENT BLADE FOR 6" JUNIOR HACKSAW 5 PACK



206981
PLUMBERS PVC HANDSAW 13 IN CUTS TO FLOOR LEVEL W/ COMFORT HANDLE



200780
TELESCOPING MAGNETIC PICK-UP TOOL 30" 15 LB CAPACITY



200002
ACS 6-WAY SCEWDRIVER W/ REVERSIBLE TIPS



940962
RHINO SHIELD LATEX MEDICAL GRADE GLOVES POWDER-FREE TEXTURED 14 MIL SIZE LARGE
940963
RHINO SHIELD LATEX MEDICAL GRADE GLOVES POWDER-FREE TEXTURED 14 MIL SIZE X-LARGE
940964
RHINO SHIELD LATEX MEDICAL GRADE GLOVES POWDER-FREE TEXTURED 14 MIL SIZE 2X-LARGE



200041
GENERAL PIPE CLEANERS STEEL SPIN-THRU HANDHELD DRAIN CLEANER W/ 1/4" X 15' CABLE

200042
GENERAL PIPE CLEANERS STEEL SPIN-THRU HANDHELD DRAIN CLEANER W/ 1/4" X 25' CABLE



200267
GENERAL PIPE CLEANERS STEEL SPIN-THRU HANDHELD DRAIN CLEANER W/ 1/4" X 15' CABLE



200510
DRAIN FLUSHER 1-2" LINE USE W/ GARDEN HOSE FITTING

200515
DRAIN FLUSHER 1.5-3" LINE USE W/ GARDEN HOSE FITTING

200520
DRAIN FLUSHER 4-6" LINE USE W/ GARDEN HOSE FITTING



206108
JET SWET KIT WITH CASE 1/2" TO 2" SIZES



208825
JET SWET 1/2" SINGLE TOOL

208826
JET SWET 3/4" SINGLE TOOL

208830
JET SWET 1" SINGLE TOOL

202225
JET SWET 1-1/2" SINGLE TOOL

206104
JET SWET 2" SINGLE TOOL

208827
JET SWET 2-1/2" SINGLE TOOL

208828
JET SWET 3" SINGLE TOOL



008015
JET SWET 1/2" REPLACEMENT GASKET

008019
JET SWET 3/4" REPLACEMENT GASKET

008071
JET SWET 1" REPLACEMENT GASKET

008072
JET SWET 1-1/4" REPLACEMENT GASKET

008073
JET SWET 2" REPLACEMENT GASKET



700121
LEAD-FREE SOLDER ONE POUND 410° MELTING POINT 7130 PSI



200750
SOLDER 50/50 ONE POUND



200760
97/3 LEAD FREE SOLDER ONE POUND SPOOL



700115
LACO THREAD SEALING COMPOUND



700154
HERCULES SOLDERING PASTE SCREW CAP W/ BRUSH 9 OZ



700120
REGULAR FLUX PASTE 4 OZ



205200
OATEY LEAD FREE SOLDER PASTE NO. 5 FLUX 8 OZ



200118
ACID BRUSH 1/2" X 6" METAL HANDLE



100490
KORKY PLUNGER W/ HOLDER



204021
PLUNGER BALL HEAVY DUTY



100018
PLUNGER 6 BLACK RUBBER



100017
FORCE CUP-RED W/ WOOD HANDLE



100011
BLUE MASTER PLUNGER 21" L W/ 9" CUP



100217
HAND HELD MINI PLUNGER



100015
FORCE CUP FREE FLO W/ LIP-BOX TYPE RAD.



100016
DESCRIPTION GOES HERE, THERE IS ROOM FOR 2 LINES OF INFORMATION



100003
HIGH NECK EXTRA HEAVY DUTY FORCE CUP 4" W/ HANDLE



100894
4" FORCE CUP W/ 9" HANDLE SMALL



307689
12" BIGMOUTH CANVAS TOOL TOTE BAG (TOOLS NOT INCLUDED)



700110
ANTI-CLOG A/C TABLET SMALL

700111
ANTI-CLOG A/C TABLET LARGE



700450
ACTABS JR AIR CONDITIONING DRAIN PAN TREATMENT 200 TABS



205207
CONDENSATE LINE KIT INCLUDES SMALL CAN AND HOSE UNIT

704112
CONDENSATE LINE CLEANER CAN ONLY



200902
PRESSURE PLUMBER COMMERICAL USE



205580
CYCLONE FIN & COIL CLEANER SPRAY 20 OZ (CASE OF 12)



700105
ENDRUST RUST & STAIN REMOVER MINT SCENTED 20 OZ BOTTLE



700050
QUICK ACTION CONTROL ENZYME DRAIN CLEANER 5 GALLON PAIL



700050Q
QUICK ACTION CONTROL ENZYMATIC DRAIN CLEANER/ DEODORIZER QUART (CASE OF 12)



700029
SEAL OUT - TRAP SEALANT ONE QUART (CASE OF 12)



701445
RED HOT SEWER SOLVENT 5 GALLON BUCKET



700130
SWIFT DRAIN CLEANER 1 LB CONTAINER

700131
SWIFT DRAIN CLEANER 2 LB CONTAINER



700060
LIME SOLV LIQUID SCALE REMOVER ONE GALLON (4 PER CASE)



700064
BLUE THUNDER VIRGIN SULFURIC DRAIN OPENER ONE QUART (12 PER CASE)



700062
ECO POW GREEN BIO-DEGRADABLE SEPTIC & CESSPOOL CLEANER (CASE OF 4 GALLONS)



700063
ONE SHOT SULFURIC ACID DRAIN CLEANER (12 PER CASE)



700030
AERO NON-ACID ALKALI DRAIN OPENER 32 OZ (CASE OF 12)



700074
WHITE CAULK SQUEEZE TUBE 5.5 FL OZ

700076
ALMOND/BONE CAULK SQUEEZE TUBE 5.5 FL OZ



700012
LIQUID NAILS CAULKING 10.5 OZ TUBE



700020
WHITE POLY SEAM SEAL 10 OZ TUBE



700018
WHITE SILICONE SEALANT 10.1 OZ TUBE



700055
WHITE TUB & TILE CAULK 5.5 OZ SQUEEZE TUBE



700210
OATEY PVC MEDIUM GRAY CEMENT 32 OZ



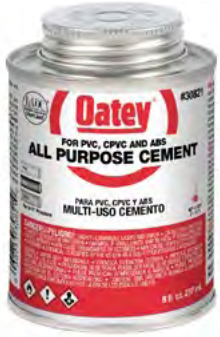
700200
OATEY PURPLE PRIMER 32 OZ
700193
OATEY PURPLE PRIMER 8 OZ
700192
OATEY PURPLE PRIMER 4 OZ



700090
OATEY CLEAR PVC CEMENT 16 OZ



700091
OATEY CPVC FLOWGUARD GOLD 1-STEP YELLOW CEMENT 16 OZ



700092
OATEY ALL PURPOSE CEMENT 8 OZ
701251
OATEY ALL PURPOSE CEMENT 16 OZ



700047
PVC RAIN-R-SHINE BLUE CEMENT 8 OZ
703650
PVC RAIN-R-SHINE BLUE CEMENT 16 OZ



404624
PVC HEAVY DUTY CLEAR CEMENT 32 OZ
700205
PVC HEAVY DUTY CLEAR CEMENT 16 OZ



700095
OATEY CLEAR CLEANER 16 OZ



700038
NO DRIP PIPE JOINT COMPOUND 2 OZ TUBE



700006
HERCULES 300° PLUMBERS GREASE 2 OZ



700001
RPM PLUMBER'S HEAT PRUF GREASE 2.5OZ



700044
HARVEY HEAT PROOF GREASE 1 FL OZ TUBE



700045
EPOX-EASE EXOXY PUTTY 4 OZ TUBE



403394
SLOW TRACK INSULATION CONTACT ADHESIVE ONE PINT



700025
LIQUID WRENCH PENETRATING OIL 11 OZ



704471
WELD-ON SHOWER PAN SOLVENT PVC ONE PINT



700215
HERCULES PRO DOPE W/ BRUSH ATTACHED TO SCEW CAP 1/2 PINT



700123
HERCULES GRRIP FOR PIPES INDUSTRIAL BLACK 1/2 PINT SCEW CAP W/ BRUSH



700040
HERCULES WHITE REAL TUFF THREAD SEALANT W/ BRUSH SCREW CAP 1/4 PINT



700070
PIPE THREAD SEALANT 1.69 FL OZ



700014
HERCULES MEGALOC THREAD SEALANT W/ ATTACHED BRUSH SCEW CAP 1/4 PINT

700016
HERCULES MEGALOC THREAD SEALANT W/ ATTACHED BRUSH SCEW CAP 1/2 PINT



206654
RECTOR SEAL PIPE THREAD SEALANT 8 OZ

700043
RECTOR SEAL #5 PIPE THREAD SEALANT ONE PINT



700010
STAINLESS PLUMBERS PUTTY 14 OZ

700011
STAINLESS PLUMBERS PUTTY 5 LB TUB



940790
PORC-A-FIX PORCELAIN TOUCH-UP GLAZE BASIC WHITE 15 CC BOTTLE

TYPES OF SCREWS

SNAKE EYES SPANNERS

The original Snake Eyes Spanner requires matching drive bit reducing the chances of unauthorized removal. Available in 18-8 stainless steel in a wide range of sizes and head styles. Some machine screws available in brass. Nuts are zinc alloy.

SOCKET PIN-HEAD

Engineered for a high degree of tamper-resistance offering positive engaging, high torque transmission while resisting cam-out and tool wear. Available in button & flat head design or set screws (special order). Matching drive bit required for installation and removal.

PHILLIPS PIN-HEAD

Traditional Phillips drive with tamper-resistant pin added for security. Easy to drive & remove with matching tool. (Cannot be removed with Phillips Screwdriver.) Available in machine & sheet metal screws with flat or pan head design.

TORX PIN-HEAD

Maximum torque transfer & positive tool engagement means easier drive installation with less pressure & slippage. Torx Pin-Head offers a high degree of security & requires matching drive bit. Available in Button & Flat-Head machine screws & Button, Flat & Pan-head design sheet metal screws.

ONE-WAY SLOTTED

Popular design installs with standard screwdriver. Reverse side cammed out to prevent unauthorized removal. Machine and sheet metal screws available in round, truss or oval head designs. Sex-bolts also available.

TRI-WING

Economical Tri-Wing tamper-resistant screws are the common choice for high volume assembly operations while offering a minimal degree of security. Machine & sheet metal screws are offered in a Pan-Head design and Opsit reverse thread.

OPSIT REVERSE THREAD

Opsit is a reverse thread sheet metal screw that installs counter-clockwise, thus, tightens if removal is attempted. Available with a low profile truss head and Tri-Wing drive.

TP3 TRIANGULAR

New trilobular drive offers a high degree of security requiring matching tool bit.

HEAD STYLES

PAN

Features a low profile, large diameter head with a high-edged crown for increased strength.

ROUND

One-Way screws only. Features a high crown with a deep recess & smaller diameter head than our Truss or Pan Head designs.

FLAT

Installs flush with countersunk materials for clean appearance.

OVAL

Used where countersink installation is desired. Rounded head offers deep recess & is visible just above the surface.

TRUSS

Low profile offers added security. Large diameter head for increased fastening strength.

BUTTON

Also used for general purposes with a lower crown & shallower recess than our Round Head design.

THREAD STYLES

SHEET METAL A OR AB

Thread forming screw with locating point.

SELF DRILLING

Type AB thread with a 410 heat treated stainless steel, #2 self-drilling point.

MACHINE MS

Machine screw standard thread, straight sheared point.

TAMPERPROOF



PAN HEAD/MACHINE SCREWS

18-8 STAINLESS STEEL

DIAMETER	LENGTH	PART NO.	PRICE CODE	DRIVER SIZE
4-40	1/4	1.44014PS	A9	4
	3/8	1.44038PS	A9	
	1/2	1.44012PS	A9	
	5/8	1.44058PS	A9	
	3/4	1.44034PS	A9	
	1	1.4401PS	A9	
	1-1/4	1.440114PS	B1	
	1-1/2	1.440112PS	B3	

DIAMETER	LENGTH	PART NO.	PRICE CODE	DRIVER SIZE
6-32	1/4	1.63214PS	A9	6
	3/8	1.63238PS	A9	
	1/2	1.63212PS	A9	
	5/8	1.63258PS	A9	
	3/4	1.63234PS	A9	
	1	1.6321PS	A9	
	1-1/4	1.632114PS	B1	
	1-1/2	1.632112PS	B3	
	2	1.6322PS	B4	
	3	1.6323PS	D1	

DIAMETER	LENGTH	PART NO.	PRICE CODE	DRIVER SIZE
8-32	1/4	1.83214PS	B1	8
	3/8	1.83238PS	B1	
	1/2	1.83212PS	B1	
	5/8	1.83258PS	B1	
	3/4	1.83234PS	B1	
	1	1.8321PS	B1	
	1-1/4	1.832114PS	B3	
	1-1/2	1.832112PS	B4	
	2	1.8322PS	B8	
	2-1/2	1.832212PS	C3	
	3	1.8323PS	C6	

DIAMETER	LENGTH	PART NO.	PRICE CODE	DRIVER SIZE
10-32	1/4	1.10314PS	B3	10
	3/8	1.10338PS	B3	
	1/2	1.10312PS	B3	
	5/8	1.10358PS	B3	
	3/4	1.10334PS	B3	
	1	1.1031PS	B3	
	1-1/4	1.103114PS	B5	
	1-1/2	1.103112PS	B8	
	2	1.1032PS	C3	

DIAMETER	LENGTH	PART NO.	PRICE CODE	DRIVER SIZE
10-24	1/4	1.10214PS	B3	10
	3/8	1.10238PS	B3	
	1/2	1.10212PS	B3	
	5/8	1.10258PS	B3	
	3/4	1.10234PS	B3	
	1	1.1021PS	B3	
	1-1/4	1.102114PS	B5	
	1-1/2	1.102112PS	B8	
	2	1.1022PS	C3	
	3	1.1023PS	D1	

DIAMETER	LENGTH	PART NO.	PRICE CODE	DRIVER SIZE
12-24	1/4	1.12214PS	B8	12
	1/2	1.12212PS	B8	
	3/4	1.12234PS	B8	
	1	1.1221PS	B8	
	1-1/4	1.122114PS	C1	
	1-1/2	1.122112PS	C3	

DIAMETER	LENGTH	PART NO.	PRICE CODE	DRIVER SIZE
1/4-20	3/8	1.14238PS	C2	1/4
	1/2	1.14212PS	C2	
	5/8	1.14258PS	C2	
	3/4	1.14234PS	C2	
	1	1.1421PS	C3	
	1-1/4	1.142114PS	C4	
	1-1/2	1.142112PS	C6	
	2	1.1422PS	C8	
	2-1/4	1.142214PS	D1	
	2-1/2	1.142212PS	D4	
	3	1.1423PS	D8	
	4	1.1424PS	E3	

DIAMETER	LENGTH	PART NO.	PRICE CODE	DRIVER SIZE
1/4-28	1/2	1.14812PS	C3	1/4
	5/8	1.14858PS	C3	
	3/4	1.14834PS	C3	
	1	1.1481PS	C5	
	1-1/2	1.148112PS	C6	



TAMPERPROOF



TRUSS HEAD/MACHINE SCREWS

18-8 STAINLESS STEEL

DIAMETER	LENGTH	PART NO.	PRICE CODE	DRIVER SIZE
6-32	3/8	1.63238TS	A9	6
	1/2	1.63212TS	A9	
	3/4	1.63234TS	A9	
	1	1.6321TS	A9	

DIAMETER	LENGTH	PART NO.	PRICE CODE	DRIVER SIZE
8-32	1/2	1.83212TS	B1	8
	5/8	1.83258TS	B1	
	3/4	1.83234TS	B1	
	1	1.8321TS	B1	
	1-1/4	1.832114TS	B3	
	1-1/2	1.832112TS	B4	
	2-1/2	1.832212TS	C3	

DIAMETER	LENGTH	PART NO.	PRICE CODE	DRIVER SIZE
10-32	1/2	1.10312TS	B3	10
	5/8	1.10358TS	B3	
	3/4	1.10334TS	B3	
	1	1.1031TS	B3	
	1-1/2	1.103112TS	B8	

DIAMETER	LENGTH	PART NO.	PRICE CODE	DRIVER SIZE
10-24	1/2	1.10212TS	B3	10
	3/4	1.10234TS	B3	
	1	1.1021TS	B3	
	1-1/2	1.102112TS	B8	
	1-3/4	1.102134TS	C1	

DIAMETER	LENGTH	PART NO.	PRICE CODE	DRIVER SIZE
1/4-20	3/8	1.14238TS	C2	1/4
	1/2	1.14212TS	C2	
	3/4	1.14234TS	C2	
	1	1.1421TS	C3	
	1-1/4	1.142114TS	C4	
	1-1/2	1.142112TS	C6	
	2	1.1422TS	C8	

DIAMETER	LENGTH	PART NO.	PRICE CODE	DRIVER SIZE
5/16-18	3/4	1.51634TS	C9	1/4
	1	1.5161TS	D1	
	1-1/4	1.516114TS	D4	
	1-1/2	1.516112TS	D8	
	2	1.5162TS	D8	
	2-1/2	1.516212TS	E1	
	3	1.5163TS	E4	

DIAMETER	LENGTH	PART NO.	PRICE CODE	DRIVER SIZE
3/8-16	1/2	1.38612TS	D8	1/4
	5/8	1.38658TS	D8	
	3/4	1.38634TS	D8	
	1	1.3861TS	E1	
	1-1/4	1.386114TS	E1	
	1-1/2	1.386112TS	E3	
	2	1.3862TS	E3	
	2-1/2	1.386212TS	E5	
	3	1.3863TS	E6	
	3-1/2	1.386312TS	E7	



FLAT HEAD/MACHINE SCREWS

18-8 STAINLESS STEEL

DIAMETER	LENGTH	PART NO.	PRICE CODE	DRIVER SIZE
4-40	1/4	1.44014FS	A9	4
	3/8	1.44038FS	A9	
	1/2	1.44012FS	A9	
	1	1.4401FS	A9	
	1-1/2	1.440112FS	B3	

DIAMETER	LENGTH	PART NO.	PRICE CODE	DRIVER SIZE
6-32	3/16UC	1.632316UFS	A9	6
	1/4UC	1.63214UFS	A9	
	1/4	1.63214FS	A9	
	3/8	1.63238FS	A9	
	1/2	1.63212FS	A9	
	5/8	1.63258FS	A9	
	3/4	1.63234FS	A9	
	1	1.6321FS	A9	
	1-1/4	1.632114FS	B1	
	1-1/2	1.632112FS	B3	
	2	1.6322FS	B4	
	3	1.6323FS	D1	

Note: "UC" denotes undercut head.



Standard Flat Head



Undercut Flat Head

(Per Size) At 1m screws: less 10% • At 5m screws: less 20% • At 10m screws: less 30%



TAMPERPROOF



FLAT HEAD/MACHINE SCREWS (CON'T)

18-8 STAINLESS STEEL

DIAMETER	LENGTH	PART NO.	PRICE CODE	DRIVER SIZE
8-32	1/4 UC	1.83214UFS	B1	8
	5/16 UC	1.832516UFS	B1	
	3/8 UC	1.83238UFS	B1	
	3/8	1.83238FS	B1	
	1/2 UC	1.83212UFS	B1	
	1/2	1.83212FS	B1	
	5/8 UC	1.83258UFS	B1	
	3/4	1.83234FS	B1	
	1	1.8321FS	B1	
	1-1/4	1.832114FS	B3	
	1-1/2	1.832112FS	B4	
	1-3/4	1.832134FS	B5	
	2	1.8322FS	B8	
	2-1/2	1.832212FS	C3	
	3	1.8323FS	C6	

DIAMETER	LENGTH	PART NO.	PRICE CODE	DRIVER SIZE
10-32	3/8 UC	1.10338UFS	B3	10
	1/2 UC	1.10312UFS	B3	
	1/2	1.10312FS	B3	
	5/8	1.10358FS	B3	
	3/4	1.10334FS	B3	
	1	1.1031FS	B3	
	1-1/4	1.103114FS	B5	
	1-1/2	1.103112FS	B8	
	2	1.1032FS	C3	
	3	1.1033FS	D1	

DIAMETER	LENGTH	PART NO.	PRICE CODE	DRIVER SIZE
10-24	5/16 UC	1.102516UFS	B3	10
	3/8 UC	1.10238UFS	B3	
	3/8	1.10238FS	B3	
	1/2 UC	1.10212UFS	B3	
	1/2	1.10212FS	B3	
	5/8	1.10258FS	B3	
	3/4	1.10234FS	B3	
	1	1.1021FS	B3	
	1-1/4	1.102114FS	B5	
	1-1/2	1.102112FS	B8	
	2	1.1022FS	C3	
	2-1/2	1.102212FS	C6	
	3	1.1023FS	D1	

Note: "UC" denotes undercut head.

DIAMETER	LENGTH	PART NO.	PRICE CODE	DRIVER SIZE
12-24	1/2 UC	1.12212UFS	B8	12
	3/4	1.12234FS	B8	
	1	1.1221FS	B8	
	1-1/2	1.122112FS	C3	
	2	1.1222FS	C6	

DIAMETER	LENGTH	PART NO.	PRICE CODE	DRIVER SIZE
1/4-20	3/8 UC	1.14238UFS	C2	1/4
	1/2 UC	1.14212UFS	C2	
	1/2	1.14212FS	C2	
	5/8	1.14258FS	C2	
	3/4	1.14234FS	C2	
	7/8	1.14278FS	C3	
	1	1.1421FS	C3	
	1-1/4	1.142114FS	C4	
	1-1/2	1.142112FS	C6	
	2	1.1422FS	C8	
	2-1/4	1.142214FS	D1	
	2-1/2	1.142212FS	D4	
	3	1.1423FS	D8	
	4	1.1424FS	E3	

DIAMETER	LENGTH	PART NO.	PRICE CODE	DRIVER SIZE
1/4-28	1/2	1.14812FS	C3	1/4
	3/4	1.14834FS	C3	
	1	1.1481FS	C5	
	1-1/2	1.148112FS	C6	

DIAMETER	LENGTH	PART NO.	PRICE CODE	DRIVER SIZE
5/16-18	3/4	1.51634FS	C9	1/4
	1	1.5161FS	D1	
	1-1/2	1.516112FS	D8	
	2	1.5162FS	D8	
	2-1/2	1.516212FS	E1	
	3	1.5163FS	E4	

DIAMETER	LENGTH	PART NO.	PRICE CODE	DRIVER SIZE
3/8-16	1/2 UC	1.38612UFS	E1	1/4
	3/4	1.38634FS	E1	
	1 UC	1.3861UFS	E1	
	1	1.3861FS	E1	
	1-1/2	1.386112FS	E3	
	2	1.3862FS	E3	
	2-1/2	1.386212FS	E5	
	3	1.3863FS	E6	



TAMPERPROOF

SNAKE EYES



FLAT HEAD/MACHINE SCREWS

BRASS

DIAMETER	LENGTH	PART NO.	PRICE CODE	DRIVER SIZE
6-32	3/16 UC	1.632316UFB	B3	6
	3/8	1.63238FB	B3	
	1/2	1.63212FB	B3	
	3/4	1.63234FB	B3	
	1	1.6321FB	B3	

DIAMETER	LENGTH	PART NO.	PRICE CODE	DRIVER SIZE
8-32	1/4 UC	1.83214UFB	B4	8
	5/16 UC	1.832516UFB	B4	
	1/2	1.83212FB	B4	
	3/4	1.83234FB	B4	
	1	1.8321FB	B4	
	1-1/2	1.832112FB	B5	

DIAMETER	LENGTH	PART NO.	PRICE CODE	DRIVER SIZE
10-24	3/8	1.10238FB	B5	10
	1/2	1.10212FB	B5	
	3/4	1.10234FB	B5	
	1	1.1021FB	B5	
	1-1/2	1.102112FB	B8	
	2	1.1022FB	C1	

DIAMETER	LENGTH	PART NO.	PRICE CODE	DRIVER SIZE
12-24	1/2 UC*	1.12212UFC	C1	12

DIAMETER	LENGTH	PART NO.	PRICE CODE	DRIVER SIZE
1/4-20	1/2	1.14212FB	C3	1/4
	3/4	1.14234FB	C3	
	1	1.1421FB	C3	
	1-1/4	1.142114FB	C6	
	1-1/2	1.142112FB	C6	

*Note: Available in Silicon Bronze only.

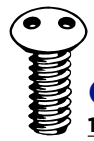
Note: "UC" denotes undercut head.



Standard Flat Head



Undercut Flat Head



OVAL HEAD/MACHINE SCREWS

18-8 STAINLESS STEEL

DIAMETER	LENGTH	PART NO.	PRICE CODE	DRIVER SIZE
6-32	1/4 UC	1.63214UOS	B3	6
	5/16 UC	1.632516UOS	B3	
	3/8 UC	1.63238UOS	B3	
	3/8	1.63238OS	B3	
	1/2	1.63212OS	B3	
	5/8	1.63258OS	B3	
	3/4	1.63234OS	B3	
	1	1.6321OS	B3	
	1-1/4	1.632114OS	B4	
	1-1/2	1.632112OS	B5	
	2	1.6322OS	B9	

DIAMETER	LENGTH	PART NO.	PRICE CODE	DRIVER SIZE
8-32	1/2	1.83212OS	B4	8
	3/4	1.83234OS	B4	
	1	1.8321OS	B4	
	1-1/4	1.832114OS	B5	
	1-3/8	1.832138OS	B7	
	1-1/2	1.832112OS	B7	
	2	1.8322OS	C2	
	2-1/2	1.832212OS	C6	

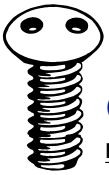
DIAMETER	LENGTH	PART NO.	PRICE CODE	DRIVER SIZE
10-32	1/2	1.10312OS	B5	10
	5/8	1.10358OS	B5	
	3/4	1.10334OS	B5	
	1	1.1031OS	B5	
	1-1/4	1.103114OS	B7	
	1-1/2	1.103112OS	B9	
	2	1.1032OS	C6	

DIAMETER	LENGTH	PART NO.	PRICE CODE	DRIVER SIZE
10-24	3/8	1.10238OS	B5	10
	1/2	1.10212OS	B5	
	5/8	1.10258OS	B5	
	3/4	1.10234OS	B5	
	1	1.1021OS	B5	
	1-1/4	1.102114OS	B7	
	1-1/2	1.102112OS	B9	
	2	1.1022OS	C6	

DIAMETER	LENGTH	PART NO.	PRICE CODE	DRIVER SIZE
1/4-20	1	1.1421OS	C4	1/4
	1-1/2	1.142112OS	C6	
	2	1.1422OS	C8	



TAMPERPROOF



OVAL HEAD/MACHINE SCREWS

BRASS

DIAMETER	LENGTH	PART NO.	PRICE CODE	DRIVER SIZE
6-32	3/8	1.63238OB	B5	6
	1/2	1.63212OB	B5	
	3/4	1.63234OB	B5	
	1	1.6321OB	B5	

DIAMETER	LENGTH	PART NO.	PRICE CODE	DRIVER SIZE
8-32	1/2	1.83212OB	B7	8
	3/4	1.83234OB	B7	
	1	1.8321OB	B7	
	1-1/4	1.832114OB	B9	
	1-1/2	1.832112OB	B9	
	2	1.8322OB	C2	

DIAMETER	LENGTH	PART NO.	PRICE CODE	DRIVER SIZE
10-32	1/2	1.10312OB	B9	10
	5/8	1.10358OB	B9	
	3/4	1.10334OB	B9	
	1	1.1031OB	B9	
	1-1/4	1.103114OB	C2	
	1-1/2	1.103112OB	C2	
	2	1.1032OB	C7	

DIAMETER	LENGTH	PART NO.	PRICE CODE	DRIVER SIZE
10-24	3/8	1.10238OB	B9	10
	1/2	1.10212OB	B9	
	3/4	1.10234OB	B9	
	1	1.1021OB	C2	
	1-1/2	1.102112OB	C7	
	2	1.1022OB	C7	



TRUSS HEAD/ SHEET METAL SCREWS

TYPE A, 18-8 STAINLESS STEEL

DIAMETER	LENGTH	PART NO.	PRICE CODE	DRIVER SIZE
#8	1/2	1.8A12TS	B1	8
	3/4	1.8A34TS	B1	
	1	1.8A1TS	B1	
	1-1/4	1.8A114TS	B3	
	1-1/2	1.8A112TS	B4	

DIAMETER	LENGTH	PART NO.	PRICE CODE	DRIVER SIZE
#10	3/8*	1.10AB38TS	B3	10
	1/2	1.10A12TS	B3	
	3/4	1.10A34TS	B3	
	1	1.10A1TS	B3	
	1-1/4	1.10A114TS	B5	
	1-1/2	1.10A112TS	B8	
	2	1.10A2TS	C1	

*Note: Sheet Metal Screws Type AB.



TAMPERPROOF



PAN HEAD/SHEET METAL SCREWS

TYPE A, 18-8 STAINLESS STEEL

DIAMETER	LENGTH	PART NO.	PRICE CODE	DRIVER SIZE
#4	1/4	1.4A14PS	A9	4
	3/8	1.4A38PS	A9	
	1/2	1.4A12PS	A9	
	3/4	1.4A34PS	B1	
	1	1.4A1PS	B3	

DIAMETER	LENGTH	PART NO.	PRICE CODE	DRIVER SIZE
#6	1/4*	1.6AB14PS	A9	6
	3/8	1.6A38PS	A9	
	1/2	1.6A12PS	A9	
	5/8	1.6A58PS	A9	
	3/4	1.6A34PS	A9	
	1	1.6A1PS	A9	
	1-1/4	1.6A114PS	B1	

DIAMETER	LENGTH	PART NO.	PRICE CODE	DRIVER SIZE
#8	3/8*	1.8AB38PS	B1	8
	1/2	1.8A12PS	B1	
	5/8	1.8A58PS	B1	
	3/4	1.8A34PS	B1	B3
	1	1.8A1PS	B1	B4
	1-1/4	1.8A114PS	B4	
	1-1/2	1.8A112PS	B4	
	1-3/4	1.8A134PS	B7	
	2	1.8A2PS	B8	

DIAMETER	LENGTH	PART NO.	PRICE CODE	DRIVER SIZE
#10	3/8*	1.10AB38PS	B3	10
	1/2	1.10A12PS	B3	
	5/8	1.10A58PS	B3	
	3/4	1.10A34PS	B3	
	1	1.10A1PS	B3	
	1-1/4	1.10A114PS	B5	
	1-1/2	1.10A112PS	B8	
	1-3/4	1.10A134PS	C1	
	2	1.10A2PS	C1	

***Note:** Sheet Metal Screws Type AB.

DIAMETER	LENGTH	PART NO.	PRICE CODE	DRIVER SIZE
#12	1/2	1.12A12PS	B8	12
	3/4	1.12A34PS	B8	
	1	1.12A1PS	B8	
	1-1/4	1.12A114PS	C1	
	1-1/2	1.12A112PS	C1	
	2	1.12A2PS	C6	

DIAMETER	LENGTH	PART NO.	PRICE CODE	DRIVER SIZE
#14	1/2*	1.14AB12PS	C2	1/4
	3/4	1.14A34PS	C2	
	1	1.14A1PS	C2	
	1-1/4	1.14A114PS	C4	
	1-1/2	1.14A112PS	C5	
	2	1.14A2PS	C6	



FLAT HEAD/SHEET METAL SCREWS

TYPE A, 18-8 STAINLESS STEEL

DIAMETER	LENGTH	PART NO.	PRICE CODE	DRIVER SIZE
#4	1/4 UC*	1.4AB14UFS	A9	4
	3/8	1.4A38FS	A9	
	1/2	1.4A12FS	A9	
	3/4	1.4A34FS	B1	
	1	1.4A1FS	B3	

DIAMETER	LENGTH	PART NO.	PRICE CODE	DRIVER SIZE
#6	3/8*	1.6AB38FS	A9	6
	1/2	1.6A12FS	A9	
	5/8	1.6A58FS	A9	
	3/4	1.6A34FS	A9	
	1	1.6A1FS	A9	
	1-1/4	1.6A114FS	B1	
	1-1/2	1.6A112FS	B3	
	2	1.6A2FS	B4	

Note: "UC" denotes undercut head.
***Note:** Sheet Metal Screws Type AB.



TAMPERPROOF



FLAT HEAD/ SHEET METAL SCREWS (CON'T)

TYPE A, 18-8 STAINLESS STEEL

DIAMETER	LENGTH	PART NO.	PRICE CODE	DRIVER SIZE
#8	3/8UC	1.8A38UFS	B1	8
	1/2	1.8A12FS	B1	
	5/8	1.8A58FS	B1	
	3/4	1.8A34FS	B1	
	1	1.8A1FS	B1	
	1-1/4	1.8A114FS	B3	
	1-1/2	1.8A112FS	B4	
	2	1.8A2FS	B8	

DIAMETER	LENGTH	PART NO.	PRICE CODE	DRIVER SIZE
#10	1/2 UC *	1.10AB12UFS	B3	10
	5/8	1.10A58FS	B3	
	3/4	1.10A34FS	B3	
	1	1.10A1FS	B3	
	1-1/4	1.10A114FS	B5	
	1-1/2	1.10A112FS	B8	
	1-3/4	1.10A134FS	C1	
	2	1.10A2FS	C1	

DIAMETER	LENGTH	PART NO.	PRICE CODE	DRIVER SIZE
#12	1/2 UC	1.12A12UFS	B8	12
	3/4	1.12A34FS	B8	
	1	1.12A1FS	B8	
	1-1/4	1.12A114FS	C1	
	1-1/2	1.12A112FS	C1	
	2	1.12A2FS	C6	

DIAMETER	LENGTH	PART NO.	PRICE CODE	DRIVER SIZE
#14	1/2 UC	1.14A12UFS	C3	14
	3/4	1.14A34FS	C3	
	1	1.14A1FS	C3	
	1-1/4	1.14A114FS	C4	
	1-1/2	1.14A112FS	C5	
	2	1.14A2FS	C6	

*Note: Sheet Metal Screws Type AB.
Note: "UC" denotes undercut head.



OVAL HEAD/SHEET METAL SCREWS

TYPE A, 18-8 STAINLESS STEEL

DIAMETER	LENGTH	PART NO.	PRICE CODE	DRIVER SIZE
#6	1/2	1.6A12OS	B4	6
	5/8UC	1.6A58UOS	B4	
	3/4	1.6A34OS	B4	
	1	1.6A1OS	B4	
	1-1/4	1.6A114OS	B5	
	1-1/2	1.6A112OS	B7	

DIAMETER	LENGTH	PART NO.	PRICE CODE	DRIVER SIZE
#8	1/2	1.8A12OS	B5	8
	3/4	1.8A34OS	B5	
	1	1.8A1OS	B5	
	1-1/4	1.8A114OS	B7	
	1-1/2	1.8A112OS	B9	
	2	1.8A2OS	C2	

DIAMETER	LENGTH	PART NO.	PRICE CODE	DRIVER SIZE
#10	1/2 UC	1.10A12UOS	B7	10
	3/4	1.10A34OS	B7	
	1	1.10A1OS	B7	
	1-1/4	1.10A114OS	B9	
	1-1/2	1.10A112OS	C2	

Note: "UC" denotes undercut head.

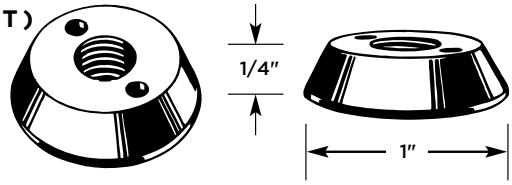


TAMPERPROOF

SPANNER NUTS/REMOVABLE

ZINC ALLOY (NON-FERROUS RUST RESISTANT)

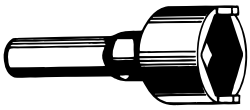
DIAMETER	PART NO.	PRICE CODE	DRIVER SIZE
1/4-20	IN.142	E4	1ND
5/16-18	IN.516	E4	
3/8-16	IN.386	E4	
M6	IN.M6	E4	
M8	IN.M8	E4	
M10	IN.M10	E4	



Spanner Nuts

SPANNER NUT BIT

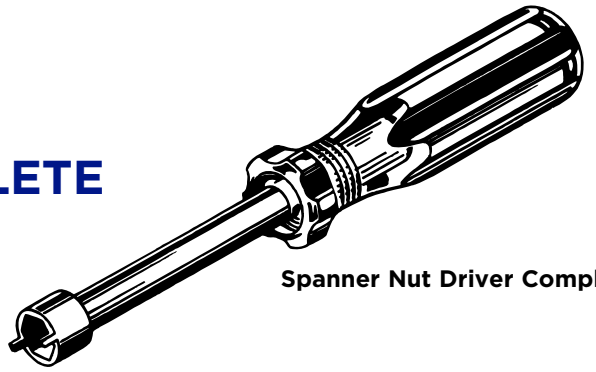
SIZE	PART NO.	PRICE CODE
Bit Only (1/4" Hex)	1NB.14	S6
Bit Only (5/16" Hex)	1NB.516	S6



Spanner Nut Bit

SPANNER NUT DRIVER COMPLETE

	PART NO.	PRICE CODE
Driver	1ND	T2



Spanner Nut Driver Complete

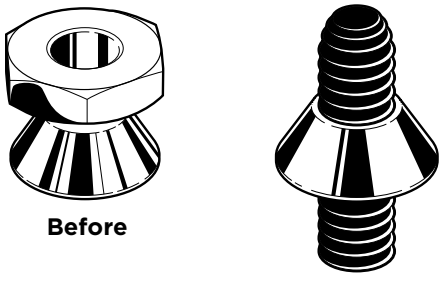
BREAKAWAY NUTS/ NON-REMOVABLE

ALUMINUM

DIAMETER	PART NO.	SIZE	PRICE CODE
10-24	BAN.102	7/16" Hex	C6
1/4-20	BAN.142	9/16" Hex	D1
5/16-18	BAN.516	5/8" Hex	D4
3/8-16	BAN.386	3/4" Hex	E3

Note: Uses standard wrench for installation

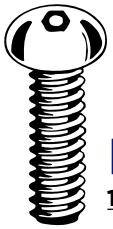
Breakaway Nuts



Before

After

TAMPERPROOF



BUTTON HEAD/CAP SCREWS

18-8 STAINLESS STEEL

DIAMETER	LENGTH	PART NO.	PRICE CODE	DRIVER SIZE
6-32	1/4	6.63214BS	B4	1/8"
	3/8	6.63238BS	B4	
	1/2	6.63212BS	B4	
	3/4	6.63234BS	B4	
	1	6.6321BS	B4	

DIAMETER	LENGTH	PART NO.	PRICE CODE	DRIVER SIZE
8-32	3/8	6.83238BS	B8	1/8"
	1/2	6.83212BS	B8	
	3/4	6.83234BS	B8	
	1	6.8321BS	B8	
	1-1/2	6.832112BS	D5	

DIAMETER	LENGTH	PART NO.	PRICE CODE	DRIVER SIZE
10-32	1/4	6.10314BS	B8	5/32"
	3/8	6.10338BS	B8	
	1/2	6.10312BS	B8	
	5/8	6.10358BS	C1	
	3/4	6.10334BS	C1	
	1	6.1031BS	C1	
	1-1/4	6.103114BS	D4	
	1-1/2	6.103112BS	D4	
	2	6.1032BS	E4	

DIAMETER	LENGTH	PART NO.	PRICE CODE	DRIVER SIZE
10-24	1/4	6.10214BS	C1	5/32"
	3/8	6.10238BS	B8	
	1/2	6.10212BS	B8	
	3/4	6.10234BS	C1	
	1	6.1021BS	C1	
	1-1/2	6.102112BS	D4	
	2	6.1022BS	E4	

DIAMETER	LENGTH	PART NO.	PRICE CODE	DRIVER SIZE
1/4-20	1/2	6.14212BS	C6	5/32"
	5/8	6.14258BS	C6	
	3/4	6.14234BS	C6	
	1	6.1421BS	D1	
	1-1/4	6.142114BS	D1	
	1-1/2	6.142112BS	D4	
	2	6.1422BS	E3	

DIAMETER	LENGTH	PART NO.	PRICE CODE	DRIVER SIZE
1/4-28	1/2	6.14812BS	D4	5/32"
	3/4	6.14834BS	D4	
	1	6.1481BS	D4	

DIAMETER	LENGTH	PART NO.	PRICE CODE	DRIVER SIZE
5/16-18	3/8	6.51638BS	E3	3/16"
	1/2	6.51612BS	E3	
	3/4	6.51634BS	E3	
	1	6.5161BS	E3	
	1-1/4	6.516114BS	E5	
	1-1/2	6.516112BS	E5	
	2	6.5162BS	E5	

DIAMETER	LENGTH	PART NO.	PRICE CODE	DRIVER SIZE
3/8-16	1/2	6.38612BS	E8	7/32"
	3/4	6.38634BS	E8	
	1	6.3861BS	E8	
	1-1/4	6.386114BS	E8	
	1-1/2	6.386112BS	E8	
	2	6.3862BS	E9	

DIAMETER	LENGTH	PART NO.	PRICE CODE	DRIVER SIZE
1/2-13	1	6.1231BS	F1	5/16"
	1-1/2	6.123112BS	F2	
	2	6.1232BS	F3	
	2-1/2	6.123212BS	F3	
	3	6.1233BS	F4	
	3-1/2	6.123312BS	F5	



SET SCREWS

Special order only. Consult your salesperson.



TAMPERPROOF



FLAT HEAD/CAP SCREWS

18-8 STAINLESS STEEL

DIAMETER	LENGTH	PART NO.	PRICE CODE	DRIVER SIZE
6-32	3/8	6.63238FS	B4	1/8"
	1/2	6.63212FS	B4	
	3/4	6.63234FS	B4	
	1	6.6321FS	B4	

DIAMETER	LENGTH	PART NO.	PRICE CODE	DRIVER SIZE
8-32	3/8	6.83238FS	B8	1/8"
	1/2	6.83212FS	B8	
	3/4	6.83234FS	B8	
	1	6.8321FS	B8	

DIAMETER	LENGTH	PART NO.	PRICE CODE	DRIVER SIZE
10-32	1/2	6.10312FS	C6	5/32"
	3/4	6.10334FS	C6	
	1	6.1031FS	C6	
	1-1/2	6.103112FS	E3	

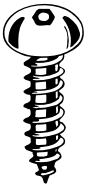
DIAMETER	LENGTH	PART NO.	PRICE CODE	DRIVER SIZE
10-24	3/8	6.10238FS	C6	5/32"
	1/2	6.10212FS	C6	
	3/4	6.10234FS	C6	
	1	6.1021FS	C6	
	1-1/2	6.102112FS	E3	

DIAMETER	LENGTH	PART NO.	PRICE CODE	DRIVER SIZE
12-24	1/2 UC	6.12212UFS	C6	5/32"

DIAMETER	LENGTH	PART NO.	PRICE CODE	DRIVER SIZE
1/4-20	1/2	6.14212FS	D1	5/32"
	3/4	6.14234FS	D1	
	1	6.1421FS	D4	
	1-1/4	6.142114FS	D4	
	1-1/2	6.142112FS	D8	
	2	6.1422FS	E5	

DIAMETER	LENGTH	PART NO.	PRICE CODE	DRIVER SIZE
5/16-18	1/2	6.51612FS	E7	3/16"
	3/4	6.51634FS	E7	
	1	6.5161FS	E7	
	1-1/4	6.516114FS	E7	
	1-1/2	6.516112FS	E7	
	2	6.5162FS	E7	

DIAMETER	LENGTH	PART NO.	PRICE CODE	DRIVER SIZE
3/8-16	1/2	6.38612FS	E8	7/32"
	3/4	6.38634FS	E8	
	1	6.3861FS	E8	
	1-1/4	6.386114FS	E8	
	1-1/2	6.386112FS	E8	
	2	6.3862FS	E9	



BUTTON HEAD/ SHEET METAL SCREWS

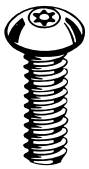
TYPE AB, 18-8 STAINLESS STEEL

DIAMETER	LENGTH	PART NO.	PRICE CODE	DRIVER SIZE
#8	1/2	6.8AB12BS	C3	1/8"
	3/4	6.8AB34BS	C3	
	1	6.8AB1BS	C3	

DIAMETER	LENGTH	PART NO.	PRICE CODE	DRIVER SIZE
#10	1/2	6.10AB12BS	C3	5/32"
	3/4	6.10AB34BS	C3	
	1	6.10AB1BS	C3	
	1-1/2	6.10AB112BS	E1	



TAMPERPROOF



BUTTON HEAD/MACHINE SCREW

18-8 STAINLESS STEEL

DIAMETER	LENGTH	PART NO.	PRICE CODE	DRIVER SIZE
4-40	1/4	4.44014BS	B1	T-8
	3/8	4.44038BS	B1	
	1/2	4.44012BS	B1	
	3/4	4.44034BS	B1	

DIAMETER	LENGTH	PART NO.	PRICE CODE	DRIVER SIZE
6-32	1/4	4.63214BS	A9	T-10
	3/8	4.63238BS	A9	
	1/2	4.63212BS	A9	
	3/4	4.63234BS	A9	
	1	4.6321BS	A9	
	1-1/4	4.632114BS	C6	
	1-1/2	4.632112BS	C6	

DIAMETER	LENGTH	PART NO.	PRICE CODE	DRIVER SIZE
8-32	1/4	4.83214BS	A9	T-15
	3/8	4.83238BS	B1	
	1/2	4.83212BS	B3	
	3/4	4.83234BS	B4	
	1	4.8321BS	B5	
	1-1/4	4.832114BS	D1	
	1-1/2	4.832112BS	D1	

DIAMETER	LENGTH	PART NO.	PRICE CODE	DRIVER SIZE
10-32	3/8	4.10338BS	C1	T-25
	1/2	4.10312BS	C1	
	5/8	4.10358BS	C1	
	3/4	4.10334BS	C3	
	1	4.1031BS	C5	
	1-1/4	4.103114BS	D1	

DIAMETER	LENGTH	PART NO.	PRICE CODE	DRIVER SIZE
10-24	3/8	4.10238BS	C1	T-25
	1/2	4.10212BS	C1	
	5/8	4.10258BS	C1	
	3/4	4.10234BS	C3	
	1	4.1021BS	C5	
	1-1/4	4.102114BS	D1	

DIAMETER	LENGTH	PART NO.	PRICE CODE	DRIVER SIZE
1/4-20	1/2	4.14212BS	C6	T-27
	3/4	4.14234BS	C6	
	1	4.1421BS	D1	
	1-1/4	4.142114BS	D4	
	1-1/2	4.142112BS	D4	
	2	4.1422BS	E3	

DIAMETER	LENGTH	PART NO.	PRICE CODE	DRIVER SIZE
1/4-28	1/2	4.14812BS	D1	T-27
	3/4	4.14834BS	D1	
	1	4.1481BS	D4	

DIAMETER	LENGTH	PART NO.	PRICE CODE	DRIVER SIZE
5/16-18	3/4	4.51634BS	E1	T-40
	1	4.5161BS	E3	
	1-1/2	4.516112BS	E5	



BUTTON HEAD/ SHEET METAL SCREWS

TYPE A, 18-8 STAINLESS STEEL

DIAMETER	LENGTH	PART NO.	PRICE CODE	DRIVER SIZE
#6	1/2	4.6A12BS	B4	T-10
	3/4	4.6A34BS	B4	
	1	4.6A1BS	B4	

DIAMETER	LENGTH	PART NO.	PRICE CODE	DRIVER SIZE
#8	1/2	4.8A12BS	B7	T-15
	3/4	4.8A34BS	B7	
	1	4.8A1BS	B7	
	1-1/4	4.8A114BS	C3	
	1-1/2	4.8A112BS	C6	

DIAMETER	LENGTH	PART NO.	PRICE CODE	DRIVER SIZE
#10	1/2	4.10A12BS	B8	T-25
	3/4	4.10A34BS	B8	
	1	4.10A1BS	B8	
	1-1/4	4.10A114BS	C5	
	1-1/2	4.10A112BS	C6	

DIAMETER	LENGTH	PART NO.	PRICE CODE	DRIVER SIZE
#12	2*	4.12AB2BS	D7	T-27
	2-1/2*	4.12AB212BS	D8	
	3*	4.12AB3BS	E1	

DIAMETER	LENGTH	PART NO.	PRICE CODE	DRIVER SIZE
#14	5/8	4.14A58BS	C6	T-27
	1	4.14A1BS	D3	
	1-1/2	4.14A112BS	D5	

* Sheet metal screws type AB



TAMPERPROOF



FLAT HEAD/MACHINE SCREW

18-8 STAINLESS STEEL

DIAMETER	LENGTH	PART NO.	PRICE CODE	DRIVER SIZE
4-40	1/4	4.44014FS	B1	T-8
	3/8	4.44038FS	B1	
	1/2	4.44012FS	B1	

DIAMETER	LENGTH	PART NO.	PRICE CODE	DRIVER SIZE
6-32	3/8	4.63238FS	A9	T-10
	1/2	4.63212FS	A9	
	3/4	4.63234FS	A9	
	1	4.6321FS	A9	

DIAMETER	LENGTH	PART NO.	PRICE CODE	DRIVER SIZE
8-32	3/8	4.83238FS	B1	T-15
	1/2	4.83212FS	B4	
	3/4	4.83234FS	B4	
	1	4.8321FS	B5	

DIAMETER	LENGTH	PART NO.	PRICE CODE	DRIVER SIZE
10-32	1/2	4.10312FS	C1	T-20
	3/4	4.10334FS	C3	
	1	4.1031FS	C5	
	1-1/4	4.103114FS	D1	

DIAMETER	LENGTH	PART NO.	PRICE CODE	DRIVER SIZE
10-24	1/2	4.10212FS	C1	T-20
	3/4	4.10234FS	C3	
	1	4.1021FS	C5	
	1-1/4	4.102114FS	D1	

DIAMETER	LENGTH	PART NO.	PRICE CODE	DRIVER SIZE
12-24	1/2 UC	4.12212UFS	C3	

DIAMETER	LENGTH	PART NO.	PRICE CODE	DRIVER SIZE
1/4-20	1/2 UC	4.14212UFS	C6	T-25
	1/2	4.14212FS	C6	
	3/4	4.14234FS	D1	T-27
	1	4.1421FS	D1	
	1-1/4	4.142114FS	D4	
	1-1/2	4.142112FS	D4	

Note: "UC" denotes undercut head.



FLAT HEAD/SHEET METAL SCREW

TYPE A, 18-8 STAINLESS STEEL

DIAMETER	LENGTH	PART NO.	PRICE CODE	DRIVER SIZE
#6	1/2	4.6A12FS	B4	T-10
	3/4	4.6A34FS	B4	
	1	4.6A1FS	B4	

DIAMETER	LENGTH	PART NO.	PRICE CODE	DRIVER SIZE
#8	1/2	4.8A12FS	B5	T-15
	3/4	4.8A34FS	B8	
	1	4.8A1FS	C1	
	1-1/4	4.8A114FS	C3	

DIAMETER	LENGTH	PART NO.	PRICE CODE	DRIVER SIZE
#10	3/4	4.10A34FS	C1	T-20
	1	4.10A1FS	C3	
	1-1/4	4.10A114FS	C6	
	1-1/2	4.10A112FS	C6	

DIAMETER	LENGTH	PART NO.	PRICE CODE	DRIVER SIZE
#12	2*	4.12AB2FS	D7	T-25
	2-1/2*	4.12AB212FS	D8	
	3*	4.12AB3FS	E1	

DIAMETER	LENGTH	PART NO.	PRICE CODE	DRIVER SIZE
#14	1	4.14A1FS	D3	T-30
	1-1/2	4.14A112FS	D5	

* Sheet metal screws type AB



SIX-LOBE SECURITY PAN HEAD SELF-DRILLING SHEET METAL SCREWS

TYPE AB, 410 STAINLESS STEEL

DIAMETER	LENGTH	PART NO.	PRICE CODE	DRIVER SIZE
#8	1/2	4.8ABK12PS	B8	T-20
	3/4	4.8ABK34PS	B8	
	1	4.8ABK1PS	C1	
	1-1/4	4.8ABK114PS	C6	

DIAMETER	LENGTH	PART NO.	PRICE CODE	DRIVER SIZE
#10	1/2	4.10ABK12PS	B9	T-25
	3/4	4.10ABK34PS	B9	
	1	4.10ABK1PS	C1	
	1-1/4	4.10ABK114PS	C6	
	1-1/2	4.10ABK112PS	C9	



TAMPERPROOF



PAN HEAD/MACHINE SCREW

18-8 STAINLESS STEEL

DIAMETER	LENGTH	PART NO.	PRICE CODE	DRIVER SIZE
4-40	1/4	2.44014PS	B4	#1
	3/8	2.44038PS	B4	
	1/2	2.44012PS	B4	

DIAMETER	LENGTH	PART NO.	PRICE CODE	DRIVER SIZE
6-32	1/4	2.63214PS	B5	#1
	3/8	2.63238PS	B5	
	1/2	2.63212PS	B5	
	3/4	2.63234PS	B5	
	1	2.6321PS	B5	
	1-1/4	2.632114PS	C7	#2
	1-1/2	2.632112PS	C8	
	2	2.6322PS	C9	

DIAMETER	LENGTH	PART NO.	PRICE CODE	DRIVER SIZE
8-32	3/8	2.83238PS	C6	#2
	1/2	2.83212PS	C6	
	5/8	2.83258PS	C6	
	3/4	2.83234PS	C6	
	1	2.8321PS	C6	
	1-1/4	2.832114PS	C7	
	1-1/2	2.832112PS	C8	
	2	2.8322PS	C9	
	2-1/2	2.832212PS	D4	
	3	2.8323PS	D8	

DIAMETER	LENGTH	PART NO.	PRICE CODE	DRIVER SIZE
10-32	1/4	2.10314PS	C6	#2
	3/8	2.10338PS	C6	
	1/2	2.10312PS	C6	
	5/8	2.10358PS	C6	
	3/4	2.10334PS	C6	
	1	2.1031PS	C6	
	1-1/4	2.103114PS	C7	
	1-1/2	2.103112PS	C9	
	2	2.1032PS	D1	
	2-1/2	2.103212PS	D4	
	3	2.1033PS	D8	

DIAMETER	LENGTH	PART NO.	PRICE CODE	DRIVER SIZE
10-24	3/8	2.10238PS	C6	#2
	1/2	2.10212PS	C6	
	3/4	2.10234PS	C6	
	1	2.1021PS	C6	
	1-1/4	2.102114PS	C7	
	1-1/2	2.102112PS	C9	
	2	2.1022PS	D1	
	2-1/2	2.102212PS	D4	
	3	2.1023PS	D8	

DIAMETER	LENGTH	PART NO.	PRICE CODE	DRIVER SIZE
12-24	1/2	2.12212PS	C7	#3
	3/4	2.12234PS	C7	
	1	2.1221PS	C7	
	1-1/2	2.122112PS	D2	

DIAMETER	LENGTH	PART NO.	PRICE CODE	DRIVER SIZE
1/4-20	1/2	2.14212PS	D5	#3
	3/4	2.14234PS	D5	
	1	2.1421PS	D5	
	1-1/4	2.142114PS	D6	
	1-1/2	2.142112PS	D6	
	2	2.1422PS	D8	
	2-1/2	2.142212PS	E1	
	3	2.1423PS	E3	
	3-1/2	2.142312PS	E5	

DIAMETER	LENGTH	PART NO.	PRICE CODE	DRIVER SIZE
1/4-28	1/2	2.14812PS	D5	#3
	3/4	2.14834PS	D5	
	1	2.1481PS	D5	



TAMPERPROOF



FLAT HEAD/MACHINE SCREW

18-8 STAINLESS STEEL

DIAMETER	LENGTH	PART NO.	PRICE CODE	DRIVER SIZE
4-40	1/4	2.44014FS	B4	#1
	3/8	2.44038FS	B4	
	1/2	2.44012FS	B4	

DIAMETER	LENGTH	PART NO.	PRICE CODE	DRIVER SIZE
6-32	1/4	2.63214FS	B5	#1
	3/8	2.63238FS	B5	
	1/2	2.63212FS	B5	
	3/4	2.63234FS	B5	
	1	2.6321FS	B5	
	1-1/4	2.632114FS	C7	#2
	1-1/2	2.632112FS	C8	
	2	2.6322FS	C9	

DIAMETER	LENGTH	PART NO.	PRICE CODE	DRIVER SIZE
8-32	3/8	2.83238FS	C6	#2
	1/2	2.83212FS	C6	
	3/4	2.83234FS	C6	
	1	2.8321FS	C6	
	1-1/4	2.832114FS	C7	
	1-1/2	2.832112FS	C9	
	2	2.8322FS	D1	
	2-1/2	2.832212FS	D4	

DIAMETER	LENGTH	PART NO.	PRICE CODE	DRIVER SIZE
10-32	3/8	2.10338FS	C6	#2
	1/2	2.10312FS	C6	
	3/4	2.10334FS	C6	
	1	2.1031FS	C6	
	1-1/4	2.103114FS	C7	
	1-1/2	2.103112FS	C9	
	2	2.1032FS	D1	
	2-1/2	2.103212FS	D4	

DIAMETER	LENGTH	PART NO.	PRICE CODE	DRIVER SIZE
10-24	3/8	2.10238FS	C6	#2
	1/2	2.10212FS	C6	
	3/4	2.10234FS	C6	
	1	2.1021FS	C6	
	1-1/4	2.102114FS	C7	
	1-1/2	2.102112FS	C9	
	2	2.1022FS	D1	
	2-1/2	2.102212FS	D4	
	3	2.1023FS	D8	

DIAMETER	LENGTH	PART NO.	PRICE CODE	DRIVER SIZE
12-24	1/2	2.12212FS	C7	#3
	3/4	2.12234FS	C7	
	1	2.1221FS	C7	
	1-1/4	2.122114FS	C9	
	1-1/2	2.122112FS	D2	

DIAMETER	LENGTH	PART NO.	PRICE CODE	DRIVER SIZE
1/4-20	1/2	2.14212FS	D5	#3
	3/4	2.14234FS	D5	
	1	2.1421FS	D5	
	1-1/4	2.142114FS	D6	
	1-1/2	2.142112FS	D6	
	2	2.1422FS	D8	
	2-1/2	2.142212FS	E1	
	3	2.1423FS	E3	



TAMPERPROOF



PAN HEAD/SHEET METAL SCREWS

TYPE A, 18-8 STAINLESS STEEL

DIAMETER	LENGTH	PART NO.	PRICE CODE	DRIVER SIZE
#4	1/4*	2.4AB14PS	B4	#1
	3/8*	2.4AB38PS	B4	
	1/2*	2.4AB12PS	B4	

DIAMETER	LENGTH	PART NO.	PRICE CODE	DRIVER SIZE
#6	1/2*	2.6AB12PS	B5	#1
	3/4*	2.6AB34PS	B5	
	1*	2.6AB1PS	B5	
	1-1/4	2.6A114PS	C7	#2
	1-1/2	2.6A112PS	C8	
	2	2.6A2PS	C9	

DIAMETER	LENGTH	PART NO.	PRICE CODE	DRIVER SIZE
#8	3/8	2.8A38PS	C6	#2
	1/2	2.8A12PS	C6	
	3/4	2.8A34PS	C6	
	1	2.8A1PS	C6	
	1-1/4	2.8A114PS	C7	
	1-1/2	2.8A112PS	C8	
	2	2.8A2PS	C9	
	2-1/2	2.8A212PS	D4	
	3	2.8A3PS	D8	

DIAMETER	LENGTH	PART NO.	PRICE CODE	DRIVER SIZE
#10	1/2	2.10A12PS	C6	#2
	3/4	2.10A34PS	C6	
	1	2.10A1PS	C6	
	1-1/4	2.10A114PS	C7	
	1-1/2	2.10A112PS	C8	
	2	2.10A2PS	D1	
	2-1/2	2.10A212PS	D4	
	3	2.10A3PS	D8	
	3-1/2	2.10A312PS	E1	

*Sheet Metal Screws Type AB.

DIAMETER	LENGTH	PART NO.	PRICE CODE	DRIVER SIZE
#12	1/2	2.12A12PS	C7	#3
	3/4	2.12A34PS	C7	
	1	2.12A1PS	C7	
	1-1/4	2.12A114PS	C9	
	1-1/2	2.12A112PS	D2	
	2	2.12A2PS	D2	
	2-1/2	2.12A212PS	D8	
	3	2.12A3PS	D8	

DIAMETER	LENGTH	PART NO.	PRICE CODE	DRIVER SIZE
#14	1/2	2.14A12PS	D5	#3
	3/4	2.14A34PS	D5	
	1	2.14A1PS	D5	
	1-1/4	2.14A114PS	D6	
	1-1/2	2.14A112PS	D6	
	2	2.14A2PS	D8	
	2-1/2	2.14A212PS	E1	
	3	2.14A3PS	E3	



TAMPERPROOF



FLAT HEAD/SHEET METAL SCREWS

TYPE A, 18-8 STAINLESS STEEL

DIAMETER	LENGTH	PART NO.	PRICE CODE	DRIVER SIZE
#4	1/2*	2.4AB12FS	B4	#1
	3/4*	2.4AB13FS	B4	
	1*	2.4AB1FS	B4	

DIAMETER	LENGTH	PART NO.	PRICE CODE	DRIVER SIZE
#6	1/2*	2.6AB12FS	B5	#1
	3/4*	2.6AB34FS	B5	
	1*	2.6AB1FS	B5	
	1-1/4	2.6A114FS	C7	#2
	1-1/2	2.6A112FS	C8	
	2	2.6A2FS	C9	

DIAMETER	LENGTH	PART NO.	PRICE CODE	DRIVER SIZE
#8	1/2	2.8A12FS	C6	#2
	3/4	2.8A34FS	C6	
	1	2.8A1FS	C6	
	1-1/4	2.8A114FS	C7	
	1-1/2	2.8A112FS	C8	
	2	2.8A2FS	C9	
	2-1/2	2.8A212FS	D4	
	3	2.8A3FS	D8	

DIAMETER	LENGTH	PART NO.	PRICE CODE	DRIVER SIZE
#10	1/2	2.10A12FS	C6	#2
	3/4	2.10A34FS	C6	
	1	2.10A1FS	C6	
	1-1/4	2.10A114FS	C7	
	1-1/2	2.10A112FS	C8	
	2	2.10A2FS	D1	
	2-1/2	2.10A212FS	D4	
	3	2.10A3FS	D8	

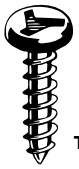
*Sheet Metal Screws Type AB.

DIAMETER	LENGTH	PART NO.	PRICE CODE	DRIVER SIZE
#12	1/2	2.12A12FS	C7	#3
	3/4	2.12A34FS	C7	
	1	2.12A1FS	C7	
	1-1/4	2.12A114FS	C9	
	1-1/2	2.12A112FS	D2	
	2	2.12A2FS	D2	
	2-1/2	2.12A212FS	D8	
	3	2.12A3FS	D8	

DIAMETER	LENGTH	PART NO.	PRICE CODE	DRIVER SIZE
#14	3/4	2.14A34FS	D5	#3
	1	2.14A1FS	D5	
	1-1/4	2.14A114FS	D6	
	1-1/2	2.14A112FS	D6	
	2	2.14A2FS	D8	
	2-1/2	2.14A212FS	E1	
	3	2.14A3FS	E3	



TAMPERPROOF



PAN HEAD/SHEET METAL SCREWS

TYPE A, 18-8 STAINLESS STEEL

DIAMETER	LENGTH	PART NO.	PRICE CODE	DRIVER SIZE
#4	3/8*	3.4AB38PS	A4	W2
	1/2*	3.4AB12PS	A4	
#6	1/2	3.6A12PS	A4	W3
	3/4	3.6A34PS	A4	
	1	3.6A1PS	A5	
	1-1/4	3.6A114PS	A6	
	1-1/2	3.6A112PS	A7	
#8	1/2	3.8A12PS	A5	W4
	5/8*	3.8AB58PS	A5	
	3/4	3.8A34PS	A5	
	1	3.8A1PS	A6	
	1-1/4	3.8A114PS	A7	
	1-1/2	3.8A112PS	A9	
#10	1/2	3.10A12PS	A6	W5
	3/4	3.10A34PS	A7	
	1	3.10A1PS	A8	

*Sheet Metal Screws Type AB.



PAN HEAD/MACHINE SCREWS

18-8 STAINLESS STEEL

DIAMETER	LENGTH	PART NO.	PRICE CODE	DRIVER SIZE
6-32	1/4	3.63214PS	A3	W3
	3/8	3.63238PS	A3	
	1/2	3.63212PS	A3	
	3/4	3.63234PS	A3	
	1	3.6321PS	A4	
8-32	3/8	3.83238PS	A4	W4
	1/2	3.83212PS	A4	
	3/4	3.83234PS	A4	
	1	3.8321PS	A5	
10-32	1/2	3.10312PS	A6	W5
	3/4	3.10334PS	A6	
	1	3.1031PS	A7	
10-24	1/2	3.10212PS	A6	W5
	3/4	3.10234PS	A6	
	1	3.1021PS	A7	

OPSIT



TRUSS HEAD/SHEET METAL LEFT-HANDED THREAD SCREWS

TYPE A, 18-8 STAINLESS STEEL

DIAMETER	LENGTH	PART NO.	PRICE CODE	DRIVER SIZE
#8	1/2	3L.8A12TS	A6	W4
	3/4	3L.8A34TS	A7	
	1	3L.8A1TS	A9	
	1-1/4	3L.8A114TS	B3	
	1-1/2	3L.8A112TS	B4	
#10	1/2	3L.10A12TS	A7	W5
	3/4	3L.10A34TS	A9	
	1	3L.10A1TS	B3	
	1-1/4	3L.10A114TS	B5	
	1-1/2	3L.10A112TS	B8	

TP3 SCREWS



TRIANGULAR RECESS SCREWS PAN HEAD/SHEET METAL SCREWS

TYPE A, 410 STAINLESS STEEL

DIAMETER	LENGTH	PART NO.	PRICE CODE	DRIVER SIZE
#8	1/2	8.8A12PS	A9	TL1
	3/4	8.8A34PS	A9	
	1	8.8A1PS	B3	
	1-1/4	8.8A114PS	B5	
	1-1/2	8.8A112PS	B8	
#10	1/2	8.10A12PS	B4	TL1
	3/4	8.10A34PS	B8	
	1	8.10A1PS	C1	
	1-1/4	8.10A114PS	C2	
	1-1/2	8.10A112PS	C4	
	2	8.10A2PS	C6	

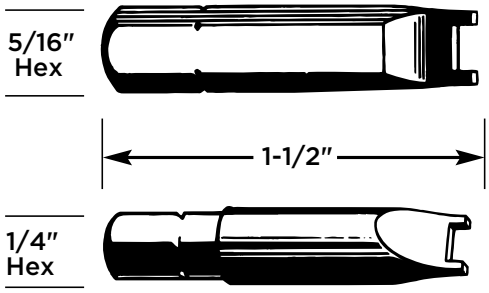


TAMPERPROOF

SPANNERS

BITS ONLY

SIZE	DIAMETER	PART NO.	PRICE CODE
#4 Bit	(1/4" Hex)	1B.414	S2
#4 Bit	(5/16" Hex)	1B.4516	S2
#6 Bit	(1/4" Hex)	1B.614	S2
#6 Bit	(5/16" Hex)	1B.6516	S2
#8 Bit	(1/4" Hex)	1B.814	S2
#8 Bit	(5/16" Hex)	1B.8516	S2
#10 Bit	(1/4" Hex)	1B.1014	S2
#10 Bit	(5/16" Hex)	1B.10516	S2
#12 Bit	(1/4" Hex)	1B.1214	S2
#12 Bit	(5/16" Hex)	1B.12516	S2
#1/4 Bit	(1/4" Hex)	1B.1414	S2
#1/4 Bit	(5/16" Hex)	1B.14516	S2

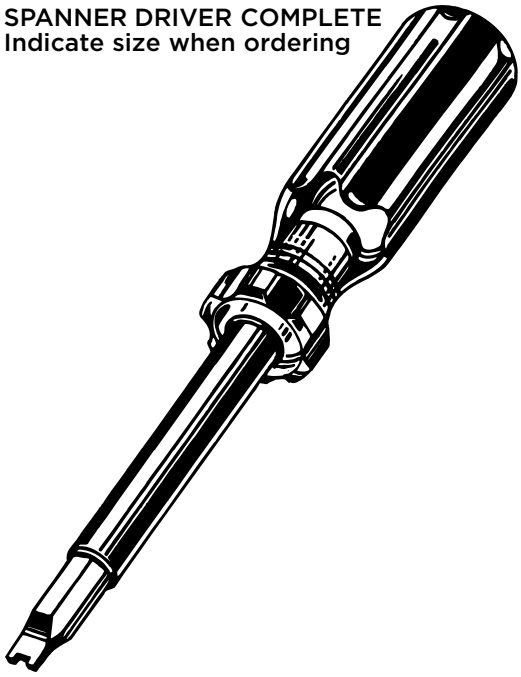


SPANNER BITS
Indicate size/hex shank when ordering

DRIVERS COMPLETE-HANDLE WITH BIT

SIZE	PART NO.	PRICE CODE
#4 Driver	1D.4	S8
#6 Driver	1D.6	S8
#8 Driver	1D.8	S8
#10 Driver	1D.10	S8
#12 Driver	1D.12	S8
#1/4 Driver	1D.14	S8

SPANNER DRIVER COMPLETE
Indicate size when ordering



SPANNER DRIVER KIT #SP5

SIZE	PART NO.	PRICE CODE
#SP5 1/4" Hex Driver Kit w/ 5 Bits	SP5.14	T5
#SP5 5/16" Hex Driver Kit w/ 5 Bits	SP5.516	T5

1 Magnetic Hand Driver with 5 Spanner Bits
(Spanner Sizes 6, 8, 10, 12, 1/4) in a convenient vinyl pouch.

SPANNER DRIVER KIT #SP6

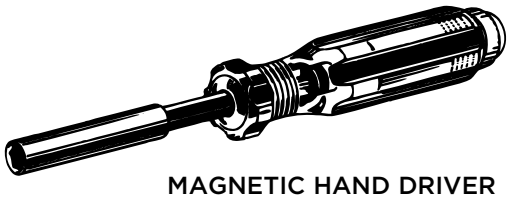
SIZE	PART NO.	PRICE CODE
#SP6 1/4" Hex Driver Kit w/ 6 Bits	SP6.14	T6
#SP6 5/16" Hex Driver Kit w/ 6 Bits	SP6.516	T6

1 Magnetic Hand Driver with 6 Spanner Bits
(Spanner Sizes 4, 6, 8, 10, 12, 1/4) in a convenient vinyl pouch.

MAGNETIC HAND DRIVERS

FOR INTERCHANGEABLE BITS WITH STORAGE COMPARTMENTS

SIZE	PART NO.	PRICE CODE
1/4" Hex-Drive	MAG14	S9
5/16" Hex-Drive	MAG516	S9



MAGNETIC HAND DRIVER
Order bits separately

TAMPERPROOF

TRI-WING®

BITS ONLY

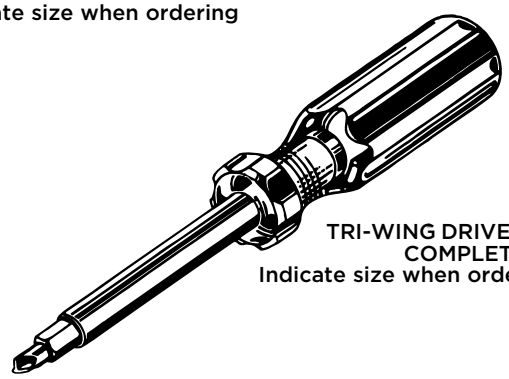
SIZE	DIAMETER	PART NO.	PRICE CODE
W1 Bit Only	(1/4" Hex)	3B.W1	S3
W2 Bit Only	(1/4" Hex)	3B.W2	S3
W3 Bit Only	(1/4" Hex)	3B.W3	S3
W4 Bit Only	(1/4" Hex)	3B.W4	S3
W5 Bit Only	(1/4" Hex)	3B.W5	S3



TRI-WING BITS
Indicate size when ordering

DRIVERS COMPLETE-HANDLE WITH BIT

SIZE	PART NO.	PRICE CODE
W1 Driver	3D.W1	S8
W2 Driver	3D.W2	S8
W3 Driver	3D.W3	S8
W4 Driver	3D.W4	S8
W5 Driver	3D.W5	S8

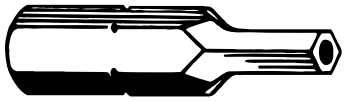


TRI-WING DRIVER COMPLETE
Indicate size when ordering

SOCKET PIN-HEAD

BITS ONLY

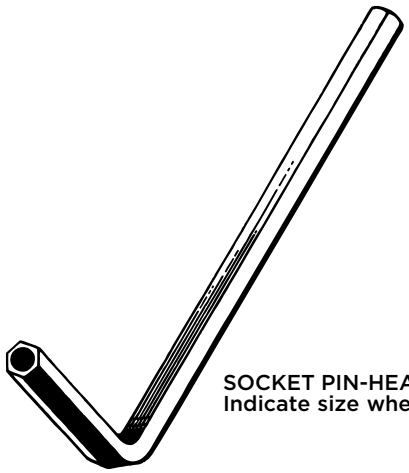
SIZE	DIAMETER	PART NO.	PRICE CODE
3/32" Bit	(1/4" Hex)	6B.332	S3
1/8" Bit	(1/4" Hex)	6B.18	S3
5/32" Bit	(1/4" Hex)	6B.532	S3
3/16" Bit	(1/4" Hex)	6B.316	S3
7/32" Bit	(1/4" Hex)	6B.732	S3
2mm Bit	(1/4" Hex)	6B.M2	S2
2.5mm Bit	(1/4" Hex)	6B.M25	S2
3mm Bit	(1/4" Hex)	6B.M3	S2
4mm Bit	(1/4" Hex)	6B.M4	S2



SOCKET PIN-HEAD BITS
Indicate size when ordering

KEYS

SIZE		PART NO.	PRICE CODE
3/32"	Key (Double-Ended)	6K.332	S3
1/8"	Key (Double-Ended)	6K.18	S3
5/32"	Key (Double-Ended)	6K.532	S3
3/16"	Key (Double-Ended)	6K.316	S3
7/32"	Key (Double-Ended)	6K.732	S3
1/4"	Key (Single-Ended)	6K.14	S4
5/16"	Key (Single-Ended)	6K.516	S5
3/8"	Key (Single-Ended)	6K.38	S6
2mm	Key (Double-Ended)	6K.M2	S3
2.5mm	Key (Double-Ended)	6K.M25	S3
3mm	Key (Double-Ended)	6K.M3	S3



SOCKET PIN-HEAD KEYS
Indicate size when ordering

TAMPERPROOF

SOCKET PIN-HEAD

DRIVERS COMPLETE-HANDLE WITH BIT

SIZE	PART NO.	PRICE CODE
3/32" Driver	6D.332	S8
1/8" Driver	6D.18	S8
5/32" Driver	6D.532	S8
3/16" Driver	6D.316	S8
7/32" Driver	6D.732	S8

HEX KEY KIT #HX4 AND HX5

SIZE	PART NO.	PRICE CODE
#HX4 Kit with 4 Keys	HX4	T1
#HX5 Kit with 5 Keys	HX5	T3

#HX4 (Sizes 1/8", 5/32", 3/16", 7/32") in a vinyl pouch.
#HX5 (Sizes 3/32", 1/8", 5/32", 3/16", 7/32") in a vinyl pouc

HEX BIT KIT #HX4B AND HX5B

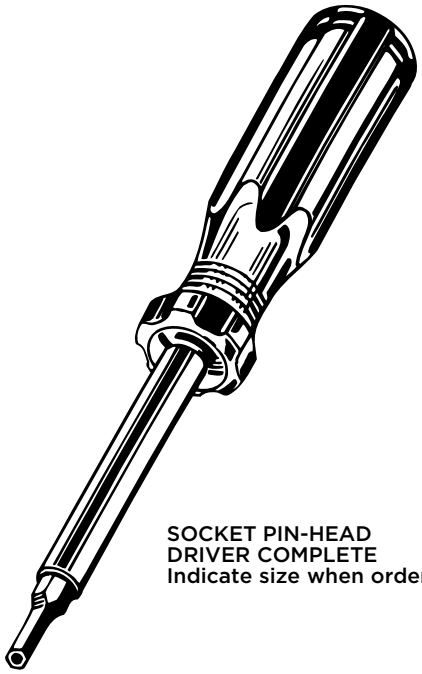
SIZE	PART NO.	PRICE CODE
#HX4B Kit w/ 4 Bits (1/4" Hex)	HX4B	T1
#HX5B Kit w/ 5 Bits (1/4" Hex)	HX5B	T3

#HX4B (Sizes 1/8", 5/32", 3/16", 7/32") in a vinyl pouch.
#HX5B (Sizes 3/32", 1/8", 5/32", 3/16", 7/32") in a vinyl pouch.

HEX BIT KIT #HX5DB

SIZE	PART NO.	PRICE CODE
#HX5DB Driver Kit W/ 5 Bits	HX5DB	T5

1 Magnetic Hand Driver with 5 Hex Bits
(Sizes 3/32", 1/8", 5/32", 3/16", 7/32") in a vinyl pouch.

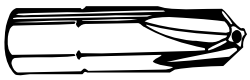


SOCKET PIN-HEAD
DRIVER COMPLETE
Indicate size when ordering

PHILLIPS PIN-HEAD

BITS ONLY

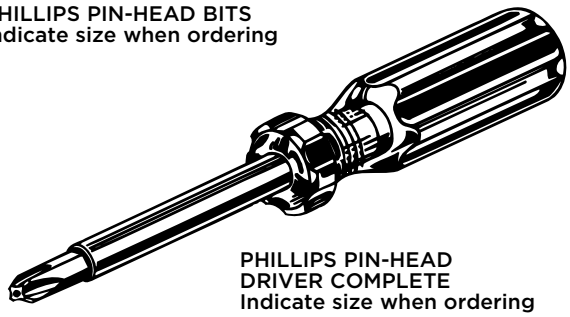
SIZE	PART NO.	PRICE CODE
#1 Bit Only (1/4" Hex)	2B.1	S3
#2 Bit Only (1/4" Hex)	2B.2	S3
#3 Bit Only (1/4" Hex)	2B.3	S3



PHILLIPS PIN-HEAD BITS
Indicate size when ordering

DRIVERS COMPLETE-HANDLE WITH BIT

SIZE	PART NO.	PRICE CODE
#1 Driver Complete	2D.1	S8
#2 Driver Complete	2D.2	S8
#3 Driver Complete	2D.3	S8



PHILLIPS PIN-HEAD
DRIVER COMPLETE
Indicate size when ordering

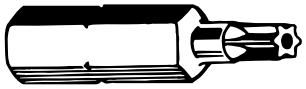
Note: Tamper-Resistant Tools are NOT guaranteed against overtorque, misuse, breakage or wear .

TAMPERPROOF

TORX TAMPERPROOF

BITS ONLY

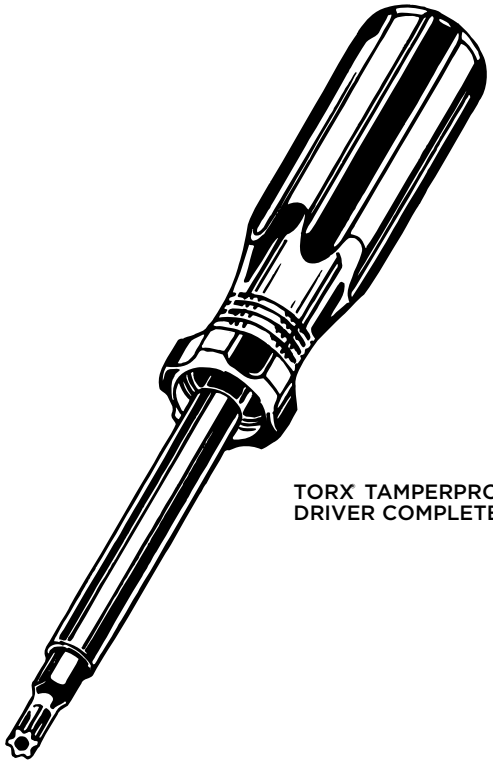
SIZE	PART NO.	PRICE CODE
T-7 Bit (1/4" Hex)	4B.T7	S3
T-8 Bit (1/4" Hex)	4B.T8	S3
T-9 Bit (1/4" Hex)	4B.T9	S3
T-10 Bit (1/4" Hex)	4B.T10	S3
T-15 Bit (1/4" Hex)	4B.T15	S3
T-20 Bit (1/4" Hex)	4B.T20	S3
T-25 Bit (1/4" Hex)	4B.T25	S3
T-27 Bit (1/4" Hex)	4B.T27	S3
T-30 Bit (1/4" Hex)	4B.T30	S3
T-40 Bit (1/4" Hex)	4B.T40	S3
T-45 Bit (5/16" Hex)	4B.T45	S5
T-50 Bit (5/16" Hex)	4B.T50	S6



TORX® TAMPERPROOF BIT
Indicate size when ordering

KEYS-BOTH ENDS DRILLED

SIZE		PART NO.	PRICE CODE
T-7	(Double-Ended)	4K.T7	S8
T-8	(Double-Ended)	4K.T8	S8
T-9	(Double-Ended)	4K.T9	S8
T-10	(Double-Ended)	4K.T10	S4
T-15	(Double-Ended)	4K.T15	S4
T-20	(Double-Ended)	4K.T20	S4
T-25	(Double-Ended)	4K.T25	S4
T-27	(Double-Ended)	4K.T27	S5
T-30	(Double-Ended)	4K.T30	S5
T-40	(Double-Ended)	4K.T40	S7
T-45	(Double-Ended)	4K.T45	S8



TORX® TAMPERPROOF
DRIVER COMPLETE

DRIVERS COMPLETE-HANDLE WITH BIT

SIZE	PART NO.	PRICE CODE
T-7 Driver	4D.T7	S8
T-8 Driver	4D.T8	S8
T-9 Driver	4D.T9	S8
T-10 Driver	4D.T10	S8
T-15 Driver	4D.T15	S8
T-20 Driver	4D.T20	S8
T-25 Driver	4D.T25	S8
T-27 Driver	4D.T27	S8
T-30 Driver	4D.T30	S8
T-40 Driver	4D.T40	S8
T-45 Driver	4D.T45	S9
T-50 Driver	4D.T50	T1



206292
TORX TAMPERPROOF SECURITY SCREW KIT
W/ BITS & DRIVER

TAMPERPROOF

TOOLS AND KITS

TORX BIT KIT #TX7B AND TX9B

SIZE	PART NO.	PRICE CODE
#TX7B Kit With 7 Bits (1/4" Hex)	TX7B	T4
#TX9B Kit With 9 Bits (1/4" Hex)	TX7B	T7

#TX7B (Sizes T8, T9, T10, T15, T20, T25, T27) in a vinyl pouch.
#TX9B (Sizes T8, T9, T10, T15, T20, T25, T27, T30, T40) in a vinyl pouch.

TORX KEY KIT #TX5K

SIZE	PART NO.	PRICE CODE
#TX5K Kit With 5 Keys		TX5K

T4 Keys (Double-Ended) in sizes T10, T15, T20, T25, T27 in a vinyl pouch.

DRIVER KIT #TX7

SIZE	PART NO.	PRICE CODE
#TX7 Driver Kit With 7 Bits	TX7	T8

1 Magnetic Hand Driver with 7 TorxTamperproof Bits (Sizes T8, T9, T10, T15, T20, T25, T27) in a vinyl pouch.

DRIVER KIT #TX9

SIZE	PART NO.	PRICE CODE
#TX9 Driver Kit With 9 Bits	TX9	T9

1 Magnetic Hand Driver with 9 TorxTamperproof Bits (Sizes T8, T9, T10, T15, T20, T25, T27, T30, T40) in a vinyl pouch.

STANDARD TORX (NON-TAMPERPROOF)

STANDARD BITS ONLY		PART NO.	PRICE CODE
T-20	1/4" Hex	7B.T20	S1
T-25	1/4" Hex	7B.T25	S1

TP3

TRIANGULAR RECESS SCREWS

		PART NO.	PRICE CODE
TL-1 Bit	(1/4" Hex)	8B.TL1	S2
TL-1 Driver Complete		8D.TL1	S8



UN-DO-IT REMOVAL TOOL

ONE-WAYS

"UN-DO-IT" REMOVAL TOOLS

SIZE	PART NO.	PRICE CODE
#804 (Screw Sizes 6-8)	5.804	T4
#807 (Screw Sizes 10-12)	5.807	T4
#810 (Screw Sizes 1/4)	5.810	T4

ONE-WAYS are easily installed with a standard screwdriver. Removal may be possible with the "Un-Do-It" removal tools.



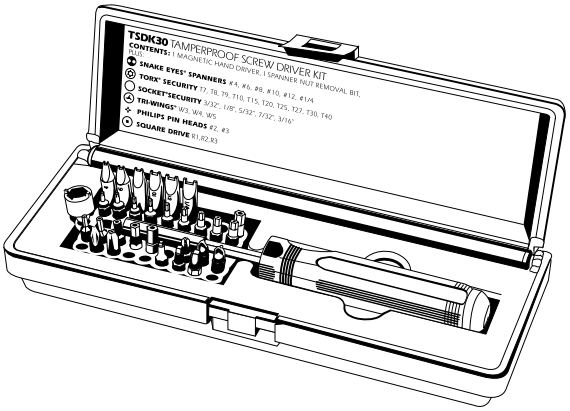
205550
100 PIECE SCREWDRIVER BIT SET

TAMPERPROOF

COMPLETE TOOL KIT

#TSDK30

PART NO.	PRICE CODE
TSDK36	U1



Contains 35 assorted security bits plus 1 magnetic hand driver in a convenient plastic carrying case. Includes:

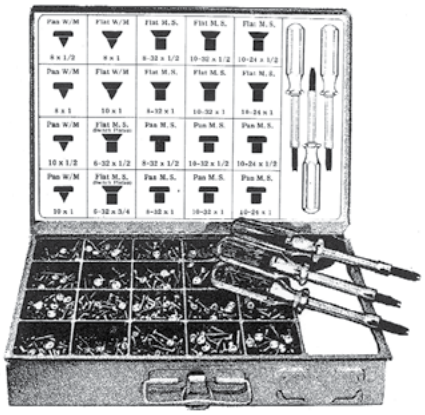
- Spanner Bits, #4, #6, #8, #10, #12, #1/4.
- Torx Tamperproof Bits, T7, T8, T9, T10, T15, T20, T25, T27, T30, T40.
- Phillips Pin-Head Bits, #1, #2, #3.
- Socket Pin-Head Bits, 3/32", 1/8", 5/32", 7/32", 3/16",2mm, 2.5mm, 3mm, 4mm.
- Tri-WingBits, W3, W4, W5.
- Square Drive Bits, R1, R2.
- 1 Spanner Nut Bit.
- 1 TP3 Triangular Recess Bit #TL1

All Bits and Driver in 1/4" Hex.

SPANNER SCREW KIT

#1000

PART NO.	PRICE CODE
1.1000	U2



Contains 20 most-wanted sizes of machine and wood/metal Snake Eyes Spanner security screws. A total of 1,000 screws in stainless steel. Sizes 6, 8 and 10 in lengths from 1/2" to 1". Flat Heads and Pan Heads. Includes 3 special matching drivers. All in a sturdy steel storage box. Ideal for schools, prisons, museums, hospitals and other institutions.

TORX SECURITY SCREW KIT

#1000

PART NO.	PRICE CODE
4.1000	U2



Contains 20 popular sizes of machine and wood/metal Torx security screws. A total of 1,000 screws in stainless steel. Sizes 6, 8 and 10 in lengths from 1/2" to 1". Flat Heads and Button Heads. Includes four matching driver bits and magnetic hand driver. All in a sturdy steel storage box.

Note: Tamper-Resistant Tools are NOT guaranteed against overtorque, misuse, breakage or wear.

TAMPERPROOF

CLOSET AUGERS



Three Foot Flexicore

Professional 3 ft. Flexicore Closet Auger is the ideal tool for breaking up stoppages or removing lost objects in clogged toilet bowls. Durable double layer Flexicore construction gives the snake tremendous resistance to kinking. The Flexicore closet auger works where plungers fail.

The tough outer steel tube is 3/4" in diameter. Inside, a galvanized steel rod turns the cable. Other features include a vinyl bowl guard, vinyl grip handle and turning handle, and a "Grip Clip" for securing the cable.

Catalog Number	Weight/ Pounds
200080	Regular Head 4-1/2
200079	Down Head 4-1/2

200080



3/4" O.D. Steel Tube

15/32" O.D. Double Layer Flexicore Construction

Grip Clip

3/8" Galvanized Steel Rod



Flexicore Cable
Double Spring Construction
Two layers of tempered spring steel are coiled tightly over a core of 49-stand wire rope. It gives the tool tremendous resis tance to kinking. So tough it carries a one-year warranty against defect or breakage
Flexicore Patent Nos. 2,244,735 and 2,849,870



Closet Auger Bag
Closet Auger Bag keeps the closet auger contained and out of sight as it's carried to and from the job.

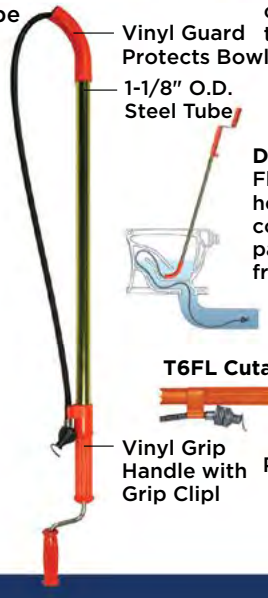
Six Foot Teletube

Heavy-duty 6 ft. Teletube® Closet Auger clears stoppages beyond the bowl. No need to lift the bowl, because the Teletube has an extra three feet telescoped inside a guide tube until you need it. After you've worked the first three feet into the bowl, you can go three feet farther simply by pressing a button and pulling the crank handle.

Outer steel tube is a big 1-1/8" in diameter. The hexagonal guide tube is even tougher than the steel rod we use in our 3FL closet augers. The Teletube weighs just a little more than a 3FL too. Other features include a vinyl bowl guard, vinyl grip handle and turning handle, and a "Grip Clip" for securing the cable.

Catalog Number	Weight/ Pounds
200081	Regular Head 5-3/4
200082	Down Head 5-3/4

200082



Vinyl Guard Protects Bowl

1-1/8" O.D. Steel Tube



Down Head
Flexible down head follows bowl contours. It springs through sharply angled passages while protecting the inner walls from chipping and breaking.

T6FL Cutaway Hexagonal Guide Tube



Vinyl Grip Handle with Grip Clipl

Press button, pull back on handle, and you've released three more feet of cable.

General PIPE CLEANERS General Wire Spring Co.

URINAL AUGER

General Pipe Cleaners Teletube Urinal Auger gets though urinals where other snakes can't. The specially designed spring has the toughness and flexibility negotiate tight urinal bends. The Telescoping Teletube Urinal Auger features a 48" spring for clearing stoppages beyond the urinal.

No need to pull the urinal off the wall, because the Teletube has an extra two feet telescoped inside the guide tube until you need it. After you've worked the first two feet into the line, you can go two feet farther simply by pressing a button and pulling back the crank handle.

The outer steel tube is a big 1-1/8" in diameter. The aluminum hexagonal guide tube is tougher than the steel rod used in our closet augers. Weighing less than 2 lbs., the compact, durable Teletube Urinal Auger includes a rust resistant steel tube, vinyl grip handle with "Grip Clip" for securing the cable, and a rubber bumper to protect the urinal bowl.

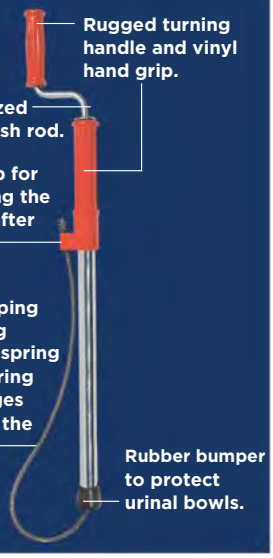


TU4

Catalog Number	Size	Weight Pounds
200212	4 ft.	1-3/4
	1/3/4	(.8kg)

Teletube Urinal Auger design features:

- Telescoping 48" long flexible spring for clearing stoppages beyond the urinal.
- Crush-resistant hexagonal aluminum inner tube.
- Durable galvanized steel push rod.
- Rubber bumper to protect urinal bowls.
- Rugged turning handle and vinyl hand grip.
- Grip-Clip for attaching the spring after use.



General PIPE CLEANERS General Wire Spring Co.

DRAIN CLEANING TOOL

Drill Snake

An innovative tool that attaches to an electric drill. The snake is encased in a plastic tube that remains stationary as the snake is rotated by an electric drill. For safety, the unit is equipped with an automatic clutch that slips if the boring head gets caught in the line.



Catalog Number	UPC	Length	Standard Pack	Weight per Carton
DS15	0-93122-63222-8	15 ft. (4.6 m)	6	10 lbs. (5 kg)
DS25	0-93122-63223-5	25 ft. (7.6 m)	12	18 lbs. (8 kg)

Drain Flusher

Opens clogged drains with water pressure. Just attach to garden hose and slide Drain Flusher into drain. Water expands Flusher to size of pipe. Then water pressure pushes stoppage down the line. Equipped with backflow preventer on the inlet side.



Catalog Number	UPC	Length	Standard Pack	Weight per Carton
203447	0-93122-45101-0	1-1/2"	4	1-3/4 lbs. (1 kg)
203448	0-93122-45102-7	2-1/2"	4	2 lbs. (1 kg)
203449	0-93122-45103-4	3"	4	3 lbs. (2 kg)
203551	0-93122-45104-1	4"	4	3-1/2 lbs. (2 kg)



Flat Sewer Rod

Made from non-kinkable, high carbon, oil tempered steel. Equipped with aluminum grip handle and steel spear head. With a comfortable, efficient Quick Grip Handle that makes the work go faster.



	Catalog Number	UPC	Length	Standard Pack	Weight per Carton
	204574	0-93122-64012-4	25 ft. (7.6 m)	4	17 lbs. (8 kg)
1/2"x 1/16"	200084	0-93122-64013-1	50 ft. (15.2 m)	4	27 lbs. (13 kg)
(13 mm x 2 mm)	75BH	0-93122-64014-8	75 ft. (22.9 m)	4	38 lbs. (18 kg)
(For 2"to 3"Pipes)	204575	0-93122-64015-5	100 ft. (30.5 m)	4	50 lbs. (23 kg)
3/4"x 1/16"	201163	0-93122-64018-6	25 ft. (7.6 m)	4	21 lbs. (10 kg)
(19 mm x 2 mm)	204576	0-93122-64019-3	50 ft. (15.2 m)	4	37 lbs. (17 kg)
(For 2" to 4"Pipes)	204578	0-93122-64021-6	100 ft. (30.5 m)	4	70 lbs. (32 kg)
3/4 "x 1/8"	204583	0-93122-64025-4	50 ft. (15.2 m)	1	18 lbs. (8 kg
(19 mm x 3 mm)	200085	0-93122-64027-8	100 ft. (30.5 m)	1	34 lbs. (15 kg)
(For 4" to 6"Pipes)					

Rescue Wrap

Acts like a splint to repair plumbing, tools, patio furniture, sports gear, and more. Easy to use. Just wet thoroughly, wrap it tightly around object to be repaired, and let it dry. It's waterproof, sandable and paintable.



Catalog Number	UPC	Standard Pack	Weight per Carton
RWP-12	0-93122-81905-6	12	2.3 lbs. (1 kg)

General PIPE CLEANERS
General Wire Spring Co.

CUTTERS - CABLES AND ACCESSORIES



204508
Arrow Head Starting Drill
For 5/16", 3/8", 1/2" and 9/16" cable.



204510
1-1/4" Side Cutter Blades
For cutting and scraping.
For 5/16" and 3/8" cable.



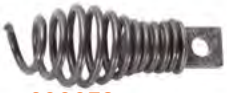
201154
Lead cable down the stack – not up. For 1/4" and 5/16" cable.



201105: 1/4"
201107: 5/16"
1/4" and 5/16"
Double Down Head
For especially difficult bends.
For 1/4" and 5/16" cable.



204509
Flexible Arrow Head
For sharp turns in small lines.
For 5/16" and 3/8" cable.



200076
Boring Gimlet
For removing loose objects.
For 5/16" and 3/8" cable.



200324
Clog Chopper
Clears debris, scale, and crystallized urine. For 5/16" and 3/8" cable.



200078
Down Head Boring Gimlet
Goes down waste, not up the stack.
For 5/16" and 3/8" cable.



200077
Down Head Fitting
Can be used with all standard Handylectric cutters.
For 5/16" and 3/8" cable.



000640 – Small Flexible Leader
Attach to 1/2" wire rope center snakes to go through "P" traps and other close bends. For 3/8", 1/2" and 9/16" cable.



207886
Small Corkscrew Retrieving Tool
For removing loose objects.
For 3/8", 1/2" and 9/16" cable.



002030
1-1/2" U-Cutter
For cutting and scraping.
For 3/8", 1/2" and 9/16"cable.



200083
2" U-Cutter
For cutting and scraping
For 1/2", 9/16", 5/8" and 3/4" cable.



SCB – Side Cutter Blades
(Two Piece Set)
For cutting and scraping.
Furnished in 2", 3", and 4" sizes.
For 1/2", 9/16", 5/8" and 3/4" cable.
SCB



RSB
Rotary Saw Blades
(Two Piece Set)
For cutting and scraping.
Furnished in 3" and 4" sizes.
For 1/2", 9/16"5/8" and 3/4" cable.



2CG
and 2-1/2CG
Clog Chopper
Clears debris, scale, and crystallized urine.
For 1/2", 9/16", 5/8" and 3/4"cables.

General PIPE CLEANERS
General Wire Spring Co.

General PIPE CLEANERS — General Wire Spring Co.

For 5/8" and 3/4" Cable Machines



201516
Spear Head Starting Drill



207885
Corkscrew Retrieving Tool
For removing loose objects.



3": 201038
4": 201039
Heavy Duty Side Cutters
In 3" and 4" sizes.



2": 200083; 3": 204660
4": 204661
2", 3", and 4"U-Cutters
For cutting and scraping.



3": 201036; 4": 201037
Side Cutter Blades
For cutting and scraping. Furnished in 3" and 4" sizes.



201514
Root Ripper
Heavy spring screws into root mass, while front hook tears into stoppage. Passes through 4" "P" Traps.



3": 200204; 4": 202104
Rotary Saw Blades
For roots and other stoppages. Furnished in 3" and 4" sizees



203626
Heavy Duty 3" to 6" Expansion Cutter
Can pass through 3" pipe to reach and clean 6" pipe. Can be put through 4" "P" traps.



203627
Self Adjusting 4"to 6" Side Cutter Blades
Can pass through 4" pipe to reach and clean 6" pipe.



3": 200329; 4": 200323
Clog Choppers
Maneuverable cutters clears roots, debris, and scale. Available with connector to match General or other brands.



3": 201189
4": 203341
Heavy Duty Saw Blades
For roots and other stoppages. Furnished in 3", 4", and 6" sizes.



204598 – Large Flexible Leader
Used with both 3/4" or 5/8" wire rope center cables to go through "P" traps and other tight bends.



200196 – Large Flexible Leader
Used with both 3/4" or 5/8" wire rope center cables to go through "P" traps and other tight bends. Available in 3" and 4" sizes.



Spider Cutters
Cuts coming and going.

Cutter Set for 7.5R7, 7.5R8 – 5/8" Sectional Cables



R-AH
Arrow Head Starting Tool



R-BG
Boring Gimlet
For removing loose objects.



R-1-1/2 UC
1-1/2" U-Cutter
For cutting and scraping.



205700
Corkscrew Retrieving Tool.
For removing loose objects.

Cutter Set for 15R10 – 7/8" Sectional Cables



205701
Hook Auger For breaking up stoppage and retrieving.



R-SHD-10
Spear Head



R-2UC-10
2" U-Cutter
For cutting and scraping.



R-3UC-10
3" U-Cutter
For cutting and scraping.



205700
Corkscrew Retrieving Tool
For removing loose objects.

General PIPE CLEANERS — General Wire Spring Co.

Rodrunner/Model 88 Standard Cutter Set

Note all cutters illustrated with "G" connector.
If ordering with "L" connector, drop "G" prefix and substitute "L". For example: L-SHD.



G-SHD
Spear Head



G-2UC
2" U-Cutter



G-3HDSC
3" Heavy Duty Side Cutter



G-4RSB
4" Rotary Saw Blade



201164
3" Heavy Duty Saw Blade



G-RTR2
Retrieving Tool



CW– Coupling Wrench
(Fits both "G" and "L"connectors.)



G-HA– Hook Auger

Rodrunner/Model 88 Standard Cutter Set



G-SC
Spade Cutter
Wide blade with sharp edge.



G-CA
Cutter Adapter
Converts all cutters for use with "G" connectors.

207551
Wheeled Cable Carrier
Holds five 10-ft. sections.





200551
Cable Carrier
Holds five 10-ft. sections.



G-FSH
Flex-Spear Good in 4" "P" traps.



CF– Cable Feeding Tool
(Standard with Model 88)
Helps work cable around tight bends.



G-CL
Cutter Leader
Adds flexibility to front of Proflex cables.

Cables



Flexicore Cable

Wire Rope Center Construction

Heavy-gauge wire coiled tightly around 49-strand aircraft-type wire rope and heat treated. Has unequalled strength and the right amount of flexibility. So tough it carries a one-year warranty against defect or breakage. **Flexicore Patent Nos. 2,244,735 and 2,849,870**



General Flexicore Cable with Male and Female Connector

Sectional Cables

Sections for Model 88 and Rodrunner come in the all-purpose Flexichain which has a chain center, a stiffer Proflex which has a spring center, and a hollow style. Choose from three coupling styles. They snap together in a second and are taken apart quickly with a spanner wrench or uncoupling key. With the more recently developed "G" connector, no torque is put on the locking pin when running in reverse, making it a durable coupling.



Flexichain Section



Proflex Cable



"G" Connector
Pat. No. 3094011



"L" Connector



15R10-P Proflex Cable



Snake Oil™

Protects your cables better than common lubricants. Its special rust inhibitor cuts through moisture and replaces it with a rust-resistant coating. In addition, Snake-Oil gives your equipment a fresh, clean smell.

Catalog Number	Description
700002	1 Quart Snake-Oil
700007	1 Gallon Snake-Oil

204446 "Quick Fix"Repair Coupler



Just screw on tightly and it won't come off. For 1/2", 9/16", 5/8", and 3/4" sizes.

Butt-Weld Connector



Passes through automatic feeds. No need to adjust feed. For 5/8" and 3/4" sizes.

5/16": 205092; 3/8": 205090 5/8": 204804; 3/4": 004179 Cup Type Connector



Sheath fits over cable for easier repairs. For 5/16", 3/8", 1/2", 5/8" and 3/4" sizes.

3/8": 204805; 5/8": 204803; 3/4" 205879 Repair Sleeve



In 3/8", 1/2", 5/8", and 3/4" sizes.

204518

Splash/Impact Goggles

Can be worn over glasses.





GTCable Guide Tube

Adds safety when you can't get machine close to drain opening. 30" long x 1-1/4" diameter spring.



208016 Guide Tube Extension

Five foot extension attaches to the Cable Guide Tube. Made of 40" conduit with 24" spring end.



MGT

Manhole Guide Tube

Supports drain cables in manholes. Adjusts from 6'2" to 9'4". 4'4" extensions available.

General PIPE CLEANERS General Wire Spring Co.

COLD-SHOT PIPE FREEZE KIT



The Cold-Shot is easy to use. Just place the freeze head around the pipe, attach the hose, and open the cylinder valve. Liquid carbon dioxide will flow into the freeze head and form dry ice with a temperature of minus 110F° (-79C°). That's cold enough to form an ice pack that can withstand 7,000 psi, yet won't damage pipes.







Kit includes 10 sets of freeze heads for 1/8" to 2" lines (10mm to 60mm), two high pressure spiral hoses with injectors, T-distributor, locking nut, hex head screwdriver, rubber gloves, goggles and carrying case.

Cat. No.	Boxed Wt.
204020	
Cold-Shot Pipe Freeze Kit	12 lbs.

The freezing times and CO^2 requirements in the table below are general guidelines based on a water temperature 68 F° (20C°). These figures will vary for other temperatures. Longer freezing times are required for plastic pipe.

FREEZE HEAD SIZ	MATERIAL	FREEZING TIME	FREEZE OPERATIONS PER FREEZE HEAD PER 20 LBS (10 kg) CYLINDER
1/8"	Steel	1 min.	165
(10/12mm)	Copper	1 min.	160
1/4"	Steel	1 min.	130
(15 mm)	Copper	2 min.	75
3/8"	Steel	2 min.	65
(18 mm)	Copper	3 min.	50
1/2"	Steel	3 min.	45
(22 mm)	Copper	5 min.	30
3/4"	Steel	5 min.	29
(28 mm)	Copper	7 min.	22
1"	Steel	7 min.	20
(35 mm)	Copper	10 min.	15
1-1/4"	Steel	11 min.	15
(42 mm)	Copper	14 min.	11
1-1/2"	Steel	16 min.	10
(54 mm)	Copper	24 min.	7
2"	Steel	29 min.	5
(60 mm)	Copper	40 min.	2

The Small Drain Specialist

The Super-Vee offers you a complete system for cleaning drain lines through 3" in diameter. With a variety of cables, cutters and accessories available, you have the right combination for any clogged drain problem.

The Super-Vee is built to clear clogged drains for a decade or more. And our Dyna-Thrust™ bearing system is one reason why. It helps carry the weight of the drum, significantly reducing wear on the motor shaft bearing and extending the life of the tool. Of course the cables are Flexicore with an integral wire rope center.



Slide Action Chuck: With a quick movement of the Grip Shield, you release or engage the cable – without the need for a chuck, and with automatic adjustment for different cable diameters. As a result, you get your cable into the line faster, pull it out faster, and have full control at all times. Because the Slide Action Chuck is linked to the Grip Shield, handling is easy and comfortable.

Slide shield BACK to grip cable...

Slide Grip Shield FORWARD to release cable ... It's that quick!

Quick-Change Cable Cartridges:
To switch to a different diameter cable you just loosen three screws, pull the front of the drum off the cable, and load another cartridge. Changing takes less than a minute and turns what could be a messy job into a clean one.

General PIPE CLEANERS General Wire Spring Co.

Complete and Ready to Operate

002029 with case, 25 ft. x 1/4" (**204051**), 25 ft x 3/8" (**204502**) cables, **201158** cutter set and cartridges. Boxed wt. 32 lbs.

204503 with case, 25 ft. x 1/4" (**204051**), 35 ft x 3/8" (35HE2) cables, **201158** cutter set and cartridges. Boxed wt. 35 lbs.

000998 with case, 50 ft. x 1/4" (**201156**), 35 ft. x 3/8" (**201157**) cables, **201158** cutter set and cartridges. Boxed wt. 39 lbs.

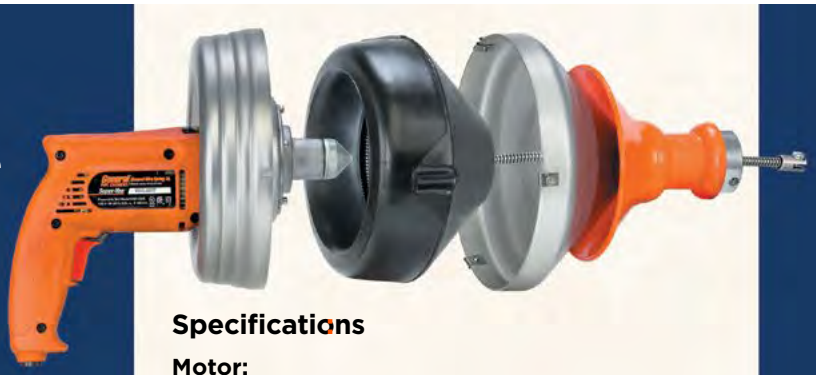
204505 with case and 25 ft. x 5/16" (25HE1-A) cable. Boxed wt. 25 lbs.

204506 with case and 25 ft.. x 1/4" (**204051**) cable. Boxed wt. 21 lbs.

To order without case, delete suffix "WC", as SV-A.

220/230 & 240 Volt/50 Hz units are available.





Specifications

Motor:
All ball-bearing, double-insulated, reversible motor with variable speed control; 0 – 500 rpm.

Drum:
Heavy gauge stamped aluminum with inner drum to prevent cable tangling.

Capacity:
50 ft. of 1/4" or 5/16" cable; 35 ft. of 3/8" cable. All cables are left hand wound and reinforced with a wire rope center.

Cutter Set:
See below.

Cable Cartridges:
Light weight, impact resistant plastic.

Slide Action Chuck:
Grip shield moves back to engage cable, forward to release it. Automatically adjusts for different diameter cables.

c UL us

5-Piece Cutter Set(201158)
For Use Only With Cables Having Connectors



204508
Arrow Head Starting Drill



200076
Boring Gimlet



200078
Down Head Boring Gimlet (2 piece set)



204510
1-1/4" Side Cutter Blade

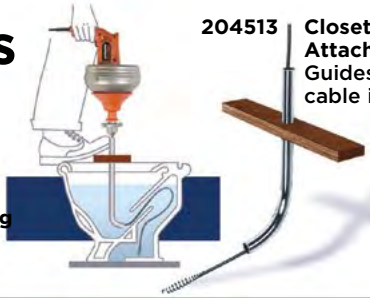


204509
Flexible Spring Arrow Head Cutter

Options



200077
All-Purpose Down Head Fitting
Can be used with all standard HECS cutters.



204513 **Closet Auger Attachment**
Guides 1/4" or 5/16" cable into bowl



204511
Carrying Case

General PIPE CLEANERS
General Wire Spring Co.



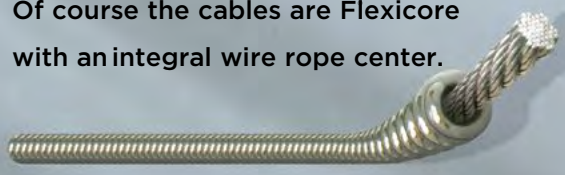
With Power Cable Feed. Works great in tight spots.

We've miniaturized our big machine power cable feed and put it on the Super-Vee to give you feeding speed and convenience you haven't seen before in a hand-held power drain cleaner. In tight or awkward places, the Power-Vee is like having an extra hand.

To feed the cable just start the Power-Vee and squeeze the feed lever; to retract it, reverse the motor and squeeze the lever. The feed handles 1/4", 5/16" and 3/8" cables. No adjustment or additional parts required.

Our Dyna-Thrust™ bearing system helps carry the weight of the drum, significantly reducing wear on the motor shaft bearing and extending the life of the tool. Also adding to the Power-Vee's durability is the heavy-gauge stamped aluminum drum.

Of course the cables are Flexicore with an integral wire rope center.



- Feeds 3/8" cable at 16 feet per minute.
- The feed handles 1/4", 5/16" and 3/8" cables – no adjustment or additional parts required.
- Uses left hand wound Flexicore cables for maximum strength.
- With Quick-Change cable Cartridges.



General PIPE CLEANERS
General Wire Spring Co.

Complete and Ready to Operate

Basic Unit Includes:

- Power Cable Feed
- Variable Speed Motor with Reverse Switch
- Quick-Change Cable Cartridge



204529 with case, 25 ft. x 1/4" (**204519**), 25 ft. x 3/8" (**204502**) cables, **201158** cutter set and one additional cartridge. Boxed Weight 33 lbs.

204530 with case, 25 ft. x 1/4" (**204519**), 35 ft. x 3/8" (**201157**) cables, **201158** cutter set and one additional cartridge. Boxed weight 36 lbs.

204531 with case, 50 ft. x 1/4" (**201150**), 35 ft. x 3/8" (**201157**) cables, **201158** cutter set and one additional cartridge. weight 39 lbs.

204532 with case, 25 ft. x 5/16" (25HE1-A-DH) cable. Boxed weight 27 lbs.

204533 with case, 25 ft. x 1/4" (**204519**) cable. Boxed weight 26 lbs.

Specifications:

Motor:
All ball-bearing, double-insulated, reversible motor with variable speed control; 0-500 rpm.

Drum:
Heavy gauge stamped aluminum with inner drum to prevent cable tangling.

Capacity:
50 ft. of 1/4" or 5/16" cable; 35 ft. of 3/8" cable. All cables are left hand wound and reinforced with a wire rope center.

Cutter Set:
See below.

Cable Cartridges:
Light weight, impact resistant plastic.

Power Feed:
Feeds 3/8" cable at 16 feet per minute.

c UL us

5-Piece Cutter Set (201158)

For Use Only With Cables Having Connectors



204508
Arrow Head
Starting Drill



200076
Boring Gimlet



200078
Down Head
Boring Gimlet



204509
Flexible Spring Arrow
Head Cutter



204510
1-1/4" Side Cutter
Blade (2 piece set)

Options



202724
Handy-Stand



204511
Carrying Case



200077
All-Purpose
Down Head Fitting
Can be used with all
standard HECS cutters

General PIPE CLEANERS
General Wire Spring Co.

Extra Portibility and Performance



Extra Portability.
The Mini-Rooter XP gives you extra portability because 8" semi-pneumatic wheels let you keep the weight on the ground. An easy-grip handle folds down to save space and locks to use as an additional lifting handle. A roll bar protects the 1/3 hp motor when going up or down stairs. And the power cord and foot pedal can be stowed away on convenient cord wraps.

Extra Performance.
The XP gives you extra performance and value, enabling you to clear clogged drain lines from 1-1/4" to 4" in diameter with just one machine. The drum easily holds 75 feet of 3/8" or 1/2" cable, and features a free-floating inner drum with an integral distributor tube to help prevent cable tangling. By switching to the optional J-Drum or dual drum, you can handle smaller drain lines.

Extra Power.
The XP is equipped with a power cable feed too. It makes a lot of tough jobs go much easier. Even with the power cable feed, the drum is a snap to remove, taking less than a minute.

Of course the XP comes with an air foot pedal and ground fault circuit interrupter for safety, and General's patented Flexicore wire rope center cable for durability.



Power Cable Feed
A variable speed power cable feed attachment makes feeding and retrieving the cable much easier. It quickly adjusts between 3/8" and 1/2" cables without the need for tools or additional parts.

General PIPE CLEANERS General Wire Spring Co.

MINI-ROOTER XP

Extra Portibility and Performance

Specifications

Weight:
67 lbs. (30 kg) with power feed and without cable.

Dimensions:
24" deep x 18" wide x 38" high with handle folded down. (61 cm x 46 cm x 96 cm)

Drum:
Equipped with inner drum cage and distributor tube to prevent cable tangling under load. Quickly removable from frame.

J-Drum:
Capacity of 50 ft. of 1/4" or 5/16" Flexicore cable.

Wheels:
8" semi-pneumatic tires with oilite bronze bushings.

Motor:
1/3 hp with forward-off-reverse switch, spring-loaded mounting for proper belt tension. Load speed 165 rpm.

Power Cable Feed:
Drives 1/2" and 3/8" cables.

Foot Pedal:
Leaves operator's hands free to control cable. Uses air pressure, so there's no electrical contact between pedal and motor.

Power Cord:
10 ft. 3-wire. In-line Ground Fault Circuit Interrupter.

Leather Gloves:
With double-reinforced palm, for hand protection when guiding cable.

Folding Handle:
Reduces storage space.

Cutter Set:
See below.



Flexicore Cable
Wire Rope Center Construction

Heavy-gauge wire coiled tightly around 49-strand aircraft-type wire rope and heat treated. Has unequalled strength and the right amount of flexibility.
So tough it carries a one-year warranty against defect or breakage.
Flexicore Patent Nos. 2,244,735 and 2,849,870

Cutter Set



204508
Arrow Head Starting Drill



200076
Boring Gimlet



002030
1-1/2" U-Cutter



204558
2" Side Cutter Blade (2 piece set)



Folding Handle
The handle is tall enough to make it easy to move to the job, yet it can be quickly folded to take less room in your truck.

J-Drum (204561)
With a J-Drum, you're ready for small drain work in seconds. Equipped with a patented Quick-Grip™ chuck that tightens firmly on the cable with just a quarter turn. Will hold any Super-Vee cable.



204555: Mini-Rooter XP with 200075 (75 ft. x 3/8") Cable, and 201142 Cutter Set

204556: Mini-Rooter XP with 200925 (50 ft. x 1/2") Cable, and 201142 Cutter Set

General PIPE CLEANERS — General Wire Spring Co.

Clears lines from rooftop to basement.

The Mini-Rooter clears lines from rooftop to basement, including kitchen, bath and laundry. With 50 ft. of 1/2" cable, it weighs just 60 lbs.

This inexpensive, easy-to-use machine has lots of time saving features. For instance, you can remove the cage in seconds for more portability or to switch to a different cable diameter – with no mess or lost time. Safety features include an air foot switch, ground fault circuit interrupter, and a safety slip clutch. An integral inner drum and distributor tube spring help prevent cable tangling under load.





Take the cage off the Mini-Rooter in seconds.



For small drain work, get a Mini-Rooter J-Drum.



Dolly snaps on frame for easier portability.

Specifications:

Weight:
43 lbs. without cable (19.5 kg).

Cage Capacity:
75 ft. of 3/8" or 50 ft. of 1/2" Flexicore Cable.

Motor:
1/3 hp, thermal overload protection, Forward/Off/Reverse Switch.

Safety Slip Clutch:
Protects cable and operator.

Flexicore Cable:
Heavy gauge wire coiled tightly around 49-strandaircraft-type wire rope and heat treated.

Foot Pedal:
Uses air pressure, so there's no electrical contact between pedal and motor.

Power Cord:
10 ft., 3-wire; equipped with ground fault circuit interrupter.

Leather Gloves:
With double-reinforced palm, for hand protection when guiding cable.

Cutter Set:
Arrow Head, 1-1/2" U-Cutter, 2" Side Cutters and Boring Gimlet. Others available.

Instructional Video included.

MR-C-O: Mini-Rooter with 200925 (50 ft. x 1/2") Cable, and 201142 Cutter Set

General PIPE CLEANERS — General Wire Spring Co.

MINI-JET

Features:

- Compact, lightweight unit weighs just 23 lbs.
- Clear grease, sand, and ice from 1-1/2" to 3" lines.
- Generates 1500 psi at 1.4 gpm, yet pulls only 13 amps
- Pulse helps hose slide around tight bends and farther down the line.
- Water Sensor "senses" moving water and automatically shuts off motor if water isn't flowing.
- Rugged metal diamond plate case can handle abuse in the field.
- Rubber feet under the case protect kitchen counter top.

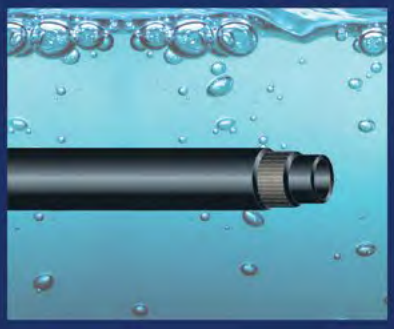


Mini-Jet includes Super-Flex™ high pressure jet hose, 4 pc. nozzle set, water supply hose, shut-off valve, universal faucet adapter and threaded faucet adapter.

Accessories:



Jet Nozzles
Four piece nozzle set includes penetrating nozzles with and without forward jet, flushing nozzle, and spring leader nozzle.



Jet Hose
Super-Flex™ 1/8" hose has the flexibility to get through 1-1/2" to 3" lines and bends, and is available in 30 and 50 ft. lengths.



Spray Wand (Optional)
Get a spray wand and use your jet for high pressure washing and cleaning applications. It comes with two wands – the Turbo Lance and the High/Low Lance with adjustable spray nozzle. (Catalog # SWA-1000)

JM-1000 Mini-Jet Units:

Catalog No.	Description
208562	Basic Unit: 13 amp motor w/ GFCI, 1500 psi/ 1.4 gpm pump, Rubber Gloves (no hoses or nozzles)
208560	208562 Basic Unit + 209740 (30 ft. x 1/8") Hose, 005857 Nozzle Set, Water Supply Hose, Shut-Off Valve, Universal Faucet Adapter and Threaded Faucet Adapter.
206381	JM-1000 Basic Unit + 403330 (50 ft. x 1/8") Hose, 005857 Nozzle Set, Water Supply Hose, Shut-Off Valve, Universal Faucet Adapter and Threaded Faucet Adapter.

Bold listing denotes the best-selling model

JM-1000 Mini-Jet Specifications:

Pump: Triplex with pulse	**Flow:** 1.4 gpm	**Hose Capacity:** Up to 50 ft. x"1/8	**Dimensions:** 24" L x 10.5 W x 11" H (61 cm x 27 cm x 28 cm)
Pressure: 1500 psi	**Motor:** 1.2 hp 13 amp w/3-wire GFCI	**Weight:** 23 lbs (10 kg) without hose	

General PIPE CLEANERS General Wire Spring Co.

KINETIC WATER RAM

OPEN CLOGGED PIPES WITH SHOCK ACTION!

Here's a compact, lightweight tool for quickly opening clogged sinks, toilets and tubs. It handles rust, grease, sediment, and scale in lines up through 4" in diameter.

The Kinetic Water Ram uses a burst of compressed air that creates a shock wave (kinetic energy) that travels through the water to break up the stoppage.

The Ram has a self contained pump and pressure gauge, so you can hit the stoppage with just the right amount of force. You get instant impact with no pressure build-up in the plumbing system. The shock wave travels so fast, it bypasses vents and stacks and hits the stoppage head on with 98% of its force.

The Ram is particularly useful when the stoppage is on the far side of a drum trap or a series of tight bends that would be difficult to get through with a snake.

An optional toilet attachment enables you to position the cone in the bowl to get a tighter seal. As a result, you can strike the blockage with greater impact and no splash back.

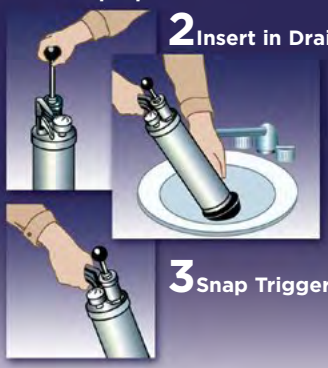






- 16 gauge plated cylinder tested for up to 600 lbs. of pressure.
- 100 lbs. gearless pressure gauge provides pinpoint pressure control.
- Built-in air compressor easily pumps up to desired pressure.
- Flexible cone seals drains ranging from 1-1/4" to 4" in diameter.
- Equipped with Schraeder valve for use with external air compressor when clearing difficult stoppages.

Simple to operate... Anyone can use it.

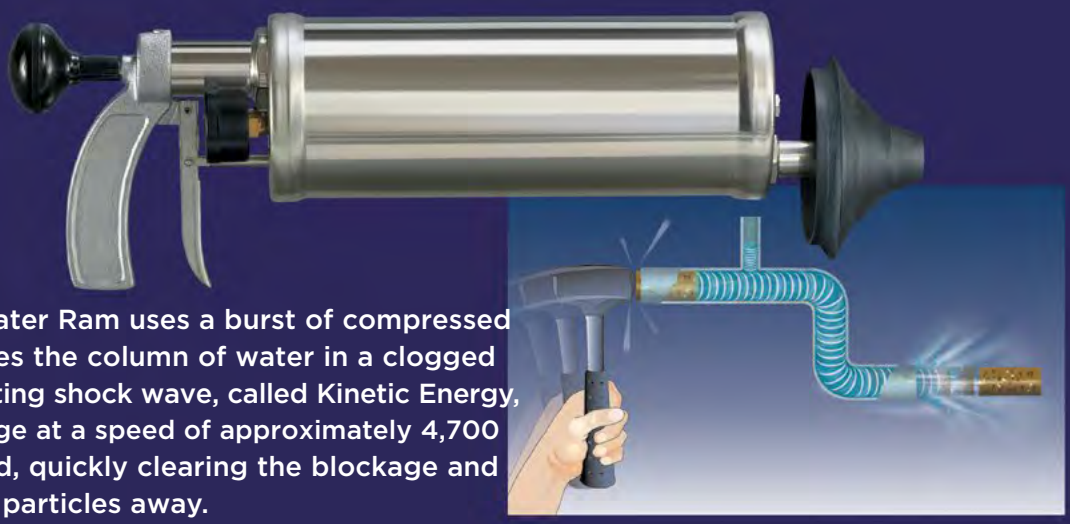




Carrying case holds Water Ram and attachments.

General PIPE CLEANERS — General Wire Spring Co.

KINETIC WATER RAM



The Kinetic Water Ram uses a burst of compressed air, which strikes the column of water in a clogged pipe. The resulting shock wave, called Kinetic Energy, hits the stoppage at a speed of approximately 4,700 feet per second, quickly clearing the blockage and flushing waste particles away.

The diagram shows an example of how the principal kinetic pressure is applied. The instant impact protects pipes and joints because there is no build-up of pressure in the plumbing system.

The shock wave travels through the water, bypassing vents and stacks, and going around tight bends to knock out the stoppage.

Standard Accessories

- Caulking Hose
- 4″ Tapered Rubber Cone
- Set of Five Tapered Rubber Plugs



Model shown: 200228

Optional Accessories

- Toilet Attachment
- Carrying Case
- 6″ Tapered Rubber Cone
- 1-1/2″, 2″, 3″, and 4″ Expansion Plugs
- Universal Faucet Adapter
- Water Supply Hose
- Check Valve



Unit Combinations

200253 Kinetic Water Ram, complete with standard accessories as listed above.
200410 Standard accessories, plus carrying case.
200228 Standard accessories, carrying case, plus toilet attachment.
200252 Standard accessories, carrying case, 6″ rubber cone, four expansion plugs, check valve, water supply hose, universal faucet adapter, and 22″ extension hose instead of caulking hose.

General PIPE CLEANERS — General Wire Spring Co.

Job tested tough



Contractors know that the Speedrooter really can take a beating – from its frame braced at key stress points, to General's exclusive Flexicore wire rope center cable that's so tough it carries a one year warranty.

The Speedrooter 92's field tested design offers easy handling. One person can easily load it onto a truck, as the machine slides smoothly from the loading wheel to the handle to the stair climbers and finally to the wheels. The adjustable height handle can be reset to be three inches longer or more compact, depending upon your preference.

With the driving and pulling power for long, tough jobs, General's Power Cable Feed easily handles 3/4" and 5/8" cables. To adjust to different cable sizes, simply turn the knob on top of the feed. The screwdriver stays in the tool box.

The drum holds 100 feet of 3/4" or 5/8" Flexicore cable to clear 3" to 10" drain lines. The drum has a see-through inner cage, so you can quickly see how much cable is left in the drum.



Truck Loading Wheel
One person easily loads the Speedrooter 92 onto a truck. The swept-back handle and loading wheel give you the needed leverage.

SPEEDROOTER

Complete and ready to operate

P-S92	Basic Unit: 1/2 hp Capacitor Motor, Power Cable Feed, Drum, Water-Proof Foot Switch, 20 ft. Power Cord w/GFI, Leather Gloves
809565	Basic Unit + 100 ft. x 3/4" (200022) cable and 206336 cutter set.
204900	Basic Unit + 100 ft. x 5/8" (204457) cable and 206336 cutter set.



Flexicore Wire Rope Center Cables

Heavy gauge wire is coiled around 49 strand wire rope and then heat treated. This cable has unequalled strength and the right amount of flexibility. It's so tough it has a one year warranty against defect or breakage.

Senior Cutter Set – Catalog #SRCS

Cutter	Part Number	Application
Spear Head	SHD	Starting Drill (Gets Water Flowing)
3" and 4" Side Cutter Blades	3SCB 4SCB	For cutting and scraping
2" U-Cutter	2UC	For cutting and scraping
3" Heavy Duty Saw Blade	3HDB	For roots and other stoppages
4" Rotary Saw Blades	4RSB	For roots and other stoppages
Large Retrieving Tool	RTR-2	For removing loose objects and broken cable
26" Flexible Leader	LE-3	Helps cable get around tight bends and traps



Guide tube
Guide tube reduces cable whipping and keeps your hands off the spinning cable. Tube is 30" long. Five foot extensions are available.



V-Belt Stair Climbers
V-belt stair climbers like the ones used to move heavy furniture and appliances let you take the Speedrooter 92 up a flight of stairs yourself.

Specifications:

Weight:
115 lbs. (52 kg) without cable.

Dimensions:
26" deep, 22" wide, 41" high (66 cm x 56 cm 104 cm).

Drum:
Holds 100 ft x 3/4" or 5/8" cable (30 m x 19 mm or 17 mm).

Drum Removal:
Loosen two knobs, remove bolt, and lift off.

Motor:
1/2 hp with capacitor, forward-off-reverse switch, 20 ft. power cord and ground fault circuit interrupter.

Foot Switch:
Pneumatic, with no electrical contact between pedal and motor.

Power Cable Feed
Drives and retracts at variable speed of up to 20 ft. per minute.

Wheels:
10" Heavy-duty wheels with roller bearings.

Stair Climbers:
Heavy-duty V-belts running on nylon rollers.

Wheel Brake:
Enables one person to lift machine onto bed of truck.

Truck Loading Wheel:
Enables one person to lift machine onto bed of truck.

Tool Box:
Attached to rear of machine.
Holds all cutters except Flexible leader.

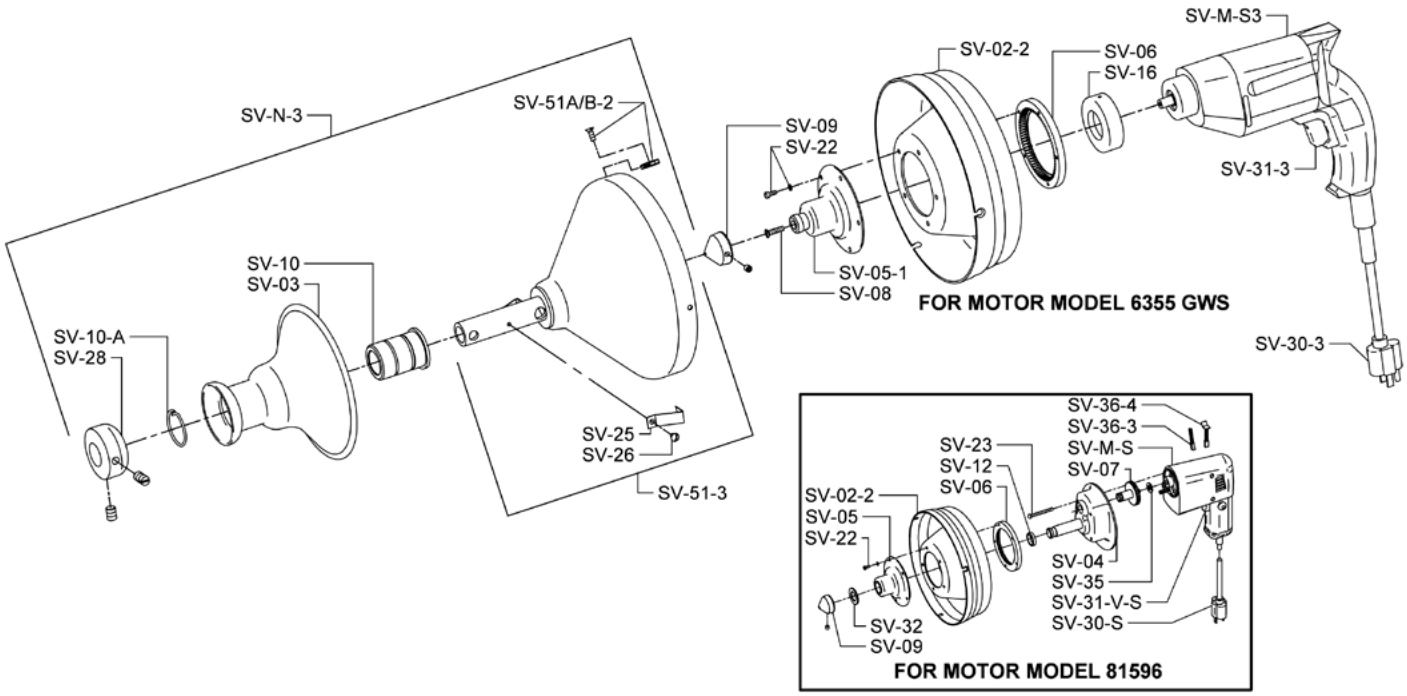
Leather Gloves:
With double-reinforced palm for hand protection when guiding cable.

Cables:
Left wound Flexicore wire rope center 3/4" diameter for 4" to 10" lines and 3" lines without sharp bends; 5/8" diameter for 3" to 6" lines.

Cutters: Cutter Set for 5/8" and 3/4" cables (see left column).

General PIPE CLEANERS — General Wire Spring Co.

SUPER-VEE

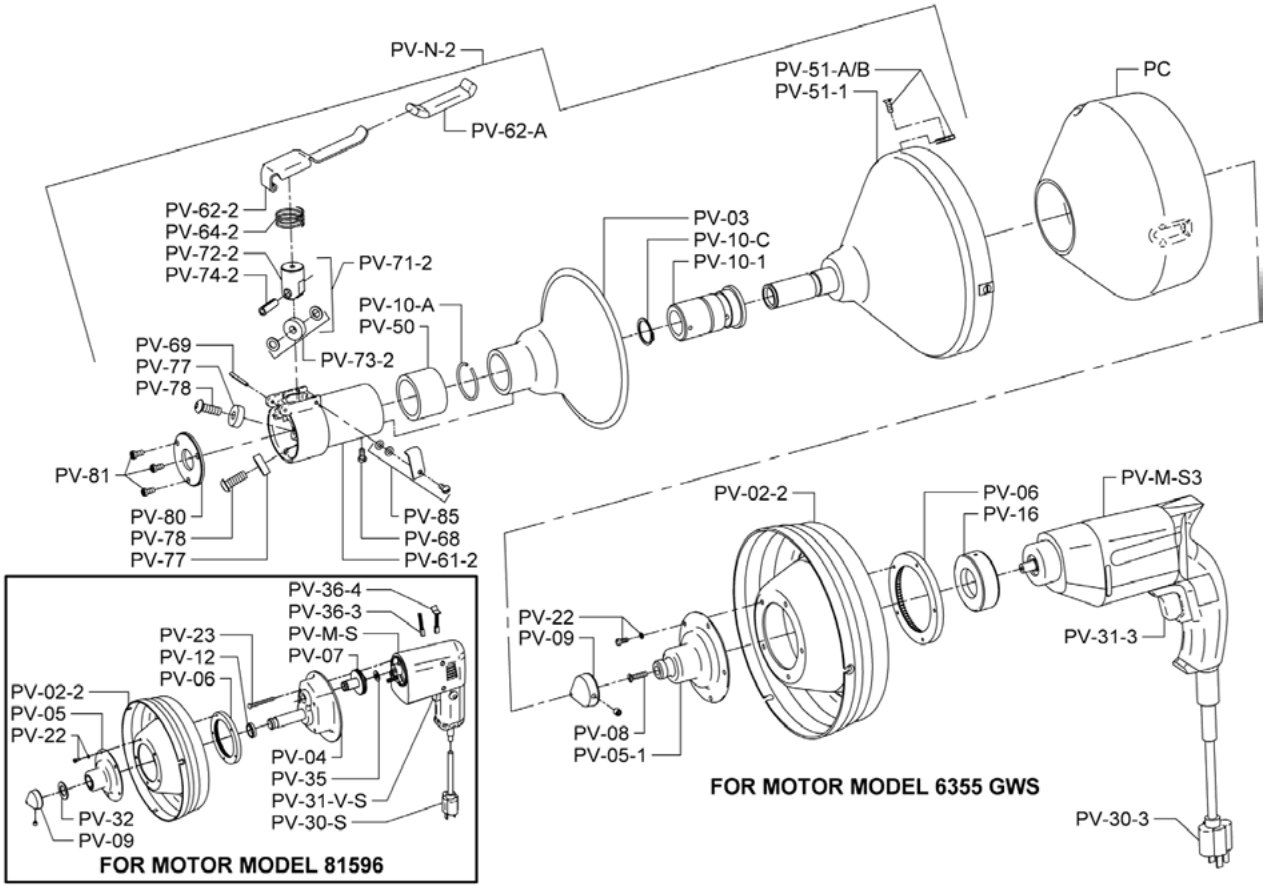


CAT. NO.	DESCRIPTION
SV-M-S	Skil Variable Speed Motor #81596
SV-M-S3	Skil Variable Speed Motor #6355-GWS
SV-M-SC12	Cordless Variable Speed Motor - Discontinued
SV-N-3	Complete Super-Vee Front Assembly
SV-51-1	Container Front - Includes SV-51-A & SV-51-B-1 (Ser. #AS19205 thru AS57101)
* SV-51-3	Container Front - Includes SV-51-A & SV-51-B-1 (Ser. #AS57102 & Up)
SV-51-A/B-1	Set of 3 Thumb Nuts, Bolts & Nuts (Ser. #AS19205 thru AS57101)
SV-51-A/B-2	Set of 3 "U" Nuts & Flat Head Screws (Ser. #AS57102 & Up)
SV-02-1	Container Back - Discontinued (Replace w/SV-51-3 & SV-02-2)
SV-02-2	Container Back (Use w/SV-51-3 Front Only)
* SV-03	Grip Shield
SV-04	Gear Case Body for Motor #81596
SV-05	Gear Case Cap for Motor #81596
SV-05-1	Container Hub for Direct Drive Unit
SV-06	Internal Ring Gear
SV-07	Pinion & Spindle Gear Assembly for Motor #81596
SV-08	Screw for Direct Drive Unit
SV-09	Beveled Collar w/Set Screw
* SV-10	Spindle Sleeve (Incl. SV-10-A)
SV-10-A	Spindle Sleeve Retaining Ring
SV-12	Spacer Washer
SV-16	Thrust Bearing for Motor #6355-GWS
SV-22	Machine Screws w/Lock Washers (5)
SV-23	Fillister Head Screws (4)
* SV-25	Cable Grippers (2)
* SV-26	Screws w/Locktite (2)

CAT. NO.	DESCRIPTION
* SV-28	Front Collar w/Set Screws
SV-30-S	Cord Set for Motor #81596
SV-30-3	Cord Set for Motor #6355-GWS
SV-30-S/220	Cord Set for 220/50 Motor
SV-31-V-S	Trigger Switch Assembly for Motor #81596
SV-31-3	Trigger Switch Assembly for Motor #6355-GWS
SV-31-V-S/200	Trigger Switch Assembly for 220/50 Motor
SV-32	Felt Washer
SV-33	Armature for Motor #81596
SV-33-3	Armature for Motor #6355-GWS
SV-33/220	Armature for 220/50 Motor
SV-34	Field for Motor #81596
SV-34-3	Field for Motor #6355-GWS
SV-34/220	Field for 220/50 Motor
SV-35	Spacer Washer
SV-36-3	Brush Spring & Brush (2) for Motor #81596, Type 2
SV-36-4	Integral Brush, Spring, & Connector (2) for Motor #81596, Type 3
SV-36-5	Brush & Holder Set for Motor #6355-GWS
SV-36/220	Brush Spring & Brush for 220/50 Motor
SV-37	Left & Right Handle Cover Set for Motor #81596
SV-37-3	Left & Right Handle Cover Set for Motor #6355-GWS
SV-37-C	Set Screws & Nuts for Skil Type 2 & 3 Handle Cover
SV-38	Motor Housing for Motor #81596
SV-39-3	Holder for Brush & Spring (2) Type 3 Motors
B12	Battery Pack - 12 v
C12	Battery Charger
PC	Plastic Cartridge
SV-DEC.	Set of Safety Decals
SV-DVD	Instructional DVD
SV-MCC	Carrying Case

*Part Number SV-N-3 Includes All * Parts.

POWER-VEE

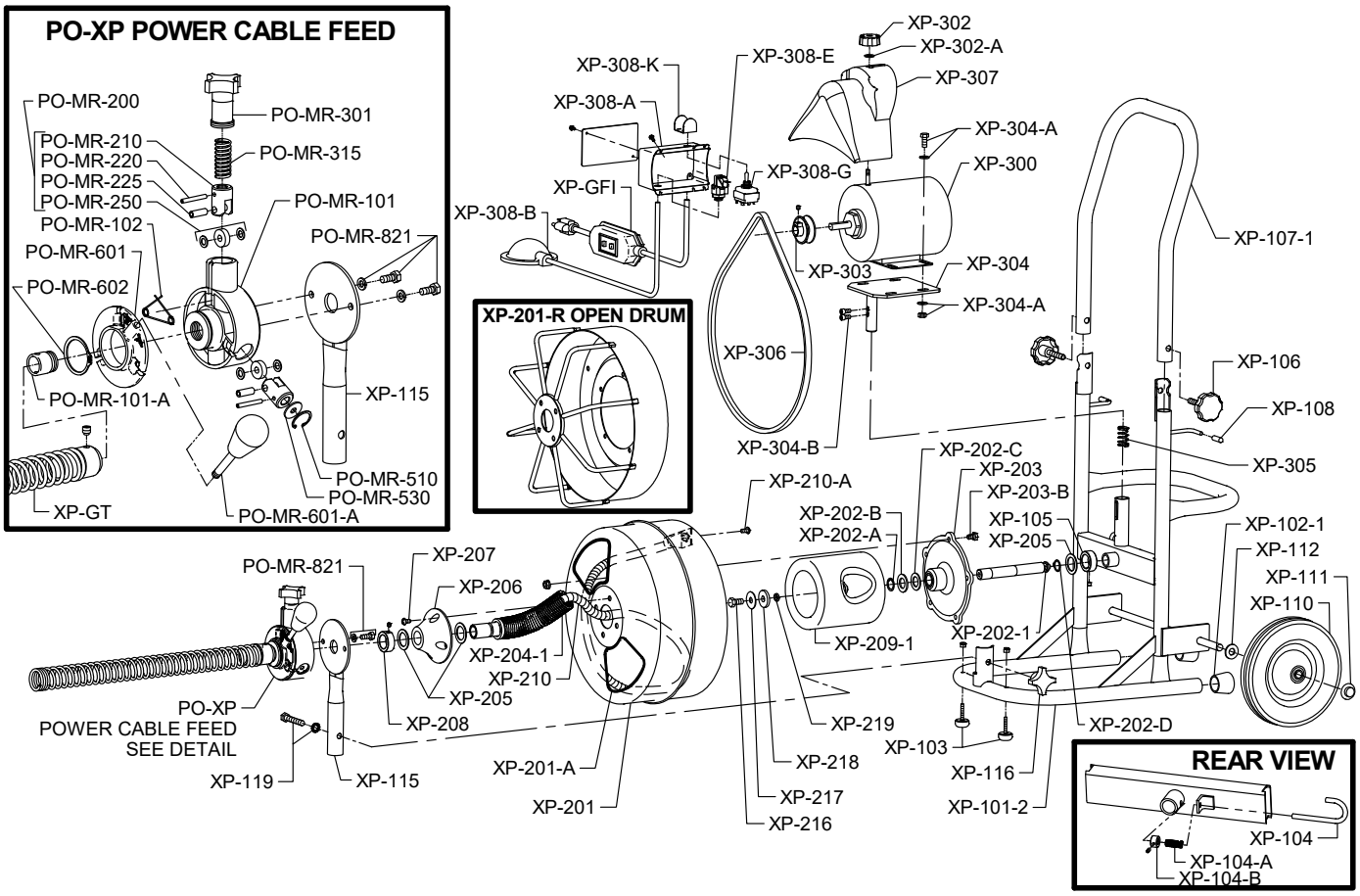


CAT. NO.	DESCRIPTION
PV-M-S	Skil Variable Speed Motor (Model #81596)
PV-M-S3	Skil Variable Speed Motor (Model #6355-GWS)
PV-N-2	Complete Power-Vee Front Assembly
PV-51	Container Front (w/PV-51-A/B)
* PV-51-1	Container Front - Gripperless
PV-51-A/B	"U" Nuts & Flat Head Screws (3)
PV-02	Container Back
* PV-03	Grip Shield
PV-04	Gear Case Body
PV-05	Gear Case Cap
PV-05-1	Container Hub for Direct Drive
PV-06	Internal Ring Gear
PV-07	Pinion & Spindle Gear Assembly
PV-08	Reverse-Thread Screw for Direct Drive Unit
PV-09	Beveled Collar w/Set Screw
PV-10	Spindle Sleeve (Inc. PV-10-A)
* PV-10-1	Spindle Sleeve - Gripperless w/Retaining Ring
PV-10-A	Spindle Sleeve Retaining Ring
PV-10-C	Snap Ring
PV-10-D	Spacer
PV-12	Thrust Washer
PV-16	Thrust Bearing for Motor (#6355-GWS)
PV-22	Machine Screws w/Lock Washers (5)
PV-23	Fillister Head Screws (4)
PV-25	Cable Grippers (2)
PV-26	Screws w/Locktite (2)
* PV-28	Collar w/Set Screw
* PV-29	Lock Screw
PV-30-S	Cord Set (Model #81596)
PV-30-3	Cord Set (Model #6355-GWS)
PV-31-V-S	Variable Speed Trigger & Rev. Switch Assy. (Model #81596)
PV-31-3	Variable Speed Trigger & Rev. Switch Assy. (Model #6355-GWS)
PV-32	Felt Washer
PV-33	Armature for Skil (#81596)
PV-33-1	Armature for Skil (#6355-GWS)
PV-34	Field for Skil (#81596)
PV-34-1	Field for Skil (#6355-GWS)
PV-35	Spacer Washer

CAT. NO.	DESCRIPTION
PV-36-3	Brush Spring & Brush - Discontinued
PV-36-4	Brush, Spring & Connector (2) (#81596 Type 3)
PV-37	Handle Covers (#81596)
PV-37-1	Handle Covers (#6355-GWS)
PV-39-3	Holder for Brush & Spring (2) (#81596)
PV-39-5	Holder for Brush & Spring (2) (#6355-GWS)
* PV-50	Bushing
* PV-61-2	Feed Housing
PV-62-2	Feed Lever w/Sleeve
PV-62-A	Sleeve for PV-62-2
PV-63	Adjusting Knob
PV-64	Tension Spring
PV-64-2	Tension Spring
PV-65	Adjusting Nut
PV-66	Adjusting Screw
PV-67	Set Screws & Washers (2)
* PV-68	Philips Head Screw
* PV-69	Feed Lever Pin
PV-70	Inner Feed Body
PV-71	Feed Roller Assembly (Includes PV-72-2, 73, 74, 75)
* PV-71-2	Feed Roller Assembly (Includes PV-64-2, 72-2, 73-2, 74-2)
PV-72	Carrier
PV-72-2	Carrier
PV-73	Feed Roller
PV-74	Feed Roller
PV-74-2	Shaft Pin
PV-75	Shaft Pin
* PV-77	Bottom Feed Roller (2)
* PV-78	Bottom Feed Roller Retaining Screw (2)
* PV-80	Bottom Roller Retaining Screw
* PV-81	Plate Retaining Screw
* PV-85	Feed Lever Retaining Latch, Screw & Washers
PV-700	Complete Feed Assembly
PV-703	Set of Roller Assemblies (3 x PV-71)
PV-703-2	Set of Roller Assemblies (PV-71-2, 2 x PV-77)
PC	Plastic Cartridge
MCC	Carrying Case
PV-DEC.	Set of Safety Decals

* Part Number PV-N-2 includes all * parts.

MINI-ROOTER XP



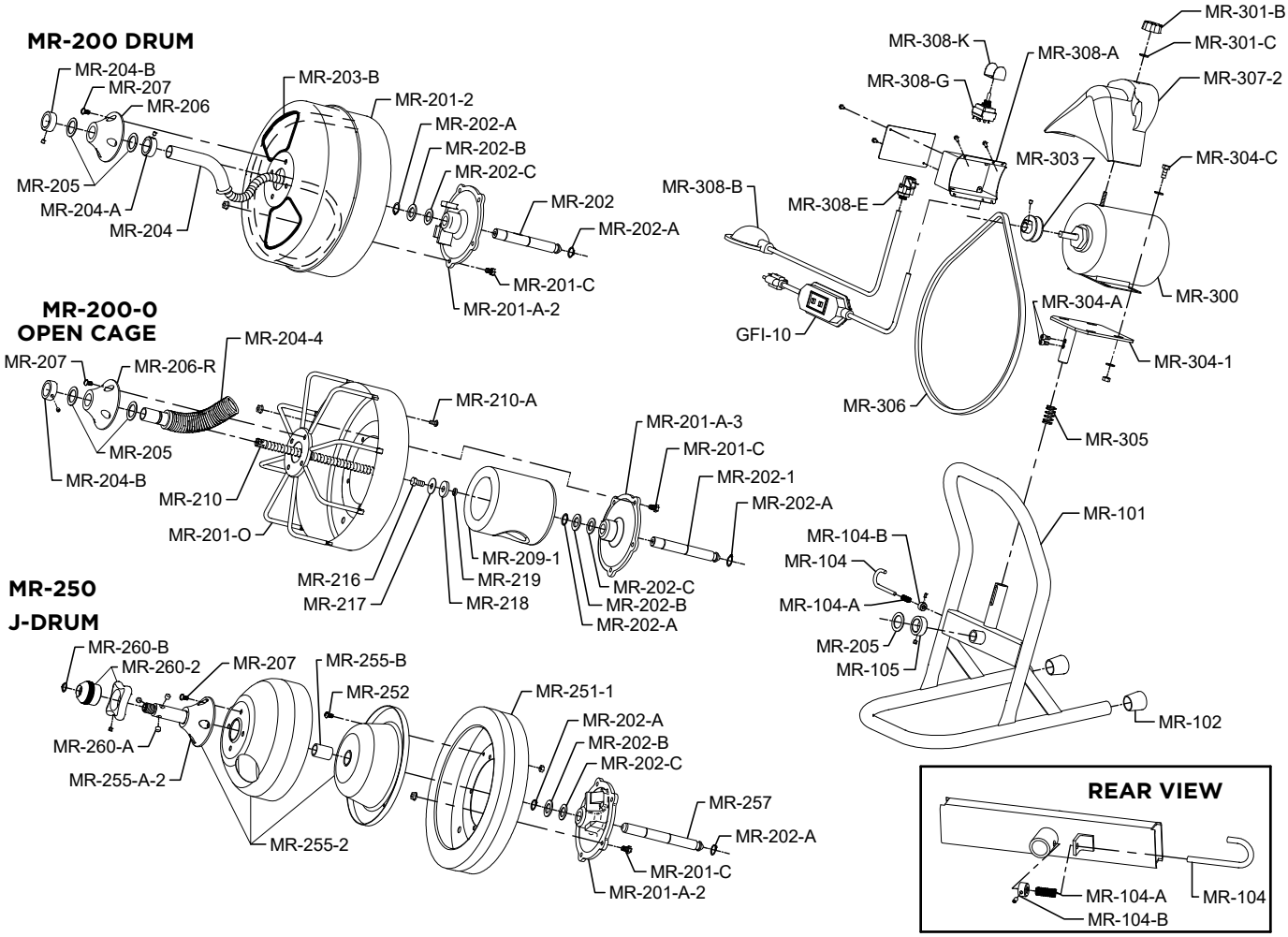
NOTES: _____

MINI-ROOTER XP

CAT. NO.	DESCRIPTION
XP-100-2	Complete Frame Assembly
XP-100-R	Complete Frame Assembly (Orange)
XP-101-2	Frame Only
XP-101-R	Frame Only (Orange)
XP-102-1	Rubber Leg Tip (2)
XP-103	Rubber Foot, Washer & Nut (2)
XP-104	Drum Shaft Retaining Pin
XP-104-A	Retaining Pin Spring
XP-104-B	Retaining Pin Collar w/Set Screw
XP-105	Shaft Spacer w/Set Screw
XP-107-1	Folding Handle
XP-107-R	Folding Handle (Orange)
XP-108	Rubber Tip (2)
XP-110	8" Wheel (2)
XP-111	Wheel Retaining Cap (2)
XP-112	Wheel Spacer (2)
XP-115	Front Post
XP-115-R	Front Post
XP-116	Post Locking Knob
XP-117	Post Support Bracket
XP-118	Guide Tube Holder
XP-119	Bolt w/ Lock Washer
XP-200	Complete Drum Assembly w/Inner Cage (Closed)
XP-200-O	Complete Drum Assembly w/Inner Cage (Open)
XP-201	Drum Shell
XP-201-R	Open Drum Shell
XP-201-A	Edging
XP-202-1	Drum Shaft
XP-202-A	Front Shaft Retaining Ring
XP-202-B	Flat Washer
XP-202-C	Felt Washer
XP-202-D	Rear Shaft Retaining Ring
XP-203	Rear Hub Assembly w/Bushing
XP-203-B	Screws & Flanged Locknuts (5)
XP-204	Distributor Tube and Inner Drum Assembly
XP-204-1	Flexitube Distributor Tube Assembly
XP-205	Fiber Washer (3)
XP-206	Front Hub w/Bushing (Orange)
XP-206-R	Front Hub w/Bushing (Silver)
XP-207	Round Head Cap Screws (4)
XP-208	Distributor Tube Front Collar w/Set Screw
XP-209-1	Inner Drum Cage
XP-210	Drum Connecting Cable
XP-210-A	Connecting Cable Bolt, Nut & Washer
XP-216	Inner Drum Retaining Bolt
XP-217	Drum Retaining Washer
XP-218	Felt Washer
XP-219	High Collar Lock Washer
XP-300	Motor 1/3 hp w/GFCI, Air Foot Switch, & Rev. Switch
XP-300-R	Motor 1/3 hp w/GFCI, Air Foot Switch, & Rev. Switch
XP-302	Belt Guard Retaining Knob
XP-302-A	Washer
XP-303	V-Belt Pulley
XP-303-1	Safety Slip Clutch
XP-304	Motor Support w/Nuts, Bolts & Washers
XP-304-A	Nuts, Bolts & Washers (4)
XP-304-B	Guide Screws (2)
XP-305	Motor Support Spring
XP-306	V-Belt (45")

CAT. NO.	DESCRIPTION
XP-307	Belt Guard
XP-308	Air Switch & Reverse Switch Assembly
XP-308-R	Air Switch & Reverse Switch Assembly
XP-308-A	Box Only w/Cover & Screws
XP-308-B	Foot Pedal & Hose
XP-308-C	Cable Tie
XP-308-D	Foot Pedal Only
XP-308-E	Power Switch Diaphragm
XP-308-F	Air Hose Only
XP-308-G	Reverse Switch (3-Way)
XP-308-G-R	Momentary Contact Reverse Switch (Red)
XP-308-K	Switch Guard
XP-308-N	Strain Relief Nut
XP-309	Motor Guard w/Nylon Strip
XP-309-A	Nylon Strip
GFI-10	Ground Fault Circuit Interrupter w/10' Cord
PO-XP	Complete XP Power Cable Feed
PO-XP-R	Complete XP Power Cable Feed for Rental
PO-MR-101	Power Feed Body
PO-MR-101-A	Spout
PO-MR-102	Lifting Spring
PO-MR-200	Feed Roller Assembly
PO-MR-200-R	Feed Roller Assembly for Rental
PO-MR-210	Carrier Only
PO-MR-210-R	Carrier Only for Rental
PO-MR-220	Swing Pin
PO-MR-220-R	Swing Pin for Rental
PO-MR-225	Feed Roller Shaft
PO-MR-250	Feed Roller
PO-MR-301	Feed Pressure Knob Assembly
PO-MR-315	Outer Pressure Spring
PO-MR-330-1	Washer
PO-MR-510	Bottom Roller Assembly Retaining Snap Ring
PO-MR-530	Thrust Washer
PO-MR-601	Feed control Disc w/Lever & Knob
PO-MR-601-A	Lever & Knob
PO-MR-602	Control Disc Retaining Snap Ring
PO-MR-703	Set of Feed Rollers (3)
PO-MR-800	Feed Mounting Assembly
PO-MR-820	Mini-Rooter Mounting Plate
PO-MR-821	Bolts & Washers (2)
PO-MR-830	Upper Mounting Bar w/Set Screws
PO-MR-831	Set Screws (2)
PO-MR-840-1	Upper Clamp Assembly
PO-MR-841	Upper Clamps
PO-MR-842	Slot Head Screw
PO-MR-843	Carriage Bolt
PO-MR-844	Knob
PO-MR-845	Spring
PO-MR-846	Cone Spring
PO-MR-847	Lock Nut
PO-MR-850-1	Lower Mounting Bar
PO-MR-851	Socket Head Cap Screw & Lock Washers (2)
PO-MR-870	Lower Clamp Assembly
PO-MR-871	Lower Clamps
PO-MR-873	Nuts & Bolts (2)
MR-GT	Guide Tube
XP-DVD	Instructional DVD
XP-DECALS	Set of Safety Decals

MINI-ROOTER



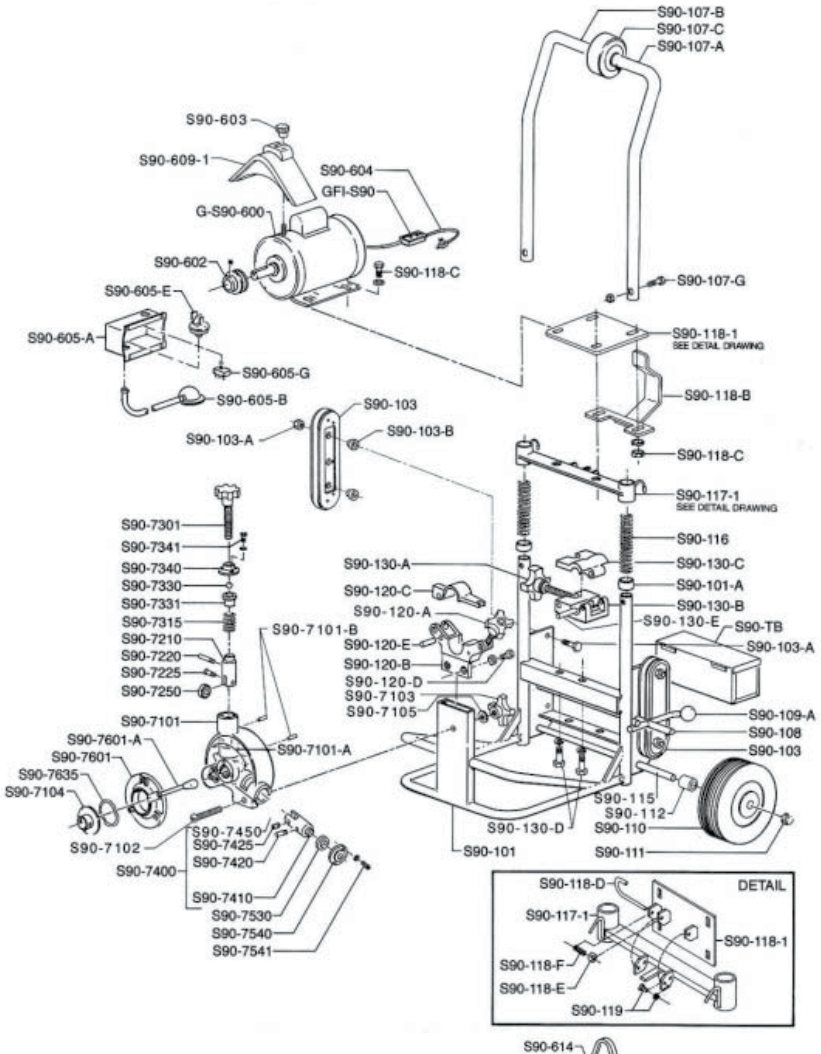
NOTES: _____

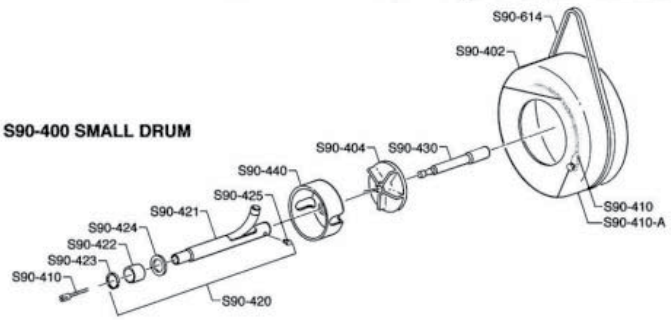
MINI-ROOTER

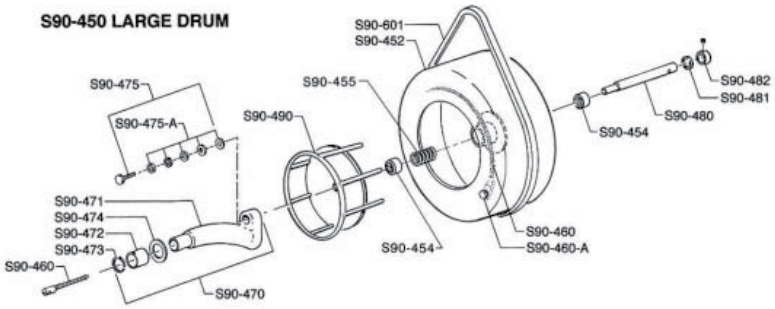
ITEM NO.	CATALOG N	DESCRIPTION
167195	MR-100-1	Complete Frame Assembly
167200	MR-101	Frame Only
167220	MR-102	Rubber Leg Tip (2)
167240	MR-104	Shaft Retaining Pin
167250	MR-104-A	Retaining Pin Spring
167260	MR-104-B	Retaining Pin Collar
167280	MR-105	Shaft Spacer
167300	MR-200	Complete Drum Assembly (Enclosed)
167330	MR-200-O	Complete Drum Assembly (Open)
167310	MR-200-2	Drum w/Inner Drum Cage
167445	MR-201-2	Drum Shell
167350	MR-201-O	Open Drum Cage
167365	MR-201-A-2	Rear Hub Assembly w/Bushing
167470	MR-201-A-3	Rear Hub Assembly for Inner Drum
167410	MR-201-C	Screws & Nuts (5)
167444	MR-201/202-2	Complete Shaft & Hub Assembly
167500	MR-202	Shaft (No Inner Drum Cage)
167505	MR-202-1	Shaft (For Inner Drum Cage)
167510	MR-202-A	Retaining Ring (2)
167520	MR-202-B	Steel Washer
167530	MR-202-C	Felt Washer
167652	MR-203-B	Edging (2)
167673	MR-204	Distributor Tube
167680	MR-204-A	Distributor Tube Rear Collar w/Set Screw
167690	MR-204-B	Distributor Tube Front Collar w/Set Screw
167671	MR-204-2	Distributor Tube Spring & Inner Drum
167692	MR-204-4	Flexitube Distributor Tube Assembly
167710	MR-205	Fiber Washer (2)
167750	MR-206	Front Hub
169263	MR-206-R	Front Hub (Silver)
167770	MR-207	Round Head Cap Screws (4)
167700	MR-209-1	Plastic Inner Drum Cage
167790	MR-210	Drum Connecting Cable w/ Screws & Lock Nut
167795	MR-210-A	Connecting Cable Screws & Lock Nut
167800	MR-215	Distributor Tube & Front Hub Assembly
167801	MR-216	Drum Retaining Bolt
167802	MR-217	Drum Retaining Washer
167803	MR-218	Felt Washer
167804	MR-219	High Collar Lock Washer
167870	MR-250	"J" Drum (for 1/4" & 5/16" Cables)
167872	MR-251-1	Rear Shell
167873	MR-252	Round Head Machine Screw & Nut (2)
167890	MR-255-1	Front Drum Assembly for Collet Chuck
167880	MR-255-2	Front Drum Assembly for Quick Grip Chuck
167901	MR-255-A-1	Spout Assembly for Collet Chuck
167902	MR-255-A-2	Spout Assembly for Quick Grip Chuck
167905	MR-255-B	Bushing
167910	MR-257	Shaft for "J" Drum
167930	MR-260-1	Collet Chuck Assembly
167920	MR-260-2	Quick Grip Chuck Knob and Tightening Handle
167903	MR-260-A	Quick Grip Chuck Grippers (3)
167904	MR-260-B	Retaining Ring

ITEM NO.	CATALOG N	DESCRIPTION
167960	MR-280	Dual Drum Assembly (for 1/4", 5/16", & 3/8" Cables)
167931	MR-281	Container Front
167932	MR-281-A	Screws & Nuts (4)
167933	MR-282	Container Back
167934	MR-283	Chucking Assembly
167935	MR-283-A	Chuck Body
164936	MR-283-B	Knurled Knob
167937	MR-283-C	Spring
167938	MR-283-D	Screw
167939	MR-284	Hub w/Bushing (MR-201-A-2)
167941	MR-284-A	Nuts & Bolts (5)
167943	MR-285	Washer
167944	MR-286	Shaft w/Snap Rings & Washers
167945	MR-286-A	Snap Rings (2)
167946	MR-286-B	Steel Washer
167947	MR-286-C	Felt Washer
167966	MR-287	Collar w/Set Screw
167968	MR-291	Internal Container Front
167971	MR-292-A	Nuts, Lockwashers & Thumb Nuts (4)
167972	MR-293	Beveled Collar
167970	MR-300	Motor 1/3 hp w/GFCI, Foot Switch & Rev. Switch
167975	A-MR-300	Motor w/Slip Clutch, GFCI, Foot Switch & Reverse Switch
136010	GFI-10	10' Cord w/GFCI
168005	MR-301-B	Belt Guard Knob
167060	MR-301-C	Washer
168015	MR-301-D	Stud Replacement
168270	MR-303	V-Belt Pulley
136180	MR-303-1	Safety Clutch
168281	MR-304-1	Motor Support w/Bolts, Nuts, & Washers
168285	MR-304-A	Guide Screws (2)
167050	MR-304-C	Nuts, Bolts, & Washers (4)
168290	MR-305	Motor Support Spring
136200	MR-306	V-Belt (45")
168328	MR-307-2	Belt Guard w/Slot for Mounting Stud
168330	MR-308	Foot Switch & Reverse Switch Assembly
168331	MR-308-R	Foot Switch & Momentary Contact Rev. Switch Assy.
168340	MR-308-A	Box Only w/Cover & Screws
136070	MR-308-B	Foot Pedal & Hose
168360	MR-308-C	Hose Clamp (2)
136060	MR-308-D	Foot Pedal Only
136080	MR-308-E	Power Switch Diaphragm
136050	MR-308-F	Air Hose
136130	MR-308-G	Reverse Switch (3-Way)
136210	MR-308-G-R	Momentary Contact Reverse Switch (Red)
168403	MR-308-G-R-1	Momentary Contact Reverse Switch (Red)
168410	MR-308-H	Rubber Boot (Open Cage Units Only)
169450	MR-308-K	Switch Guard
156395	MR-308-N	Strain Relief Nut
132210	MR-DECAL	Set of Safety Decals
132320	MR-DVD	Instructional DVD
168690	PO-MR	Mini-Rooter Power Cable Feed
168435	MR-GT	Guide Tube
160845	EM3R8	Adapter
166305	ERHOI	Condensed Operating Instructions (Instructions w/Chain & Fittings, Connector, & Screw
168455	MROI	Complete Operating Instructions

SPEEDROOTER 90







SPEEDROOTER 90

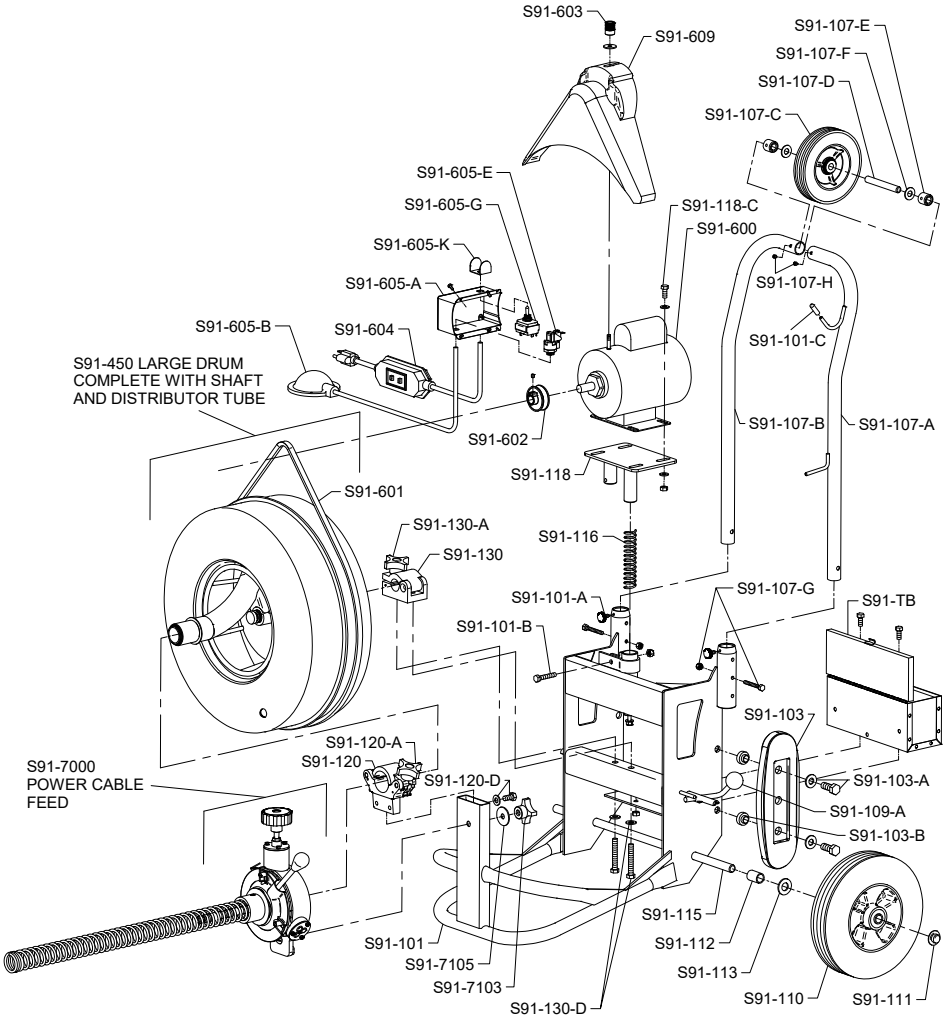
NOTE: PARTS FOR THE SPEEDROOTER 90 WILL NOT INTERCHANGE WITH PARTS FOR THE OLD-STYLE SPEEDROOTER.

CATALOG NO.	DESCRIPTION
S90-100	Frame Complete
S90-101	Frame Only with Axle
S90-101-A	Spring Support Collar (2)
S90-103	Stair Climber with Belt (1)
S90-103-A	Nuts & Bolts for Stair Climber (2)
S90-103-B	Spacer for Stair Climber (2)
S90-107	Plated Handle Assembly
S90-107-A	Handle - Left
S90-107-B	Handle - Right
S90-107-C	5" Handle Wheel
S90-107-D	Axle for Handle Wheel
S90-107-E	Bushings for Handle Wheel (2)
S90-107-F	Felt Washers (2)
S90-107-G	Bolt and Nut (2)
S90-107-H	Set Screws (2)
S90-108	Brake Rod
S90-108-A	Roll Pin
S90-109	Brake Rod Handle with Knob
S90-109-A	Knob for Brake Rod Handle
S90-109-B	Roll Pin
S90-109-C	Brake Rod Latch with Screws
S90-110	10" Wheel with Retaining Cap (1)
S90-111	Wheel Retaining Cap (2)
S90-112	Wheel Spacer Washers (2)
S90-115	Axle
S90-116	Motor Support Springs (2)
S90-117	Motor Support Slide Platform (Through Serial #S7A0198)
S90-117-1	Motor Support Slide Platform (Serial #S7A0199 & Over)
S90-117-2	Motor Support Slide Platform for 3/4 hp Motors
S90-118	Motor Mounting Plate (Through Serial #S7A0198)
S90-118-1	Motor Mounting Plate (Serial #S7A0199 & Over)
S90-118-A	Belt Guard Ret. Bracket **Disc.**
S90-118-B	Rear Motor Bumper
S90-118-C	Nuts, Bolts, and Washers (4)
S90-118-D	Motor Mount Retaining Pin
S90-118-E	Collar
S90-118-F	Spring
S90-119	Nuts & Bolts (2)
S90-120	Front Bearing Assembly
S90-120-A	Front Bearing Knob
S90-120-B	Bearing Base
S90-120-C	Bearing Cap
S90-120-D	Mounting Bolts and Washers (2)
S90-120-E	Hinge Pin
S90-130	Rear Drum Shaft Clamp
S90-130-A	Drum Clamp Knob
S90-130-B	Drum Clamp Base
S90-130-C	Drum Clamp Cap
S90-130-D	Mounting Bolts (2)
S90-130-E	Hinge Pin
S90-150	Hinged Motor Mount Modification Kit (Includes S90-117-1, 118-1, 119)
S90-400	Small Drum Complete with Shaft and Distributor Tube (15")
S90-402	Drum Shell
S90-404	Drum Hub with Bearings
S90-404-A	Bushings (2)
S90-410	Drum Connecting Cable (for 1/2" cables)
S90-410-A	Nut, Bolt, & Washer
S90-420	Small Drum Distributor Tube Assembly
S90-421	Distributor Tube Only
S90-422	Bushing
S90-423	Retaining Ring
S90-424	Thrust Bearing Race
S90-425	Distributor Tube Retaining Bolt
S90-430	Drum Shaft
S90-440	Inner Drum Cage
S90-440-A	Bushing
S90-450	Large Drum Complete with Shaft & Distributor Tube (18")
S90-452	Drum Shell
S90-454	Drum Hub Bearings (2)
S90-455	Bearing Spring
S90-460	Drum Connecting Cable (for 5/8" and 3/4" cables)
S90-460-A	Nut, Bolt, & Washer
S90-470	Drum Distributor Tube Assembly
S90-471	Distributor Tube Only
S90-472	Bushing
S90-473	Retaining Ring
S90-474	Thrust Bearing Race
S90-475	Distributor Tube Retaining Knob with Bearing Assembly
S90-475-A	Bearing Assembly for Retaining Knob
S90-480	Drum Shaft
S90-481	Wear Washer
S90-482	Spacer Collar with Set Screw
S90-490	Inner Drum Cage
S90-490-A	Bushing
S90-600	1/2 hp Motor Comp. with Air Foot Switch, Reverse Switch, & GFI
S90-600-3/4	3/4 hp Motor Comp. with Air Foot Switch, Reverse Switch, & GFI
S90-601	V-Belt (64")
S90-602	V-Belt Pulley
S90-602-1	Slip Clutch (Optional)
S90-603	Knob for Mounting Stud
S90-604	20 ft. Power Cord with Ground Fault Interrupter
S90-605	Air Foot Switch and Reverse Switch Assembly
S90-605-A	Box Only with Cover & Screws
S90-605-B	Foot Pedal and Hose
S90-605-C	Cable Tie
S90-605-D	Foot Pedal Only
S90-605-E	Power Switch Diaphragm
S90-605-F	Air Hose
S90-605-G	Reverse Switch - 3-Way
S90-605-J	Barbed Adapter
S90-605-N	Strain Relief Nut
S90-609-1-1/2	Belt Guard (1/2 hp) with Slot
S90-609-1-3/4	Belt Guard (3/4 hp) with Slot
S90-614	Small Drum V-Belt (57")

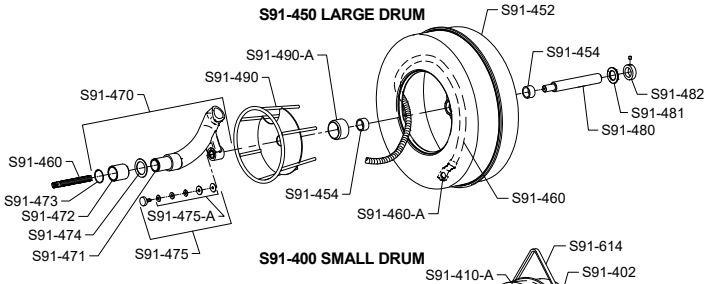
SPEEDROOTER 90 POWER CABLE FEED

PO-S90/GT	Speedrooter 90 Power Cable Feed and Guide Tube
S90-7101	Feed Body
S90-7101-A	Lifting Spring
S90-7101-B	Guide Pins (2)
S90-7102	Mounting Stud
S90-7103	Mounting Knob
S90-7104	Spout and Retaining Cover
S90-7105	Steel Washer
S90-7200	Top Roller Assembly
S90-7210	Top Carrier Only
S90-7220	Swing Pin
S90-7225	Feed Roller Shaft
S90-7250	Feed Roller with Bearing
S90-7301	Feed Pressure Knob
S90-7301-A	Limiting Nut
S90-7315	Pressure Spring
S90-7330	Ball Bearing
S90-7331	Ball Bearing Holder
S90-7340	Top Cover
S90-7341	Cover Screws and Washers (3)
S90-7400	Bottom Roller Assembly
S90-7410	Bottom Carrier Only
S90-7420	Swing Pin
S90-7425	Bottom Roller Shaft
S90-7450	Bottom Roller with Bearing
S90-7530	Thrust Bearing
S90-7540	Cable Adjustment Plate
S90-7541	Plate Screws and Washers (3)
S90-7601	Feed Control Disc with Lever and Knob
S90-7601-A	Lever and Knob
S90-7635	Wave Washer
S90-7703	Set of Feed Rollers (3)
S90-TB	Tool Box
S90-GT	Guide Tube for Speedrooter 90
GTE	Guide Tube Extension
S90-DECAL	Set of Safety Decals

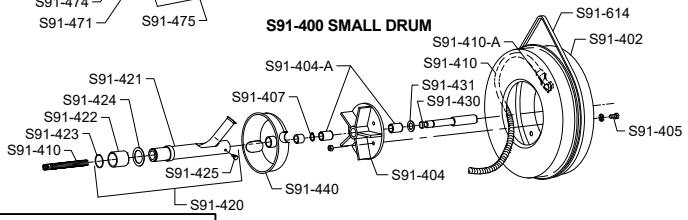
SPEEDROOTER 9



S91-450 LARGE DRUM

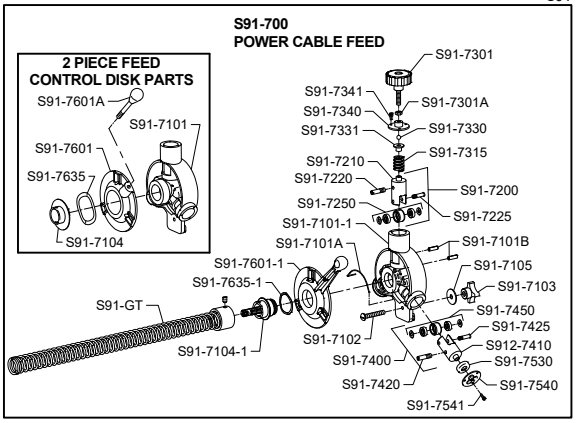


S91-400 SMALL DRUM



S91-700
POWER CABLE FEED

2 PIECE FEED CONTROL DISK PARTS

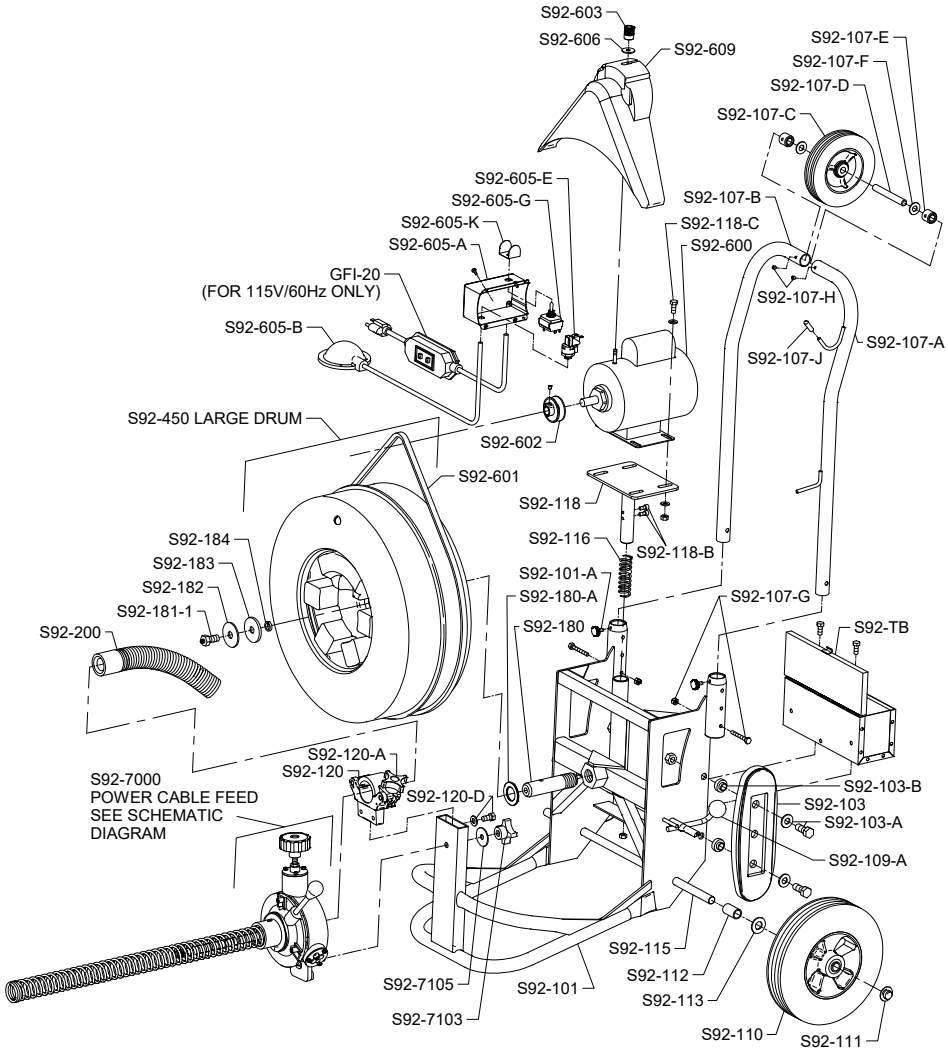


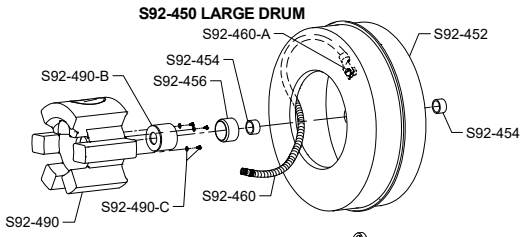
SPEEDROOTER 91

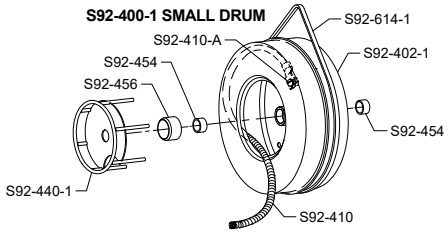
ITEM NO.	CATALOG NO.	DESCRIPTION
156015	S91-100	Frame Complete
156025	S91-101	Fame Only w/Axle
156036	S91-101-A	Handle Support Knob (2)
156037	S91-101-B	Motor Support Bolt, Nut, & Washer
156038	S91-101-C	Cord Wrap Cap (2)
156045	S91-103	Stair Climber w/Belt (1)
156050	S91-103-A	Nuts, Bolt, & Washers (2)
156055	S91-103-B	Spacers (2)
156061	S91-107	Plated Handle Assembly
156066	S91-107-A	Handle - Left
156067	S91-107-B	Handle - Right
156075	S91-107-C	6" Handle Wheel
156080	S91-107-D	Axle for Handle Wheel
156085	S91-107-E	Bushings (2)
156090	S91-107-F	Felt Washers (2)
156100	S91-107-G	Bolts & Nuts (2)
156105	S91-107-H	Set Screws (2)
156125	S91-109-A	Knob for Brake Rod
156130	S91-109-C	Brake Rod Latch w/Screws
156135	S91-110	10" Wheel w/Retaining Cap (1)
156140	S91-111	Wheel Retaining Cap (2)
156145	S91-112	Wheel Spacer Washers (2)
156150	S91-115	Axle
156160	S91-116	Motor Support Spring
156152	S91-118	Motor Support Platform
156168	S91-118-C	Nuts, Bolt, & Washers (4)
156170	S91-120	Front Bearing Assembly
156174	S91-120-A	Front Bearing Knob
156183	S91-120-D	Bolts, Nuts, & Washers (2)
156189	S91-130	Rear Drum Shaft Clamp
156192	S91-130-A	Drum Clamp Knob
156201	S91-130-D	Mounting Bolts & Washers (2)
156001	S91-400	Small Drum Complete w/Shaft & Distributor Tube (15")
156210	S91-402	Drum Shell
156210	S91-404	Drum Hub w/Bearing
156215	S91-404-A	Bushings (2)
153705	S91-405	Nuts, Bolts, & Washers (5)
153216	S91-407	Shaft Washer
156219	S91-410	Drum Connecting Cable (for 1/2" Cables) w/ Nut, Screws, & Lock Washer
156222	S91-410-A	Connecting Cable Nut, Screws, & Lock Washer
156225	S91-420	Small Drum Distributor Tube Assembly
156230	S91-421	Distributor Tube Only
156231	S91-422	Bushing
156234	S91-423	Retaining Ring
156237	S91-424	Thrust Bearing Race
156240	S91-425	Distributor Tube Retaining Bolt
156245	S91-430	Drum Shaft
156247	S91-431	Shaft Washer
156246	S91-440	Inner Drum Cage
156250	S91-440-A	Bushing
154390	S91-614	Small Drum V-Belt (57")
156003	S91-450	Large Drum Complete w/Shaft & Distributor Tube (18")
156256	S91-452	Drum Shell
156258	S91-454	Drum Hub Bearings (2)
156300	S91-490-A	Bushing
156259	S91-455	Bearing Spring
156261	S91-460	Drum Connecting Cable (for 5/8" & 3/4" Cables) w/ Nut, Screws, & Lock Washer
156264	S91-460-A	Connecting Cable Nut, Screws, & Lock Washer
156267	S91-470	Drum Distributor Tube Assembly
156270	S91-471	Distributor Tube Only
156273	S91-472	Bushing
156276	S91-473	Retaining Ring
156279	S91-474	Thrust Bearing Race
156282	S91-475	Distributor Tube Retaining Knob w/Bearing Assembly
156285	S91-475-A	Bearing Assembly for Retaining Knob

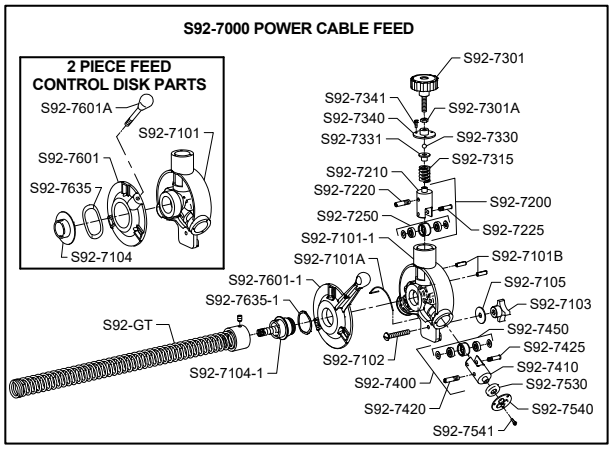
ITEM NO.	CATALOG NO.	DESCRIPTION
156290	S91-480	Drum Shaft
156291	S91-481	Wear Washer
156295	S91-482	Spacer Collar w/Set Screw
156297	S91-490	Inner Drum Cage
154248	S91-600	1/2 hp Motor w/Air Foot Switch, Rev. Switch, GFCI
154257	S91-600-3/4	3/4 hp Motor w/Air Foot Switch, Rev. Switch, GFCI
156312	S91-602	V-Belt Pulley
156315	S91-602-1	Slip Clutch (Optional)
136000	GFI-20	20 ft. Power Cord w/GFCI
156330	S91-605	Air Foot Switch & Reverse Switch Assembly
154326	S91-605-A	Box Only w/Cover & Screws
136070	S91-605-B	Foot Pedal & Hose
154328	S91-605-C	Cable Tie
136080	S91-605-E	Power Switch Diaphragm
136130	S91-605-G	Reverse Switch - 3-Way
168410	S91-605-H	Rubber Boot (Rental)
156395	S91-605-N	Strain Relief Nut
156320	S91-603	Knob for Belt Guard
156344	S91-609-1/2	Belt Guard (1/2 hp) w/Slot
156345	S91-605-3/4	Belt Guard (3/4 hp) w/Slot
156309	S91-601	V-Belt (64")
170940	S91-7000	Power Cable Feed Assembly
156350	S91-7101	Feed Body
156355	S91-7101-1	Feed Body for One Piece Feed Control Disk
156360	S91-7101-A	Lifting Spring
156363	S91-7101-B	Guide Pins (2)
155012	S91-7102	Mounting Stud
156370	S91-7103	Mounting Knob
155020	S91-7104	Spout & Retaining Cover
155021	S91-7104-1	Spout for One Piece Feed Control Disk
156380	S91-7105	Steel Washer
155026	S91-7200	Top Roller Assembly
155031	S91-7210	Top Carrier Only
155036	S91-7220	Swing Pin
155041	S91-7225	Feed Roller Shaft
136120	S91-7250	Feed Roller w/Bearing
155060	S91-7301	Feed Pressure Knob
155062	S91-7301-A	Limiting Nut
155066	S91-7315	Pressure Spring
155070	S91-7330	Ball Bearing
155076	S91-7331	Ball Bearing Holder
155080	S91-7340	Top Cover
155085	S91-7341	Cover Screws (3)
155091	S91-7400	Bottom Roller Assembly
155096	S91-7410	Bottom Carrier Only
155100	S91-7420	Swing Pin
155106	S91-7425	Bottom Roller Shaft
136120	S91-7450	Bottom Roller w/Bearing
155130	S91-7530	Thrust Bearing
155135	S91-7540	Cable Adjustment Plate
155140	S91-7541	Plate Screws (3)
155145	S91-7601	Feed Control Disc w/Lever & Knob
155182	S91-7601-A	Lever & Knob
155150	S91-7601-1	Feed Control Disk (One Piece)
155190	S91-7635	Wave Washer
155190	S91-7635-1	Wave Washer for One Piece Feed Control Disk
136110	S91-7703	Set of Feed Rollers (3)
156008	S91-TB	Tool Box
156006	S91-GT	Guide Tube for Speedrooter 91
146160	GTE	Guide Tube Extension
132210	S91-DECAL	Set of Safety Decals
132375	S91-DVD	Instructional DVD

SPEEDROOTER 92





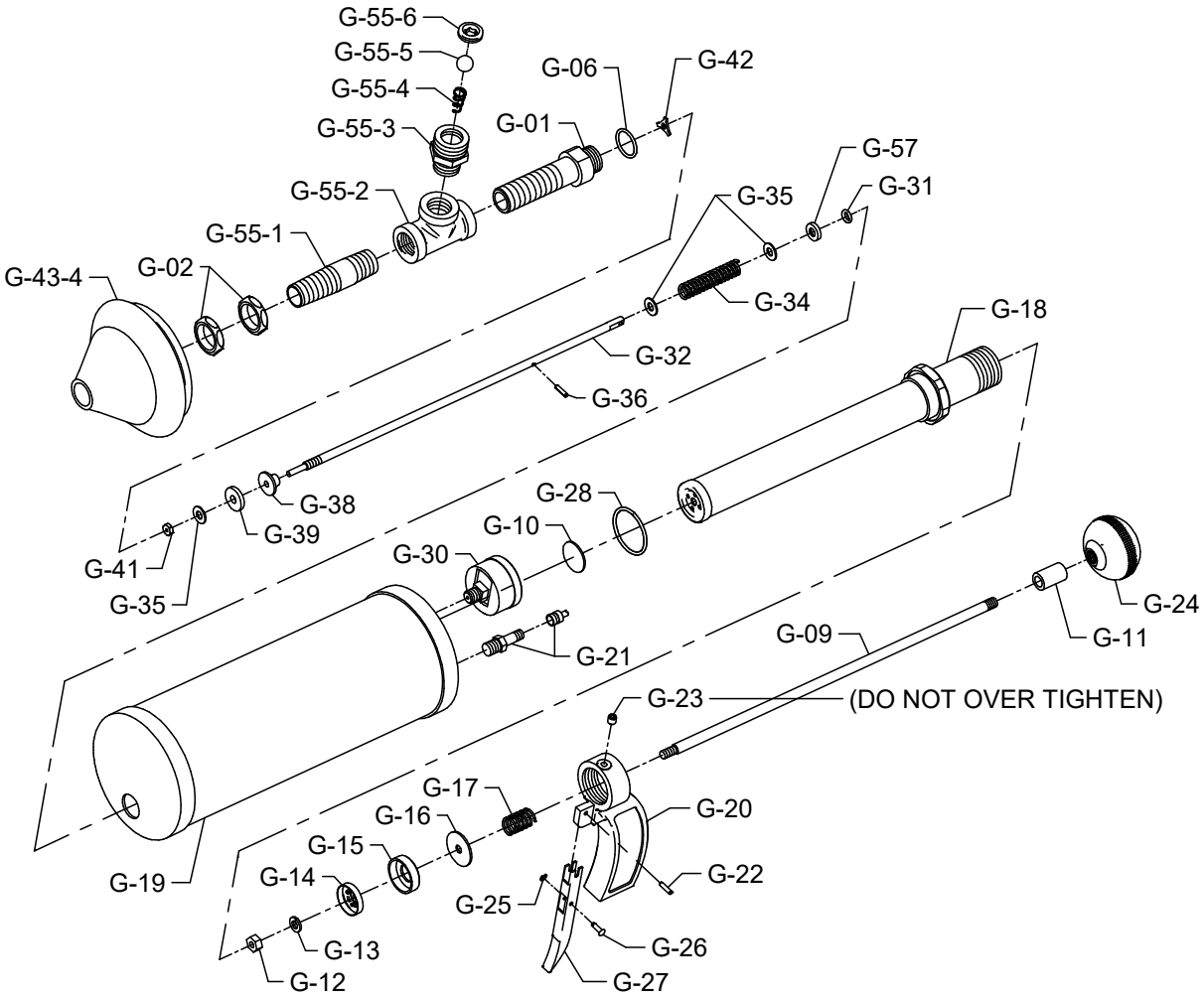




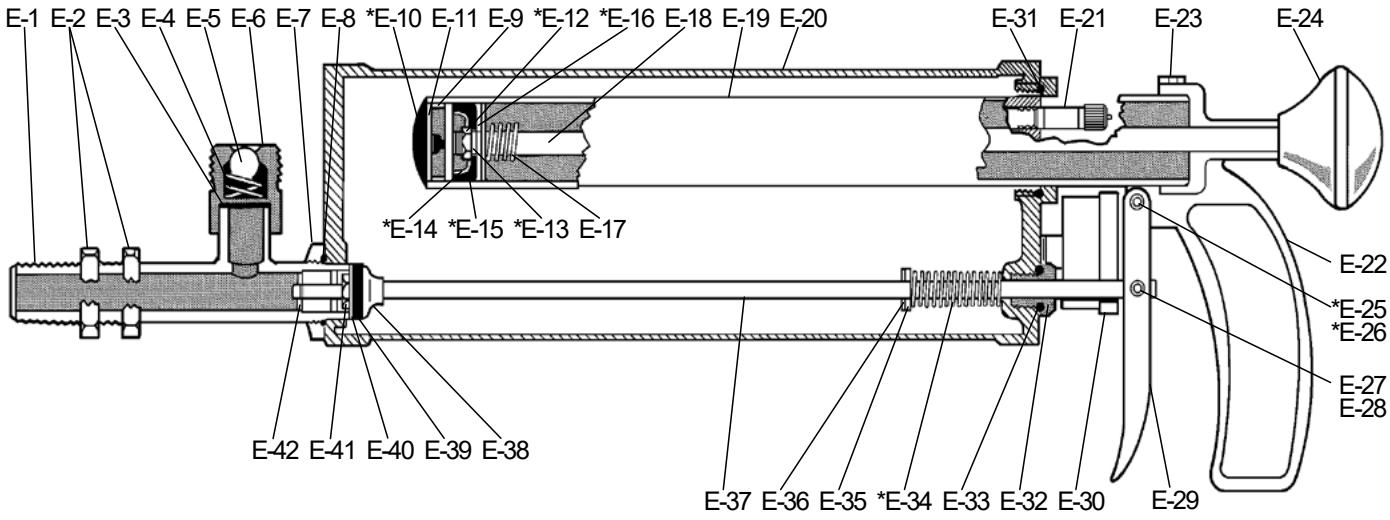
SPEEDROOTER 92

ITEM NO.	CATALOG NO.	DESCRIPTION
170645	S92-100	Frame Complete w/Axle
170655	S92-101	Frame Only w/Axle
156036	S92-101-A	Handle Support Knob (2)
156045	S92-103	Stair Climber w/Belt (1)
156050	S92-103-A	Nuts, Bolt, & Washers (2)
156055	S92-103-B	Spacers (2)
156061	S92-107	Handle Assembly
156066	S92-107-A	Handle - Left
156067	S92-107-B	Handle - Right
156075	S92-107-C	6" Handle Wheel
156080	S92-107-D	Axle for Handle Wheel
156085	S92-107-E	Bushings (2)
156090	S92-107-F	Felt Washers (2)
156100	S92-107-G	Bolts & Nuts (2)
156105	S92-107-H	Set Screws (2)
170730	S92-107-J	Rubber Cord Wrap Tip
156125	S92-109-A	Knob for Brake Rod
156130	S92-109-C	Brake Rod Latch w/Screws
156135	S92-110	10" Wheel w/Retaining Cap (1)
156140	S92-111	Wheel Retaining Cap (2)
156145	S92-112	Axle Spacer (2)
170740	S92-113	Wheel Spacer Washers
156150	S92-115	Axle
170750	S92-116	Motor Support Spring
170760	S92-118	Motor Support Platform
170770	S92-118-B	Guide Screws (2)
156168	S92-118-C	Nuts, Bolt, & Washers (4)
156170	S92-120	Front Bearing Assembly
156174	S92-120-A	Front Bearing Knob
156183	S92-120-D	Bolts, Nuts, & Washers (2)
170780	S92-180	Drum Shaft
170790	S92-180-A	Wear Washer
170800	S92-181-1	Drum Shaft Retaining Bolt w/Grease Fitting
170810	S92-182	Retaining Washer
170820	S92-183	Felt Washer
170823	S92-184	High Collar Lock Washer
170630	S92-200	Spring Distributor Tube
170600	S92-400-1	Small Drum Complete (16")
170960	S92-402-1	Drum Shell (16")
156219	S92-410	Drum Connecting Cable (for 1/2" Cables) w/ Nut, Screws, & Lock Washer
156222	S92-410-A	Connecting Cable Nut, Screws, & Lock Washer
170970	S92-440	Inner Drum Cage for 15" Small Drum
166600	S92-440-1	Inner Drum Cage for 16" Small Drum
154390	S92-614	Small Drum (15") V-Belt (57")
154395	S92-614-1	Small Drum (16") V-Belt (59")
170610	S92-450	Large Drum Complete
170980	S92-452	Drum Shell
170840	S92-454	Drum Hub Bearings (2)
170880	S92-456	Bushing
170850	S92-460	Drum Connecting Cable (for 5/8" & 3/4" Cables) w/ Nut, Screws, & Lock Washer
156264	S92-460-A	Connecting Cable Nut, Screws, & Lock Washer
170870	S92-490	Inner Drum Cage for Large Drum
170873	S92-490-B	Inner Drum Cage Bushing
170874	S92-490-C	Screws & Washers (6)
154248	S92-600	1/2 hp Motor Complete w/Air Foot Switch, Reverse Switch, & GFCI
154257	S92-600-3/4	3/4 hp Motor Complete w/Air Foot Switch, Reverse Switch, & GFCI
156312	S92-602	V-Belt Pulley
156315	S92-602-2	Slip Clutch (Optional)
156320	S92-603	Knob for Belt Guard
136000	GFI-20	20 ft. Power Cord w/GFCI
156330	S92-605	Air Foot Switch & Reverse Switch Assemb
154326	S92-605-A	Box Only w/Cover & Screws
136070	S92-605-B	Foot Pedal & Hose
154328	S92-605-C	Hose Clamp
136080	S92-605-E	Power Switch Diaphragm
136130	S92-605-G	Reverse Switch - 3-Way
170920	S92-605-K	Switch Guard
156395	S92-605-N	Strain Relief Nut
156335	S92-606	Belt Guard Washer
156344	S92-609-1/2	Belt Guard (1/2 hp) w/Slot
170935	S92-605-3/4	Belt Guard (3/4 hp) w/Slot
156309	S92-601	V-Belt (64")
170940	S92-7000	Power Cable Feed Assembly
156350	S92-7101	Feed Body
156355	S92-7101-1	Feed Body for One Piece Feed Control Disk
156360	S92-7101-A	Lifting Spring
156363	S92-7101-B	Guide Pins (2)
155012	S92-7102	Mounting Stud
156370	S92-7103	Mounting Knob
155020	S92-7104	Spout & Retaining Cover
155021	S92-7104-1	Spout for One Piece Feed Control Disk
156380	S92-7105	Steel Washer
155026	S92-7200	Top Roller Assembly
155031	S92-7210	Top Carrier Only
155036	S92-7220	Swing Pin
155041	S92-7225	Feed Roller Shaft
136120	S92-7250	Feed Roller w/Bearing
155060	S92-7301	Feed Pressure Knob
155062	S92-7301-A	Limiting Nut
155066	S92-7315	Pressure Spring
155070	S92-7330	Ball Bearing
155076	S92-7331	Ball Bearing Holder
155080	S92-7340	Top Cover
155085	S92-7341	Cover Screws (3)
155091	S92-7400	Bottom Roller Assembly
155096	S92-7410	Bottom Carrier Only
155100	S92-7420	Swing Pin
155106	S92-7425	Bottom Roller Shaft
136120	S92-7450	Bottom Roller w/Bearing
155130	S92-7530	Thrust Bearing
155135	S92-7540	Cable Adjustment Plate
155140	S92-7541	Plate Screws (3)
155145	S92-7601	Feed Control Disc w/Lever & Knob
155182	S92-7601-A	Lever & Knob
155150	S92-7601-1	Feed Control Disk (One Piece)
155190	S92-7635	Wave Washer
155195	S92-7635-1	Wave Washer for One Piece Feed Control Disk
136110	PO-703	Set of Feed Rollers (3)
156008	S92-TB	Tool Box w/Bolts & Nuts
156006	S92-GT	Guide Tube
146160	GTE	Guide Tube Extension
132210	S92-DECAL	Set of Safety Decals
132375	S92-DVD	Instructional DVD

MODEL-G



MODEL-E



KINETIC WATER RAM

ITEM NO.		CATALOG NO.	DESCRIPTION - MODEL "G"
143015		G-01	Shank
143020		G-02	Locknut
143025		G-03	Cap Screw
143045		G-04	Sealing Washer
142055		G-05	Locknut
142065	*	G-06	O-Ring
143075		G-07	Solder Ring
143085		G-08	Pump Bottom Cap
143095		G-09	Pump Shaft
143100	*	G-10	Valve Seat Washer
143115		G-11	Spacer
143120	*	G-12	1/4" x 20 Hex Nut
143130	*	G-13	1/4" Lock Washer
143140	*	G-14	Cup Spreader
143150	*	G-15	Leather Cup
143160		G-16	Washer
143170		G-17	Pump Shaft Spring
143185		G-18	Air Pump Cylinder & Nut
143195		G-19	Air Chamber Cylinder
143205		G-20	Handle
143210		G-21	Schrader Valve
143225		G-22	Roll Pin
143230		G-23	Set Screw
143240		G-24	Ball Handle
143250	*	G-25	"E" Ring
143260	*	G-26	Trigger Pin
143275		G-27	Trigger
143285	*	G-28	O-Ring
143295		G-29	Guide
143300		G-30	Pressure Gauge
143315	*	G-31	O-Ring
143325		G-32	Lifter Rod Connector
143340	*	G-34	Spring
143350		G-35	Flat Washer
143360		G-36	Roll Pin
143380		G-38	Bell Shaped Nut
143390	*	G-39	Seat Washer
143410		G-41	1/4" x 28 Fin Nut
143420		G-42	Lifter Rod Guide - Discontinued
143550		G-55	Check Valve Assembly
143500		G-55-1	Check Valve Shank
143510		G-55-2	Check Valve 1/2" Tee
143520		G-55-3	Check Valve Adapter
143040		G-55-4	Check Valve Spring
143530		G-55-5	Check Valve Ball
143540		G-55-6	Check Valve Insert
143555		G-57	O-Ring Retainer Washer
143560		G-CVK	Check Valve Assembly Kit (Incl. G-45, G-46, G-55)

ITEM NO.		CATALOG NO.	DESCRIPTION - MODEL "E"
143015		E-1	Shank
143020		E-2	Locknut (2)
143030		E-3	Water Inlet Check Valve Gasket
143040		E-4	Water Inlet Check Valve Spring
143050		E-5	Water Inlet Check Valve Ball
143060		E-6	Water Inlet Check Vavle Body
143070		E-7	Locknut
143080	*	E-8	O-Ring
143090		E-9	Solder Ring (Obsolete)
143100	*	E-10	Valve Seat Washer
143110		E-11	Pump Bottom Cap
143120	*	E-12	1/4" x 20 Hex Nut
143130	*	E-13	1/4" Lock Washer
143140	*	E-14	Cup Spreader
143150	*	E-15	Leather Cup
143160	*	E-16	Washer
143170		E-17	Pump Shaft Spring
143180		E-18	Pump Shaft & Spacer
143190		E-19	Air Pump Cylinder & Nut
143200		E-20	Air Chamber Cylinder (Obsolete)
143210		E-21	Schrader Valve
143220		E-22	Handle
143230		E-23	Set Screw
143240		E-24	Ball Handle
143250	*	E-25	"E" Ring
143260	*	E-26	Trigger Pin
143270		E-27	Trigger Pin
143280		E-28	"E" Ring
143300		E-30	Pressure Gauge
143310		E-31	O-Ring
143320		E-32	Guide
143330		E-33	O-Ring
143340		E-34	Spring
143350		E-35	Flat Washer
143360		E-36	Roll Pin
143370		E-37	Lifter Rod (Obsolete)
143380		E-38	Bell Shaped Nut
143390		E-39	Seat Washer
143400		E-40	Flat Washer
143410		E-41	1/4" x 28 Fin Nut

*These parts, plus Neat's foot Oil, are included in KR-RK Ram Repair Kit.

132370	KR-DVD	Instructional DVD (for both "E" and "G" Rams)

ACCESSORIES (Use prefix "G" or "E" as indicated depending on model)

143430	G- or E-43-4	4" Rubber Cone
143440	G- or E-43-6	6" Rubber Cone
143450	G- or E-44	Caulking Hose
143460	G-or E-45	Supply Hose
143470	G- or E-46	Universal Faucet Adapter
143490	G- or E-48	Set of 5 Drain Adapters
143494	G-or E-49/50	Threaded Faucet Adapter
142700	G- or E-52	Extension Hose

143496	KR-RK	Ram Repair Kit
142010	KR-CA	Toilet Attachment
142000	KR-CC	Carrying Case
142020	1-1/2EX	1-1/2" Expansion Plug
142030	2EX	2" Expansion Plug
142040	3EX	3" Expansion Plug
142050	4EX	4" Expansion Plug

NOTES: _____

SECTION 7

TOILET/URINAL REPAIR







ATLANTIC COASTAL SUPPLY INC.

SEALS AND GASKETS



100023
OATEY JUMBO WAX SEAL UNIVERSAL FOR 3" OR 4" WASTE LINE W/ HORN



100372
OATEY URETHANE BOWL RING FOR BACK OUTLET TOILETS FOR 3" & 4" WASTE LINES



100025
OATEY UNIVERSAL WAX SEAL STANDARD SIZE W/ PLASTIC HORN FOR 3" & 4" WASTE LINES



200673
HARVEY NO SEEP NO. 4 GASKET W/ URETHANE & SLEEVE



100030
OATEY HEAVY DUTY WAX BOWL RING FOR 3" & 4" WASTE LINES



100370
OATEY WAX RING FOR URINAL 2" DIAMETER FOR 3" & 4" WASTE LINES



100387
OATEY JUMBO WAX SEAL UNIVERSAL FOR 3" OR 4" WASTE LINE W/O HORN



100839
HARVEY NO SEEP NO. 3 GASKET W/ URETHANE & SLEEVE



100704
HARVEY NO SEEP NO. 10 GASKET W/ URETHANE & SLEEVE



920375
ZURN WALL HUNG GASKET / NEO SEAL



407745
3/4" CLOSET BOWL SPONGE GASKET EXTRA WIDE



407139
WALL HUNG URINAL GASKET WAX IMPREGNATED



100888
OATEY 3' OR 4" STAINLESS STEEL CLOSET FLANGE



400182
JRS SPONGE WALL HUNG GASKET

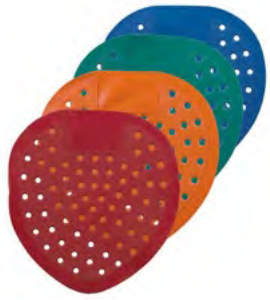


404578
WAX FREE TOILET SEAL FOR 4" DRAINS



404577
WAX FREE TOILET SEAL FOR 3" DRAINS

FLANGES



940555
DEOD-O-SCREEN FOR URINAL
PINE SCENTED



100036
SPANNER FLANGE
REPAIR KIT



942011H
SHIM FOR TOILET -
WHITE HARD PLASTIC



942011S
SHIM FOR TOILET-
WHITE PVC SOFT



100902
PVC OFFSET CLOSET
FLANGE W/ ADJUSTABLE
METAL RING SCHEDULE 40



406840
PVC CLOSET FLANGE 4 X 3
HUB FITS 3" OR 4" WASTE LINES



404794
OATEY PVC CLOSET FLANGE W/
PLASTIC RING



406290
OATEY PVC CLOSET FLANGE W/
METAL RING W/O TEST CAP FOR
3" & 4" WASTE LINES



001063
4 X 3 PVC PLASTIC TWO FINGER
CLOSET FLANGE



100157
3 X 3 PVC PUSH'N REPAIR
CLOSET FLANGE



404796
OATEY 4" TWIST-N-SET CLOSET
FLANGE



100355
4" PVC PUSH-IN REPAIR FLANGE
3-BOLT COMPRESSION



100861
OATEY 3" PVC CLOSET
FLANGE W/ PLASTIC RING &
TEST CAP



100855
DURABLE ABS CLOSET
FLANGE EXTENSION
1/4" THICK



408245
2" PVC RADIAL FIT URINAL
FLANGE KIT W/ SOCKET
CONNECTION ADJ 4" TO 6"



408200
2" PVC RADIAL FIT URINAL
FLANGE KIT W/ SPIGOT
CONNECTION ADJ 4" TO 6"

FLANGES AND SEALS



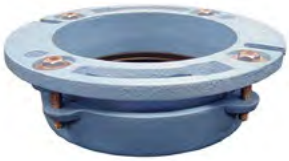
100815
PLASTIC FLANGE SUPPORT FOR WOOD FLOORS (CARDED)

100820
CAST IRON FLANGE SUPPORT FOR WOOD FLOORS (CARDED)



100895
OATEY 3" CAST IRON FLANGE W/O TEST CAP

100880
OATEY 4" CAST IRON FLANGE W/O TEST CAP



100056
CODE BLUE 4"PIPE X 3"DEPTH CLOSET FLANGE W/O TEST CAP

100896
CODE BLUE 4"PIPE X 4"DEPTH CLOSET FLANGE W/O TEST CAP



100055
ZINC-PLATED SPANNER FLANGE FOR CLOSET FLANGE REPAIR



942543
BIG FOOT IV WALL HUNG TOILET STABLIZER SEAL PAD GASKET W/ ALIGNMENT DONUTS



942541
BIG FOOT II WALL HUNG TOILET STABLIZER SEAL PAD GASKET W/ ALIGNMENT DONUTS

WASHERS AND BOLTS



100268
ROUND STAINLESS STEEL CLOSET BOLT WASHER



100265
OVAL STAINLESS STEEL CLOSET BOLT WASHER



100080
TOILET TANK-TO-BOWL BOLT PAIR ROUND HEAD



100233
TANK TO BOWL GASKET KIT W/ AMS GASKET



940755
CLOTH INSERTED RUBBER WASHER FOR CLOSET BOLTS



100226
TANK GASKET KIT W/ TWO BOLTS & SPONGE GASKET



100388
TANK BOLTS W/ 7/8" HEAD LARGE HEAD TANK BOLTS



100225
MANSFIELD TANK GASKET KIT W/ 3 BOLTS & PVC NUT



100026
MANSFIELD TANK TO BOWL GASKET



100269
CLOSET BOLTS W/ CAP COVER



100260
SOLID BRASS CLOSET BOLT SET 5/16" X 2-1/4" W/ NUT, NICKEL & PLASTIC WASHER

100075
BRASS BREAK-OFF CLOSET BOLT SET 5/16" X 2-1/4" W/ NUT NICKEL & PLASTIC WASHER

100164
SOLID BRASS CLOSET BOLT SET 5/16" X 3-1/2" W/ NUT NICKEL & PLASTIC WASHER

100261
SOLID BRASS CLOSET BOLT SET 1/4" X 2-1/4" W/ NUT NICKEL & PLASTIC WASHER

100259
BRASS BREAK-OFF CLOSET BOLT SET 1/4" X 2-1/4" W/ NUT NICKEL & PLASTIC WASHER

100262
SOLID BRASS CLOSET BOLT SET 1/4" X 3-1/2" W/ NUT NICKEL & PLASTIC WASHERS

104370
GLASS FILLED NYLON CLOSET BOLTS NO CORROSION 5/16" X 2-1/2" W/ NUT

NOTES: _____

WASHERS & BOLTS



100266
1/4" CLOSET BOLT STABILIZER WASHER PLASTIC
100267
5/16" CLOSET BOLT STABILIZER WASHER PLASTIC



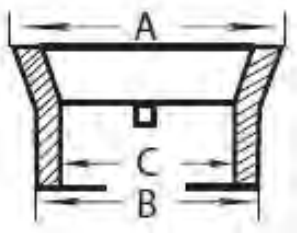
100270
5/16" X 9/16" NICKEL PLATED OPEN ACORN NUT
100264
CLOSET BOLT NUT 5/16" OPEN END
100263
CLOSET BOLT NUT 1/4"
OPEN END



100230
TOILET BOWL BOLT CAP PAIR WHITE W/ WASHER

SPUD GASKETS



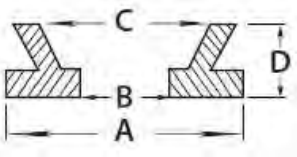


COMPLETE SPUDS

ACS#	TRADE SIZE	A	B	C
100065	1-1/4" x 1-1/4"	1-29/32"	1-5/8"	1-3/8"
100060	1-1/2" x 1-1/2"	2-3/16"	2-3/16"	1-9/16"
100063	2" x 2"	2-5/8"	2-5/16"	2-1/16"
100064	1" x 3/4" URINAL	1-9/16"	1-1/32"	25/32"
100067	1-1/2" x 1-1/4"	2-3/16"	1-5/8"	1-3/8"
100068	2" x 1-1/4"	2-5/8"	1-5/8"	1-3/8"
100069	2" x 1-1/2"	2-5/8"	1-13/16""	1-5/8"
100066	1-1/4" x 3/4" URINAL	1-15/16"	1-1/32"	27/32"
100350	1-1/2" x 3/4" URINAL	2-3/16"	2-1/2"	13/16"

SPUD GASKETS, NUTS & FRICTION RINGS





SPUD GASKET ONLY

ACS#	TRADE SIZE	A	B	C	D
100061	1-1/2”	2-9/16”	1-7/8”	1-15/16”	5/8”
100062	1-1/4”	2-15/32”	1-5/8”	1-11/16”	9/16”
920024	2”	3-3/16”	2-5/16”	2-7/16”	11/16”
409100	2” x 1-1/2”	3-3/32”	1-7/8”	2-5/8”	6/16”
404411	1-1/4” x 3/4”	2-13/32”	1-5/16”	2”	9/16”
404420	1” X 3/4”	2-3/16”	1-1/16”	1-5/8”	9/16”
402000	2” x 1-1/4”	3-3/32”	1-5/8”	2-9/16”	9/16”

BRASS SPUD NUT ONLY

407007 1-1/2” X 1-1/2”
806030 1-1/4” X 1-1/4” URINAL
401251 2” X 2”
806148 1” X 3/4” URINAL
806043 1-1/2” X 1-1/4”
806147 1-1/4” X 3/4” URINAL



GALVANIZED FRICTION RINGS FOR SPUDS

100071 1-1/4”
100070 1-1/2”
100313 1” X 3/4”
100312 2”
100310 2” X 1-1/4”
100311 2” X 1-1/2”



POLY FRICTION RINGS

100071P 1-1/4”
100070P 1-1/2”
100313P 1 X 3/4”



920050
5/8” URINAL PLUG KOHLER
920055
3/4” URINAL PLUG AMERICAN STANDARD/KOHLER

NOTES: _____

URINAL WASTE ACCESSORIES



408027
AMERICAN STANDARD 2" SPUD W/ NUTS BOLTS & WASHERS FOR URINAL

100227
TANK TO BOWL UNIVERSAL SPONGE RUBBER GASKET ONLY



808191
AMERICAN STANDARD SS URINAL STRAINER PLATE



100635
KOHLER 3/4" FLOW CONTROL SPUD W/ THREADED SHAFT

406923
KOHLER 1-1/4" FLOW CONTROL SPUD W/ THREADED SHAFT



406856
AMERICAN STANDARD BOLT KIT



805772
KOHLER SNAP-IN URINAL STRAINER



805773
KOHLER URINAL OUTLET FLANGE KIT 6" BOLT SPREAD



407123
KOHLER URINAL GASKET



100307
CRANE URINAL GASKET

NOTES: _____

WATER CLOSET SUPPORTS



404101
CARRIAGE ROD 5/8" DIAMETER 9" LONG



943548
BLACK ABS COUPLING ADJUST TO WALL



400183
BLACK ABS NIPPLE ADJUST TO WALL



100237
JRSMITH HARDWARE MOUNTING KIT FOR ONE TOILET



100451
TOILET SEAT HINGE STABILIZER



808127
WHITE CLOSET BOLT WASHER



100876
PLASTIC WHITE TOILET SEAT HINGE BOLTS & NUTS PAIR 2-1/2"

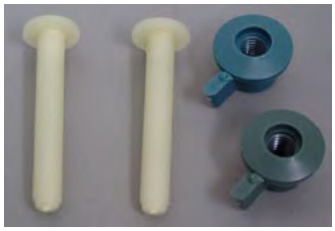


200170
CLOSET SEAT NUT WRENCH



400897
EXTENDED CARRIER NUTS & PLASTIC WASHERS

920376
ZURN EXTENDED CARRIER NUTS & PLASTIC WASHERS



100138
3/8"x2-5/8" W/3/4"OD HEAD & BROWN SINGLE WINGED LEVER NUT - BEMIS

NOTES: _____

TOILET SEATS



OPEN FRONT SEAT WITHOUT LID FOR REGULAR BOWL

100172
WHITE ROUND TOILET SEAT OPEN FRONT STAINLESS HINGES & POSTS W/O COVER

100171
WHITE ROUND BABY BOWL TOILET SEAT OPEN FRONT STAINLESS HINGES W/O COVER



OPEN FRONT SEAT WITHOUT LID FOR ELONGATED BOWL

100170
WHITE ELONGATED TOILET SEAT OPEN FRONT W/ STAY TIGHT HINGE W/O COVER

100151
BLACK ELONGATED TOILET SEAT OPEN FRONT W/ STAY TIGHT HINGE W/O COVER

100144
ELONGATED OPEN FRONT TOILET SEAT W/O LID



CLOSED FRONT SEAT WITH LID FOR REGULAR BOWL

100381
CENTOCO WHITE ROUND TOILET SEAT CLOSED FRONT W/ COVER

100136
WHITE ROUND WOODEN TOILET SEAT CLOSED FRONT W/ COVER

100141
WHITE ROUND TOILET SEAT CLOSED FRONT W/ COVER

105551
GENERIC WHITE ROUND WOODEN TOILET SEAT CLOSED FRONT W/ COVER

105548
GENERIC WHITE ROUND TOILET SEAT CLOSED FRONT W/ COVER



CLOSED FRONT SEAT WITH LID FOR ELONGATED BOWL

000843
WHITE ELONGATED WOODEN TOILET SEAT CLOSED FRONT W/ LID

100145
CENTOC0 WHITE ELONGATED WOODEN TOILET SEAT CLOSED FRONT W/ LID

100193
CENTOCO CLOSED ELONGATD WHITE TOILET SEAT W/ LID & STAINLESS STEEL HINGE

105552
GENERIC WHITE ELONGATED WOODEN TOILET SEAT CLOSED FRONT W/ COVER

105549
GENERIC WHITE ELONGATED TOILET SEAT CLOSED FRONT W/ COVER

TOILET SEATS



OPEN FRONT SEAT WITH LID FOR REGULAR BOWL

100135
WHITE OPEN TOILET SEAT W/ LID



OPEN FRONT ADA SEAT WITH CHECK HINGES AND PLATED METAL POST & PIN (ELONGATED)

100375
TOILET SEAT WHITE OPEN FRONT ELONGATED W/ 2" HANDICAP LIFT

100380
TOILET SEAT WHITE OPEN FRONT ELONGATED W/ 3" HANDICAP LIFT



OPEN FRONT SEAET WITH LID FOR ELONGATED BOWL

100140
WHITE OPEN ELONGATED TOILET SEAT W/ LID

100143
TOILET SEAT OPEN FRONT ELONGATED HEAVY GRADE W/ LID

100384
TOILET SEAT ELONGATED OPEN FRONT W/ STAINLESS STEEL HINGES

NOTES: _____

FLAPPERS



100863
BLUE PVC PRO SERIES TOILET TANK FLAPPER PVC W/ CHAIN



105542
KORKY RED PREMIUM UNIVERSAL FLAPPER BOXED



100165
KORKY FLAPPER PLUS RED W/ CHAIN



100160
FLAPPER BLACK W/ CHAIN



100347
BRIGGS FLAPPER ASSEMBLY W/ FLOAT



100404
KOHLER RED FLAPPER



100341
FRUGAL FLUSH ADJUSTABLE FLAPPER 3-1/2”



401692
AMERICAN STANDARD BLUE FLAPPER W/ CHAIN

FLAPPERS



100357
RED ADJUSTABLE TOILET FLAPPER W/ FLOAT UNIVERSAL



106032
KORKY ULTRA HIGH PERFORMANCE FLAPPER 2" UNIVERSAL



104520
AMERICAN STANDARD BLACK FLAPPER W/ CHAIN & FLOAT



409985
TOTO G-MAX RED FLAPPER



409981
RED FLAPPER FOR TOTO G-MAX (GENERIC)



100040
KOHLER FLAPPER BLACK



804049
KOHLER FLAPPER



100054
KORKY UNIVERSAL FLAPPER TANK BALL BLACK



500015
RED UNIVERSAL TOILET FLAPPER W/ MICROBAN

NOTES: _____

FLAPPERS



100438
KORKY PREMIUM UNIVERSAL FLAPPER



100615
BLACK FLAPPER FOR CRANE



100281
KORKY FLUSH BALL FLAPPER FOR KOHLER



100169
KOHLER BLUE FLAPPER KIT



100223
FLAPPER W/ FLOAT



100424
YELLOW UNIVERSAL FLAPPER W/ CHAIN



100598
ELJER FLAPPER



804358
KOHLER FLAPPER ASSEMBLY



100190
2" UNIVERSAL FLUSH VALVE REPAIR KIT



805330
ZURN URINAL STRAINER

NOTES: _____

FLUSH ARMS



100871
TANK LEVER FOR AMERICAN STANDARD CHROME FINISH 4" X 2.4" X 2"



100866
CHROME PLATED FLUSH ARM W/ BRASS A ANGLE



808154
UNIVERSAL TANK LEVER W/ 6" PLASTIC ARM



100884
FLUSH ARM FOR AMERICAN STANDARD 6-1/8" BRASS



100560
9-1/4" BRASS TOILET ARM FITS ELJER SIDE MOUNT CHROME HANDLE & PLASTIC NUT



100870
TANK LEVER FOR AMERICAN STANDARD CADET & PLEBE



404390
PUSH BUTTON TANK LEVER SIDE MOUNT



404385
PUSH BUTTON TANK LEVER FRONT MOUNT



100965
UNIVERSAL FIT 8-1/2" PLASTIC TOILET ARM W/ WHITE HANDLE



102420
MANSFIELD BLUE FLUSH ARM



100860
TANK LEVER FOR MANSFIELD W/ BRASS ARM & PVC NUT

NOTES: _____



100853
MANSFIELD FLUSH ARM

FLUSH ARMS



804100
8-1/2" PLASTIC TOILET LEVER CHROME HANDLE & PLASTIC NUT



100129
UNIVERSAL TRIANGULAR TOILET TANK LEVER W/ WHITE HANDLE



803376
FLUIDMASTER SURE FIT TANK LEVER CHROME



106223
CHROME PLATED FLUSH ARM LEVER FOR AMERICAN STANDARD 28°



100726
TANK LEVER FOR RECESSED CLOSET CHROME (60'S)



100555
PLASTIC TOILET FLUSH ARM 8-1/2" W/ CHROME DIE-CAST HANDLE



100869
PLASTIC FLUSH ARM 45° W/ CHROME PLATED HANDLE & PLASTIC SPUD & NUT



103100
SOLID BRASS FLUSH ARM HEAVY DUTY 8-1/2" ALL BRASS



100128
AMERICAN STANDARD PLASTIC FLUSH ARM W/ CHROME PLATED HANDLE



100124
AMERICAN STANDARD PLASTIC FLUSH ARM W/ WHITE PLASTIC HANDLE LEFT HAND
104471 RH VERSION



100871
TANK LEVER FOR AMERICAN STANDARD CHROME FINISH 4" X 2.4" X 2"



100867
FLUSH ARM-6-1/8 CP-PVC STUD/ STRAIGHT-21-234



100610
CASE CHROME PLATED TANK LEVER

NOTES: _____

FLUSH ARMS



100885
SOLID BRASS HEAVY-DUTY TOILET FLUSH ARM 8-1/2" FITS KOHLER



801431
KOHLER SET SCREW FOR 100885 FLUSH ARM



801465
KOHLER TRIP ARM SUPPORT FOR 100885 FLUSH ARM



100327
KOHLER BRASS TOILET TRIP ARM



100126
UNIVERSAL 8-1/2" TOILET ARM CHROME HANDLE W/ PLASTIC NUT



100127
UNIVERSAL 8-1/2" TOILET ARM BRASS W/ CHROME HANDLE & METAL NUT



104424
10" SIDE MOUNT FLUSH ARM FOR TOTO BRASS ARM W/ CHROME DIE-CAST HANDLE



100218
KOHLER CHROME PLATED TOILET LEVER



100999
AMERICAN STANDARD CHROME PLATED TRIP LEVER FOR PRESSURE ASSIST



809304
REPLACEMENT HANDLE ASSEMBLY FITS ELJER

NOTES: _____

FLUSH VALVE



100035
TITE-SEAL TANK BOWL



100101
TOILET FLUSH VALVE COMPLETE KIT FITS ELJER



806578
STOP-CAP FOR 210 & 211 MANSFIELD FLUSH VALVES



100321
DIAPHRAGM FOR 208 & 209 MANSFIELD FLUSH VALVE



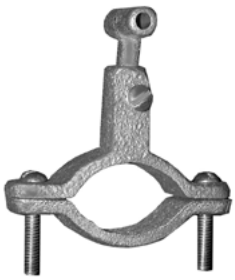
100205
FLUSH VALVE SEAL GASKET FITS 210 & 211 MANSFIELD



100220
WATER SAVER FLUSH VALVE ASSEMBLY 11-1/2" FITS 3.5 GPF FOR MANSFIELD



804576
ELJER TOILET TANK GUIDE ASSEMBLY W/ WIRE



100461
ADJUSTABLE TOILET TANK BRASS LIFT WIRE GUIDE



100110
UNIVERSAL PVC FLUSH VALVE W/ FLAPPER & CHAIN INCLUDED



100179
FLUIDMASTER UNIVERSAL FLUSHVALVE FITS 2" TOILETS



401350
FILL-PRO TOILET TANK FILL VALVE W/O VACUUM BREAKER



100189
FLUSH VALVE W/ RED FLAPPER



410770
KORKY FLUSH VALVE W/ RED FLAPPER ADJUSTS FROM 7" TO 11-1/2"



100137
ALL BRASS BALLCOCK COMPOUND LEVER FITS MANSFIELD



407928
BEVELED BALLCOCK SHANK WASHER



401169
BALLCOCK SHANK NUT 7/8"

FLUSH VALVES & TANK ACCESSORIES



100002
COAST TOILET FILL VALVE 10”



807263
PLASTIC BALLCOCK
COUPLING NUT 7/8”



100175
FLUIDMASTER UNIVERSAL FILL
VALVE ADJUSTABLE FROM 9” TO 14”



100178
REGULAR 8-1/2 BALLCOCK



100255
BALLCOCK REPAIR KIT W/
4-SCREWS



100245
BONNET CAP W/ TOP OUT
4-SCREWS PVC



100716
KORKY QUIETFILL UNIVERSAL
TOILET FILL VALVE



100859
BALLCOCK FLUSH VALVE
REBUILD KIT FITS MANSFIELD



100215
MANSFIELD BALLCOCK
FILL VALVE



100210
ANTI-SIPHON BALLCOCK
FOR MANSFIELD



100180
BALLCOCK SEAL DISK FOR TOILET FILL VALVE FITS FLUIDMASTER

100182
FLUIDMASTER 400A REPLACEMENT BALLCOCK REPAIR SEAL

NOTES: _____

TANK TO BOWL GASKETS



100152
TANK TO BOWL GASKET LARGE FITS GERBER



108600
TANK TO BOWL GASKET FOR GERBER 3-3/4" X 2-3/16" X 1-3/16"



100047
CLOSE COUPLE SPONGE RUBBER TANK TO BOWL GASKET



100307
CRANE URINAL GASKET



404455
ELJER TANK TO BOWL GASKET W/ EARS



100403
ELJER TANK TO BOWL GASKET



100306
TANK TO BOWL GASKET 2-5/16" ID X 3-1/8" X 3/8" FITS ELJER



100309
THICK TANK TO BOWL GASKET 2-1/8" ID X 3-1/4" OD X 1-3/16" FITS GERBER



100305
TANK TO BOWL GASKET FITS KOHLER



100026
TANK TO BOWL GASKET FITS MANSFIELD



409986
TOTO TANK TO BOWL GASKET



100227
TANK TO BOWL UNIVERSAL SPONGE RUBBER GASKET

ACTUATORS



100150
SNAP ON TILT VALVE SEAT DISC FITS AMERICAN STANDARD TILT FLUSH VALVES



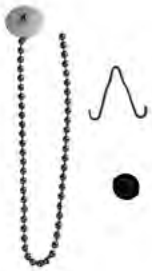
100001
SCREW ON TILT VALVE SEAT DISC FITS AMERICAN STANDARD TILT FLUSH VALVES



800024
AMERICAN STANDARD SCREW FOR TILT VALVE SEAT 100001



941002
O/S ACTUATING UNIT HIGH W/ DISC, CHAIN, CLIP & GROMMET FOR AMERICAN STANDARD



100200
CHAIN ASSEMBLY FOR AMERICAN STANDARD BALL



800193
AMERICAN STANDARD ACTUATOR FLUSH VALVE UNIT



802090
AMERICAN STANDARD #4 FLUSH VALVE



941003
AMERICAN STANDARD 0/S ACTUATOR FLOAT FOR #5



100190
2" UNIVERSAL FLUSH VALVE REPAIR KIT



100005
TRIPLE SEAL TANK BALL



100301
4-1/2" LOWER BRASS LIFT WIRE FOR TANK BALL

100302
5" LOWER BRASS LIFT WIRE FOR TANK BALL



100297
BRASS FLOAT ROD FOR TANK 8" / 1/4"- 20 THREADED BOTH ENDS

100298
1/4" X 10" BRASS FLOAT ROD THREADED BOTH ENDS

100299
1/4" X 12" BRASS FLOAT ROD THREADED BOTH ENDS



100275
FLOAT BALL FOR TOILET TANK BLACK PLASTIC NON-CORROSIVE

FLUSHMATE REPLACEMENT PARTS

FLUSHMATE®

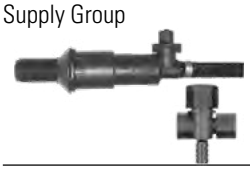
Genuine Replacement Parts

	Part Number	Description	ACS Part Number
Two-Piece Fixtures			
501-B* 	M-101526-F3B	Flushmate System 1.6 gpf replaces 501-B Series for toilet tank with center pushbutton * 501-B Flushmate System are replaced with M-101526-F3B and M-101526-F3BK	101526
	M-101526-F3BK	Flushmate System 1.6 gpf with Handle Replacement Kit replaces 501-B Series for toilet tank with flush handle (LH or RH)	806387
503 	M-101526-F31	Flushmate System 1.6 gpf	946581
	M-101526-F32	Flushmate System 1.6 gpf for Kohler K4404 Tank	104707
	M-101526-F33	Flushmate System 1.6 gpf for Gerber 28-385 Tank	
	M-101526-F3H1	Flushmate System 1.28 gpf All OEMS except Kohler K4404 and Gerber 28-385 Tank	
	M-101526-F3H3	Flushmate System 1.28 gpf for Gerber 28-385 and Vortens/Lamosa 3468 Tank	
504 	M-101526-F41	Flushmate System for Vortens/Lamosa 3468 Tank	100471
	M-101526-F42	Flushmate System for tanks: Mansfield 153 , St Thomas/Vitromex, Peerless 1, Sloan ST-8016 and ST-8116, Vitra 5066, and Western T4ULF-PF-1.	
	M-101526-F43	Flushmate System, for Kohler K4484 tank	100790
One-Piece Fixtures			
501-A	M-102540-F38	Flushmate System, 1-pc Am Std 2042.017, Corona 30633	
501-B	M-102540-F	American Standard Use M-102540-F38	
503 	M-102540-F3A	American Standard 2045.013	
	M-102540-F3	Gerber 21-012	
504 	M-102540-C	Flushmate System, Kohler K-3597 with serial number XXXXXX-C01-XXXX	
	M-102540-FC	Flushmate System, Kohler K-3597 with serial number XXXXXX-FC1-XXXX, and XXXXXX-FC2-XXXX	946601
	M-102540-F4M	Mansfield 704*, Corona 704* *Indicate Pushbutton Activated.	

FLUSHMATE REPLACEMENT PARTS

FLUSHMATE®

Genuine Replacement Parts

	Part Number	Description	ACS Part Number
Upgrade Kits (two-piece fixtures)			
	M-101526-F31K	Flushmate 1.6 GPF Change-Out Kit (PF/2 and EcoFlush)	102000
	M-101526-F3H1K	Flushmate 1.28 GPF Change-Out Kit (EcoFlush)	
Intelli-Flush Automatic Flushing System for 501-B, 503, and 504* Series			
	K-100100	On-Wall Sensor with White Trim.	
	K-100101	On-Wall Sensor with Chrome Trim	
	K-100500	Override button Only - no sensor * Except for Mancesa, St Thomas, Vitromex, and Gerber 1-pc fixtures.	
Replacement Parts			
Cartridge 	C-100500-K	Flush Cartridge with Duckbill and Screen.	807721
	C-100501-K	Flush Cartridge 1.28 Kit with Duckbill and Screen	
	C-100502-K	Flush Cartridge with Duckbill and Screen for Kohler K-3597 with serial number XXXXXX-C01-XXXX and XXXXXX-C02-XXXX	
Upper Supply 	BU100505-K	Upper Supply Used on all Series	807814
Duckbill Valve 	B108288-BK	Duckbill Valve (air inducer) for Upper Supply BU100505-K, 24 count pack	801146
	B108288-4PK	Duckbill Valve (air inducer) for Upper Supply BU100505-K, 4 count pack	801109
Lower Supply 	BL100504-3-K	Lower Supply Used on 503 and 504 Series	808604
	BL100504-K	Lower Supply Used on 501-A and 501-B Series	808745
	BL100504-C-K	Lower Supply Used on M-102540-C Kohler K3597	
Supply Group 	RK100100	Complete Supply for all series except 503 and 504.	807722
	E-205288	Universal tank-to-bowl Gasket for 503 and 504 Series Fits all two-piece fixtures except Mansfield	
Gasket 	E-406288	Universal tank-to-tank Gasket for 1-piece fixtures	
Push Button 	DP400999-1	Convex Chrome Finish (Replaces DP-500999-1)	106701

FLUSHMATE REPLACEMENT PARTS

FLUSHMATE®

Genuine Replacement Parts

	Part Number	Description	ACS Part Number
Wrenches 	ST100500	Cartridge Wrench	
	ST100100	Flushmate 3-in-1 Discharge-Nut Wrench	
	ST100200	Flushmate Tool Kit Discharge Nut Wrench and Cartridge Wrench	
	ST300500	Installation Tool Kit	
Installation Pack 	BP200104	Installation Pack- 1pc Toilet, Am Std 2042.017, Corona 30633	
	BP200108-1	Installation Pack- Large Discharge Nut, 2-pc Toilet	
	BP200112-1	Installation Pack- 1-pc Toilet, all except Kohler	
	BP200112-2	Installation Pack- 1-pc Toilet, Kohler K3597 only	
	BP200114-4	Installation Pack- Small Discharge Nut, 2-pc Toilet	
Handle Replacement Kits			
	AP300503	Handle Replacement Kit - For all OEM 2-pc toilet with Flushmate 503 Series, produced after February 29, 2008 (LH or RH)	104014
	AP400504	Handle Replacment Kit - For all 504 Series	
Special Finish (Handle Only)			
	D-400602-2KIT	Flush Handle Kit, Satin Nickel	
	D-400602-3KIT	Flush Handle Kit, Polished Nickel	
	D-400602-4KIT	Flush Handle Kit, Polished Brass	
	D-400602KIT	Flush Handle Kit, Chrome	
Rod Kits			
	AR300308-L3	Rod Kit Gerber 21-012 LH	
	AP100103-4PK	Retainer Clips	002359

NOTES: _____

LAVATORY/URINAL HANGERS AND SINK CLAMPS



940700
LAVATORY "Z" HANGER CAST IRON 5" TO 16" ADJUSTMENT



940819
10" STEEL LAVATORY HANGER



940831
AMERICAN STANDARD K-2 URINAL HANGER



403925
V-TYPE LAVATORY SINK HANGER FOR WALL MOUNT BASINS



949021
LAVATORY HANGER



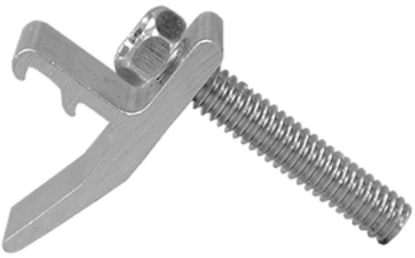
808852
KOHLER URINAL HANGER BRACKET PAIR



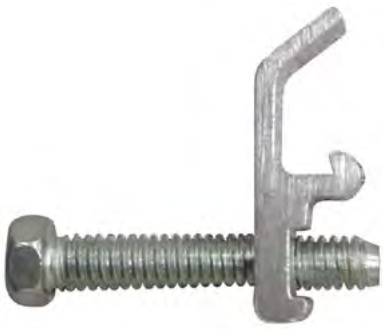
940818
STEEL LAVATORY HANGER 7"



943659
UNDERMOUNT SINK INSTALLATION CLAMP (BAG OF 4)



943655
5/8" - 1-1/8" SINK LUG COMBO W/ BOLT FOR COUNTERS (BAG OF 4)



943656
3/8" - 1/2" SINK E-LUG W/ BOLT FOR COUNTERS (BAG OF 4)



943658
3/4" - 2-3/4" ADJUSTABLE SINK LUG W/ BOLT FOR COUNTERS (BAG OF 4)



000060
SINK RIM CLIPS (BAG OF 16)

TOILET SUPPORT AND JACK





206302
SK1000 UNIVERSAL TOILET SUPPORT UNIT
CARBON STEEL/POWDER COATED

-EASILY SUPPORTS 1000+ LBS
-DESIGNED TO LAST INDEFINITELY
-MOUNTS DIRECTLY TO EXISTING PLUMBING WITH REAL HARDWARE
-INSTALLS IN MERE MINUTES
-READY TO USE IMMEDIATELY





206300
TOILET JACK 6-1/2" TO 8-1/2"
206301
TOILET JACK 8-1/2" TO 12-1/2"

-INCREASES WEIGHT CAPACITY FROM 350LBS TO 1000LBS
-MAINTAINS THE CLEANING ABILITY OF A WALL MOUNTED FIXTURE
-STAINLESS STEEL LEG
-INSTALLS IN MINUTES

AMERICAN STANDARD CERAMIC FIXTURES



100800
AMERICAN STANDARD AFWALL MILLENNIUM WALL HUNG TOILET BOWL IN WHITE 1.6 GPF



001032
AMERICAN STANDARD MADERA ELONGATED TOILET BOWL IN WHITE FLOOR MOUNT 1.6 GPF



104382
AMERICAN STANDARD MADERA ADA COMPLIANT ELONGATED TOILET BOWL IN WHITE 1-1 - 1.6 GPF



104380
AMERICAN STANDARD WASHBROOK ELONGATED 14" RIM URINAL W/ WASHOUT ACTION .7 - 1.0 GPF



103665
AMERICAN STANDARD TRIMBROOK SIPHON JET TOP SPUD URINAL 1.0 GPF IN WHITE



002454
AMERICAN STANDARD ALLBROOK SIPHON JET TOP SPUD URINAL 0.5 - 1.0 GPF IN WHITE



103666
AMERICAN STANDARD LYNBROOK BLOWOUT TOP SPUD URINAL 1.0 GPF 1-1/4" INLET SPUD

NOTES: _____

ZURN



101001
ZURN ELONGATED SIPHON JET TWO-PIECE TOILET 1.6 GPF 12" ROUGH-IN



101002
ZURN ROUND SIPHON JET TWO- PIECE TOILET 1.6 GPF 12" ROUGH-IN



101003
ZURN ADA COMPLIANT ELONGATED SIPHON JET TWO-PIECE TOILET 1.6 GPF 12" ROUGH-IN



101005
ZURN ADA COMPLIANT ELONGATED PRESSURE ASSIST TWO-PIECE TOILET 1.6 GPF 12" ROUGH-IN



101006
ZURN ELONGATED PRESSURE ASSIST TWO-PIECE TOILET 1.6 GPF 12" ROUGH-IN



101013
ZURN ELONGATED SIPHON JET WALL HUNG TOILET 1.1 GPF 1-1/2" TOP SPUD

NOTES:

ZURN



101015
ZURN ELONGATED SIPHON JET TOILET BOWL FOR USE W/ FLUSH VALVE 1.28 GPF 10" ROUGH-IN



101016
ZURN ELONGATED ADA COMPLIANT TOILET BOWL FOR USE W/ FLUSH VALVE 1.28 GPF 10" ROUGH-IN



101018
ZURN ELONGATED SIPHON BABY TOILET BOWL FOR USE W/ FLUSH VALVE 1.28 GPF 10" ROUGH-IN



101019
ZURN ELONGATED TWO-PIECE CHILDRENS TOILET SIPHON JET 1.6 GPF 10" ROUGH-IN



101021
ZURN ELONGATED SIPHON JET REAR OUTLET TOILET BOWL FOR USE W/ FLUSH VALVE 1.6 GPF



101010
ZURN ELONGATED SIPHON JET TWO-PIECE TOILET 1.6 GPF 10" ROUGH-IN



101034
ZURN ROUND SIPHON JET TWO-PIECE TOILET 1.6 GPF 10" ROUGH-IN



101022
ZURN ELONGATED ADA COMPLIANT SIPHON JET REAR OUTLET TOILET BOWL FOR USE W/ FLUSH VALVE 1.6 GPF



101036
ZURN SENSOR OPERATED URINAL 1/8 GPF WALL MOUNT 3/4" TOP SPUD
(NOTE: FLUSH VALVE NOT INCLUDED)

ZURN



101023
ZURN WASHOUT URINAL W/ BOTTOM OUTLET 3/4" TOP SPUD WALL MOUNT 1.0 GPF



101026
ZURN LARGE WATERLESS URINAL WALL MOUNT



101007
ZURN OMNI-FLO WASHOUT URINAL 3/4" TOP SPUD 1.0 GPF



101020
ZURN SIPHON JET URINAL 3/4" TOP SPUD 0.5 - 1.0 GPF 4-1/8" BACK OUTLET ROUGH-IN

101031
ZURN CAST IRON LAVATORY 8" CENTERS W/ FRONT OVERFLOW WALL HUNG 19" X 17"

101030
ZURN CAST IRON LAVATORY SINGLE FAUCET HOLE W/ FRONT OVERFLOW 20" X 18" (NOT PICTURED)

101032
ZURN CAST IRON LAVATORY 4" CENTERS W/ FRONT OVERFLOW WALL HUNG 19" X 17"

101017
ZURN CAST IRON LAVATORY 4" CENTERS W/ FRONT OVERFLOW WALL HUNG 20" X 18"



ZURN



101035
ZURN CAST IRON LAVATORY 8" CENTERSW/ FRONT OVERFLOW ROUND SHAPE WALL HUNG 20" X 18"

101028
ZURN CAST IRON LAVATORY SINGLE HOLE W/ FRONT OVERFLOW ROUND SHAPE WALL HUNG 20" X 18" (NOT PICTURED)

101004
ZURN CAST IRON LAVATORY 4" CENTERS W/ FRONT OVERFLOW ROUND SHAPE WALL HUNG 20" X 18"



101009
ZURN CAST IRON SELF RIMMING LAVATORY 4" CENTERS ROUND SHAPE 19"

101024
ZURN CAST IRON SELF RIMMING LAVATORY 4" CENTERS ROUND SHAPE 20" X 17"

101029
ZURN CAST IRON SELF RIMMING LAVATORY 8" CENTERS ROUND SHAPE 20" X 17" 5



101012
ZURN UNDERMOUNT LAVATORY BASIN W/ FRONT OVERFLOW 19" X 16" X 5"

NOTES: _____

NOTES:

SECTION 8

SUPPLY AND WASTE







ATLANTIC COASTAL SUPPLY INC.

SINK DRAINS & ACCESSORIES



400085
REPLACEMENT BASKET STRAINER S.S. 3-1/2" DIA W/RUBBER BOTTOM



400935
REPLACEMENT BASKET STRAINER S.S. 3-1/2" DIA



400555
BASKET STRAINER BASIN LOCKNUT DIE-CAST



401288
1-1/2" SINK CRUMB CUP REPLACEMENT STRAINER S.S WITHOUT POST

401286
1-1/2" SINK CRUMB CUP REPLACEMENT STRAINER S.S WITH POST



401285
3 PRONG DRAIN STRAINER 1-5/8" STEEL SNAP-IN

401205
3 PRONG DRAIN STRAINER 1-7/8" STEEL



401325
STRAINER BASKET, SAMLL 4 RUBBER FEET 1-1/2" JUNIOR DUO S.S.



407008
KOHLER STRAINER BRIGHT CHROME 1-1/2" DIA



402090
PFISTER SNAP-IN TUB STRAINER CHROME 2" DIA



400160
FIT-ALL STOPPER 1"-1-3/8" WHITE RUBBER

400165
FIT-ALL STOPPER 1"-1-3/8" WHITE RUBBER



407933
STRAINER BASKET WASHER- FIBER (THIN)

407932
STRAINER BASKET WASHER - RUBBER

402620
GALVANIZED BASKET STRAINER FRICTION WASHER 3-3/8" ID X 4-3/8" OD

400520
SOLID RUBBER STOPPER 1"

400525
SOLID RUBBER STOPPER 1-1/8"

400535
SOLID RUBBER STOPPER 1-3/8"

400530
SOLID RUBBER STOPPER 1-1/4"

400540
SOLID RUBBER STOPPER 1-1/2"

400545
SOLID RUBBER STOPPER 1-5/8"



400550
SOLID RUBBER STOPPER 1-3/4"

400549
SOLID RUBBER STOPPER 2"

SINK HARDWARE



920346
#6 BEADED CHAIN 1/8”
920345
#10 BEADED CHAIN 3/16”



920350
1/2” COUPLING #6 EYELET
920349
1-3/4” BEAD COUPLING #10A EYELET



920347
NO. 6B BEAD CHAIN COUPLING
920348
NO. 10B BEAD CHAIN COUPLING



920352
11” LAVATORY CHAIN
920353
15” TUB CHAIN



401032
SPECIALTY RING SOLID BRASS NICKEL-PLATED BRASS 3/4”
408024
SPECIALTY RING SOLID BRASS NICKEL PLATED BRASS 1”



400551
5” DIA DRAIN STOPPER WHITE RUBBER



402430
PREMIER GARBAGE DISPOSALSTOPPER/ COVER



401289
STOPPER FOR GARBAGE DISPOSAL WHITE VINYL



100020
UNIVERSAL GARBAGE DISPOER SPLASH GUARD RUBBER (PICTURED)
402555
GARBAGE DISPOSER SPLASH GUARD FITS *INSINKERATOR
402435
PROPLUS DISPOSER SPLASH GUARD FOR WHIRLAWAY



400206
DISHWASHER DRAIN CONNECTOR WITH 2 CLAMPS FITS 1-1/2” OR 2” STANDPIPE



400205
SINK GARBAGE DISPOSAL CONNECTOR 4 CLAMPS

SINK HARDWARE



400090
SINK STRAINER - DUO BASKET DIE-CAST SLIP-JOINT NUT S.S. FITS 3-1/2" TO 4" OPENING
400935
STRAINER ONLY



400190
SINK STRAINER UNIT HEAVY DUTY BRASS FITS 3-1/2" TO 4" OPENING
400195
STRAINER ONLY



401305
SINK STRAINER - DOUBLE CUP EXTENDED SHANK (1-7/8") FITS 3-1/2" TO 4" OPENING
400935
STRAINER ONLY



401230
BASKET STRAINER ASSY. KWIK-FIT™



806045
STAINLESS STEEL STRAINER UNIVERSAL FIT LIFT & TURN
406862
STRAINER ONLY



401275
BIG BOY™ HEAVY DUTY DEEP BASKET STRAINER
401271
STRAINER ONLY



400091
STAINLESS STEEL STRAINER UNIT, FLAT TOP, GRID DRAIN FITS 3-1/2" TO 4" OPENING
401040
SNAP IN KLN SINK DRAIN STR-SS 3 1/8 "W/4 PRONGS FOR 400091

ATLANTIC COASTAL SUPPLY INC.
ACSPARTS.NET (800) 520 - 0556

BAR DRAINS & MISC SINK DRAINS



804217
DRAIN STRAINER UNIT 1-1/4"x 1-1/2" WITH NUT & WASHERS FITS 1-7/8"-2-1/4"
401325
STRAINER ONLY



406980
DRAIN STRAINER UNIT 1-1/4"x 1-1/2" WITH NUT & WASHERS FITS 1-7/8"-2-1/4"



408240
1-1/2" CP DRAIN UNIT W/STOPPER & CROSS DRAIN RODS 1-1/2" SHANK



408239
1-1/2" BRASS DRAIN UNIT W/TWO NUTS & WASHER



408856
1" PLASTIC DRAIN-GREY 1" PVC BAR DRAIN WITH 1-3/8" GRAY SHANK



406905
1" BRASS BAR DRAIN W/ 1-1/2" SHANK, 2" FACE FLANGE



408237
1" BRASS DRAIN UNIT WITH TAILPEICE



406908
DRAIN -1-1/2" IPS BRASS-3 W/NUT & WASHER-128A-C3



406906
1" BRASS BAR DRAIN W/ 4" SHANK, 2" FACE FLANGE



406907
DRAIN UNIT-1-1/2" IPS BRASS-1 W/NUT & WASHER 3" FACE FLANGE



406878
1" BRASS BAR DRAIN-3-1/4 W/ NUT & WASHER



401050
KLN WSHR-RUB-1-3/4"OD 1 1/4" ID FOR 1" NUT
401580
STD DRAIN WASHER 1-1/2"



406909
LOCKNUT-BRASS-1-1/2"

FLOOR DRAIN ACCESSORIES



406423
DROP IN FLOOR DRAIN STRAINER 8 1/2" X 8 1/2" W/ 3/16" HOLES

406424
8-1/2" SQUARE FLOOR DRAIN STRAINER BASKET



406425
SMALL/ROUND FLOOR DRAIN STRAINER 3 3/4" TOP DIAM.



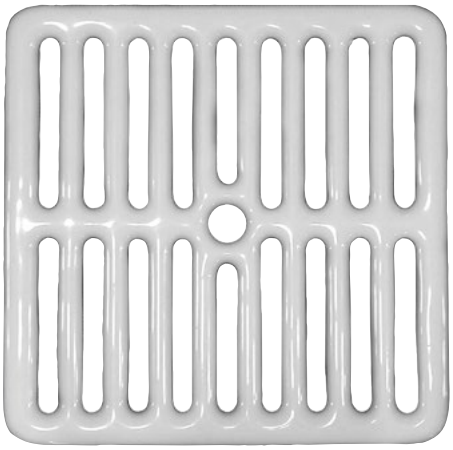
406426
SQUARE PVC DRAIN STRAINER W/ HANDLE 6 -1/2 X 6-1/2 3" DEEP



407908
STRAINER BUCKET, PVC 6-1/2" x 4" HIGH



406427
ROUND PVC STRAINER 9 1/2" X 2 1/2" DEEP



406428
9 1/4" SQUARE FULL WHITE PORCELAIN DRAIN COVER



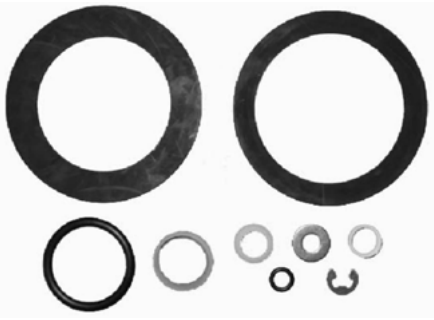


406433
FLOOR DRAIN STRAINER-BRASS 5 1/2" X 3/16"
406434
FLOOR PVC DRAIN STRAINER 6 3/4" X 3/8"
406435
FLOOR DRAIN STRAINER-BRASS 7 1/2" X 3/16"

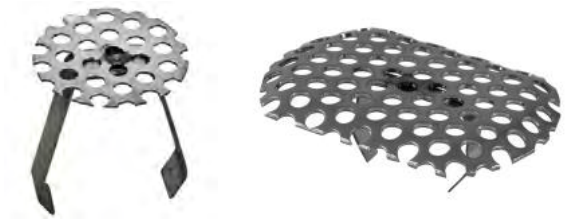
DRAIN ACCESSORIES



407909
DRAIN GRID STRAINER LOCK FOR ROTARY WASTE 3-1/2”
407910
DRAIN GRID STRAINER LOCK 3”, FITS 3 1/8” OPENING”



406413
DRAIN REPAIR KIT FOR LEVER & TWIST DRAINS 12 PIECES
401048
GASKET FOR COMMERCIAL SINK DRAIN 3-1/2”



406157
STRAINER, 1” DIAMETER FOR 3/4” OPENING
406158
STRAINER, 1-3/8 x 1-7/8 FITS 1” OPENING



406411
3 1/2” PLASTIC TOP STRAINER W/ ROUND HOLES
406412
4 1/2” PVC TOP STRAINER



023109
HEAVY DUTY SS COVER FOR BASKET DRAIN



000048
DISPOSAL SPLASH GUARD LARGE, FOR COMMERCIAL DISPOSER



404626
FLOOR DRAIN STRAINER SATIN FINISH BRONZE
941465
JOSAM 6” FLOOR STRAINER W/ 5-1/4” GRATE
409601
JOSAM DRAIN GRID STRAINER ONLY/ 6-7/16”
402341
JOSAM FLOOR DRAIN STRAINER UNIT ONLY



941480
3” MOLDED PLASTIC DRAIN STRAINER (2” & 4” available)

DRAIN ACCESSORIES



941470
2" LOCK & STOP DRAIN LOCK KIT
941475
3" LOCK & STOP DRAIN LOCK KIT



406615
1-1/4" LAV SINK STRAINER, S.S. MESH
406616
1-1/2" LAV SINK STRAINER, S.S. MESH
406617
4" KITCHEN SINK STRAINER, S.S. MESH



401295
REPLACE-IT™ STAINLESS STEEL FLOOR DRAIN -7 1/4", FITS 3 1/4"-6 3/4" OPENING
401296
REPLACE-IT™ STAINLESS STEEL FLOOR DRAIN -9 1/4", FITS 5 1/4"-8 3/4" OPENING



401292
GRIPPER™ STAINLESS STEEL FLOOR DRAIN - 3", FITS 2" PIPING
***401293**
GRIPPER™ STAINLESS STEEL FLOOR DRAIN - 4", FITS 3" PIPING
401294
GRIPPER™ STAINLESS STEEL FLOOR DRAIN - 5", FITS 4" PIPING

*FITS MOST STRAINER BASKETS

NOTES: _____

ZURN STRAINER UNITS (GRIDS ONLY)



941160
BRASS DRAIN GRID-5-5/8" SQUARE 4S



941153
BRASS DRAIN GRID-7-3/4"OD-3S



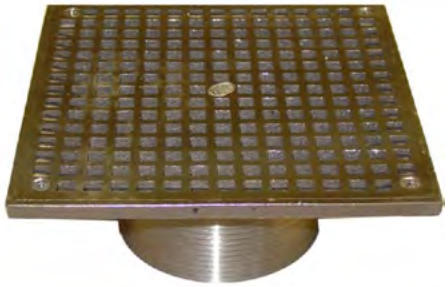
941145
BRASS DRAIN GRID-5" OD-3S



941159
ZURN BRASS DRAIN GRID ONLY 4-5/8" SQUARE 4 SCREW



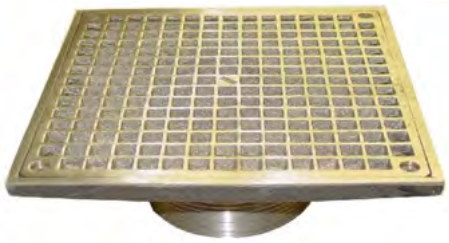
941152
BRASS DRAIN GRID-6-5/8"OD 3S



941161
BRASS DRAIN GRID-6-3/4" SQUARE 4S



941149
BRASS DRAIN GRID 6" OD



941162
BRASS DRAIN GRID-7-5/8" SQUARE



941148
BRASS DRAIN GRID/ 4 1/2" OD

JR SMITH STRAINER UNITS



406621
BUCKET DRAIN ONLY 6-3/4" WIDE x 2" DEEP

943533
FLOOR DRAIN GRID 8"



406626
6 1/2 X 6 1/2 X 4 3/8 DEEP STRAINER W/ BAR HANDLE



406622
8 1/2" X 8 1/2" X 3 1/2" DEEP STRAINER W/ BAR HANDLE



406624
6 1/8 X 4 3/8 ROUND STRAINER W/ BAR HANDLE



404757
ALUMINUM DOME STRAINER COVER 4-3/4 OD X 3 HGT.

404760
ALUMINUM DOME STRAINER COVER 4-3/4 OD X 3 HGT. WITH ACID RESISTANT COATING



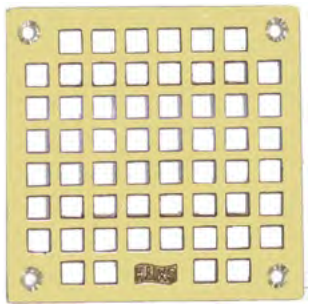
404755
ALUM. DOME BOTTOM STRAINER 3101Y DRAIN RECEPTOR UNIT



404762
4 9/16 X 5/16" FLAT ROUND STRAINER W/ LIP



404761
5 1/2 X 5/16" FLAT ROUND STRAINER W/ LIP



404764
4-5/8" X 4-5/8" X 1/8" THK FLAT BRASS STRAINER W/ 4 HOLES



009135
4 11/16 X 1/8 THICK ROUND FLAT BRASS STRAINER W/ 2 HOLES



404763
5-9/16" X 1/8" THK ROUND FLA BRASS STRAINER W/ 2 HOLES

ATLANTIC COASTAL SUPPLY INC.
ACSPARTS.NET (800) 520 - 0556

SINK DRAINS AND ACCESSORIES



401060
WASTE DRAIN VALVE, TWIST HANDLE, NO OVERFLOW 3" X 2" - 3" SINK OPENING

401063
NICKEL PLATED CAST WASTE DRAIN VALVE, TWIST HANDLE, NO OVERFLOW 2" MALE X 1-1/2" FEMALE - 3-1/2" SINK OPENING



401061
WASTE DRAIN VALVE, LEVER HANDLE, NO OVERFLOW 3" X 2" 3" SINK OPENING

401064
WASTE DRAIN VALVE, STRAIGHT HANDLED LEVER, NO OVERFLOW 2" MALE X 1-1/2" FEMALE THD 3-1/2" SINK OPENING



401581
TWIST HANDLE ASSY. COMPLETE-S.S.



401047
KLN SINK LEVER DRAIN ASSY W/BLACK HANDLE LEVER TYPE



400091
STAINLESS STEEL STRAINER UNIT, FLAT TOP, GRID DRAIN, FITS 3 1/2"-4" OPENING



407903
DIPPERWELL BOWL ASSEMBLY 5" W X 4-1/2" H BASKET WITH 5-1/2" X 5-1/2" BOWL



500107
2" 2-PART PVC SOLVENT WELD SHOWER DRAIN W/S.S. STRAINER



401040
KLN SINK DRAIN STR-SS 3 1/8" W/4 PRONGS

401250
COMMERCIAL SINK DRAIN STRAINER 3-7/16" W/4 PRONGS



401044
KLN SINK DRAIN REDUCER 2 FIP X 1 1/2 MIP NP WITH WASHER

LEVER & TWIST HANDLE WASTE OUTLETS

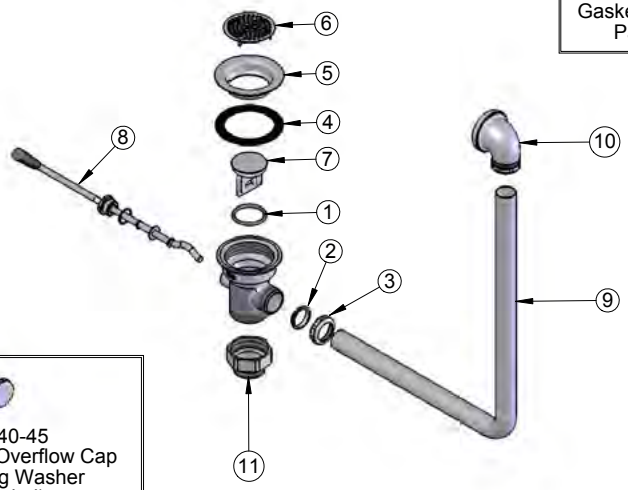
for 3 1/2" sink opening use:

Item No.	PART NO.
4	010382-45
5	010384-45
6	010386-45
8	010393-45 *

ITEM NO.	PART NO.	DESCRIPTION
1	809627	O-Ring, Plunger
2	010390-45	Ferrule, Coupling Nut
3	010391-45	Nut, Coupling for Twist Drain
4	809628	Gasket, 3" Face Flange
5	406971	Flange, 3" Face
6	010385-45	Strainer, 3" Snap-in
7	809629	Plunger, Lever and Twist Drain
8	010393-45	Handle, Rotary Waste Valve Twist
9	401042	Tube, Overflow Elbow
10	401043	Head, Overflow Tube
11	401044	Adapter, 2" NPT x 1 1/2" NPT




Washers, O-Rings & Gaskets are included in Parts Kit B-39K




012640-45
Waste Drain Overflow Cap w/ Sealing Washer (Included)

Product Specifications:
Rotary Waste Drain Valve w/ Twist Handle, 3" Sink Opening (or 3-1/2" Opening), 2" Male NPT Outlet, 1 1/2" NPT Male Adapter, Overflow Tube & Head

Product Compliance:
ASME A112.18.2 / CSA B125.2



200525
LEVER DRAIN INSTALLATION/REMOVAL TOOL



407909
DRAIN GRID STRAINER LOCK FOR ROTARY WASTE 3-1/2"

407910
DRAIN GRID STRAINER LOCK 3" - FITS 3-1/8" OPENING

LAVATORY AND COMMODE SUPPLY LINES



FLEXIBLE PLASTIC SUPPLY LINE-LAVATORY

400330 3/8" X 12"
400243 3/8" X 15"
400335 3/8" X 20"
401380 3/8" X 30"
401381 3/8" X 36"
401020 1/2" X 20"

400696 3/8" PVC COMPRESSION SLEEVE
407806 1/2" PVC COMPRESSION SLEEVE



FLEXIBLE PLASTIC SUPPLY LINE-COMMODE

400695 3/8" x 12"
400036 3/8" x 20"

400696 3/8" PVC COMPRESSION SLEEVE



CHROME PLATED SUPPLY LINE-LAVATORY

403915 3/8" x 12"
403920 3/8" x 20"
402585 3/8" X 36"

400810 3/8" BRASS COMPRESSION SLEEVE



CHROME PLATED SUPPLY LINE-COMMODE

404011 3/8" x 12"
806017 3/8" X 20"

400810 3/8" BRASS COMPRESSION SLEEVE



COMMODE EASY HOOK UP SUPPLY LINES (BRAIDED STAINLESS STEEL)

404437 3/8"COMP X 7/8"FIP X 9"
404435 3/8"COMP X 7/8"FIP X 12"
400742 1/2"COMP X 7/8"FIP X 12"



LAVATORY EASY HOOK UP SUPPLY LINES (BRAIDED PVC)

400706 3/8"COMP X 1/2"FIP X 9"
400235 3/8"COMP X 1/2"FIP X 12"
407010 3/8"COMP X 3/8"FIP X 12" PLAIN COPPER (DELTA STYLE)
402048 3/8"COMP X 1/2"FIP X 16"
400240 3/8"COMP X 1/2"FIP X 20"
404295 3/8"COMP X 1/2"FIP X 30"
404290 1/2"FIP X 1/2"FIP X 12"
404285 1/2"FIP X 1/2"FIP X 12"
404280 1/2"COMP X 1/2"FIP X 30"
400232 1/2"FIP X 1/2"FIP X 48"



COMMODE EASY HOOK UP SUPPLY LINES (BRAIDED PVC)

406993 3/8"COMP X 7/8"BC X 9"
400245 3/8"COMP X 7/8"BC X 12"
400241 3/8"COMP X 7/8"BC X 20"
400694 1/2"COMP X 7/8"BC X 12"

LAVATORY/DISHWASHER EASY HOOK UP SUPPLY LINES (BRAIDED STAINLESS STEEL)

407022 3/8"COMP X 3/8"COMP X 12"
404454 3/8"COMP X 3/8"COMP X 20"
407044 3/8"COMP X 3/8"COMP X 30"
406601 3/8"COMP X 3/8"COMP X 48"
400244 3/8"COMP X 3/8"COMP X 60"



404425 3/8"COMP X 1/2"FIP X 12"
404006 3/8"COMP X 1/2"FIP X 16"
400247 3/8"COMP X 1/2"FIP X 20"
404408 3/8"COMP X1/2"FIP X 30"
000989 3/8"COMP X 1/2"FIP X 36"
400249 3/8"COMP X 1/2"FIP X 48"

400246 3/8"COMP X 3/8"FIP X 12"
404436 3/8"COMP X 3/8"FIP X 20"
407134 1/2"COMP X 1/2"FIP X 12"
403708 3/8"COMP X 3/8"FIP X 16"
000754 1/2"COMP X 1/2"FIP X 20"
000990 1/2"COMP X 1/2"FIP X 36"
404223 1/2"FIP X 1/2"FIP X 12"

403902 ELBOW ONLY FOR 48" & 60" DISHWASHER LINES

STOP VALVES



NEW STYLE BALL STOP VALVES BY LEGEND - 1/4 TURN ANGLE PATTERN

400519 3/8"FIP X 3/8"OD
400517 1/2"FIP X 3/8"OD
400518 5/8"OD X 3/8"OD
400529 1/2"PEX X 3/8"OD
400516 1/2"SWT X 3/8"OD"



NEW STYLE BALL STOP VALVES BY LEGEND - 1/4 TURN STRAIGHT PATTERN

400522 3/8"FIP X 3/8"OD
400523 1/2"FIP X 3/8"OD
400526 5/8"OD X 3/8"OD
400527 1/2"PEX X 3/8"OD
400528 1/2"PEX X 1/2"PEX
400524 1/2"SWT X 3/8"OD



401445
ANGLE STOP VALVE 3/8"IPS X 3/8" OD
400305
ANGLE STOP VALVE 1/2"IPS X 3/8"OD
406874
ANGLE STOP VALVE 1/2"IPS X 1/2" OD



400710
ANGLE STOP VALVE 5/8"OD X 3/8"OD
406882
ANGLE STOP VALVE 5/8"OD X 1/2"OD



401446
STRAIGHT STOP 1/2"SWT X 3/8"OD MULTI-TURN



408004
STRAIGHT STOP VALVE 3/8"OD X 3/8"OD



400306
ANGLE STOP VALVE 1/2"SWT X 3/8"OD



403997
EZ CONNECT SUPPLY ADAPTER 3/8" FEM COMP X 3/8" OD COMP W/ 3/8" BRANCH
403996
EZ CONNECT SUPPLY ADAPTER3 /8" FEM COMP X 3/8" OD COMP W/ 1/4" BRANCH

ATLANTIC COASTAL SUPPLY INC.
ACSPARTS.NET (800) 520 - 0556



407206
STRAIGHT UNIVERSAL SUPPLY VALVE 1/2"OD X 3/8"NOM. FITS PEX/COPPER/CPVC/PVC



LOOSE KEY SUPPLY STOP VALVES
407532 3/8"FIP X 3/8"OD ANGLE
403102 1/2"FIP X 3/8"OD ANGLE
403103 5/8"OD X 3/8"OD STRAIGHT
404026 1/2"SWT X 3/8"OD ANGLE

STOP VALVES/FITTINGS



408035
LOOSE KEY ANGLE STOP 1/2"NPT FEMALE INLET & OUTLET



808280
STRAIGHT LOOSE KEY STOP 3/8"NPT FEMALE INLET/OUTLET



409200
1/4" COMP X 1/4" COMP STRAIGHT NEEDLE VALVE BRASS

409201
3/8" COMP X 3/8" COMP STRAIGHT NEEDLE VALVE BRASS



405207
QUICK-CONNECT WATER LINE INSTALLATION KIT



405514
ICEMAKER/HUMIDIFER KIT 1/4" X 25' POLY TUBING

403995
ICE MAKER KIT 1/4" X 15' POLY TUBING



403994
SELF-PIERCING SADDLE VALVE 1/4" OD COMP OUTLET BRASS



400574
3/8" FEM COMP X 3/8" COMP SHUT OFF VALVE (PIGGYBACK)



401168
1/2" FAUCET COUPLING NUT BRASS

400120
FAUCET SHANK COUPLING NUT PLASTIC 1/2" IP X 7/16" OD



401169
BALLCOCK SHANK NUT 7/8" BRASS

807263
BALLCOCK COUPLING NUT 7/8" PLASTIC

COMPRESSION FITTINGS/ACCESSORIES



400811
1/4" BRASS COMPRESSION SLEEVE
400810
3/8" BRASS COMPRESSION SLEEVE
401155
1/2" BRASS COMPRESSION SLEEVE
401156
5/8" BRASS COMPRESSION SLEEVE
804017
7/8" BRASS COMPRESSION SLEEVE
407146
1-1/2" BRASS COMPRESSION SLEEVE
407145
1-1/4" BRASS COMPRESSION SLEEVE



MALE ADAPTOR
401185
NICKEL PLTD COMPRESSION 3/8" COMP X 1/2" MIP
401188
NICKEL PLTD COMPRESSION 1/2" COMP X 1/2" MIP
401187
BRASS COMPRESSION 1/2" COMP X 3/8" MIP
401184
NICKEL PLTD COMPRESSION 3/8" COMP X 3/8" MIP
408249
BRASS COMPRESSION 3/8" COMP X 3/8* MIP
405114
BRASS COMPRESSION 1/4" COMP X 1/4" MIP



404759
3/8" COMP X 3/8" MIP BRANCH TEE



403902
3/8" OD TUBE X 3/8" MIP COMPRESSION MALE ELBOW FOR DISHWASHER



300070
BRASS FRICTION RING 5/8"
300067
BRASS FRICTION RING 3/4"



407834
1/4" PLASTIC COMPRESSION SLEEVE
400696
3/8" PLASTIC COMPRESSION SLEEVE
407806
1/2" BRASS COMPRESSION SLEEVE
400698
5/8" BRASS COMPRESSION SLEEVE



401157
3/8" BRASS COMPRESSION CAP LEAD FREE



401171
SWEAT CONNECTOR 3/8" COMP X 1/2" SWEAT BRASS

COMPRESSION FITTINGS/ACCESSORIES



FEMALE ADAPTOR

401183
1/2"FIP X 1/2"COMP CP BRASS

401175
3/8"FIP X 1/2"COMP CP BRASS

407137
1/2"FIP X 3/8"COMP BRASS

401182
1/2"FIP X 3/8"COMP CP BRASS

401181
3/8"FIP X 3/8"COMP CP BRASS

407149
1/2"FM COMP THD X 3/8" COMP TO CONVERT 1/2" COMP STOP TO 3/8" COMP STOP (USES "O" RING **801841**



401160
1/4" BRASS STRAIGHT COMPRESSION UNION

401161
3/8" BRASS STRAIGHT COMPRESSION UNION

401163
5/8" BRASS STRAIGHT COMPRESSION UNION

401164
7/8" BRASS STRAIGHT COMPRESSION UNION



402590
90 DEGREE ELBOW 3/8" COMP x 1/2 FIP"

408009
90 DEGREE ELBOW 3/8" COMP X 1/2" MIP



401158
3/8"-CP BRASS COMPRESSION NUT

804016
7/8"-ROUGH BRASS COMPRESSION NUT

403368
1/4" - ROUGH BRASS



401193
1/2" BRONZE HEX LOCKNUT

400115
1/2" PLASTIC FAUCET LOCKNUT

NOTES:

BRASS COMPRESSION FITTINGS

BRASS COMPRESSION UNION

401159 1/8”
401190 3/16”
401160 1/4”
407837 5/16”
401161 3/8”
401191 7/16”
401162 1/2”
401163 5/8”
401192 3/4”
401164 7/8”
401176 1/4”X1/8”
407838 1/4”X3/16”
407839 5/16”X1/4”
407840 3/8”X1/4”
407113 3/8”X5/16”
401177 1/2”X3/8”
407841 5/8”X3/8”
407842 5/8”X1/2”





BRASS HEX NIPPLES

403590 1/8”
403595 1/4”X1/8”
403591 1/4”
403597 3/8”X1/8”
403598 3/8”X1/4”
403599 3/8”
403600 1/2”X1/4”
403601 1/2”X3/8”
304564 1/2”
403602 3/4”X1/2”
403603 3/4”





BRASS COMPRESSION UNION-NICKLE PLATED

401238 3/8”
401178 1/2”
401239 1/2”X3/8”
401179 5/8”
400896 5/8”X3/8”
401180 5/8”X1/2”



BRASS COMPRESSION TEE

401201 1/8”
401202 3/16”
401203 1/4”
401204 5/16”
401207 3/8”
401208 7/16”
401209 1/2”
401166 5/8”
401231 3/4”
401150 7/8”
401232 1/4”X3/8”
401233 3/8”X1/4”
401237 1/2”X1/2”X3/8”



BRASS INSERT

407827 1/8”
407828 3/16”
407829 1/4”
407830 5/16”
407831 3/8”
407832 1/2”
407833 5/8”



COMPRESSION SLEEVE

407834 1/4”
407835 5/16”
400696 3/8”
407806 1/2”
407836 5/8”



NOTES: _____

WATER FILTERS & HOUSINGS



407857
EVERPURE FILTER (4CB5-S)
14-1/2"x3-1/4"



407327
EVERPURE FILTER (7CB5)
20-3/4" x 3-1/4"



402133
EVERPURE FILTER (i20002)
20-3/4" x 3-1/4"



940801
FILTER CARTRIDGE 5" x 2-7/8"



407071
SS 10 CARTRIDGE 10" x 1-1/4"



805546
REPLACEMENT SEDIMENT FILTERS
(PAIR) 9-3/4" x 2-5/8"



940335
WATER FILTER (SOLD IN PAIRS)
4-7/8" x 2-1/2"



940784
WATER FILTER (SOLD IN PAIRS)
9-3/4" x 2-1/2"



608520
WATER FILTER-PLEATED - 50
MICRON 9-3/4" x 4-1/2"



943344
FILTER HOUSING
12-1/2" x 5-1/8"



403268
CUNO WATER FILTER
2-7/8" x 6-3/4"



000023
WATER FILTER 10" STANDARD 5
MICRON POLY



808200
O RING FOR WATER FILTER



609652
REPLACEMENT WATER FILTER
FOR ACORN/MURDOCK
COOLERS



607043
ELKAY FILTER FOR RETRO-FIT
BOTTLE FILLER UNIT

ATLANTIC COASTAL SUPPLY INC.
ACSPARTS.NET (800) 520 - 0556

GARDEN HOSE ADAPTERS & CONNECTORS



400961
BRASS GARDEN HOSE FITTING 3/4" MHT X 3/4" MIP (1/2FIP TAP)



403018
BRASS SWIVEL HOSE FITTING 3/4" FHT X 1/2" FIP

404825
BRASS SWIVEL HOSE FITTING 3/4" FHT X 3/4" FIP



400960
BRASS HOSE FITTING 3/4" MHT X 1/2" MIP



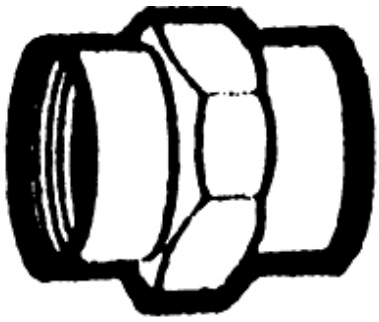
400964
BRASS HOSE ADAPTER 3/4" FHT X 1/2" FPT



401113
BRASS SWIVEL HOSE ADAPTER 3/4" MGH X 3/4" FGH



401111
BRASS HOSE ADAPTER 3/4" FHT X 3/4" MIP TAPPED 1/2" FIP



400965
BRASS HOSE UNION 3/4" FHT



404827
SWIVEL BRASS HOSE FITTING 3/4" FHT X 3/4" FHT



900020
GARDEN HOSE WYE ADAPTER BRASS



401110
BRASS HOSE ADAPTER 3/4" FGH X 1/2" MIP 1/2" F COPPER CONNECTION



400962
BRASS HOSE ADAPTER 3/4" MHT X 3/4" MHT TAPPED 1/2" FIP



803825
BRASS GARDEN HOSE ADAPTER 3/4" MGH X 1/2" FIP

GARDEN HOSE ADAPTERS & CONNECTORS



401080
50' X 5/8" HI TEMP RUBBER HOSE

404166
10' X 5/8" HI TEMP RUBBER HOSE

405548
50' X 3/4" HI TEMP RUBBER HOSE
(ALL HAVE MALE & FEMALE ENDS)



400521
2-WAY Y SHUT-OFF CHROME PLATED ZINC, HOSE CONNECTOR WORKS W/ 3/4", 5/8", 1/2"

000267
2-WAY Y SHUT OFF CAST BRASS, CAST BRASS HOSE CONNECTOR



401070
WATER NOZZLE PLASTIC INSULATED HANDLE



603997
SPRAY NOZZLE-HEAVY DUTY



409991
HOSE FILTER WASHER 20 X 20 BRASS MESH SCREEN



400995
BRASS HOSE CAP 3/4" FEMALE HEX THREAD

NOTE:
MHT = MALE HOSE THREADS
FHT = FEMALE HOSE THREADS
MPT = MALE PIPE THREADS
FPT = FEMALE PIPE THREADS
MGH = MALE GARDEN HOSE
FGH = FEMALE GARDEN HOSE
MIP = MALE IRON PIPE
FIP = FEMALE IRON PIPE



800016
CLOTH INSERTED HOSE WASHER
(FOR USE WITH ALL FITTINGS ON FACING PAGE)

NOTES: _____

CHECK STOPS & VACUUM BREAKERS



ANGLE VACUUM BREAKER CP ANTI-SIPHON WATTS-LEAD FREE
807612 3/8”
807613 1/2”
807614 3/4”
804898 1”



VACUUM BREAKER REPAIR KITS
406845 1/4”,3/8”
406846 1/2”
406847 3/4”, 1”



BLACK PVC GUIDE BONNET FOR VACUUM BREAKER
807681 3/8”
807682 1/2”
807683 3/4”, 1”



807910
1/2” VAC. BREAKER REPAIR KIT, CONBRACO
807911
3/4” VAC. BREAKER REPAIR KIT, CONBRACO



403645
VACUUM BREAKER FREEZE PROOF HYDRANTS 3/4”FHT X 3/4”MHT (WATTS #8 ROUGH BRASS)



942003
DUAL CHECK VACUUM BREAKER IN LINE BRASS 1/4” WATTS
942002
DUAL CHECK VACUUM BREAKER IN LINE BRASS 3/8” FM X FM WATTS



407150
CP VACUUM BREAKER 3/4”FHT X 3/4”MHT HIGH TEMP./180 DEGREES



402810
ANTI-SIPHON VAC. BREAKER 3/4” MHT X SMALL MALE THD. CP BRASS
402820
ANTI-SIPHON VAC. BREAKER 3/4” MHT X LARGE MALE THD. ROUGH BRASS
402815
ANTI-SIPHON VAC. BREAKER 3/4” MHT X LARGE MALE THD. CP BRASS



920004
ANTI-SIPHON VAC. BREAKER 3/4” FHT X 3/4” MHT W/VP SET SCREW ROUGH BRASS



410200
1/2” ANGLED VAC. BREAKER ANTI-SIPHON ROUGH BRASS



406509
1/2” MIP WATER HAMMER ARRESTER (6-1/2” LONG)
406639
3/4’ MIP WATER HAMMER ARRESTER (8-3/4’ LONG)

BRASS TUBULAR



"P" TRAP BRASS TUBULAR
400855 1-1/4" 17 GA
400866 1-1/4" X 1-1/2" 17GA
400865 1-1/2" 17GA
400860 1-1/4" 20GA
400870 1-1/2" 22GA



"J" BEND BRASS TUBULAR
401586 **1-1/4" 17GA**
401587 1-1/2" 17GA
400715 1-1/4" 20GA
400720 1-1/2" 20GA



"J" BEND WITH CAPTURED NUT BRASS TUBULAR
807249 1-1/2" 17GA
400219 1-1/4" 20GA



WALL BEND BRASS TUBULAR
402855 1-1/4"X8" 17 GA
401300 1-1/4" X 12" 17GA
401145 1-1/4"X15" 17GA
402860 1-1/2"X9" 17GA
401390 1-1/2"X12" 17GA
400752 1-1/2"X15" 17GA



S-TRAP BRASS TUBULAR
000825 1-1/2" 17GA
000864 1-1/4" 17GA



CP CAST SLIP JOINT NUT ASSEMBLIES (INCLUDES RUBBER WASHER & BRASS FRICTION RING)
400250 1-1/4"
400255 1-1/2"
400261 2"
406903 1-1/2"X1-1/4"



SLIP JOINT NUTS ONLY CP DIE CAST
400256 1-1/2"
400251 1-1/4"
400265 1-1/4"X1-1/2"
400260 2"



402850
CONTINUOUS WASTE CENTER OUTLET 1-1/2"X 16" 20 GAUGE DIRECT CONNECT CAST TEE



402807
1-1/2" SJ X 1-1/2" IPS TRAP W/CLEAN-OUT 17 GAUGE



BRASS FRICTION RINGS FOR TUBULAR
400001 1-1/4"
400560 1-1/2"
920291 1-1/2" (NEOPRENE/BRASS)
400005 1-1/4"X1-1/2"



WASTE ARM SLIP JOINT TYPE
404675 1-1/2"X15" 17GA
406995 1-1/2"X20" 17GA
407904 1-1/2"X24" 17GA



404568
OVERFLOW CAP W/ SEALING WASHER 1-1/4" CP (USES 800112 CAST IRON CAP WASHER)

BRASS TUBULAR



802099 - SLIP JOINT WASHER KIT

QTY	PART NO.	DESCRIPTION
6	402100	SLIP JOINT WASHER- FLANGED
48	800001	1-1/2" MALE SLIP JOINT WASHER
12	800002	1-1/2" SLIP JOINT WASHER
48	800005	1-1/4" SLIP JOINT WASHER
12	800010	1-1/4" x 1-1/2" SLIP JOINT WASHER
6	800095	1-1/4" POLY SLIP JOINT WASHER
6	800100	1-1/2" BEVELED POLY SLIP JOINT WASHER
6	800105	1-1/2" FLANGED POLY WASHER
12	800825	SLIP JOINT WASHER 2
24	800830	1-1/2" SLIP JOINT WASHER
12	800835	1-1/4" SLIP JOINT WASHER



RUBBER SLIP JOINT WASHERS

800002 1-1/2" THIN WALL
800001 1-1/2" MEDIUM WALL
800005 1-1/4" MEDIUM WALL
800830 1-1/2" HEAVY WALL
800010 1-1/4" X 1-1/2" HEAVY WALL
800825 2" HEAVY WALL



401011
END OUTLET SINK WASTE ASSY. 1-1/2" X 16" DIRECT CONN. 17 GAUGE



408790
1-1/4" X 11-1/2" BRASS DOUBLE OFFSET 22 GAUGE

408791
1-1/2" BRASS DOUBLE OFFSET SLIP JOINT TUBE 17 GAUGE



400730
BRASS END OUTLET TEE 1-1/2" SJ X 1-1/2" DC 17 GAUGE



400725
DIRECT CONNECT WASTE ARM 1-1/2" X 15" 17 GAUGE

400021
DIRECT CONNECT WASTE ARM 1-1/2" X 7" 20 GAUGE

406643
DIRECT CONNECT WASTE ARM 1-1/2" X 24" 17 GAUGE



808013
DOUBLE SLIP JOINT EXT. TUBE 1-1/2" X 16" 22 GAUGE



409885
1-1/4" X 5" CP P.O. PLUG 22 GUAGE WITH CHAIN AND STOPPER W/OUT OVERFLOW

BRASS TUBULAR

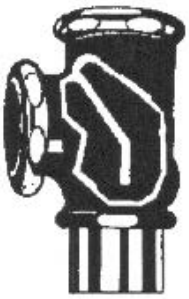


P.O. PLUG WITH CHAIN & STOPPER WITH OVERFLOW

404009 ONE PIECE 1-1/4"X5"22GA
404002 ONE PIECE 1-1/4"X8"22GA
404008 TWO PIECE 1-1/4"X5"22GA
402055 TWO PIECE 1-1/4"X12"22GA



401420
SHORT BRASS TAILPIECE 1-1/2" X 1" FLANGED ONE END 20 GAUGE



402200
END OUTLET SANI-TEE W/BAFFLE 1-1/2"X W/4" 17 GA TAILPIECE



406915
1-1/2" 3-WAY SJ TEE CHROME BRASS 22 GA



401215
DOUBLE SJ EXT. TUBE 1-1/4" X 2-3/8" LONG 20 GAUGE

401216
DOUBLE SJ EXT. TUBE 1-1/2" X 2" LONG 20 GAUGE



404550
SLIP JOINT BRASS CONNECTOR 1-1/4" SLIP 45 DEGREE CP ELBOW

404551
SLIP JOINT BRASS CONNECTOR 1-1/4" SLIP 45 DEGREE CP ELBOW



P-TRAP WITH CLEAN OUT

406894 1-1/4" 17 GA W/BRASS NUTS
401210 1-1/2" 17 GA TUBULAR BODY
402185 2 " 17 GA W/CAST J-BEND



409367
J-BEND 1-1/2" W/ CLEAN OUT C.P. BRASS 17 GAUGE

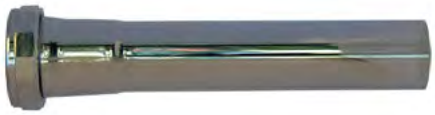


400270
POP-UP LAV DRAIN COMPLETE ASSEMBLY CHROME 22-GAUGE



DRAIN GRID ASSEMBLY CAST BRASS W/TAILPIECE

408219 1-1/4" X 6-1/2" 17 GAUGE TAILPIECE
408228 1-1/4" X 8" 20 GAUGE TAILPIECE
408229 1-1/4" X 12" 17 GAUGE TAILPIECE



SLIP JOINT EXTENSION TUBE WITH NUT

407011 1-1/4" X 6" 17 GAUGE
401588 1-1/4" X 6" 20 GAUGE
406992 1-1/2" X 6" 17 GAUGE
401585 1-1/4" X 8" 17 GAUGE
400740 1-1/2" X 8" 17 GAUGE
404400 1-1/4" X 12" 17 GAUGE
404231 1-1/2" X 12" 17 GAUGE

BRASS TUBULAR



THREADED TUBE (BOTH ENDS)

401391 1-1/4" X 8" 17 GAUGE
401393 1-1/2" X 8" 17 GAUGE
400750 1-1/4" X 8" 20 GAUGE
401021 1-1/4" X 12" 17 GAUGE
401394 1-1/2" X 12" 17 GAUGE
406645 1-1/4" X 18" 17 GAUGE
400900 1-1/4" X 12" 20 GAUGE



409334
THREADED TUBE (ONE END) 1-1/4" X 6" 17 GAUGE



SOLDER EXTENSION TUBE

401029 1-1/4" X 6" 17 GAUGE
401028 1-1/4" X 8" 20 GAUGE
406880 1-1/4" X 12" 17 GAUGE
404405 1-1/2" X 12" 17 GAUGE



400745
DOUBLE-END FLANGED TAILPIECE 1-1/2" X 16" 22 GAUGE

800105 1-1/2" FLANGED POLY WASHER
800111 THIN SINK CONN WASHER 1-3/4" X 1-5/16" X 1/8" RAD (1-1/2")
800112 THICK SINK CONN WASHER 1-25/32" X 1-13/32" X 1/8" RAD (1-1/2")



STRAIGHT TAILPIECES (FLGD ONE END)

401395 1-1/4" X 12" C.P. BRASS 17 GAUGE
401396 1-1/2" X 8" 17 GAUGE
400726 1-1/2" X 12" 17 GAUGE
400751 1-1/2" X 6" 17 GAUGE
402190 2" X 6" 17 GAUGE
402655 2" X 12" 17 GAUGE

800105 1-1/2" FLANGED POLY WASHER
800825 2" HEAVY WALL RUBBER SJ WASHER
800111 THIN SINK CONN WASHER 1-3/4" X 1-5/16" X 1/8" RAD (1-1/2")
800112 THICK SINK CONN WASHER 1-25/32" X 1-13/32" X 1/8" RAD (1-1/2")



406877
1-1/2" GRID DRAIN W/STRAINER SINK DRAIN. (AMS)
407043
AMS GASKET/WASHER ONLY 3" O.D. X 1-7/8" I.D. X 1" THICK



407001
OFFSET LAVATORY DRAIN 1-1/4" CHROME 17 GAUGE FOR WHEELCHAIR ACCESS A=2-1/4",B=1-1/4",C=8",D=5-3/8"
404012
HANDICAPPED GRID DRAIN UNIT 17GA A=2-3/16",B=1-3/8",C=4-13/16",D=4-1/2"



407049
DISHWASHER BRANCH TAILPIECE 1-1/2 X 8 22 GA-3/4-S/7/8 OD DIRECT CONNECT

BRASS TUBULAR



407051
SLIP JOINT DISHWASHER BRANCH 1-1/2" X 8" 20GA 3/4" SWT (7/8 OD)



407052
SLIP JOINT DISHWASHER BRANCH 1-1/2" X 8" 20 GA 1/2" SWT (5/8 OD)



407050
DIRECT CONNECT DISH WASHER TAILPIECE 1-1/2" X 8" 22 GA 1/2" SWT (5/8 OD)



400700
BRASS WASTE & OVERFLOW SHOE 1-3/8" X 16 FINE THREADS 1-1/2" OVERFLOW, 4-1/2" TUBE



406858
BRASS TRAP FEMALE ADAPTER 1-1/2" FIP X 1-1/2" OD

406803
BRASS TRAP FEMALE ADAPTER 1-1/2" FIP X 1-1/4" OD



406863
BRASS TRAP MALE ADAPTER 1-1/2" MIP X 1-1/2" OD

NOTES:

BATHTUB WASTE



407019
DRAIN SHOE PLUG WASHER, RUBBER 2-3/4"OD X 1-7/8"ID X 1/8"THICK



404446
OVER FLOW WASHER BEV. 3"OD X 1-7/8"ID

404445
OVER FLOW WASHER BEV. 3-3/16"OD X 2-3/8"ID



407006
OVERFLOW GASKET-SPONGE RUBBER 2-1/8" ID X 3-5/16" OD



400050
TUB FACE PLATE W/COIL SPRING TRIP LEVER W/SCREWS CP

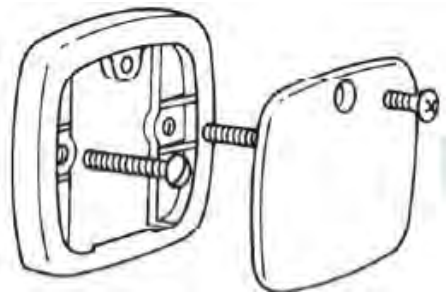


402580
TUB DRAIN STRAINER COVER 2-7/8" WITH SCREW



400175
TUB OVERFLOW FACE PLATE 2 HOLE W/ SCREWS

401515
TUB OVERFLOW FACE PLATE ONE HOLE W/ SCREWS



808005
STERLING BATH DRAIN FACE PLATE ASSEMBLY



400701
TRIP LEVER TWO-HOLE BATH WASTE 1-1/2" DRAIN 20 GAUGE BRASS



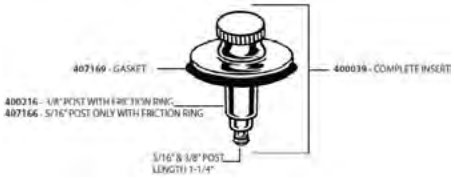
406941
TUB DRAIN BUCKET & LINKAGE BRASS UNIVERSAL FIT ALL

808085
TUB DRAIN BUCKET & LINKAGE PVC FOR PRICE PFISTER



400180
TUB FACE PLATE SCREW 2" X 1/4" X 20 THD PHILLIPS HEAD

400081
TUB FACE PLATE SCREW 1-1/2" X 1/4" - 20 THREAD SLOTTED HEAD



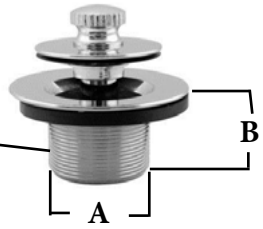
806450
1/4 PUSH-PULL TUB STOPPER INSERT



805840
SNAP & PRESS STOPPER 3/8" THREAD RAPID FIT C.P.

TUB STOPPER UNITS, LIFT & TURN , PUSH-PULL, TIP TOE & RAPID FIT

THREADS PER INCH.
USE THREAD GAUGE
#**200001** TO DETERMINE.



ACTUAL SIZE	TRADE DESIGNATION	(B) STRAINER BODY DEPTH	ACS PART NUMBER	
			LIFT AND TURN	PUSH-PULL WTC
1-5/8" OD, 16 THDS	1-3/8", 16 THDS	1-3/8"	**400374**/JRM	**402080**
1-7/8"OD, 11-1/2 THDS		1-3/8"	**402056**/GER	
1-7/8"OD 11-1/2 THDS	1-1/2", 11-1/2 THDS	1-1/4"	**400218**/JRM	**402070**
1-7/8"OD 11-1/2 THDS	1-1/2", 11-1/2 THDS	1"	**400220**/JRM	
1-7/8"OD 11-1/2 THDS	1-1/2", 11-1/2 THDS	1-3/16"	**408220**/GEN	
1-5/8" OD, 14 THDS		1-1/16"	**406983**/IBR	
1-5/8" OD, 14 THDS	1-3/8", 14 THDS	1-3/8"		**402072**
1-5/8" OD, 14 THDS	1-3/8", 14 THDS	1-1/4"	**402457**/SAY	
1-3/4" OD, 14 THDS WITH BUSHING		1-1/8"		**402073**
1-7/8" OD, 14 THDS WITH BUSHING		1-3/8"		**402074**
1-13/16" OD, 16 THDS WITH BUSHING		1-3/8"		**402455**
1-5/8" OD, 16 THDS	1-3/8", 16 THDS	1-1/8"	**400217**/JRM	**402071**
1-7/8" OD, 16 THDS		1-1/4"	**406884**/GEN	
2-1/8" OD, 16 THDS WITH BUSHING	LARGE KOHLER	1-3/8"	**406884**	**402075**
1-3/4" OD, 12 THDS		1-3/8"		**402076**
1 5/8 OD, 16 THDS	1-3/8", 16 THDS			**402082**
1-5/8" OD, 16 THDS	TIP TOE	1-3/8"	**400035**	TIP TOE
1-7/8"OD 11-1/2 THDS	TIP TOE	1-3/8"	**400030**	TIP TOE
1-7/8"OD 11-1/2 THDS	RAPID FIT	1-3/8"	**409102**	RAPID FIT

BATHTUB WASTE



805840
SNAP & PRESS STOPPER 3/8" THREAD RAPID FIT C.P.
406943
TIP TOE STG STOPPER GASKET-R 149



400030
TIP TOE STOPPER UNIT 1-1/2"X 11-1/2 THREADS
807925
TIP-TOE DRAIN STOPPER ONLY 5/16" THREAD C.P.



400035
TIP-TOE TUB STOPPER UNIT 1-3/8" 16 THDS
807925
TIP-TOE DRAIN STOPPER ONLY 5/16" THREAD C.P.



807925
TIP-TOE DRAIN STOPPER 5/16" THREAD C.P.



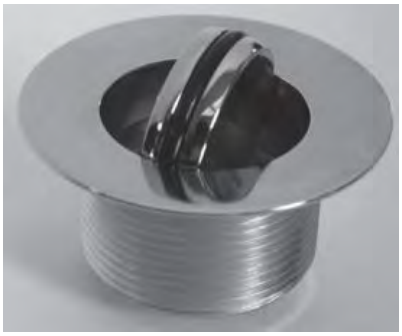
400159
TIP-TOE DRAIN STOPPER 3/8" THREAD C.P.



402056
LIFT AND TURN STOPPER-GERBER 1-7/8" OD X 11-1/2 THDS
402057
LIFT AND TURN STOPPER ONLY-GERBER
801823
O-RING #53



402077
TUB DRAIN BUSHING SMALL 1 7/8" X 11 1/2" OD BODY THD 1-5/8" X 16 OD BUSHING THDS



402058
PRESSFLO TUB CLOSURE ASSY. BRASS BODY PLASTIC STOPPER CUP AND SILICONE



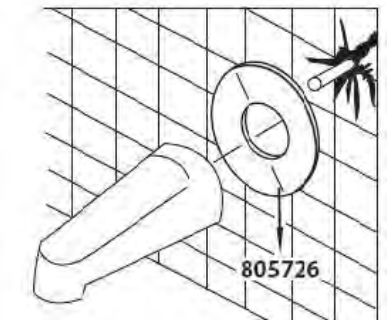
402085
LIFT & TURN STOPPER-GLUE IN 3" OD FLANGE (1-3/8" OD X 3/8" DEEP)
700022
EPOXY POUCH



402570
FLIP-IT TUB STOPPER CHROMEUNIVERSAL WITH 10 O-RINGS

NOTES: _____

BATHTUB SPOUTS



805726
COVER PLATE FOR TUB SPOUT 3-1/2" OD X 1-3/4" ID-CP



400275
DIVERTERLESS TUB SPOUT 1/2" IPS INLET 5-1/8" LENGTH

500586
TUB SPOUT 3/4" FRONT MOUNT W/ 1/2" REDUCER BUSHING NO DIVERTER



400352
UNIVERSAL FIT TUB SPOUT WITH DIVERTER

400353
UNIVERSAL FIT TUB SPOUT NO DIVERTER



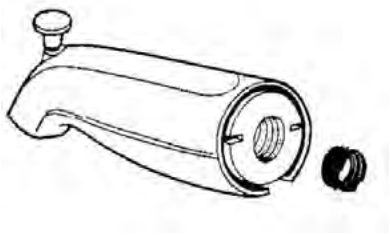
400080
TUB DIV SPOUT CHROME 1/2" IPS INLET 5-3/8" SPOUT LENGTH

400042
TUB DIV SPOUT CHROME 3/4" IPS INLET



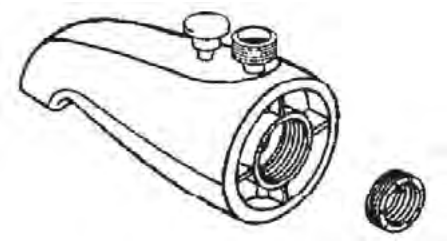
400065
TUB DIVERTER SPOUT W/BOTTOM SET SCREW 1/2" SLIP CONN 5-3/8" SPOUT

407996
TUB DIV SPOUT SLIP TYPE FOR 1/2" COPPER, MOEN



400041
TUB DIVERTER SPOUT W/1 ADJ. & 1/2" X 3/4" PVC BUSHING TELESCOPIC 5-3/8" LENGTH

400921
3/4" X 1/2" BRASS FACE BUSHING FOR TUB SPOUT



801710
TUB DIV. SPOUT W/TOP 1/2" IPS HOSE CONN. FOR SPRAYER W/3/4 X 1/2" BUSHING-REAR MT



402081
DELTA DIVERTER TUB SPOUT 1/2" FIP CONNECTION W/1" ADJ



407996
TUB DIV SPOUT SLIP TYPE FOR 1/2" COPPER, MOEN



400274
TUB SPOUT DIV MIXET W/1/2"" SLIP CONN. FOR COPPER



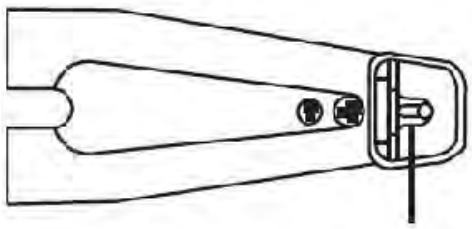
808819
DELTA PULL DOWN STYLE DIVERTER SPOUT W/1/2" FIP CONN. W/1" ADJ.



400060
TUB DIVERTER SPOUT 1/2" SLIP INLET DIE-CAST 5-1/8" SPOUT NO DIVERTER

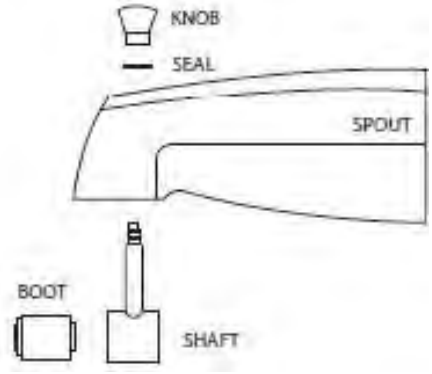
BATHTUB SPOUTS





TO REMOVE OLD GATE USE SIDE CUTTERS OR NEEDLE NOSE PLIERS TO BEND OR CUT ONE LEG AWAY FROM NOTCH IN LIFT ROD.

406916
SPOUT DIVERTER REPAIR KIT W/ KNOB-ZNP



401280
DELTA SPOUT DIVERTER REP KIT
(WHILE SUPPLIES LAST - DISCONTINUED)

ESCUTCHEONS

SPLIT FLANGE ESCUTCHEONS (CHROMED PLASTIC)

401455 FOR 3/8"IRON PIPE OR 1/2"COPPER PIPE, 2-1/2"OD
401520 1/2" IPS X 2-3/4" OD
404540 3/4" IPS X 3" OD
404530 1/2" CWT X 2-1/2" OD
406895 1" IPS X 3-1/4" OD
401521 1-1/4" CWT X 3-1/4" OD
401522 1-1/4" IPS X 3-1/2" OD
401450 1-1/2" IPS X 4-1/4" OD
404545 2" CWT X 4-1/2" OD





406928
STEEL BOX FLANGE 1-1/4" OD (1" NOM) CHROME
406929
STEEL BOX FLANGE 1-1/2" OD (1-1/4" NOM) CHROME

NOTES: _____

LAVATORY POP-UP STOPPERS



400223
AMERICAN STANDARD



407890
AMERICAN STANDARD



406934
FOR B&K IMPORTS



400037
FOR CENTRAL BRASS



808138
5" X 1-3/8" FITS DELTA & PEERLESS



400077
ELJER CAST BRASS W/O O-RING



401511
4-1/8" X 1-1/4" FITS GERBER/ SAYCO



803651
ASSEMBLY W/ADJ. LENGTH ROD



407850
FOR KOHLER



400821
FOR KOHLER



804917
MOEN GRAY



803945
MOEN STOPPER W/FLANGE



400822
3-5/8" X 1-1/4" FITS PRICE PFISTER



400823
4-/18" X 1-1/4" FITS SAYCO



401022
UNIVERSAL 4-1/2" X 1-3/8"



407024
FOR VALLEY

FERNCO FITTINGS



402765
FLEXIBLE ELBOW W/ S.S. CLAMP 1-1/2" X 1-1/2"



402775
FLEXIBLE TEE W/ S.S. CLAMPS 1-1/2" X 1-1/2" X 1-1/2"



402770
FLEXIBLE TRAP W/ S.S. CLAMPS 1-1/2"



CLEAN OUT OR TEST CAP

402780 1-1/2"
402790 2"
402865 3"
402870 4"



402895
FLEXIBLE TRAP CONNECTOR WITH S.S. CLAMPS 1-1/2" X 1-1/2" OR 1-1/4"

402900
FLEXIBLE TRAP CONNECTOR W/ S.S. CLAMPS 2" X 1-1/2" OR 1-1/4"



408021
3" SEWER RELIEF PLUG

408022
4" SEWER RELIEF PLUG

NO HUB COUPLING

400315 1-1/2"
400320 2"
402915 3"
402920 4"
403341 2"X1-1/2"
403342 3"X2"
403343 4"X3"



FLEXIBLE COUPLING WITH STAINLESS STEEL CLAMPS

400031 1-1/4"X1-1/4"
402875 1-1/2"X1-1/2"
402880 2"X2"
408660 2" X 1-1/2"
408661 3"X2"
408662 4"X3"
402890 4"X4"
408663 6"X4"
408664 6"X6"



HOSE CLAMPS - STAINLESS STEEL

804840 # 4, 7/32" TO 5/8" - 1/4" W
804841 #6, 7/16" TO 25/32" - 1/4" W
804842 #8, 1/2" TO 29/32" - 1/2" W
404786 #10, 9/16" TO 1-1/16" 1/2" W
404802 #12, 11/16" TO 1-1/4"
804843 #16, 13/16" TO 1-1/2"
804844 #20, 13/16" TO 1-3/4"
804845 #24, 1-1/16" TO 2"
804846 #28, 1-5/16" TO 2-1/4"
804847 #32, 1-9/16" TO 2-1/2"
404803 #36 1-13/16" TO 2-3/4"
404804 #40, 2-1/16" TO 3"
404805 2-15/16"-TO 3-1/4"
404806 2-9/16"-3-1/2"
404808 3-1/16"- 4"
404809 3"-5" W/ 1/2" BAND
404810 3-9/16"- 4-1/2" MARINE GRADE
404811 1-7/8" X 5"



CLEANOUT COVERS

PVC SCHEDULE 40 RECESSED HEAD CLEANOUT PLUG



406232 2”
400971 3”
400972 3-1/2”
400970 4”
407124 6”

PVC SCHEDULE 40 CLEANOUT PLUG



400975 1-1/2”
407100 2”
400940 3”
400974 4”
407125 6”



BRASS CLEAN OUT PLUG RAISED HEAD

ACS#	TRADE SIZE	*O.D.
403115	1-1/4”	
404030	1-1/2”	1-7/8”
406866	2”	2-3/8”
406867	2-1/2”	3-13/16”
404015	3”	3-3/8”
404305	3-1/2”	3-15/16”
404025	4”	4-7/16”
404041	5”	5-1/2”
404042	6”	6-9/16”
404043	8”	



BRASS CLEAN OUT PLUG RECESSED HEAD

ACS#	TRADE SIZE	*O.D.
406865	1-1/2”	1-7/8”
404023	2”	2-3/8”
406868	2-1/2”	2-13/16”
404010	3”	3-3/8”
404005	3-1/2”	3-15/16”
404096	4”	4-7/16”
404690	5”	5-1/2”
408236	6”	6-9/16”
404044	8”	



205508
STANDARD CLEAN OUT PLUG WRENCH SET (10 PIECES) W/ EXTENSION HANDLE & BOX

ATLANTIC COASTAL SUPPLY INC.
ACSPARTS.NET (800) 520 - 0556

EXPANSION PLUGS



COUNTER SUNK EXPANSION PLUG

012563 1/2”
012560 2”
012564 2-1/2”
012479 3”
012509 3-1/2”
012480 4”



STAINLESS COUNTER SUNK EXPANSION PLUG

945533 1/2”
945532 2”
945534 2-1/2”
945530 3”
945535 3-1/2”
945531 4”



HOOKED TAMPER PROOF SECURITY EXPANSION PLUG

945541 2-1/2”
945545 3”
945539 3-1/2”
945538 4”

ATLANTIC COASTAL SUPPLY INC.
ACSPARTS.NET (800) 520 - 0556

NOTES: _____

TEST PLUGS

TEST PLUG

*FITS CAST IRON AND PLASTIC PIPE
*GALVANIZE STEEL FLANGES
*MOLDED RUBBER GASKET

404221 1-1/2”
404210 2”
404215 3”
404220 4”
404225 5”
404230 6”



T-CONE TEST PLUG

*TEST UP TO THREE FLOORS AT ONCE
*COMBINATION TEST PLUG AND CLEANOUT
*FITS SCHEDULE 40 DWV PIPE
*POSITIVE SEALING
*NO METAL PARTS TO RUST

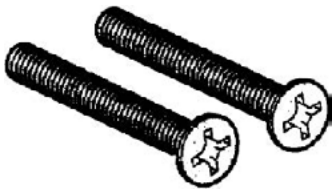
406706 1-1/2”
406707 2”
403903 3”
403904 4”
406708 6”





405160
SURE VENT AIR ADMITTANCE VALVE W/1-1/2” PVC 6 DFU CAPACITY

403116
SURE VENT AIR ADMITTANCE VALVE W/ 3” X 4” SCH 40 PVC ADAPTER 500 DFU



406104
SS BOLT FOR COVER PLATE 1/4”X2-1/4”

406105
SS BOLT FOR COVER PLATE 1/4”X4”

406106
SS BOLT FOR COVER PLATE 1/4”X6”



HEAVY DUTY CLEANOUT COVER PLATE, STAINLESS STEEL FOR FLOOR AND WALL

408120 3” DIAMETER
408121 4” DIAMETER
406836 5” DIAMETER
408122 6” DIAMETER
406837 7” DIAMETER
408123 8” DIAMETER
406838 10” DIAMETER

NOTES:

SLIP JOINT ADAPTERS AND FITTINGS



400226
SJ NUT 1-1/4" PVC/SPLIT W/ WASHER
400227
SJ NUT 1-1/2" PVC/SPLIT W/ WASHER JRM



408926
SJ NUT W/WASHER 1-1/4" PVC
407014
SJ NUT W/WASHER 1-1/2" PVC



406896
SJ COUPLING 1-1/2" PVC



401490
SJ TEE 1-1/2" PVC



406875
SJ 45° ELBOW 1-1/2"



401495
SJ 90° ELBOW 1-1/2"



404475
SJ NUT WITH EARS 1-1/4" PVC
404470
SJ NUT WITH EARS 1-1/2" PVC



401555
DISPOSAL KIT PVC 1-1/2" X 16"



802099
SLIP JOINT WASHER KIT

QTY	PART NO.	DESCRIPTION
6	402100	SLIP JOINT WASHER- FLANGED
48	800001	1-1/2" MALE SLIP JOINT WASHER
12	800002	1-1/2" SLIP JOINT WASHER
48	800005	1-1/4" SLIP JOINT WASHER
12	800010	1-1/4" x 1-1/2" SLIP JOINT WASHER
6	800095	1-1/4" POLY SLIP JOINT WASHER
6	800100	1-1/2" BEVELED POLY SLIP JOINT WASHER
6	800105	1-1/2" FLANGED POLY WASHER
12	800825	SLIP JOINT WASHER 2
24	800830	1-1/2" SLIP JOINT WASHER
12	800835	1-1/4" SLIP JOINT WASHER



406871 - 1-1/4" SJ x 1-1/2" SWT (FITS OVER PIPE)
406958 - 1-1/2" SJ x 1-1/2" SWT (FITS OVER PIPE)
406956 - 1-1/4" SJ x 1-1/2" SWT (FITS INSIDE PIPE)
406955 - 1-1/2" SJ x 1-1/2" SWT (FITS INSIDE PIPE)



800095 -1-1/4" POLY BEVELED WASHER
800100 -1-1/2" POLY BEVELED WASHER
800110 -1-1/2" x 1-1/4" POLY BEVELED WASHER
402195 -2" POLY BEVELED WASHER
800105 -1-1/2" FLANGED POLY WASHER
402100 -1-1/2" FLANGED WASHER SOFT RUBBER

PLASTIC TUBULAR



400023
P-TRAP PVC 1-1/4”
400225
P-TRAP PVC 1-1/4” W/ 1-1/2” J-BEND
400210
P-TRAP PVC 1-1/2” (WITH TRAP ADAPTOR)



403334
REPAIR TRAP PVC 1-1/2” X 1-1/2”



401235
SINK WASTE UNIT PVC CENTER OUTLET 1- 1/2” X 16”



407165
1-1/4” PVC J-BEND
407141
1-1/2” PVC J-BEND W/ REDUCING WASHER
404729
1-1/2” PVC J-BEND WITH CAPTIVE NUT



000691
COMPLETE STRAINER TRAP UNIT (LEFT)
402101
S-TRAP PVC 1-1/2
402102
S-TRAP PVC 1-1/4



401485
CENTER OUTLET TEE W/4” TAILPIECE 1-1/2” PVC



406981
END OUTLET WASTE PVC TELESCOPIC 12” TO 16” WITH BAFFLE TEE



401480
WASHING MACHINE CONN. TRAP 1-1/2” SCHED. 40 PVC 20” LENGTH



400760
1-1/2” X 6” FLANGED PVC TAILPIECE ONE END
406924
1-1/2” X 12” FLANGED PVC TAILPIECE ONE END
400765
1-1/2” X 16” DOUBLE-END FLANGED TAILPIECE

PLASTIC TUBULAR



400770
PVC DISHWASHER BRANCH TAILPIECE SLIP JOINT TYPE 1-1/2" X 8" FOR 5/8" BRANCH



400780
DOUBLE-END EXTENSION TUBE SLIP JOINT 1-1/2" X 16"



407012
1-1/2" X 12" EXTENSION TUBE PVC W/ NUT

400775
1-1/2" X 8" EXTENSION TUBE PVC W/ NUT

408775
1-1/4" X 6" SLIP EXTENSION TUBE



401502
FLEXIBLE PVC TAILPIECE SJ EXTENSION TUBE 1-1/2" X 12"

401501
FLEXIBLE PVC TAILPIECE EXTENSION TUBE 1-1/4" X 8"



405024
3/4" PVC RUNNING TRAP SLIP X SLIP



405040
PVC CONDENSATE P-TRAP SLIP X SLIP 3/4"



804795
1-1/2" SCHEDULE 40 PVC P-TRAP

804796
2" PVC SCHEDULE 40 PVC P-TRAP



804797
1-1/2" SCHED. 40 P-TRAP W/UNION NUT SWT X SWT

804800
2" SCHED. 40 P-TRAP W/ UNION NUT SWT X SWT



409002
1-1/2" SCH 40 PVC P-TRAP WITH CLEANOUT



405002
END OUTLET WASTE PVC 1-1/2" X 16" SLIP JOINT CONN.

405005
END OUTLET WASTE PVC 1-1/2" X 16" DIRECT CONNECT

PVC SNAP LOCK FITTINGS



MALE CONNECTOR

ACS#	TUBE OD	Thread NPTF
20-050P	5/32	1/8
20-046P	5/32	1/4
20-052P	3/16	1/8
20-054P	1/4	1/8
20-055P	1/4	1/4
20-531P	5/16	1/4
20-056P	1/4	3/8
20-532P	5/16	3/8
20-057P	3/8	1/8
20-058P	3/8	1/4
20-059P	3/8	3/8
20-062P	3/8	1/2
20-061P	1/2	3/8
20-063P	1/2	1/2



UNION CONNECTOR

ACS#	TUBE OD	TUBE OD
20-018P	5/32	5/32
20-702P	3/16	3/16
20-019P	1/4	1/4
20-703P	5/16	5/16
20-020P	3/8	3/8
20-021P	1/2	1/2



REDUCING UNION

ACS#	TUBE OD	TUBE OD
20-750P	1/4	3/16
20-751P	5/16	5/32
20-752P	5/16	3/16
20-753P	5/16	1/4
20-754P	3/8	3/16
20-755P	3/8	1/4
20-756P	3/8	5/16
20-757P	1/2	5/16
20-758P	1/2	3/8



UNION ELBOW

ACS#	TUBE OD
20-151P	5/32
20-704P	3/16
20-152P	1/4
20-155P	5/16
20-153P	3/8
20-154P	1/2



FIXED ELBOW

ACS#	TUBE OD	Thread NPTF
20-068P	1/4	1/8
20-069P	1/4	1/4
20-070P	1/4	3/8
20-072P	3/8	1/4
20-073P	3/8	3/8



REDUCING BRANCH TEE

ACS#	TUBE OD ENDS	TUBE OD BRANCH
20-724P	1/2	3/8
20-725P	3/8	1/4



UNION TEE

ACS#	TUBE OD
20-026P	5/32
20-027P	3/16
20-028P	1/4
20-031P	5/16
20-029P	3/8
20-030P	1/2



FEMALE CONNECTOR

ACS#	TUBE OD	Thread NPTF
20-993P	1/4	1/8
20-035P	1/4	1/4
20-944P	3/8	1/8
20-036P	3/8	1/4



EXPANSION COUPLING

ACS#	IPS	BODY Length
406611	1/2”	5-3/4”
406612	3/4”	6-3/4”
406613	1”	7-3/4”
401715	1-1/2”	10”
406637	2”	10-1/2”



REDUCING ELBOW

ACS#	TUBE OD	TUBE OD
20-730P	5/16	5/32
20-731P	5/16	3/16
20-732P	5/16	1/4
20-733P	3/8	3/16
20-734P	3/8	1/4
20-735P	3/8	5/16
20-736P	1/2	3/8

PVC SCHEDULE 40 DWV FITTINGS



PVC SCHEDULE 40 REPAIR COUPLING
CONTINUOUS SLIP
NO STOP
MADE IN THE USA

SIZE	
1-1/2"	407088
2"	407089
3"	407210
4"	407211



PVC SCHEDULE 40 1/4 BEND
STREET ELL
SPIGOT x HUB
MADE IN THE USA

SIZE	
1-1/2"	409822
2"	407212
3"	407213
4"	407214



PVC SCHEDULE 40 1/4 BEND
MADE IN THE USA

1-1/2"	401385
2"	407087
3"	407215
4"	407216
6"	407217



PVC SCHEDULE 40 SLIP CAP
MADE IN THE USA

SIZE	
1-1/2"	400601
2"	008829
3"	407218
4"	407219
6"	407220



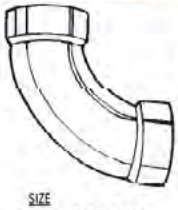
PVC SCHEDULE 40 COUPLING
S x S
MADE IN THE USA

SIZE			
1-1/2"	400043	1-1/2" x 2"	407264
2"	407260	1 1/2" x 3"	407265
3"	407261	3" x 2"	407266
4"	407262	4" x 3"	407267
6"	407263		



PVC SCHEDULE 40 1/4 BEND
90° ELL
CLOSET ELL
HUB x HUB
MADE IN THE USA

SIZE	
4" x 3"	407224



PVC SCHEDULE 40 LONG SWEEP 1/4 BEND
90° ELL
HUB x HUB
MADE IN THE USA

SIZE	
1-1/2"	407091
2"	407090
3"	407225
4"	407226



PVC SCHEDULE 40 1/4 BEND
90° ELL
CLOSET ELL
FTG x HUB
MADE IN THE USA

SIZE	
4" x 3"	407227



PVC SCHEDULE 40 1/4 BEND
LONG SWEEP
SPIGOT x HUB
MADE IN THE USA

SIZE	
1-1/2"	407221
2"	407222
3"	407223



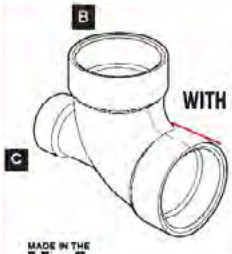
PVC SCHEDULE 40 1/8 BEND
45° ELL
HUB x HUB
MADE IN THE USA

SIZE	
1-1/2"	407092
2"	407093
3"	407230
4"	407231
6"	407232



PVC SCHEDULE 40 1/16 BEND STREET ELL
22-1/2° ELL
FTG x HUB
MADE IN THE USA

SIZE	
1-1/2"	407233
2"	407234
3"	407235
4"	407236



PVC SCHEDULE 40 90° ELBOW
WITH LOW HEEL INLET, H x H x H
MADE IN THE USA

(AxBxC) SIZE	
3" x 3" x 2"	407258
4" x 4" x 2"	407259



PVC SCHEDULE 40 1/8 BEND STREET ELBOW
45° SPIGOT x HUB
MADE IN THE USA

SIZE	
1-1/2"	409824
2"	407237
3"	407238
4"	407239
6"	407240



PVC SCHEDULE 40 1/6 BEND
60° ELL HUB x HUB
MADE IN THE USA

SIZE	
1-1/2"	407241
2"	407242
3"	407243
4"	407244



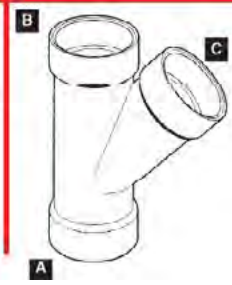
PVC SCHEDULE 40 90° VENT ELL
HUB x HUB
MADE IN THE USA

SIZE	
1-1/2"	407228
2"	407229
3"	400044



PVC SCHEDULE 40 1/16 BEND
22-1/2° ELL HUB x HUB

SIZE	
1-1/2"	407245
2"	407246
3"	407247
4"	407248



45 DEG WYE PVC SCHD 40

(AxBxC) SIZE	
1-1/2"	407094
2"	407095
3"	407249
4"	407250
6"	407251

(AxBxC) SIZE	
2" x 2" x 1-1/2"	407252
3" x 3" x 1-1/2"	407253
3" x 3" x 2"	407254
4" x 4" x 2"	407255
4" x 4" x 3"	407256
6" x 6" x 4"	407257

PVC SCHEDULE 40 PRESSURE FITTINGS



PVC
SLIP CAP

1/2"-401740
3/4"-401739
1"-407085
1-1/4"-400598
1-1/2"-400601
2"-008829
3"-407218



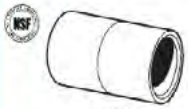
PVC
PLUG
SPIGOT

1/2"-406674
3/4"-406675



PVC 90°
SLIP ELBOW

1/2"-400345
3/4" X 1/2"-406676
3/4"-400380
1" X 1/2"-406677
1"-407078
1-1/4"-405015
1-1/2"-405016
2"-405017
2-1/2"-406678
3"-008232



PVC
COUPLING
SLIP x SLIP

1/2"-405000
3/4"-400390
1"-407076
1-1/4"-405003
1-1/2"-405004
2"-407122
2-1/2"-404021
3"-008229



PVC 90°
COMBINATION
ELBOW
SLIP x FEMALE THREAD

1/2"-406679
3/4" X 1/2"-406680
3/4"-407115
1" X 1/2"-406681
1" X 3/4"-406682
1"-406683
1-1/4"-406684
1-1/2"-406685
2"-406686



PVC 90°
STREET ELBOW
SPIGOT x SLIP

1/2"-404644
3/4"-404633
1"-406687
1-1/4"-406688
1-1/2"-406689
2"-406690



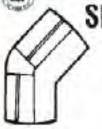
PVC
FEMALE PIPE
COUPLING

1/2"-406691
3/4"-406692



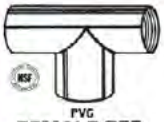
PVC 90°
ELBOW
FEMALE PIPE x
FEMALE PIPE

1/2"-406693
3/4"-406694



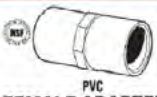
PVC 45°
SLIP ELBOW

1/2"-400350
3/4"-400385
1"-407079
1-1/4"-406695
1-1/2"-408250
2"-406696
2-1/2"-406698
3"-406699



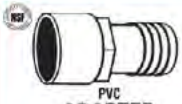
PVC
FEMALE TEE

1/2"-406719
3/4"-406720



PVC
FEMALE ADAPTER
SLIP x FEMALE

1/2"-405018
3/4"-400400
1"-405020
1-1/4"-405021
1-1/2"-405022
2"-405023



PVC
ADAPTER
SLIP x INSERT

3/4"-406721
1"-406722



PVC THREADED
REDUCING BUSHING
MIP X FIP

3/4" X 1/2"-406723
1" X 3/4"-406724
1-1/4" X 1"-406725
1-1/2" X 1-1/4"-406726
2" X 1-1/2"-406727



PVC
MALE ADAPTER
SLIP x MALE

1/2"-405006
3/4" X 1/2"-404007
3/4"-400395
1"-404955
1" X 3/4"-406728
1" x 1-1/4"-406729
1-1/4" x 1"-406730
1-1/4" x 1-1/2"-406731
1-1/4"-401008
1-1/2"-405010
2"-405011

(AXBXC)
SIZE



PVC SLIP X
SLIP X FIP
TEE

1/2"-406732
3/4" X 3/4" X 1/2"-406733
3/4"-406734
1" X 1" X 3/4"-406735
1"-407080
1-1/4" X 1-1/4" X 1/2"-406737
1-1/4" X 1-1/4" X 3/4"-407441
1-1/4"-406738



PVC 90° STREET
ELBOW
SLIP x MALE

1/2"-406739
3/4"-407116
1"-406740
1-1/4"-406741
1-1/2"-406742



PVC THREADED
PIPE CAP

1/2"-406743
3/4"-406744



PVC
THREADED PLUG

1/2"-406745
3/4"-406746



PVC
SLIP CROSS

1/2"-406747
3/4"-406748



PVC
SLIP TEE

(AXBXC)
SIZE

1/2"-403791
3/4" X 3/4" X 1/2"-406749
3/4"-400375
1" X 1" X 1/2"-406750
1" X 1" X 3/4"-406751
1"-407000
1-1/4" X 1-1/4" X 3/4"-406752
1-1/4" X 1-1/4" X 1"-406753
1-1/4"-406754
1-1/2" X 1-1/2" X 1/2"-406755
1-1/2" X 1-1/2" X 3/4"-406756
1-1/2" X 1-1/2" X 1"-406757
1-1/2"-406758
2"-407077



PVC
SLIP BUSHING
SPG X SLIP

3/4" X 1/2"-405025
1" X 1/2"-405026
1" X 3/4"-405027
1-1/4" X 1/2"-405028
1-1/4" X 3/4"-405029
1-1/4" X 1"-405030
1-1/2" X 3/4"-405031
1-1/2" X 1"-405032
1-1/2" X 1-1/4"-407084
2" X 1/2"-405033
2" X 3/4"-405034
2" X 1"-405035
2" X 1-1/4"-405036
2" X 1-1/2"-405037
2-1/2" X 2"-405038
3" X 2-1/2"-405039



PVC
BUSHING
SPG X FIP

3/4" X 1/2"-408847
1" X 1/2"-402647
1" X 3/4"-401999
1-1/4" X 1/2"-406759
1-1/4" X 3/4"-400599
1-1/4" X 1"-406760
1-1/2" X 3/4"-406761
1-1/2" X 1"-406762
1-1/2" X 1-1/4"-401998
2" X 3/4"-406763
2" X 1"-406764
2" X 1-1/4"-406765
2" X 1-1/2"-401997

CPVC FITTINGS



CPVC
000403 1/2”
000404 3/4”
000405 3/4” X 1/2”
400311 1”



CPVC 90º ELBOW
000406 1/2”
000407 3/4”
400312 1”



CPVC 90º
000408 1/2”
000409 3/4”



CPVC 45º STREET ELBOW
404536 1/2”
404537 3/4”



CPVC 45º ELBOW
000410 1/2”
000411 3/4”
400313 1”



CPVC END CAP
000421 1/2”
000422 3/4”
000395 1”



CPVC BUSHING
000416 3/4” X 1/2”
401601 1” X 1/2”
401676 1” X 3/4”



CPVC MALE ADAPTOR S X M
000417 1/2”
000418 3/4”
401600 1”



000419 1/2”
000420 3/4”



SANITARY TEE SCHEDULE 40 PVC DWV
407656 1-1/2”
408814 2”
401282 3”



CPVC TEE

ACS#	A	B	C
404539	1/2”	1/2”	1/2”
000413	3/4”	3/4”	3/4”
000414	3/4”	1/2”	1/2”
000415	3/4”	3/4”	1/2”
000425	3/4”	1/2”	3/4”
406008	1”	1”	3/4”
000458	1”	1”	1”
000455	1-1/4”	1-1/4”	1-1/4”

NOTES: _____

PUSH TO CONNECT FITTINGS



REDUCING TEE
402327 3/4" x 3/4" x 1/2"
402328 3/4" x 1/2" x 3/4"
402329 3/4" x 1/2" x 1/2"
402340 1" x 1" x 3/4"
402380 1/2" x 1/2" x 3/8"



TEE
402301 1/2" x 1/2" x 1/2"
402302 3/4" x 3/4" x 3/4"
402339 1" x 1" x 1"
402379 3/8" X 3/8" x 3/8"



STRAIGHT ADAPTER
402375 3/8" x 1/2" FNPT
402376 3/8" x 1/2" MNPT
402310 1/2" x 1/2" FNPT
402312 1/2" x 1/2" MNPT
402311 3/4" x 3/4" FNPT
402314 3/4" x 3/4" MNPT
402332 1" x 1" x FNPT
402333 1" x 1" MNPT



ELBOW
402305 1/2" x 1/2"
410267 1" x 3/4"
402306 3/4" x 3/4"
402307 3/4" x 1/2"
402338 1" x 1"
402377 3/8" x 3/8"



REDUCING COUPLING
402304 3/4" x 1/2"
402331 1" x 3/4"
402374 1/2" x 3/8"



STRAIGHT COUPLING
402300 1/2"
402303 3/4"
402330 1"
402373 3/8"



ELBOW DROP EAR
402318 1/2" x 1/2" FNPT
402378 3/8" x 1/2" FNPT



END STOP
402315 1/2"
402317 3/4"
402342 1"



HY-EAR ELBOW
402346 1/2" x 1/2" FNPT



FITTING REDUCERS
402349 1/2" X 1"
402353 3/4" X 1"



DISCONNECT TONGS
402321 1/2"
402322 3/4"
402345 1"



DISCONNECT CLIPS
402308 1/2"
402309 3/4"
402343 1"



CONTRACTOR KIT
402320 INCLUDES MOST POPULAR FITTINGS ALONG WITH SAFE SEAL TOOL DISCONNECT TONGS AND CLIP



SAFE SEAL TOOL
402323 FOR USE WITH 1/2", 3/4", AND 1"



REGULATOR-PVR VALVE (all bronze body)
10-70 PSI RANGE AT 45 PSI MAX INLET OF 400 PSI
402347 1/2"
402348 3/4"



BALL VALVE
402324 1/2"
402325 3/4"
403613 1"

SHARKBITE® PVC FITTINGS



PVC TRANSITION COUPLINGS
005856 1/2”CTS X 1/2”PVC
005859 3/4”CTS X 3/4”PVC
005860 1”CTS X 1”PVC



PVC TRANSITION SLIP TEES
005861 1/2”CTS X 1/2”CTS X 1/2”PVC
005874 1/2”PVC X 1/2”PVC X 1/2”CTS
005862 3/4”CTS X 3/4”CTS X 3/4”PVC
005876 3/4”PVC X 3/4”PVC X 3/4”CTS
005863 1”CTS X 1”CTS X 1”PVC
005877 1”PVC X 1”PVC X 1”CTS

PVC DEPTH GAUGE & DISCONNECT CLIPS
005871 1/2”PVC
005872 3/4”PVC
005873 1”PVC



PVC SLIP COUPLINGS
005864 1/2”PVC X 1/2”PVC
005865 3/4”PVC X 3/4”PVC
005866 1”PVC X 1”PVC



PVC MALE ADAPTERS
005867 1/2”PVC X 1/2”MNPT
005868 3/4”PVC X 3/4”MNPT
005869 1”PVC X 1”MNPT

COPPER FITTINGS



COPPER COUPLING C X C W/STOP
003051 3/8”
401415 1/2”
403303 5/8”
403302 5/8” x 1/2”
401528 3/4”
401529 3/4” x 1/2”
404004 - 1”
409487 1-1/4”
409884 1-1/2”
400004 2”



COPPER ELBOW-SHORT 90º C X C
400317 1/8”
400269 1/4”
003052 3/8”
400224 1/2” x 3/8”
401360 1/2”
401545 3/4”
401553 3/4” x 1/2”
400012 1”
403354 1-1/4”
407998 1-1/2”
406011 2”



COPPER ELBOW 90º LONG RADIUS
406710 1/4”
406711 3/8”
406712 1/2”
406713 5/8”
406714 3/4”
406715 1”



BRASS FEMALE ELBOW 90º C X FPT
401527 1/2” X 1/2”
401526 1/2” X 3/4”
401525 3/4” X 3/4”
400009 1/2” X 3/8”
400011 3/8” X 1/2”
407148 1” X 1”



COPPER 90º STREET ELBOW FT X C SHORT
401546 1/2”
401547 3/4”
404020 1”
406452 1-1/2”



BRASS MALE ELBOW 90º C X MPT
407013 1/2”
406999 3/4”
407147 1”

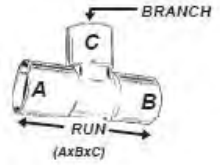


BRASS DROP EAR ELBOW 90º C X FPT
400003 1/2” C X 3/8” FIP
400002 1/2” C X 1/2” FIP
407184 3/4” C X 3/4” FIP



COPPER UNION SWT X SWT
406185 1/4”
406184 3/8”
402925 1/2”
402930 3/4”
402957 1”
402958 1-1/4”
402959 1-1/2”
402960 2”

COPPER FITTINGS



COPPER TEE C X C X C

ACS#	A	B	C
405557	1/4”		
003050	3/8”		
401365	1/2”		
401551	3/4”		
401552	3/4”	1/2”	1/2”
400281	3/4”	1/2”	3/4”
400208	1/2”	1/2”	3/4”
400207	3/4”	3/4”	1/2”
401132	1”		
403349	1-1/4”		
403389	1-1/2”		
403390	2”		



CAST DRAIN COUPLING C X C

402935 1/2”
402940 3/4”



MALE ADAPTER C X MIP

402571 3/8” X 3/8”
400343 3/8” X 1/2”
401741 1/2” X 3/8”
401540 1/2” X 1/2”
401530 1/2 X 3/4”
400344 5/8” X 3/4”
400279 3/4” X 1/2”
401541 3/4” X 3/4”
401743 3/4” X 1”
404681 1” X 3/4”
400284 1” X 1”
403348 1-1/4” X 1-1/4”
401742 1-1/2” X 1-1/2”
403665 2” X 2”



COPPER TUBE CAP

408702 3/8”
404201 1/2”
400287 3/4”
400288 1”
400289 1-1/2”
403346 1-1/4”
402956 2”



45º DEGREE ELBOW C X C

400337 1/4”
400338 3/8”
401548 5/8”
003055 3/4”
402063 7/8”
402067 1”
400285 1-3/8”
400339 1-1/2”
401136 2”



FEMALE ADAPTER C X FIP

403200 3/8” X 3/8”
400331 1/2” X 3/8”
400332 1/2” X 1/4”
401542 1/2” X 1/2”
400333 1/2” X 3/4”
400334 3/4” X 1/2”
401543 3/4” X 3/4”
400336 1” X 3/4”
400280 1” X 1”
403347 1-1/4” X 1-1/4”
400283 1-1/2” X 1-1/2”
406487 2” X 2”



45º STREET ELBOW FTG X C

401549 1/2”
403917 3/4”
403918 1”
403919 1-1/4”



COPPER REDUCER FITTING FTG X C

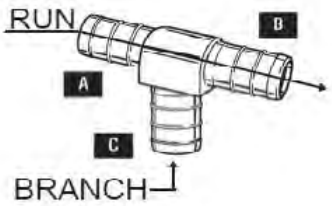
405800 3/8” X 1/4”
400051 1/2 X 1/4”
400341 1/2” X 3/8”
400278 5/8” X 1/2”
400342 3/4 X 1/2”
003054 3/4” X 5/8”
400052 1” X 1/2”
400013 1 X 3/4”
400053 1-1/4” X 3/4”
400014 1-1/4” X 1”
400054 1-1/2” X 3/4”
400277 1-1/2” X 1”
400276 1-1/2” X 1-1/4”
400057 2” X 3/4”
400056 2” X 1”
400055 2” X 1-1/4”
400282 2” X 1-1/2”

QESTPEX FITTINGS & ADAPTERS



PEX COUPLING BRASS
BARB X BARB

400068 3/8”
409811 1/2”
400069 3/4” x 1/2”
409812 3/4”
403911 1”
409828 1/2” x 3/8”



PEX TEE BRASS
BARB X BARB X BARB

ACS #	A	B	C
409813	1/2”		
400070	1/2”	1/2”	3/4”
401406	3/4”	1/2”	1/2”
403196	3/4”	1/2”	3/4”
409814	3/4”		
403197	3/4”	3/4”	1/2”



PEX MALE ADAPTER BRASS
BARB X MIP

409816 3/4”
409815 1/2”
409849 1/2” X 3/4”



PEX FEMALE ADAPTER BRASS
BARB X FEMALE SWEAT

400072 1/2”
400073 3/4”



PEX FEMALE ADAPTER BRASS
BARB X FIP

409817 1/2”
409818 3/4”



PEX MALE ADAPTER BRASS
BARB X MALE SWEAT

409810 1/2”
400071 3/4”



PEX ELBOW BRASS
BARB X BARB

409819 1/2”
409820 3/4”



PEX CRIMP RINGS BLACK COPPER

400074 3/8”
940146 1/2”
940147 3/4”



PEX ADAPTER
POLY X PEX

407962 1/2”
401562 3/4”

CRIMP RINGS BRIGHT COPPER
FOR POLYBUTYLENE TUBING

409838 3/8”
940163 1/2”
940164 3/4”



*NOTES:
-FITS QESTPEX CROSS-LINKED POLYETHYLENE TUBING.
-FITTINGS CONTAIN 3 BARBS

NIPPLES



CHROME PLATED NIPPLES

407793 3/8" x CLOSE
808016 3/8" x 1-1/2"
407062 3/8" x 2"
808017 3/8" x 2-1/2"
407176 3/8" x 3"
808018 3/8" x 3-1/2"
407061 3/8" x 4"
808019 3/8" x 4-1/2"
407177 3/8" x 5"
808020 3/8" x 5-1/2"
407412 3/8" x 6"
407059 3/8" x 8"
404315 1/2" x CLOSE
404320 1/2" x 1-1/2"
400228 1/2" x 2"
400229 1/2" x 2-1/2"
404325 1/2" x 3"
404330 1/2" x 3-1/2"
404335 1/2" x 4"
404340 1/2" x 4-1/2"
404345 1/2" x 5"
404350 1/2" x 5-1/2"
404355 1/2" x 6"
407902 1/2" x 12"
400498 1/2" x 36"
407086 3/4" x CLOSE
407065 3/4" x 2"
407901 3/4" x 3"
407064 3/4" x 4"
404943 3/4" x 4-1/2"
407063 3/4" x 6"
407293 3/4" x 10"
407294 3/4" x 14"
407292 3/4" x 22"
404711 1" x CLOSE
403051 1" x 2"
403052 1" x 3"
403054 1" x 4"
404670 1" x 4-1/2"
403055 1" x 10"
805160 1-1/4" x 6"
404173 1-1/2" x CLOSE



RED `BRASS NIPPLES

401104 1/8" x CLOSE
401105 1/4" x CLOSE
407169 1/4" x 2"
401004 1/4" x 3"
401106 3/8" x CLOSE
404085 3/8" x 1-1/2"
404090 3/8" x 2"
404095 3/8" x 2-1/2"
404105 3/8" x 3"
404100 3/8" x 3-1/2"
404110 3/8" x 4"
404115 3/8" x 4-1/2"
404120 3/8" x 5"
404125 3/8" x 5-1/2"
404130 3/8" x 6"
401107 1/2" x CLOSE
404140 1/2" x 2"
404145 1/2" x 2-1/2"
404150 1/2" x 3"
404155 1/2" x 3-1/2"
404160 1/2" x 4"
404165 1/2" x 4-1/2"
404170 1/2" x 5"
404175 1/2" x 5-1/2"
404180 1/2" x 6"
404185 3/4" x CLOSE
404190 3/4" x 1-1/2"
404195 3/4" x 2"
404200 3/4" x 2-1/2"
404205 3/4" x 3"
404050 3/4" x 3-1/2"
404055 3/4" x 4"
404060 3/4" x 4-1/2"
404065 3/4" x 5"
404070 3/4" x 5-1/2"
404075 3/4" x 6"



CHROME PLATED RISER NIPPLES

801148 3/8" x 12"
801668 3/8" x 18"
803990 3/8" x 24"
400064 1/2" x 16"
400059 1/2" x 18"
400063 1/2" x 32"
400062 1/2" x 38"

NOTES: _____

GALVANIZED STEEL NIPPLES



QUALITY GALVANIZED STEEL NIPPLES - DIAMETERS OF 1/8"-2" MEETS ASTM A-53 SPECS

401602 1/8" x CLS
401603 1/8" x 1-1/2"
401604 1/8" x 2"
401605 1/8" x 2-1/2"
401606 1/8" x 3"
401607 1/8" x 3-1/2"
401608 1/8" x 4"
401609 1/8" x 5"
401610 1/8" x 6"

401611 1/4" x CLS
401612 1/4" x 1-1/2"
401613 1/4" x 2"
401614 1/4" x 2-1/2"
401615 1/4" x 3"
401616 1/4" x 3-1/2"
401617 1/4" x 4"
401618 1/4" x 5"
401619 1/4" x 6"
401620 1/4" x 8"
401621 1/4" x 10"
401622 1/4" x 12"

401623 3/8" x CLS
401624 3/8" x 1-1/2"
401625 3/8" x 2"
401626 3/8" x 2-1/2"
401627 3/8" x 3"
401628 3/8" x 3-1/2"
401629 3/8" x 4"
401630 3/8" x 4-1/2"
401631 3/8" x 5"
401632 3/8" x 5-1/2"
401633 3/8" x 6"
401634 3/8" x 8"
401635 3/8" x 10"
401636 3/8" x 12"

404510 1/2" x CLS
404509 1/2" x 1-1/2"
404508 1/2" x 2"
404507 1/2" x 2-1/2"
404506 1/2" x 3"
404505 1/2" x 3-1/2"
404504 1/2" x 4"
404503 1/2" x 4-1/2"
404502 1/2" x 5"
404501 1/2" x 5-1/2"
404500 1/2" x 6"
401637 1/2" x 7"
401638 1/2" x 8"
401639 1/2" x 9"
401640 1/2" x 10"
401641 1/2" x 11"
401642 1/2" x 12"

404521 3/4" x CLS"
404520 3/4" x 1-1/2"
404519 3/4" x 2"
404518 3/4" x 2-1/2"
404517 3/4" x 3"
404516 3/4" x 3-1/2"
404515 3/4" x 4"
404514 3/4" x 4-1/2"
404513 3/4" x 5"
404452 3/4" x 5-1/2"
404511 3/4" x 6"
401643 3/4" x 7"
401645 3/4" x 8"
401646 3/4" x 9"
401647 3/4" x 10"
401648 3/4" x 11"
401649 3/4" x 12"

407808 1" x CLS
407809 1" x 2"
407810 1" x 2-1/2"
407811 1" x 3"
401651 1" x 3-1/2"
401652 1" x 4"
401653 1" x 4-1/2"
406317 1" x 5"
401654 1" x 5-1/2"
402609 1" x 6"
401655 1" x 8"
401658 1" x 10"
401659 1" x 12"

402610 1-1/4" x CLS
407812 1-1/4" x 2"
407813 1-1/4" x 2-1/2"
407814 1-1/4" x 3"
401477 1-1/4" x 3-1/2"
401478 1-1/4" x 4"
401479 1-1/4" x 4-1/2"
401481 1-1/4" x 5"
401482 1-1/4" x 5-1/2"
401483 1-1/4" x 6"
403980 1-1/4" x 8"
403981 1-1/4" x 10"
401660 1-1/4" x 12"

401375 1-1/2" x CLS
407815 1-1/2" x 2"
407816 1-1/2" x 2-1/2"
401374 1-1/2" x 3"
401661 1-1/2" x 3-1/2"
401373 1-1/2" x 4"
402054 1-1/2" x 4-1/2"
401372 1-1/2" x 5"
401662 1-1/2" x 5-1/2"
401371 1-1/2" x 6"
401663 1-1/2" x 8"
401664 1-1/2" x 10"
401666 1-1/2" x 12"

400153 2" x CLS
400028 2" x 2-1/2"
400029 2" x 3"
401667 2" x 3-1/2"
402611 2" x 4"
401668 2" x 4-1/2"
401669 2" x 5"
400774 2" x 5-1/2"
402612 2" x 6"
401670 2" x 8"
401671 2" x 10"
401672 2" x 12"

BLACK IRON PIPE NIPPLES



QUALITY BLACK STEEL NIPPLES
DIAMETERS OF 1/4"-2"
MEETS ASTM A-53 SPECS

405117 1/4" x CLS
405118 1/4" x 1-1/2"
405119 1/4" x 2"
405602 1/4" x 2-1/2"
405120 1/4" x 3"
405603 1/4" x 3-1/2"
405121 1/4" x 4"
405122 1/4" x 5"
405123 1/4" x 6"
401620 1/4" x 8"
401621 1/4" x 10"
401622 1/4" x 12"

405124 3/8" x CLS
405125 3/8" x 1-1/2"
405126 3/8" x 2"
405127 3/8" x 3"
405128 3/8" x 4"
405129 3/8" x 4-1/2"
405130 3/8" x 5"
405131 3/8" x 6"
406058 3/8" x 8"
406059 3/8" x 10"
406060 3/8" x 12"

406450 1/2" x CLS
405065 1/2" x 1-1/2"
409449 1/2" x 2"
405068 1/2" x 2-1/2"
409450 1/2" x 3"
405071 1/2" x 3-1/2"
405072 1/2" x 4"
406061 1/2" x 4-1/2"
406497 1/2" x 5"
406099 1/2" x 5-1/2"
008833 1/2" x 6"
406062 1/2" x 7"
406063 1/2" x 8"
406064 1/2" x 9"
406065 1/2" x 10"
406066 1/2" x 12"

406451 3/4" x CLS"
405066 3/4" x 1-1/2"
405069 3/4" x 2"
405070 3/4" x 2-1/2"
406067 3/4" x 3"
406068 3/4" x 3-1/2"
406069 3/4" x 4"
405562 3/4" x 4-1/2"
406498 3/4" x 5"
406070 3/4" x 5-1/2"
406071 3/4" x 6"
406072 3/4" x 8"
406073 3/4" x 9"
406074 3/4" x 10"
406075 3/4" x 12"

405067 1" x CLS
402216 1" x 2"
402217 1" x 2-1/2"
402218 1" x 3"
402219 1" x 3-1/2"
402220 1" x 4"
402221 1" x 4-1/2"
402222 1" x 5"
008831 1" x 5-1/2"
401449 1" x 6"
406076 1" x 8"
406077 1" x 10"
406078 1" x 12"

406079 1-1/4" x CLS
008830 1-1/4" x 2"
405605 1-1/4" x 2-1/2"
406697 1-1/4" x 3"
406080 1-1/4" x 4"
406499 1-1/4" x 5"
406081 1-1/4" x 6"
406082 1-1/4" x 8"
406083 1-1/4" x 10"
406084 1-1/4" x 12"
406085 1-1/2" x CLS
008832 1-1/2" x 2"
406086 1-1/2" x 3"
406087 1-1/2" x 4"
406088 1-1/2" x 5"
406089 1-1/2" x 6"
406090 1-1/2" x 8"

406091 2" x CLS
008834 2" x 2-1/2"
406092 2" x 3"
406093 2" x 4"
405141 2" x 5"
000944 2" x 6"
406094 2" x 8"
406095 2" x 12"

SMALL BLACK IRON NIPPLES

405595 1/8" x 3/4" CLOSE
403201 1/8" x 1-1/2"
405596 1/8" x 3"
405597 1/8" x 3-1/2"
405598 1/8" x 4"
405599 1/8" x 4-1/2"
405600 1/8" x 5-1/2"
405601 1/8" x 6"

NOTES: _____

CHROME PLATED RED BRASS FITTINGS



COUPLINGS
409900 1/4”
409901 3/8”
404370 1/2”
401223 3/4”
409902 1”
409903 1-1/4””
409904 1-1/2”
409905 2”



90º REDUCING ELBOWS
409923 1/2” x 3/8”
409924 3/4” x 1/2”



REDUCING COUPLINGS
407034 1/2” x 3/8”
407036 3/4” x 1/2”



90º STREET ELBOWS
409925 1/4”
409926 3/8”
409927 1/2”
409928 3/4”
409929 1”
409930 1-1/4”
409931 1-1/2”
409932 2”



UNIONS
409906 1/4”
409907 3/8”
407039 1/2”
407040 3/4”
403053 1”
409908 1-1/4””
409909 1-1/2”
409910 2”



TEES
409933 1/4”
409935 3/8”
404365 1/2”
407025 3/4”
409936 1”
409937 1-1/4””
409938 1-1/2”
409939 2”



45º ELBOWS
409911 1/4”
409912 3/8”
407943 1/2”
409913 3/4”
409914 1”
409915 1-1/4””
409916 1-1/2”
409917 2”



CAPS
409940 1/4”
409942 3/8”
407037 1/2”
407038 3/4”
409943 1”
409944 1-1/4””
409945 1-1/2”
409946 2”



PLUGS
409947 1/4”
409948 3/8”
407032 1/2”
407033 3/4”
409949 1”
409950 1-1/4””
409951 1-1/2”
409952 2”



90º ELBOWS
409919 1/4”
404361 3/8”
404360 1/2”
401009 3/4”
403050 1”
409920 1-1/4””
409921 1-1/2”
409922 2”



HEX BUSHINGS
409953 3/8” X 1/4”
407029 1/2” X 3/8”
407030 1/2” X 1/4”
407106 3/4” X 1/2”
409954 1” X 3/4”
409955 1-1/4” X 1”



STREET ELBOW
409918 1/2”

NOTES: _____



REDUCING TEES
407027 3/4” X 1/2”
407026 1/2” X 3/8”

RED BRASS FITTINGS

RED BRASS CAP



401090 1/8”
401091 1/4”
401092 3/8”
401093 1/2”
401137 3/4”
401138 1”
401141 1-1/4”
401142 1-1/2”
401143 2”

RED BRASS SOLID PLUG



401094 1/8”
401095 1/4”
401096 3/8”
401097 1/2”
401098 3/4”
401099 1”
400118 1-1/4”
400119 1-1/2”
400121 2”

RED BRASS CORED PLUG



XXXXXX 1/8”
XXXXXX 1/4”
XXXXXX 3/8”
400125 1/2”
400126 3/4”
400127 1”
400128 1-1/4”
400129 1-1/2”
400130 2”

RED BRASS UNION



401100 1/8”
401101 1/4”
401102 3/8”
401103 1/2”
409050 3/4”
400131 1”
400132 1-1/4”
400133 1-1/2”
400134 2”

RED BRASS HEX BUSHING



404017 1/4” x 1/8”
401112 3/8” x 1/8”
400006 3/8” x 1/4”
401088 1/2” x 1/8”
401087 1/2” x 1/4”
401086 1/2” x 3/8”
403505 3/4” x 1/4”
401236 3/4” x 3/8”
401234 3/4” x 1/2”
400209 1“ x 3/8”
400211 1” x 3/4”
400213 1-1/4” x 1”
400231 1-1/2” x 1”
400234 1-1/2” x 1-1/4”
400236 2” x 1-1/4”
400237 2” x 1-1/2”

RED BRASS REDUCER COUPLING



400179 1/4” x 1/8”
400181 3/8” x 1/8”
400184 3/8” x 1/4”
401116 1/2” x 1/4”
401115 1/2” x 3/8”
400187 3/4” x 3/8”
400188 3/4” x 1/2”
400194 1” x 1/2”
400196 1” x 3/4”
400197 1-1/4” x 3/4”
400199 1-1/4” x 1”
400201 1-1/2” x 1”
400202 1-1/2” x 1-1/4”
400203 2” x 1-1/4”
400204 2” x 1-1/2”

RED BRASS LOCKNUT



401193 1/2”
400239 1/4”

RED BRASS REDUCING TEE



400291 3/4
400292 1” X 3/4”

RED BRASS FITTINGS

RED BRASS 90º ELBOW



401007 1/4”
404735 3/8”
404746 1/2”
404730 3/4”
404731 1”
400117 1-1/4”
404732 1-1/2”
400116 2”

RED BRASS 45º STREET ELBOW



400252 1/8”
400253 1/4”
400254 3/8”
400257 1/2”
400258 3/4”
400259 1”
400262 1-1/4”
400263 1-1/2”
400264 2”

RED BRASS 90º STREET ELBOW



400136 1/8”
400137 1/4”
400138 3/8”
400139 1/2”
400143 3/4”
400144 1”
400146 1-1/4”
409627 1-1/2”
400148 2”

RED BRASS TEE



400266 1/8”
404018 1/4”
401583 3/8”
404000 1/2”
404749 3/4”
400267 1”
400268 1-1/4”
404022 1-1/2”
200269 2”

RED BRASS 90º REDUCING ELBOW



404733 3/8” x 1/8”
400147 3/8” x 1/4”
400156 1/2” x 1/4”
400157 1/2” x 3/8”
400158 3/8” x 1/4”
400161 3/4” x 1/2”
400162 1” x 1/2”
400164 1” x 3/4”
400166 1-1/4” x 3/4”
400167 1-1/4” x 1”
400168 1-1/2” x 1”
400169 1-1/2” x 1-1/4”
400170 2” x 1-1/4”
400171 2” x 1-1/2”

RED BRASS COUPLING



400303 1/8”
400304 1/4”
404752 3/8”
404753 1/2”
404754 3/4”
404561 1”
404562 1-1/4”
404563 1-1/2”
404564 2”

RED BRASS 45º ELBOW



400172 1/8”
400173 1/4”
404745 3/8”
404740 1/2”
404747 3/4”
400174 1”
400176 1-1/4”
400177 1-1/2”
400178 2”

RED BRASS CROSS



400293 1/8”
400294 1/4”
400295 3/8”
400296 1/2”
400297 3/4”
400298 1”
400299 1-1/4”
400301 1-1/2”
400302 2”

GALVANIZED MALLEABLE FITTINGS

45º BANDED ELBOW 150 PSI



405423 3/8”
405424 1/2”
405425 3/4”
405426 1”
405427 1-1/4”
405428 1-1/2”
405429 2”

45º STREET ELBOW 150 PSI



405445 1/2”
405446 3/4”
405447 1”
405448 1-1/4”



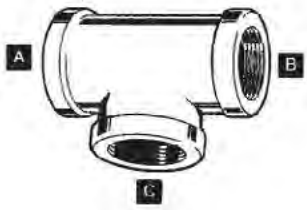
BANDED COUPLINGS 150 PSI

405403 1/8”
405404 1/4”
405405 3/8”
402601 1/2”
402602 3/4”
402603 1”
402604 1-1/4”
407818 1-1/2”
402605 2”
405406 1/4” x 1/8”
405407 3/8” x 1/4”
405408 1/2” x 1/4”
405409 1/2” x 3/8”
405410 3/4” x 3/8”
405411 3/4” x 1/2”
405412 1” x 1/2”
405413 1” x 3/4”
405414 1-1/4” x 3/4”
405415 1-1/4” x 1”
405416 1-1/2” x 3/4”
405417 1-1/2” x 1”
405418 1-1/2” x 1-1/4”
405419 2” x 3/4”
405420 2” x 1”
405421 2” x 1-1/4”
405422 2” x 1-1/2”



90º BANDED ELBOW 150 PSI

405430 1/8”
405431 1/4”
405432 3/8”
405589 1/2”
405590 3/4”
405591 1”
405142 1-1/4”
405146 1-1/2”
402606 2”
405433 1/2” x 3/8”
405434 3/4” x 1/2”
405435 1” x 3/4”



BANDED TEE 150 PSI (size A X B X C)

405449 1/8”
405450 1/4”
405451 3/8”
405452 1/2”
405453 3/4”
405454 1”
401944 1-1/4”
401370 1-1/2”
400027 2”
405456 1/2” x 1/2 x 3/4”
405457 3/4” x 3/4 x 1/2”
405458 3/4” x 1/2” x 1/2”
405459 3/4”x 1/2” x 3/4”
405461 1” x 1” x 3/4”
405460 1-1/4” x 1-1/4” x 1”



90º STREET ELBOW 150 PSI

405436 1/8”
405437 1/4”
405438 3/8”
405439 1/2”
405440 3/4”
405441 1”
405442 1-1/4”
405443 1-1/2”
405444 2”



BANDED CAP 150 PSI

405462 1/8”
403360 1/4”
401703 3/8”
406001 1/2”
406002 3/4”
401222 1”
406003 1-1/4”
406004 1-1/2”
406005 2”



MERCHANT COUPLINGS 150 PSI

405463 1/4”
405464 3/8”
405465 1/2”
405466 3/4”
405467 1”
405468 1-1/4”
405469 1-1/2”
405470 2”

GALVANIZED MALLEABLE FITTINGS



BUSHING 150 PSI

406015 1/4" x 1/8"
403586 3/8 x 1/8"
401211 3/8" x 1/4"
406019 1/2" x 1/8"
406020 1/2" x 1/4"
406006 1/2" x 3/8"
406021 3/4" x 1/8"
406022 3/4" x 1/4"
406023 3/4" x 3/8"
406007 3/4" x 1/2"
406024 1" x 1/4"
406025 1" x 3/8"
406026 1" x 1/2"
406008 1" x 3/4"
406027 1-1/4" x 1/2"
406028 1-1/4" x 3/4"
406029 1-1/4" x 1"
406030 1-1/2" x 1/2"
406031 1-1/2" x 3/4"
406032 1-1/2" x 1"
406033 1-1/2" x 1-1/4"
406034 2" x 3/4"
406035 2" x 1"
406036 2" x 1-1/4"
406037 2" x 1-1/2"

UNION BRASS TO IRON SEAT 150 PSI

406041 1/4"
406042 3/8"
406043 1/2"
406044 3/4"
406045 1"
406046 1-1/4"
406047 1-1/2"
401405 2"



FLOOR FLANGE 150 PSI

406048 1/2"
406049 3/4"
406050 1"
406051 1-1/4"
406052 1-1/2"
406046 2"
406047 1-1/2"
401405 2"



BANDED CROSS 150 PSI

406054 1/4"
406055 1/2"
406056 3/4"
406057 1"



PLUG 150 PSI

406038 1/8"
403361 1/4"
401704 3/8"
404771 1/2"
401139 3/4"
406039 1"
405101 1-1/4"
401706 1-1/2"
406040 2"



ATLANTIC COASTAL SUPPLY INC.
ACSPARTS.NET (800) 520 - 0556

BLACK MALLEABLE FITTINGS



90º BANDED ELBOW 150 PSI

405593 1 /8”
405132 1/4”
405133 3/8”
406009 1/2”
406010 3/4”
408864 1”
407600 1-1/4”
407601 1-1/2”
407602 2”
407603 1/2” x 3/8”
407604 3/4” x 1/2”
407605 1” x 1/2”
407606 1” x 3/4”
407607 1-1/4” x 1”



45º BANDED ELBOW 150 PSI

407631 1/4”
407632 3/8”
407633 1/2”
407634 3/4”
407635 1”
407636 1-1/4”



90º BANDED STREET ELBOW 150 PSI

407637 1/4”
407638 3/8”
407640 1/2”
407641 3/4”
407642 1”
008828 1-1/4”
407643 2”



45º STREET ELBOW 150 PSI

407633 1/2”
407634 3/4”
407635 1”



BANDED TEE 150 PSI

405137 1/4”
405138 3/8”
408858 1/2”
408859 3/4”
408860 1”
407608 1-1/4”
407609 1-1/2”
407610 2”
407611 1/2” x 1/2” x 3/8”
407612 3/4” x 1/2” x 1/2”
407613 3/4” x 1/2” x 3/4”
407614 3/4” x 3/4” x 1/2”
407615 1” x 1” x 1/2”
407616 1” x 1” x 3/4”
407617 1-1/4” x 1-1/4” x 1”
407618 1” x 1/2” x 1/2”
407619 1” x 1/2” x 1”
407620 1” x 3/4” x 1/2”
407621 1” x 3/4” x 3/4”
407622 1” x 3/4” x 1”
407623 1-1/4” x 1-1/4” x 3/4”



BANDED CAP 150 PSI

405052 1/4”
405054 3/8”
409451 1/2”
405056 3/4”
405057 1”
405058 1-1/4”
406127 1-1/2”
406128 2”



BANDED COUPLING 150 PSI

405136 3/8”
405135 1/4”
408861 1/2”
408862 3/4”
408863 1”
406129 1-1/4”
407820 1-1/2”
406130 2”
403203 1/4” x 1/8”
405139 3/8” x 1/4”
406131 1/2” x 1/4”
405140 1/2” x 3/8”
406132 3/4” x 1/2”
406133 1” x 1/2”
406134 1” x 3/4”
406135 1-1/4” x 3/4”
406098 1-1/4” x 1”
406096 1-1/2” x 1-1/4”

MERCHANT COUPLINGS 150 PSI

405059 1/4”
406136 3/8”
405060 1/2”
008837 3/4”
406137 1”
406138 1-1/4”
406139 1-1/2”
406140 2”





FLOOR FLANGE 150 PSI

406145 1/2”
406146 3/4”
406147 1”
406148 1-1/4”
406149 1-1/2”
406150 2”

BLACK MALLEABLE FITTINGS



BUSHING 150 PSI
405594 1/4" x 1/8"
405063 3/8" x 1/4"
402579 1/2" x 1/4"
407821 1/2" x 3/8"
008836 3/4" x 1/4"
407624 3/4" x 3/8"
008835 3/4" x 1/2"
409974 1" x 1/2"
405064 1" x 3/4"
407625 1-1/4" x 3/4"
407822 1-1/4" x 1"
407626 1-1/2" x 1-1/4"
407627 1-1/2" x 3/4"
407628 1-1/2" x 1"
407629 2" x 1-1/4"
407630 2" x 1-1/2"



PLUG 150 PSI
406141 1/8"
405051 1/4"
405053 3/8"
409452 1/2"
405055 3/4"
406142 1"
406143 1-1/4"
402607 1-1/2"
402608 2"



UNION, BRASS TO IRON SEAT 150 PSI
405075 1/8"
406392 1/4"
401013 1/2"
408865 3/4"
408866 1"
405061 1-1/4"
405062 1-1/2"
406144 2"

NOTES:

COMPRESSION COUPLINGS & UNIONS



DIELECTRIC UNION

407046 1/2" FIP x 1/2" SWT
406899 3/4" FIP X 3/4" SWT
407554 3/4" FIP X 1/2" SWT



GALVANIZED COMPRESSION COUPLING

406984
FOR 1/2" IRON PIPE, 4-1/2" LONG
406985
FOR 3/4" IRON PIPE, 4-3/8" LONG
406986
FOR 1" IRON PIPE, 4-5/8" LONG
406987
FOR 1-1/4" IRON PIPE, 4-3/4" LONG
406988
FOR 1-1/2" IRON PIPE, 5-1/8" LONG
407020
FOR 2" IRON PIPE, 4-1/2" LONG

-LONG PATTERN
-MALLEABLE IRON NUTS
-HYDROFORMED STEEL BODY
-RUBBER GASKETS
-RATED 125 PSI AT UP TO 210º F
-IRON PIPE SIZE FOR PIPING OR REPAIRS ON GALVANIZED PIPE
-PIPE MUST BE RESTRAINED AFTER INSTALLATION



BRONZE COMPRESSION COUPLING

406888
3/8" IRON PIPE & 1/2" COPPER, 4-1/2" LONG
401347
1/2" IRON PIPE & 3/4" COPPER, 4-5/8" LONG
401348
3/4" IRON PIPE & 1" COPPER, 5" LONG
406967
1" IRON PIPE & 1-1/4" COPPER, 4-3/4" LONG
406968
1-1/4" IRON PIPE & 1-1/2" COPPER, 4-7/8"LONG
406970
1-1/2" IRON PIPE, 5-1/8" LONG
406969
2" COPPER, 4-5/8" LONG

-BRASS BODY & BRASS NUTS
-RUBBER GASKETS
-RATED 125 PSI AT UP TO 210º F
-FOR USE IN PIPING OR REPAIR OF GALVANIZED OR COPPER PIPE
-PIPE MUST BE RESTRAINED AFTER INSTALLATION



WHITE PVC COMPRESSION COUPLING

401340
1/2" IRON PIPE SIZE & 3/4" COPPER, 5" LONG
401345
3/4" IRON PIPE SIZE & 1" COPPER, 5-1/4" LONG
401346
1" IRON PIPE & 1-1/4" COPPER, 5-7/8" LONG
407194
1-1/4" IRON PIPE & 1-1/2" COPPER, 6-3/8" LONG
407195
1-1/2" IRON PIPE, 6-7/8" LONG
401027
2" IRON PIPE SIZE, 7-1/2" LONG
407196
2-1/2" IRON PIPE, 9-5/8" LONG
401036
3" IRON PIPE, 10-3/4" LONG
407198
4" IRON PIPE, 11" LONG

-PVC BODY & NUTS
-RUBBER GASKETS
-RATED 150 PSI AT 73º F
-IRON PIPE SIZE FOR USE IN PIPING OR REPAIRS ON GALVANIZED OR PLASTIC PIPE
-PIPE MUST BE RESTRAINED AFTER INSTALLATION

NOTE: ALL COUPLINGS 1-1/4" & SMALLER WILL REPAIR BLACK IRON PIPE, GALVANIZED PIPE & PVC PIPE (AS THEY ALL HAVE THE SAME O.D.) OR A DIFFERENT O.D. SIZE FOR COPPER PIPE.



PVC THREADED UNION(FIP X FIP) SCHEDULE 40 WHITE

405666 1/2"
405667 3/4"
405668 1"
405669 1-1/4"
400025 1-1/2"
405670 2"



PVC SOLVENT (SWEAT) UNION SCHEDULE 40 WHITE

405671 1/2"
405672 3/4"
407083 1"
405673 1-1/4"
407081 1-1/2"
407082 2"



COPPER UNION (SWT X SWT)

406185 1/4"
402925 1/2"
402930 3/4"
402957 1"
402958 1-1/4"
402959 1-1/2"
402960 2"

PVC VALVES

PVC BALL VALVE SLIP X SLIP
180 PSI AT 72º, COLD WATER ONLY



400620 1/2”
400625 3/4”
400630 1”
400699 1-1/4”
400667 1-1/2”
400666 2”
406293 3”

PVC BALL VALVE FIP X FIP
180 PSI AT 72º, COLD WATER ONLY



400605 1/2”
400610 3/4”
400615 1”
400671 1-1/4”
400672 1-1/2”
400673 2”



PVC GATE VALVE FIP X FIP
400670 1/2”
400675 3/4”
400670 1”



PVC GATE VALVE SLIP X SLIP
400685 1/2”
400660 3/4”
400665 1”



FULL PORT CPVC BALL VALVE SLIP X SLIP
401019 1/2”
000886 3/4”



PVC SPRING CHECK VALVE SLIP X SLIP 150 PSI
400906 1/2”
400905 3/4”
400674 1”
400677 1-1/4”
404782 1-1/2”
404784 2”



PVC SPRING CHECK VALVE FIP X FIP 150 PSI
400678 1/2”
400679 3/4”
400680 1”
400681 1-1/4”
400682 1-1/2”
404785 2”

NOTES: _____

BALL VALVES



FULL PORT BALL VALVE (REG PATTERN FORGED BRASS) FIP X FIP, 150 WSP, 600 WOG, NON SHOCK

400543 1/2”
400544 3/4”
400546 1”
400547 1-1/2”
400548 2”



FULL PORT BALL VALVE (REG PATTERN FORGED BRASS) SWT X SWT, 150 WSP, 600 WOG, NON SHOCK

400553 1/2”
400554 3/4”
400556 1”
400557 1-1/2”
400558 2”



STANDARD PORT BALL VALVE (FORTED BRASS) FIP X FIP, 125 WSP, 400 WOG

400531 1/2”
400532 3/4”
400533 1”
400534 1-1/2”
400536 2” - 150 w.s.p.



STANDARD PORT BALL VALVE (FORGED BRASS) SWT X SWT, 125 WSP, 400 WOG

400537 1/2”- 150 w.s.p.
400538 3/4”- 150 w.s.p.
400539 1”
400541 1-1/2”
400542 2”



STANDARD PORT BALL VALVE (FORGED BRASS) COMP X COMP, 125 WSP, 400 WOG

400559 1/2”
400561 3/4”
400562 1”



REGULAR PORT THREADED BRONZE BALL VALVE

402099 1/4”
403139 3/8”
403137 1/2”
403138 3/4”
407283 1”
407282 1-1/4”
407281 1-1/2”
407280 2”

GATE VALVES



ECONOMY GATE VALVE, SWEAT, 125 WSP 200 WOG HEAVY PATTERN BRASS

407126 3/8”
400635 1/2”
400640 3/4”
401018 1”
406209 1-1/4”
409540 1-1/2”
406716 2”



ECONOMY GATE VALVE, FIP, 125 WSP, 200 WOG HEAVY PATTERN BRASS

407936 3/8”
404375 1/2”
400645 3/4”
407894 1”
008248 1-1/4”
008253 1-1/2”
406211 2”



HAMMOND GATE VALVE, SWEAT, 125 WSP 200 WOG HEAVY PATTERN BRASS

406203 1/2”
406204 3/4”
406205 1”
406206 1-1/4”
406207 1-1/2”
406208 2”



HAMMOND GATE VALVE, FIP, 125 WSP, 200 WOG HEAVY PATTERN BRASS

406200 1/2”
409672 3/4”
408991 1”
406201 1-1/4”
406202 1-1/2”
400805 2”



ECONOMY GATE VALVE WITH COMPRESSION CONNECTIONS, 125 WSP, 200 WOG

407186 1/2”
407187 3/4”



COMPRESSION (GLOBE) STOP VALVE

402051 1/2” FIP, Central Brass
404373 3/4” FIP, Economy
409941 1” Sweat, NIBCO



COMPRESSION (GLOBE) STOP VALVE WITH COMPRESSION CONNECTION

406961 1/2” Economy
406962 3/4” Economy

NOTES: _____

BRASS CHECK VALVES

BRONZE SWING CHECK VALVE "Y" PATTERN

-150 PSI NPS STEM
-HEAVY CONSTURCTION
-TEFLON FACE ON DISC FOR POSITIVE SEAL
-SOLDER ENDS COMPLY WITH ANSI 516.1B
-300 PSI NON-SHOCK WCG
-SWING TYPE DISC WITH INTEGRAL SEAL
-THREADED ENDS COMPLY W/ANSI 01.24.1
-CAN BE INSTALLED VERTICALLY OR HORIZONTALLY

THREADED

409800 1/2"
409801 3/4"
409802 1"
409803 1-1/4"
409804 1-1/2"
409805 2"



SOLDER

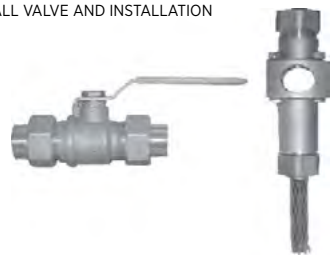
403219 1/2"
409833 3/4"
409834 1"
409704 1-1/4"
409705 1-1/2"
409706 2"



ADD-A-VALVE

DESIGNED FOR SHUTTING DOWN COPPER PIPING, UNDER PRESSURE, WITHOUT HAVING TO SHUT DOWN THE ENTIRE BUILDING. (INCLUDES ADD-A-VALVE, BALL VALVE AND INSTALLATION INSTRUCTIONS)

808064 1/2"
808063 3/4"
808065 1"
808066 1-1/4"
808067 1-1/2"
806443 2"



BRASS SWING CHECK VALVE

-150 PSI NON-SHOCK WOG
-THREADED ENDS COMPLY WITH ANSI B1.20.1
-SOLDER ENDS COMPLY WITH ANSI 516.1B

THREADED

409700 1/4"
408242 3/8"
407188 1/2"
407129 3/4"
407189 1"
407190 1-1/4"
407191 1-1/2"
407192 2"
409701 2-1/2"
409702 3"
409703 4"



SOLDER

407201 1/2"
407202 3/4"
407204 1"
407771 1-1/4"
000769 1-1/2"
405508 2"



SHARKBITE SPRING CHECK VALVE

400452 1/2"
400453 3/4"
400454 1"





304406
3/4" THREADED BRASS, WATTS SPRING CHECK VALVE



407681
1/2" THREADED BRASS, B&K SPRING CHECK VALVE



401443
3/4" THREADED BRASS, B&K SPRING CHECK VALVE



304462
1" THREADED BRASS, WATTS SPRING CHECK VALVE



308862
4" THREADED BRASS, WILKINS SPRING CHECK VALVE

WATER HAMMER ARRESTER

406509 1/2" MIP
406639 3/4" MIP (8-3/4" LONG)
405910 3/4" MIP (12" LONG)
303478 1-1/4" MIP



COPPER PIPE & ACCESSORIES

COPPER TUBING



--TYPE L - HARD
002041 1/2" x 10ft
402558 1/2" x 20ft
002042 3/4" x 10ft
402557 3/4" x 20ft
--TYPE L - SOFT
003093 1/2", 60ft/BOX
003092 3/4", 60ft/BOX
--REFRIGERATION
405100 1/4" O.D., 50ft/BOX



CPVC PIPE (FLOWGUARD GOLD)
HOT OR COLD WATER LINES
MEETS ASTM D 2846 SPECIFICATIONS
(10 FT LENGTHS)

000423 1/2"
000424 3/4"



SEMI-RIGID POLYURETHANE COLORED TUBING FOR PRISON FIXTURES & DRINKING FOUNTAIN REPAIRS (100 FT ROLLS)

402002 1/8" RED
402003 1/8" BLUE
402006 1/8" CLEAR
402007 1/4" BLACK
402008 1/4" CLEAR
402036 3/8" BLUE



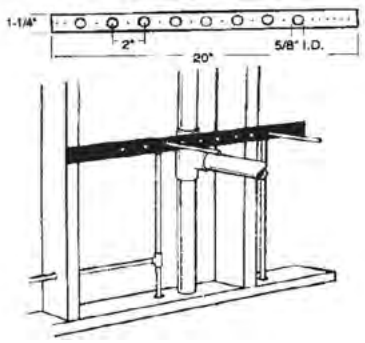
SNAP/QUICK RELEASE CONNECTORS

402010 1/4" STRAIGHT UNION COUPLING
402009 1/8" STRAIGHT UNION/COUPLING
402014 1/4" x 3/8" REDUCING UNION/COUPLING



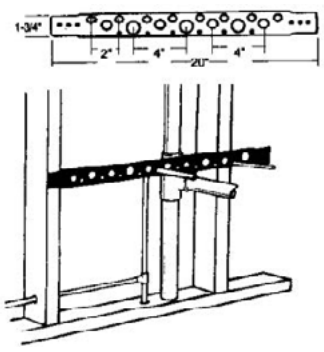
PIPE INSULATION

000554 7/8" O.D. FOR 3/4" CTS, 1" WALL (108FT/CASE)
000553 5/7" O.D. COR 1/2" CTS, 1" WALL (144ft/CASE)
002040 5/8" O.D. FOR 1/2" CTS, 1/2" WALL (240ft/CASE)



HOLDRITE BRACKET 1-1/4" X 20"

000993 COPPER PLATED FOR 1/2" NOMINAL SWEAT, 1/2" NOMINAL HOLES FOR COPPER SWEAT



HOLDRITE BRACKET 1-3/4" X 20"

004018 COPPER PLATED FOR 1/2", 3/4" & 1" COPPER SWEAT

PIPE REPAIR



3” CLAMP SIZE - SINGLE BOLT FOR IRON & GALVANIZED PIPE

200362 3/8” x 3”
200366 1/2” x 3”
200367 3/4” x 3”
200582 1” x 3”
200584 1-1/4” x 3”
200586 1-1/2” x 3”
200588 2” x 3”
200305 2-1/2” x 3”
200310 3” x 3”
200320 4” x 3”



6” CLAMP SIZE - TWO BOLT FOR IRON & GALVANIZED PIPE(CAN BE USED FOR COPPER PIPE)

200580 1/2” x 6”
200581* 3/4” x 6”
200583 1” x 6”
200585 1-1/4” x 6”
200587 1-1/2” x 6”
200589 2” x 6”
200355 2-1/2” x 6”
200360 3” x 6”
200365 4” x 6”

PROVIDES POSITIVE SEAL ON LEAKING PIPES WITH NO LOOSE PARTS. TYPE 304 STAINLESS STEEL, NEOPRENE GASKET, ROLLED EDGES & MALLEABLE IRON LUGS.



PIPE REPAIR KIT FOR USE ON COPPER, STEEL & PVC PIPE, CAST IRON & RUBBER HOSE

200147 2” x 60” ROLL - FOR USE ON PIPE UP TO 1” IN DIAMETER
200148 3” x 120” ROLL - FOR USE ON PIPE OVER 1” IN DIAMETER

-PERMANENTLY REPAIR ANY PIPE OR HOSE IN MINUTES
-REPAIRS DWV & PRESSURIZED PIPES
-WHEN PROPERLY APPLIED, WILL WITHSTAND UP TO 180 PSI & 600º F
-APPLIES LIKE TAPE AND SETS LIKE STEEL EVEN IN WATER!



INSTA-CLAMP SOLDER JOINT REPAIR, QUICKLY SEALS LEAKS ON ALL COPPER PIPE JOINTS-TYPE M, L OR K - QUICK & EASY INSTALL, EXACT FIT

403722 1/2” REPAIR CLAMP
403723 3/4” REPAIR CLAMP
403724 1” REPAIR CLAMP
403727 1-1/4” REPAIR CLAMP
403726 1-1/2” REPAIR CLAMP
403721 2” REPAIR CLAMP
403715 2-1/2” REPAIR CLAMP
403729 3” REPAIR CLAMP
413720 4” REPAIR CLAMP

PIPE INSTALLATION ACCESSORIES



HANGER STRAPS
003090 PVC, 100 FT. ROLL
003089 GALVANIZED 20 GA. 10 FT. ROLL
003091 COPPER CLAD - 3/4" x 100 FT. ROLL

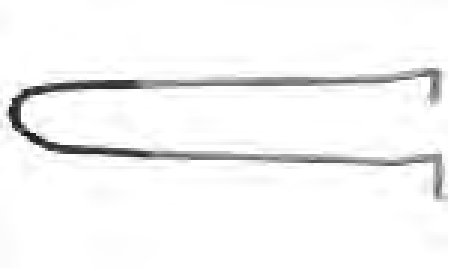


SOLID COPPER STRAPS FOR COPPER PIPE
405007 1/2" (5/8" OD)
405008 3/4" (7/8" OD)

GALVANIZED STRAPS FOR IRON & PVC PIPE
404176 1/2"
404177 3/4"



DWV HANGER STRAP
403921 1-1/2" X 12" 18 GA.
403922 2" X 12" 18 GA.
403923 3" X 12" 16 GA.
403924 4" X 12" 16 GA



WIRE PIPE HANGER (VINYL COATED)
002404 1/2 X 6"
002405 3/4" X 6"



DWV J-HOOKS (10/PACK)
003096 1/2"
003097 3/4"



J-TUBE NAILER COPPER PLATED
402239 1/2" OR 3/4"



HALF PIPE CLAMP (PLASTIC)
403021 1/2"
403001 3/4"
403002 1"



FULL PIPE CLAMP (PVC)
403003 1/2"
403004 3/4"

NOTES:

NOTES: _____

SECTION 9

HARDWARE: FASTENERS, DOOR, TOILET PARTITION, WINDOW, DRAPERY







ATLANTIC COASTAL SUPPLY INC.

WALL ANCHORS



WALL ANCHOR (BANTAM) KIT

940462 (100) 8-10 BANTAM ANCHORS, (100) #8 X 1" SCREWS - (1) 3/16" CARBIDE DRILL BIT

949007 (100) 10-12 BANTAM ANCHORS, (100) #10 X 1" SCREWS - (1) 1/4" CARBIDE DRILL BIT



WALL ANCHORS, PLASTIC, CONICAL (100/BAG)

948003 #6/#8 3/4" (USE WITH 940109 SCREW)

948004 #8/#10 7/8" (USE WITH 940108 SCREW)

948005 #10/#12 1" USE WITH 940106 SCREW)

948006 #14/#16 1-3/8" (USE WITH 940107 SCREW)



TOGGLE BOLT W/MUSHROOM HEAD (100/BX)

949011 1/8" X 3"

949010 1/8" X 2"

949014 1/4" X 3"

949015 1/4" X 4"

949012 3/16" X 3"

949013 1/4" X 3"



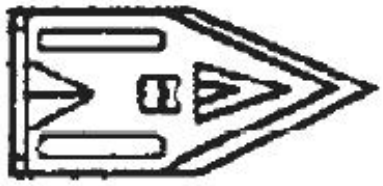
ZIP IT ANCHOR (NYLON)

949023 ZIP IT KIT JUNIOR. INCLUDES (50) SMALL PVC ANCHORS, (50) #6 X 1" SCREWS AND DRILL BIT

949005 ZIP IT KIT, STANDARD SIZE. INCLUDES (50) ANCHORS, (50) #8 X 1" SCREWS AND DRILL BIT.

949022 ZINC ZIP IT KIT (STANDARD SIZE) INCLUDES (50) #8 X 1"SCREWS & ANCHORS AND DRILL BIT.

949004 ZIP IT ANCHORS ONLY, LARGER SIZE (100/BOX)



HOLLOW WALL ANCHOR FOR #6/#8 SCREW

949009 ANCHOR ONLY (100/BX)

949008 ANCHOR KIT W/SCREWS, INCLUDES (50) ANCHORS & (50) SCREWS



POLY TOGGLE SCREW ANCHOR W/SCREWS (100/BX)

949001 3/8"-1/2" WALL

949002 1/2" WALL

949003 5/8"-3/4" WALL



PHILLIPS PAN HEAD SHEET METAL SCREW BRIGHT ZINC PLATING (100/BX)

940109 #6 X 3/4"

940108 #8 X 1"

940106 #10 X 1-1/4

940107 #14 X 1-1/2"



943003

MAGNET CATCH FOR BI-FOLD GLASS MIRROR DOORS IN NEW MOTELS/HOTELS (BROWN)

DOOR HARDWARE



DOOR STOP-RIGID TYPE

940071 IVES (3") BRASS COLOR
940072 IVES (3") ALUMINUM
940056 GENERIC (3") BRASS COLOR
940091 IVES (3-3/4") ALUMINUM



940825
DOOR STOP-SPRING TYPE GENERIC



940761
ANGLE DOOR STOP, SCREW ON TYPE - BRASS FINISH



940055
RUBBER DOOR STOP TIP ONLY, FITS IVES



CHAIN DOOR GUARD

940060 POLISHED BRASS
940610 NICKEL FINISH
940578 BRIGHT CRHOME FINISH W/7" CHAIN



940065
DOOR FRAME MAGNET FOR DOOR CHAIN, SCREW OR SILICONE MOUNT



940605
IVES SURFACE AND SLIDE BOLT PACKED WITH ALL 3 STRIKES, DARK BRONZE/ BROWN FINISH



SECURITY DOOR GUARDS

940351 BRIGHT BRASS
940826 BRUSHED CHROME
940829 ANTIQUE BRASS
940835 POLISHED CHROME



946007
WALL MOUNT DOOR STOP, SATIN FINISH WITH MOUNTING HARDWARE (3-5/8" FROM WALL TO END OF STOP)



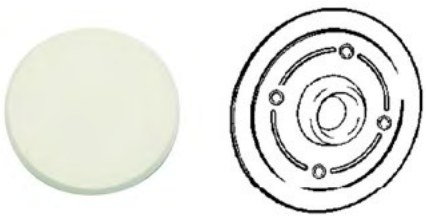
SECURITY DOOR GUARDS

942006 ANTIQUE BRONZE (LIGHT)
940830 ANTIQUE BRONZE (DARK)



DOOR VIEWER ADJUSTABLE 1-15/16" TO 2-1/4", 1/2" BORE SIZE, 160º FIELD OF VISION

940759 CHROME
940758 BRASS



WALL GUARD, ADHESIVE MOUNT

948007 3-1/4" DIAMETER
803135 5" DIAMETER
402945 4" DIAMETER (RAISED TYPE, PICTURE ON RIGHT)

DOOR, MIRROR & WINDOW HARDWARE



948013
WALL DOOR STOP, SATIN ALUMINUM CONCEALED MOUNT, 2-3/8" OD



940656
WALL DOOR STOP, BRIGHT BRASS, CONCEALED MOUNT, 2-3/8" OD

940655
WALL DOOR STOP, BRIGHT BRASS, CONCEALED MOUNT, 1-7/8" OD

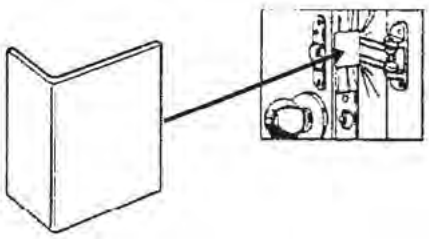


940057
WALL DOOR STOP, WHITE, ADHESIVE MOUNT, 1-7/8" OD

940058
WALL DOOR STOP, GREY, ADHESIVE MOUNT, 1-7/8" OD



940139
WALL DOOR STOP, ANTIQUE BRASS, SCREW MOUNT, 2-3/8" OD



HEAVY CORNER GUARDS FOR SECURITY LATCHES

940076 BRUSHED STAINLESS
941045 BRUSHED ANTIQUE BRASS
940079 DARK BROWN



940075
DOOR SILENCER (IVES) GREY (100/BX)



940112
HINGE PIN DOOR STOP, ADJUSTABLE, BRIGHT NICKEL

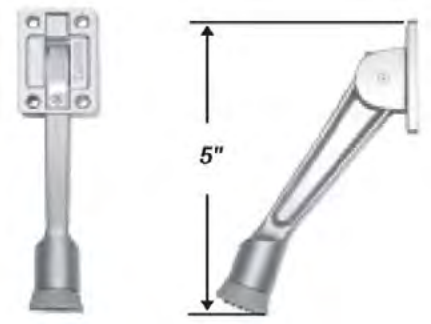


940510
HINGE DOOR STOP, BRASS

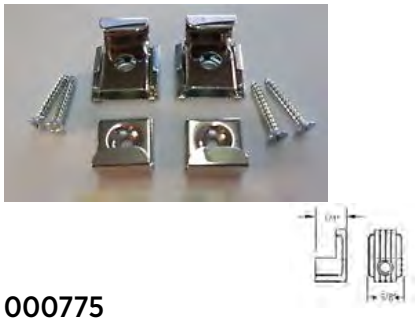


KICK STOP, LIGHT DUTY, 3 SCREW MOUNT

940726 BRONZE FINISH
940725 POLISHED BRASS FINISH
940727 BRUSHED CHROME FINISH
940778 DARK BRONZE FINISH



406879
KICK STOP, HEAVY DUTY, BRASS FINISH



000775
METAL MIRROR CLIP SET W/SCREWS

940827
CLEAR PVC CLIP W/SCREW (PICTURED AT RIGHT BOTTOM) 25/BAG



001894
SINGLE WINDOW LOCK

DRAPERY HARDWARE



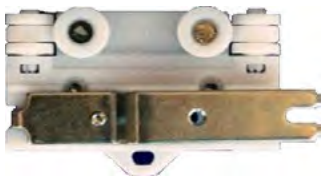
940495
CLIP & CONNECTOR KIT FOR BATON



940096
3' WHITE DRAPERY BATON, FIBERGLASS
940650
5' WHITE DRAPERY BATON, FIBERGLASS



000750
CURTAIN SLIDES



940029
LOCK SLIDE, MULTIWHEEL CARRIER



940097
BALL BEARING CARRIER



940095
HEX SHOULDER SCREW



940733
PIN-ON DRAPERY HOOK, HEAVY DUTY



940031
TRACK END CAP 3/4" X 1"
940011
TRACK END CAP 3/4" X 13/16"



940415
BATON HOLDER



940420
MOLDED CARRIER, FITS ALL STRING DRAW RODS



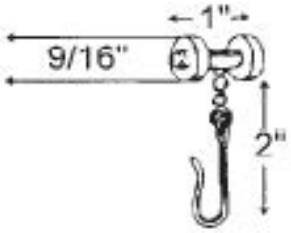
940410
TENSION PULLEY, HEAVY DUTY



006000
WALL MOUNT DRAPERY BRACKET



940099
END STOP WITH SCREW



948012
CURTAIN ROLLER WITH HOOK

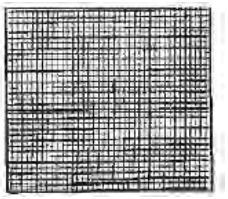


940098
BALL BEARING SLIDE GRABBER WHITE PLASTIC

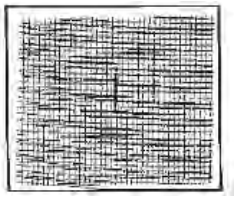


940757
DRAPERY CORD, 600FT

WINDOW SCREENS & COMPONENT PARTS



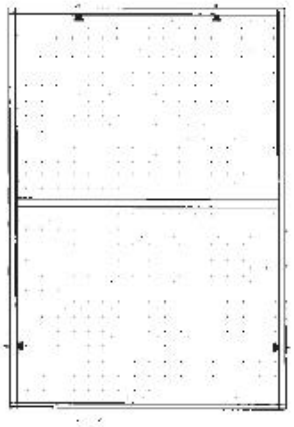
CHARCOAL FIBERGLASS

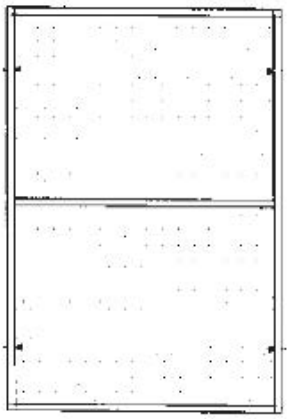


CHARCOAL ALUMINUM

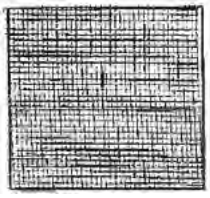


CHARCOAL SOLAR SCREEN

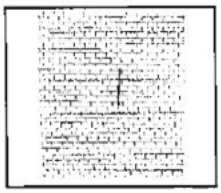




*7/16" SCREEN FRAME
*PLUNGERS BUILT INTO FRAME FOR EASY INSTALLATION
*DESIGNED FOR USE ON DOUBLE HUNG WINDOWS WITH GROVED BRICK MOLD
*FIBERGLASS OR ALUMINUM WIRE AVAILABLE
*COLORS: MILL, WHITE, BRONZE, BEIGE, AND SANDSTONE
*STRAIGHT CUT CORNERS WITH EXTERNAL PLASTIC CORNER KEYS
*STANDARD SIZES AND SPECIAL SIZES



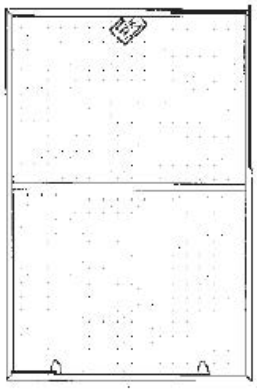
GRAY FIBERGLASS



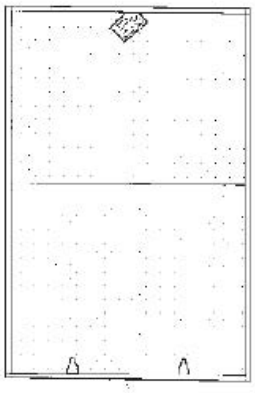
BRITE ALUMINUM



GRAY SOLAR SCREEN



Mitre Corners



Straight Cut Corners with External Plastic Corner Keys

*7/16" SCREEN FRAME
*INSTALLATION HARDWARE INCLUDED
*DESIGNED FOR USE ON WOOD DOUBLE-HUNG WINDOWS
*FIBERGLASS OR ALUMINUM WIRE AVAILABLE
*COLORS: MILL, WHITE, BRONZE, BEIGE, AND SANDSTONE
*STANDARD SIZES AND SPECIAL SIZES

NOTE: CONTACT YOUR SALES REP FOR SCREENS AND PARTS!

PARTITION DOOR ACCESSORIES



500552
SURFACE LATCH 3-1/2" CHROME PLATED
940022
SURFACE LATCH 3-1/2" STAINLESS STEEL



940173
SLIDE LATCH 2-3/4" CHROME PLATED
946006
SLIDE LATCH 2-3/4" STAINLESS STEEL



940136
OFFSET SURFACE LATCH 3-1/2" CHROME PLATED
940137
OFFSET SURFACE LATCH 3-1/2" STAINLESS STEEL



940257
OFFSET SURFACE LATCH 2-3/4" CHROME PLATED
940195
OFFSET SURFACE LATCH 2-3/4" STAINLESS STEEL



001501
SURFACE LATCH 3-1/2" ALUMINUM



940205
SURFACE LATCH 1-3/8" CHROME PLATED



940206
SURFACE LATCH 3-1/2" CHROME PLATED



945456
CONCEALED SLIDE BOLT LATCH CHROME PLATED



940211
SURFACE LATCH 4-3/16" STAINLESS STEEL



940209
SURFACE LATCH 1-7/8" STAINLESS STEEL



940212
SURFACE LATCH 1-3/4" CHROME PLATED



940208
SURFACE LATCH 1-7/8" STAINLESS STEEL
940207
SURFACE LATCH 1-7/8" CHROME PLATED

PARTITION DOOR ACCESSORIE



940214
ADA CONCEALED LATCH CHROME



500390
CONCEALED STALL DOOR LATCH CHROME



500391
ADA CONVERSION LATCH CHROME



940213
ADA CONVERSION LATCH CHROME



003106
CONCEALED LATCH CHROME



940174
DOOR LATCH CHROME



000817
DOOR LATCH CHROME



000794
CONCEALED LATCH



940215
ADA CONVERSION LATCH CHROME



000790
CONCEALED LATCH CHROME

NOTES: _____

PARTITION DOOR ACCESSORIES



INSWING FOR SLIDE LATCH

008296 1-1/4" CHROME (ROUND EDGE PIC ON RIGHT)
004563 1-1/4" CHROME
940230 1-1/8" CHROME
940231 1" CHROME



OUTSWING FOR SLIDE LATCH

501300 1-1/4" CHROME
940236 1-1/4" STAINLESS STEEL
940234 1-1/8" CHROME
940235 1" CHROME
940237 1" STAINLESS



INSWING OR OUTSWING FOR CONCEALED LATCH

940238 1-1/4" CHROME
940219 1-1/4" CHROME (ROUND EDGE PIC ON RIGHT)



INSWING FOR THROW LATCH ADA ENTRANCE

940243 1-1/4" CHROME
940217 1-1/4" CHROME (ROUND EDGE PIC ON RIGHT)



946005
INSWING KEEPER 1 PIECE, FOR SLIDE LATCH, CHROME



946004
INSWING OR OUTSWING STRIKE, 1 PIECE FOR SLIDE LATCH, CHROME

940253
INSWING OR OUTSWING STRIKE, 1 PIECE FOR SLIDE LATCH, STAINLESS STEEL



940251
INSWING KEEPER, 1 PIECE FOR THROW LATCH EMERGENCY ENTRANCE, STAINLESS STEEL



940265
INSWING FOR 3/4 DOORS W/TAB

PARTITION DOOR ACCESSORIES



940177
INSWING OR OUTSWING FOR 1-1/4" DOORS WITH CONCEALED LATCHES



201162
INSWING OR OUTSWING FOR 1-1/4" DOORS WITH CONCEALED LATCH, CHROME

940254
INSWING OR OUTSWING FOR 1-1/4" DOORS WITH CONCEALED LATCH, STAINLESS STEEL

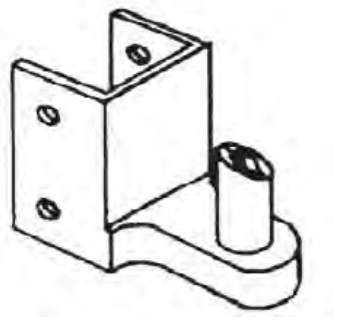


940260
OUTSWING FOR SLIDE LATCH FOR 1-1/4" DOORS, CHROME

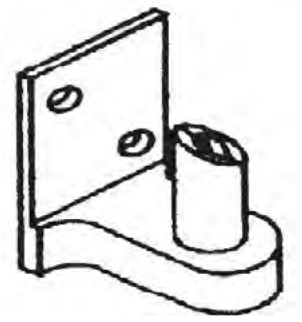


940262
INSWING FOR THROW LATCH FOR 1-1/4" DOORS, EMERGENCY ENTRANCE, CHROME

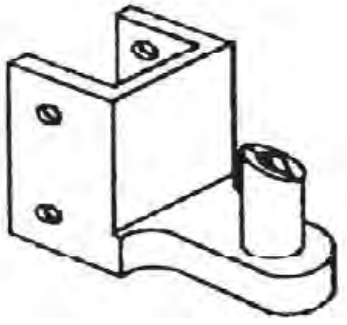
MOST PARTITION DOOR ACCESSORIES AVAILABLE IN STAINLESS STEEL! PLEASE CONTACT US IF YOU NEED ASSISTANCE!



940281 AMPCO CP 1-1/4"BOTTOM HINGE
940283 GLOBAL CP 1-1/4"BOTTOM HINGE
940285 FIAT CP 1-1/4"BOTTOM HINGE

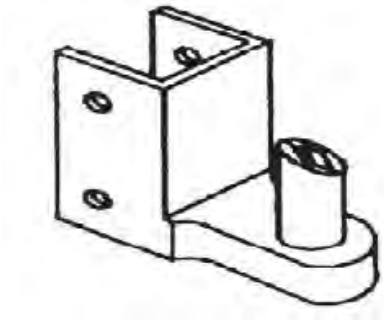


940341 AMPCO CP BOTTOM PIVOT HINGE
940343 G-3 CP BOTTOM PIVOT HINGE
940345 GENERAL CP BOTTOM PIVOT HINGE

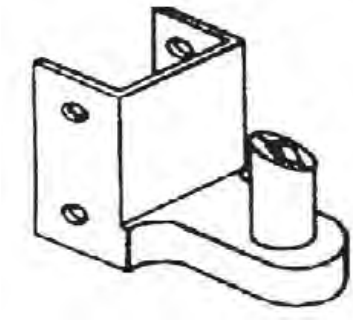


940293
G-2 CP 1-1/8" BOTTOM HINGE

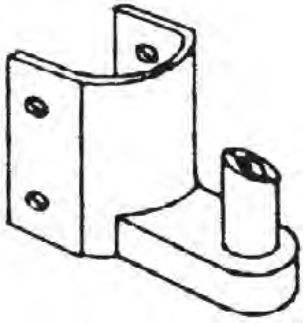
PARTITION DOOR HINGES



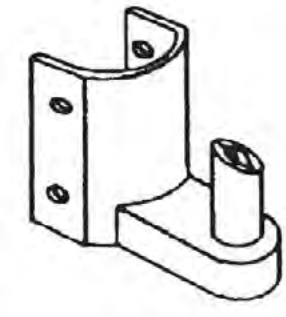
940324
G-4 CP 1" BOTTOM HINGE



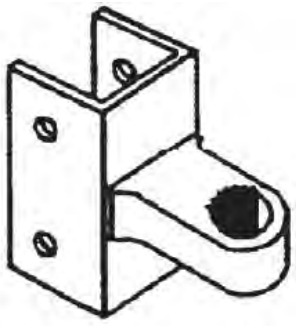
940288
G-3 CP 1-1/4" BOTTOM HINGE



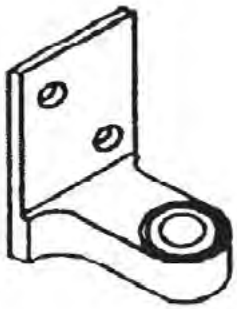
009361
FLUSH METAL CP 1-1/4" BOTTOM HINGE



947887
AMPCO/METPAR CP 1-1/4" BOTTOM HINGE



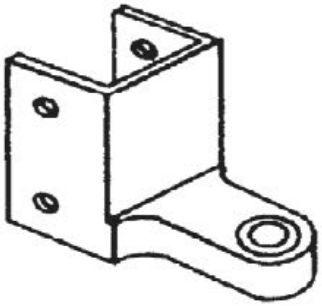
940330
M-2 TOP & BOTTOM 1" PIVOT HINGE



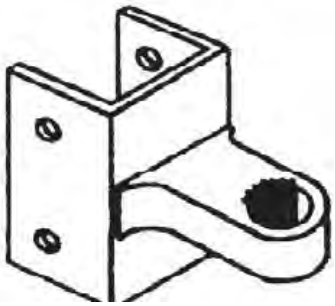
940331
ACCURAGE BOTTOM PIVOT HINGE



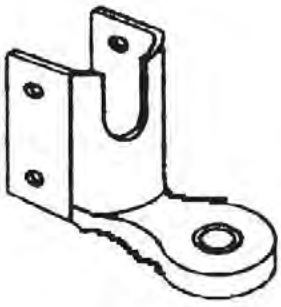
940347
GENERAL 1-1/4" CP BOTTOM HINGE



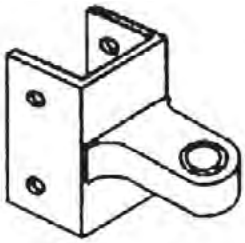
940287
SANYMETAL 1-1/4" CP BOTTOM HINGE



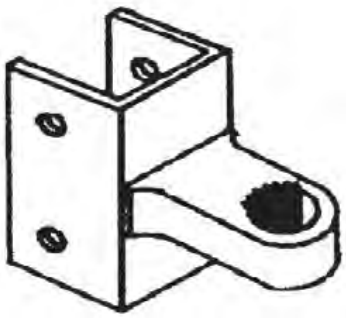
940329
M-2 TOP & BOTTOM 1-1/4" CP BOTTOM PIVOT HINGE



940348
SANYMETAL 1-1/4" CP BOTTOM PIVOT HINGE

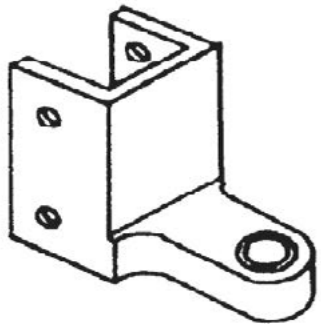


940349 AMPCO 1-1/4" CP PIVOT HINGE
940350 GLOBAL 1-1/4" CP PIVOT HINGE
940353 FLUSH METAL 1-1/4" CP PIVOT HINGE
940352 GENERAL 1-1/4" CP PIVOT HINGE
340354 METPAR 1-1/4" CP PIVOT HINGE

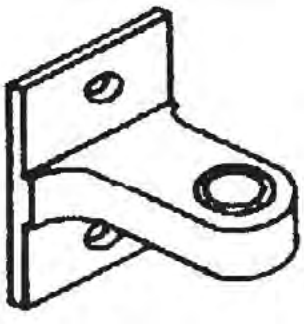


940374
M-2 CP 1" BOTTOM HINGE

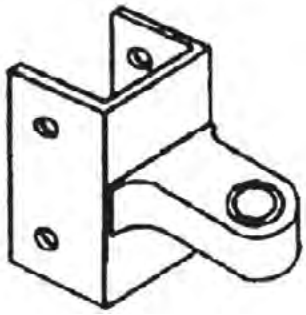
PARTITION DOOR HINGES



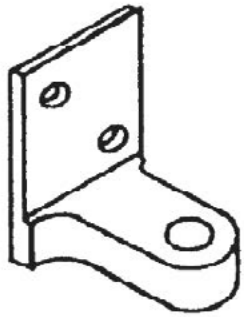
940369
G-2 CP 1-1/8" PIVOT HINGE



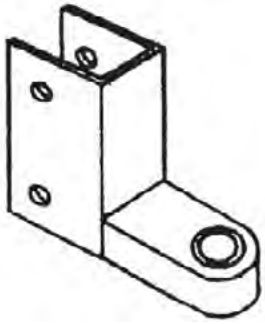
940379 ACCURATE CP TOP HINGE
940378 AMPCO CP TOP HINGE
940381 GENERAL CP TOP HINGE



940362
ACCURATE 1-1/4" TOP HINGE



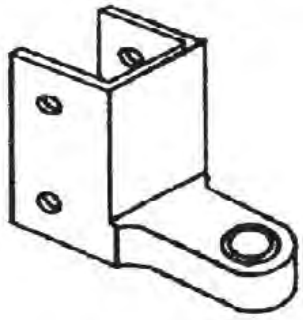
940384
G-3 CP TOP HINGE



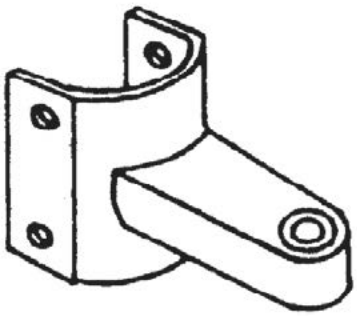
940364
CP TOP HINGE



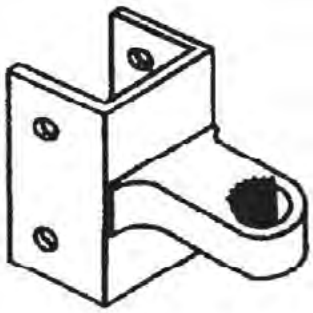
009638
FLUSH METAL CP 1-1/4" TOP HINGE



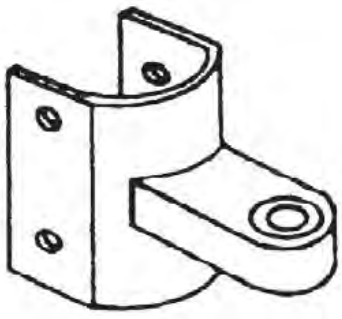
940371
G-4 CP 1" TOP HINGE



940389
GENERAL CP 1-1/4" TOP HINGE

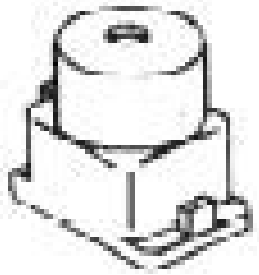


940373
M-BOTTOM CP 1-1/4"

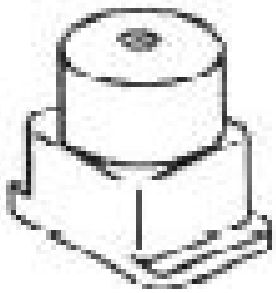


947889
METPAR CP 1-1/4" PIVOT HINGE

PARTITION DOOR CAMS & PINTLES



943002
SQUARE UNSHAVED CAM



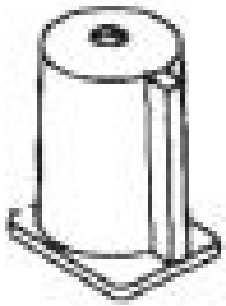
940473
SQUARE SHAVED CAM



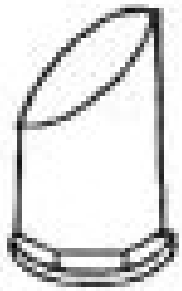
940474
ROUND CAM FOR 5/8" PINTLE



008063
5/8" PINTLE



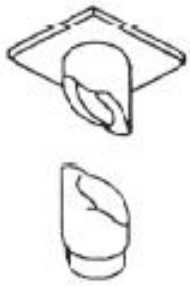
940475
ROUND KEYLOCK FOR 1/2" PINTLE



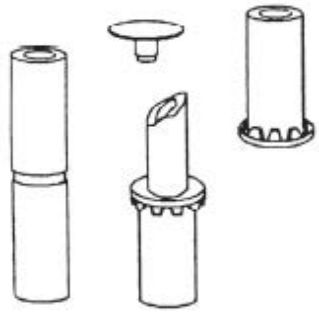
940476
ROUND CAM FOR 1/2" PINTLE



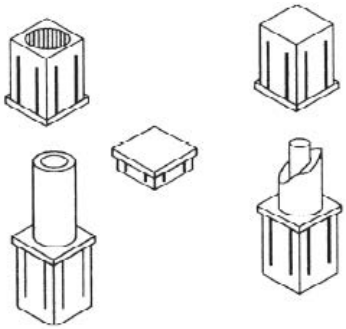
940477
1/2" PINTLE



940478
CAM SET FOR M-HINGES



940479
CAM & PINTLE SET (2)



940480
HINGE REPAIR KIT, NYLON

PARTITION DOOR CANDLE CAMS & HINGE PINS



947891
METPAR CANDLE CAM



940481
GENERAL CANDLE CAM



940482
KNICKERBOCKER CANDLE CAM FOR STEEL DOORS



940483
5/8" CANDLE CAM FOR KNICKERBOCKER



948019
KNURLED PLASTIC 3/8" X 2-1/2"
SANYMETAL

940484
KNURLED STEEL 3/8" X 2-1/2" SANYMETAL



008062
STEEL 3/8" X 3.70" SHANAHAN



940486
KNURLED STEEL 5/16" X 3" SENTRY



947888
THREADED STEEL 3/8" X 3" AMPCO &
METPAR



940487
KNURLED STEEL 3/8" X 3"

940488
STAINLESS STEEL 3/8" X 3"



940489
STEEL-ZINC PLATED 7/16" X 3" FIAT



940492
KNURLED STEEL 1/4" X 2-1/2" GENERAL



940493
KNURLED STEEL 7/32" X 3-1/4" AMPCO

PARTITION BRACKETS



TWO EAR BRACKETS

CHROME	STAIN-LESS STEEL	PANEL SIZE	BRACKET LENGTH
940583	940586	1/2”	2-1/2”
940585	940588	3/4”	2-1/2”
940105	940589	7/8”	2-1/2”
006804	940590	1”	2-1/2”
007009	940592	1-1/4”	2-1/2”



TWO EAR BRACKETS X-LONG

CHROME	PANEL SIZE	BRACKET LENGTH
940621	1”	3-1/2”
940623	1-1/4”	3-1/2”



ONE EAR BRACKETS

CHROME	STAIN-LESS STEEL	PANEL SIZE	BRACKET LENGTH
940593	940596	1/2”	2-1/2”
940594	940597	3/4”	2-1/2”
940595	940598	7/8”	2-1/2”
001279	940599	1”	2-1/2”
940607	940608	1-1/8”	2-1/2”
007008	940608	1-1/4”	2-1/2”



ONE EAR BRACKETS X-LONG

CHROME	PANEL SIZE	BRACKET LENGTH
940619	1”	3-1/2”
940620	1-1/4”	3-1/2”



TWO EAR URINAL

CHROME	STAIN-LESS STEEL	PANEL SIZE	BRACKET LENGTH
940628	940609	1/2”	2-1/2”
940631	940632	3/4”	2-1/2”
940633	940634	7/8”	2-1/2”
940621	000925	1”	2-1/2”
000606	-	1-1/4”	2-1/2”



WING BRACKETS

CHROME	PANEL SIZE	BRACKET LENGTH
940744	1-1/4”	6”
404415	1”	12”



“U” BRACKETS

CHROME	STAIN-LESS STEEL	PANEL SIZE	BRACKET LENGTH
940635	640636	1/2”	1.30”
940637	940638	3/4”	1.30”
940639	940642	7/8”	1-1/4”
003376	940643	1”	1-3/8”
940644	-	1-1/4”	1-3/8”



“U” BRACKETS X-LONG

CHROME	PANEL SIZE	BRACKET LENGTH
940646	1”	2-1/2”
940649	1-1/4”	2-1/2”



TWO PIECE BRACKETS

CHROME	STAIN-LESS STEEL	PANEL SIZE	BRACKET LENGTH
003108	940654	ALL	2-1/2”
003107	940657	ALL	3-1/2”

PARTITION ACCESSORIES, PILASTER PARTS



940390
1-1/4" SQUARE PILASTER SHOE



940391
1-1/4" X 3" POST SHOE



940395
1-1/4" SQUARE POST SHOE



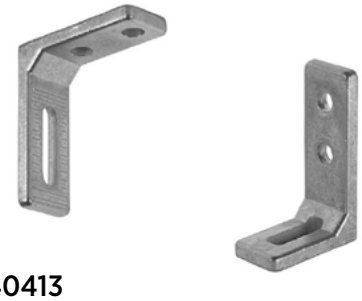
940392
2" ALUMINUM CHANNEL
940393
4" ALUMINUM CHANNEL
940394
8" ALUMINUM CHANNEL



940396
PILASTER SHOE PACK
SPACER PLATE IS 3" X 10"



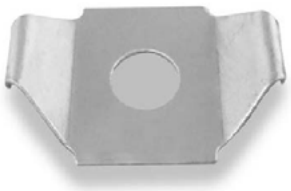
940398
POST PLUG FOR 1-3/4" PILASTER POST
940400
POST CAP FOR 1-3/4" PILASTER POST



940413
TOP "L" ANCHOR FOR PLASTIC LAMINATE
940407
BOTTOM "L" ANCHOR FOR PLASTIC LAMINATE



940412
PILASTER ANCHOR FORK



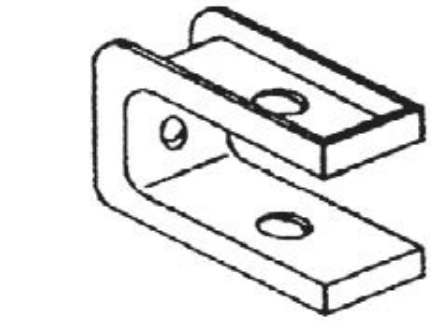
940411
SPRING CLIP



940399
1-1/4" PILASTER POST FLOOR ANCHOR BRACKET
940409
ONE EAR POST FLOOR ANCHOR BRACKET

NOTES: _____

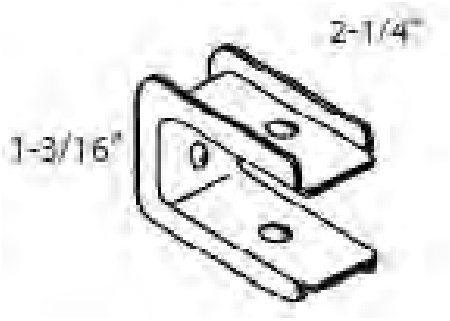
PARTITION TOP & BOTTOM DOOR INSERTS



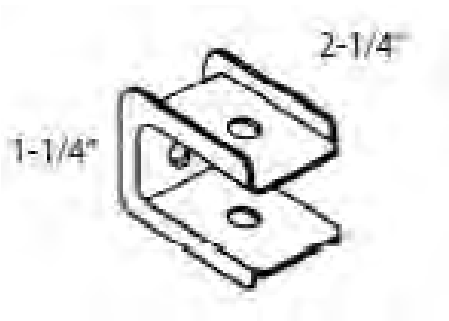
940414
CLOSED 7/8" CP DOOR TOP INSERT



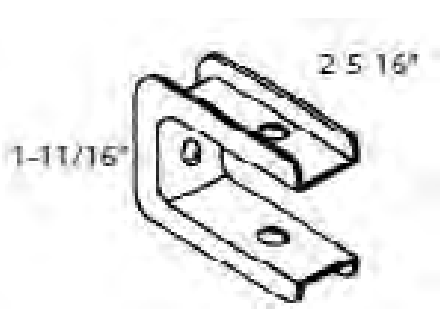
940416
OPEN 1/2" CP DOOR TOP INSERT



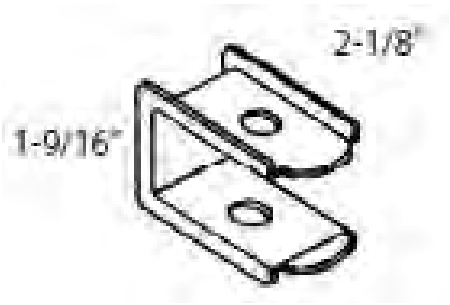
940418
OPEN 1" CP DOOR TOP INSERT



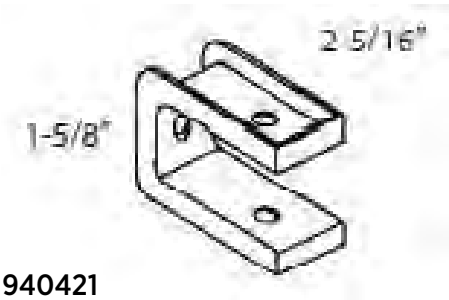
940419
OPEN 1-1/4" CP DOOR TOP INSERT
SHANAHAN



940432
OPEN CP 3/4" TOP DOOR INSERT

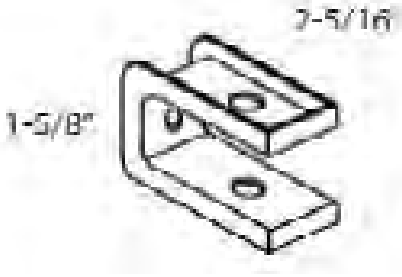


940431
OPEN 1" DOOR TOP INSERT FIAT

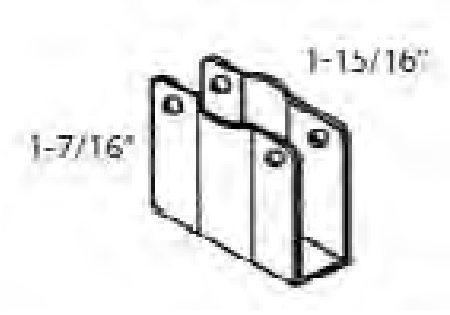


940421
CLOSED 1" CP DOOR TOP INSERT AMPCO

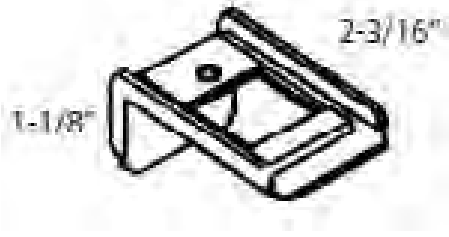
940422
CLOSED 7/8" CP DOOR TOP INSERT AMPCO



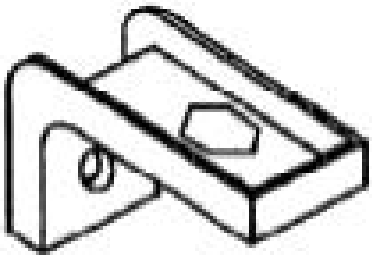
943020
CLOSED 1" DOOR TOP INSERT



940417
OPEN 1/2" CP DOOR BOTTOM INSERT

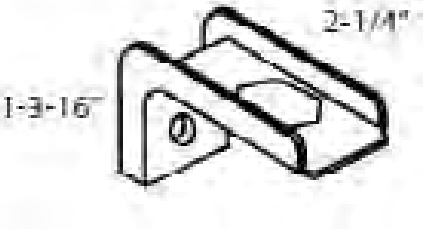


940427
OPEN 1-1/4" CP DOOR BOTTOM INSERT
SHANAHAN



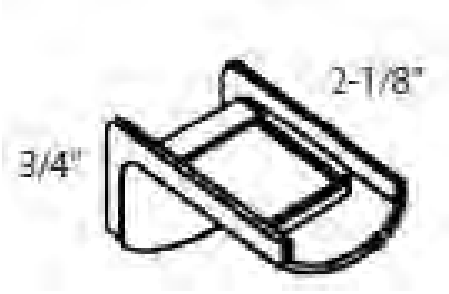
940433
CLOSED 1" CP BOTTOM DOOR INSERT
AMPCO

940434
CLOSED 7/8" CP BOTTOM DOOR INSERT
AMPCO

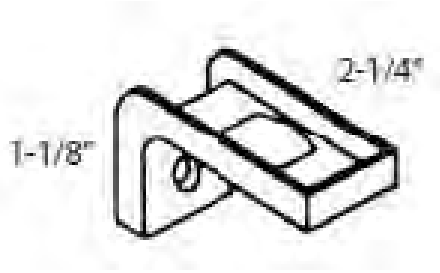


940424
OPEN 1" CP DOOR BOTTOM INSERT
USE WITH LARGE CAM

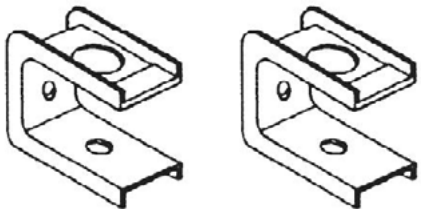
PARTITION DOOR INSERTS & ACCESSORIES



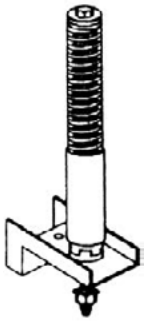
940438
OPEN 1" CP DOOR BOTTOM NSERT FIAT



940436
CLOSED 1" CP BOTTOM DOOR INSERT



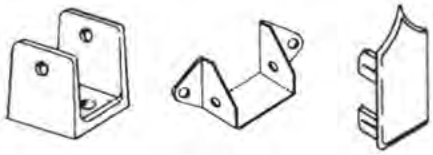
940429
OPEN TOP & BOTTOM M BRACKETS CP DOOR INSERT



940428
DOOR INSERT, OPEN 1" SANYMETAL



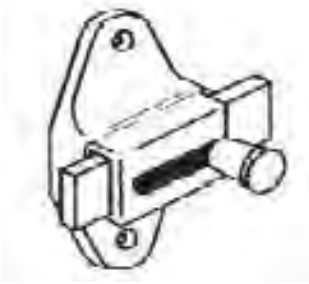
940497
POST SHOE & CAP SET



940494
HEADRAIL BRACKET SET WITH FASTENERS



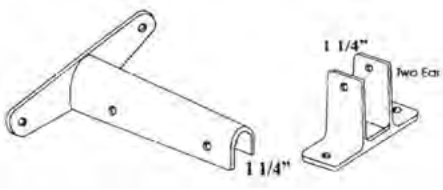
940496
HEADRAIL BRACED PARTITION BRACKET SET WITH FASTENERS



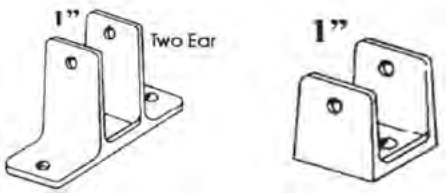
940498
LATCH & KEEPER SET WITH FASTENERS



940499
PILASTER WALL BRACKET SET WITH FASTENERS 1/4"

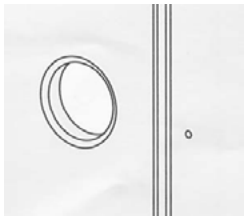


940504
URINAL BRACKET SET WITH FASTENERS



940505
WALL & "U" BRACKET SET WITH FASTENERS

PARTITION ACCESSORIES



BEFORE QWIK-FIX



INSWING



OUTSWING

QWIK-FIX KITS REPLACE BROKEN OR CONCEALED LATCHES WITH A SURFACE MOUNT SIDE LATCH
-STAINLESS STEEL "WRAP AROUND" COVER PLATE
-FOR SQUARE OR ROUND EDGE 1" DOORS (INSWING OR OUTSWING)
-INCLUDES ALL NECESSARY ACCESSORY PARTS
-TAMPER PROOF, 6 LOBE WITH PIN, FASTENERS INCLUDING "TORX" HEX BITS FOR SECURING
-INCREASES STRENGTH AND DURABILITY



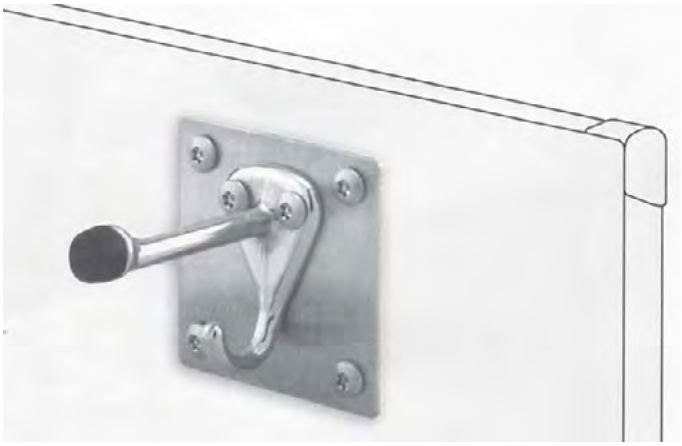
404080
KIT - ROUNDED EDGE INSWING 1" DOOR
404083
KIT - SQUARE EDGE INSWING 1" DOOR



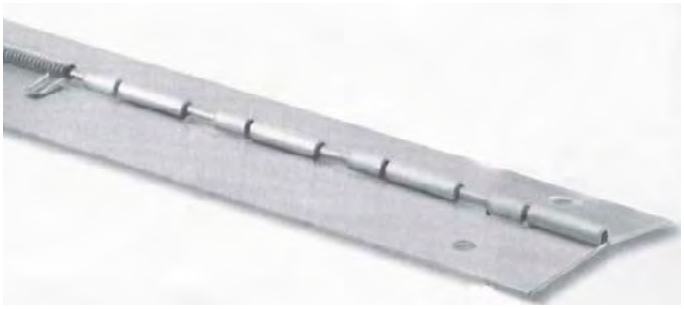
404082
KIT - ROUNDED EDGE OUTSWING WITH PULL 1" DOOR
404086
KIT - SQUARE EDGE OUTSWING WITH PULL 1" DOOR



404081
KIT - ROUNDED EDGE OUTSWING 1" DOOR
404084
KIT - SQUARE EDGE OUTSWING 1" DOOR



STAINLESS STEEL BUMPER HOOK KIT
-HIDES DAMAGED HOLES
-ALL STAINLESS STEEL PARTS
-INCREASED STRENGTH & DURABILITY
404087



CONTINUOUS "PIANO" HINGES, BRUSHED FINISH
-6 HOLES PER LEAF
-1/8" DIAMETER PIN
-3" WIDE X 57-1/2" LONG
-16 GA STAINLESS STEEL
404088 NO SPRING
404089 RIGHT HAND IN, WITH SPRING
404093 LEFT HAND IN WITH SPRING

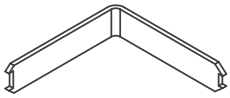
NOTES:

SECTION 10

REPAIR PARTS BY MANUFACTURER

ATLANTIC COASTAL SUPPLY INC.

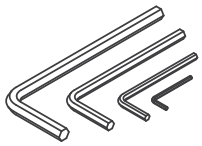
WRENCHES



0295-045-199
"L" WRENCH FOR SPANNER SLOT SCREWS



0296-004-000
SOCKET DRIVER FOR TRI-SLOT SCREWS



HEX WRENCH
0298-001-000 for 1/16”
0298-003-000 for 3/32”
202984 for 1/8” #10-32
0298-005-000 for 1/4”-20



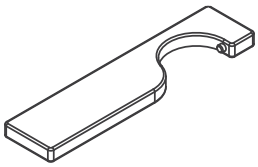
0296-020-000
5/32" HEX WRENCH ALLEN FOR CENTER REJECT



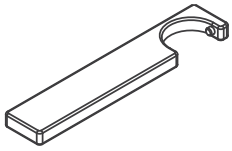
0296-025-199
5/32" KEY w/ CENTER REJECT DRIVER BIT



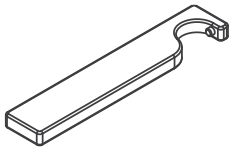
2998-055-199
SPANNER KEY FOR CORTERRA/ MERIDIAN



821312
SECURITY/ SHOWERWARE
PENAL NOZZLE



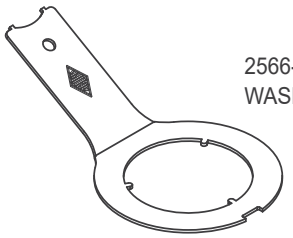
700101
ASSEMBLY- PENAL NOZZLE



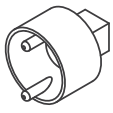
0356-005-001
ASSEMBLY- PRESSURE
SOAP DISPENSER



0355-000-001
PENALWARE SHOWER CABINET

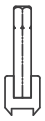


2566-101-199
WASHFOUNTIAN MULTI-PURPOSE



0355-010-001
1/2" CAP NUT SOCKET
DRIVER ASSEMBLY

DRIVERS & BITS



0295-004-001 FOR #10 SPANNER SLOT



0296-004-000 FOR #10 TRI-SLOT SCREW
0296-005-000 FOR #1/4 TRI-SLOT SCREW



0299-002-000 FOR SNAKE EYES SCREW
#1/4-20 SNAKE EYES





821311
1/4" SHANK FOR 5/32" w/CENTER REJECT





0296-030-000
1/4" SHANK FOR #10 TORX w/CENTER REJECT

REPLACEMENT SCREWS

CURRENT



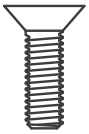


CURRENT		OBSOLETE
0112-001-000	#10-32 x 3/8" UNF	
0112-002-000	#10-32 x 1/2" UNF	0111-002-000
0112-003-000	1/4"-20 x 1" UNC	0111-003-000
0112-004-000	1/4"-20 x 2" UNC	0111-004-000
0112-007-000	1/4"-20 x 1/2" UNC	0111-007-000
0112-008-000	#10-32 x 1" UNF	
0112-010-000	1/4" -20 x 5/4" UNC	
0112-056-000	#10-32 x 5/16" UNF	0111-056-000

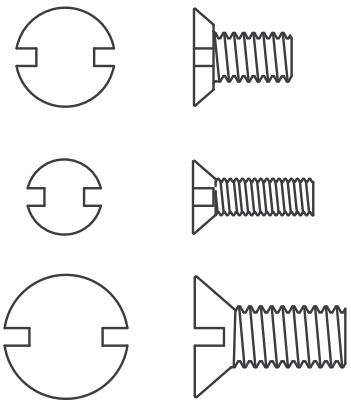
OBSOLETE



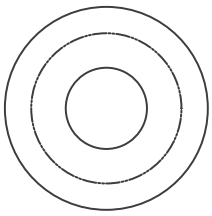




809396	#10-32 UNF x 1/2" HEX	0156-008-199
0152-003-000	#10-32 UNF x 1-1/2" HEX	
0152-004-000	#8-32 UNC x 3/8" HEX	
0152-005-000	1/4"-20 UNC x 1/2" HEX	0156-011-199
0152-006-000	#10-32 UNF x 3/4" HEX	
0152-007-000	#10-32 UNF x 2" HEX	0156-009-199
0152-008-000	#10-32 UNF x 1-3/4" HEX	
0152-009-000	#8-32 UNC x 1/2" HEX	
0152-010-000	#10-32 UNF x 1" HEX	
0152-020-000	1/4"-20 UNC x 7/16" HEX	0156-013-199
0152-022-000	1/4"-20 UNC x 1-1/2" HEX	0156-014-199
0152-024-000	1/4"-20 UNC x 2-1/4" HEX	0156-003-299
0152-502-000	1/4"-20 UNC x 1" HEX	0156-001-199
0152-504-000	1/4"-20 UNC x 2" HEX	0156-002-199

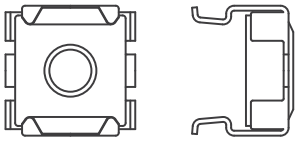


FASTENERS



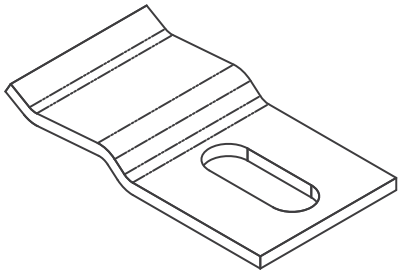
COUNTERSINK WASHER

0336-004-000	#10-32 SIZE
0336-005-000	1/4" SIZE



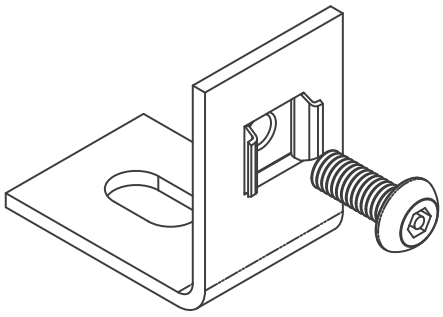
STAINLESS STEEL TINNERMAN NUT

0316-018-000	#10-32 SIZE
0316-008-000	1/4-20 SIZE



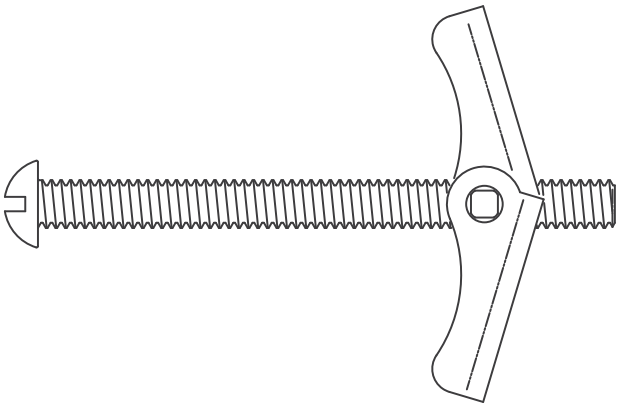
S-CLIP MOUNTING BRACKET

3060-000-199



MOUNTING CLIP ASSEMBLY

3066-000-003	ENTIRE ASSEMBLY
3066-000-199	L-CLIP MOUNTING BRACKET
0336-004-000	#10-32 COUNTERSUNK WASHER
0112-002-000	#10-32 x 1/2" HEX BUTTON HD SCREW



TOGGLE ANCHOR

0377-005-000 1/4" x 3" SIZE

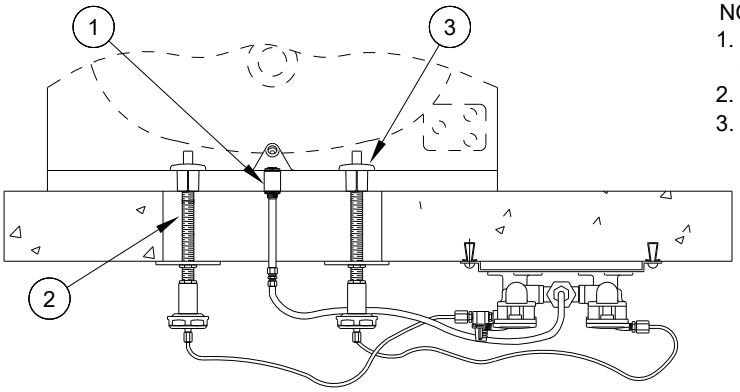
REPLACE-WARE: 612206 (3382)

Air-Control Replacement Valve Assembly - China/Aluminum Fixtures

The Air-Control Valve Assembly is designed to replace existing valves on china and aluminum fixtures with an integral bubbler. The Air-Control valve assembly allows locating the valve up to 10 feet away from the activating pushbuttons. The pushbutton assembly is arranged to be mounted to the backsplash and support the fixture. Pushbuttons require minimum 1-5/16" diameter round or 1-1/8" square backsplash openings. When single temperature is required, a blank escutcheon is provided to maintain this feature. The integral spout expanded rubber connection will fit 15/16" through 1-1/8" diameter openings. Valve inlets are 1/2" NPT.

Valve is an Air-Control pneumatically operated, pushbutton valve using atmospheric air. Pushbutton is vandal-resistant and requires less than 5 pounds to activate valve. Valve is direct acting, non-metering type and is optionally available as metering with non-hold open feature. Metering valve timing is adjustable from 5 to 60 seconds. Valve includes a 0.5 GPM flow control and can be remotely located up to 10 feet from the operating pushbutton. Valve conforms with lead free requirements for NSF61, Section 9, 1997 and CHSC 116875.

Regularly furnished items include a valve w/ 0.5 GPM flow control, hot and cold indexed pushbuttons, pushrods, tubing and bubbler connection.



810350 (3383-MH)

NOTES:
1. Expanded Rubber Gasket Connection for Integral Spout
2. Pushbutton and Anchoring Assembly
3. Escutcheon - 1-15/16" Diameter

WALL THICKNESS AND TYPE (Must Specify)
Thickness: _____ Type: ☐ Concrete ☐ Block ☐ Steel

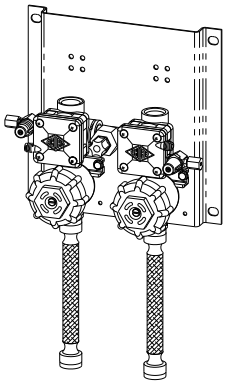
MODEL NUMBER AND OPTIONS SELECTION

BASE MODEL NUMBER

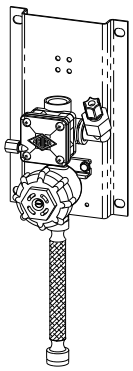
☐ 3382 Air-Control Valve Assembly -Replacement, Single Temp
☐ 3383 Air-Control Valve Assembly -Replacement, H & C

PRODUCT OPTIONS (Must Specify)
(See Penal-Ware® Model Numbers & Options Section)

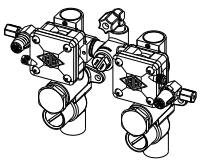
☐ -BRS Brass Body Valve(s)
☐ -M Metering
☐ -MA Manifolded Valve ☐ 2 ☐ 3 ☐ 4
☐ -MH Metering Hot Side Only



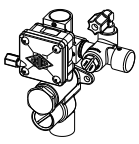
810303 (3383-M)



612206 (3382)



3383-BRS-M

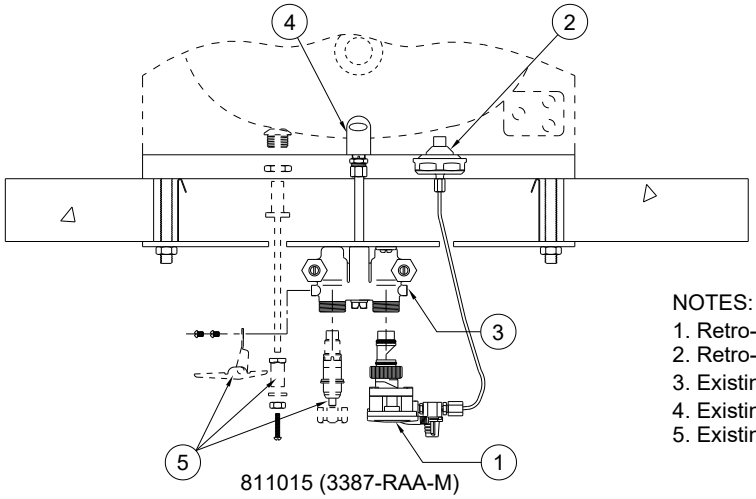


3382-BRS

Retro-Air Valve Assembly

Retro-Air Valve Assembly is designed to replace existing metering or non-metering cartridges within existing Acorn Penal-Trol (manufactured since 1978), Metcraft Tempus II and Willoughby Temp 1/Temp 2 valves to pneumatic operation. The Retro-Air Valve Assembly package consists of the Retro-Air servomotor cartridge, a push button assembly (or adapter) and polyethylene 1/8" tubing to connect the push button to the Retro-Air servomotor cartridge, which replaces existing push buttons and push rod hardware. Available for both single temperature and hot and cold installations, the metering Retro-Air will solve the maintenance associated with traditional mechanical style metering cartridges.

Regularly furnished items include hot and cold or single temperature indexed pushbutton assemblies with escutcheons, Retro-Air replacement cartridge assembly with integral Air-Control servomotor and 5 feet of 1/8" polyethylene tubing. Metcraft and Willoughby valve replacement assembly adapts to existing pushbutton assemblies.



811015 (3387-RAA-M)

NOTES:
1. Retro-Air Cartridge Assembly
2. Retro-Air Pushbutton
3. Existing Valve Assembly
4. Existing Bubbler
5. Existing Components For Removal

WALL THICKNESS AND TYPE (Must Specify)
Thickness: _____ Type: o Concrete o Block o Steel

MODEL NUMBER AND OPTIONS SELECTION:

BASE MODEL NUMBER
o -3386 Retro-Air Valve Assembly - Single Temp
o -3387 Retro-Air Valve Assembly - Hot & Cold

REPLACEMENT VALVE DESCRIPTION (Must Specify)
Manufacturer Valve Assembly
o -RAA Acorn Penal-Trol
(1978 to Present - 1-1/8" diameter escutcheon)
o -RAA1 Acorn Penal-Trol
(Prior to 1978 - Oval escutcheon)
o -RAM Metcraft Tempus II*
o -RAW Willoughby Temp 1/Temp 2*
** These names are trade names used by Metcraft and/or Willoughby.*

PRODUCT OPTIONS (Must Specify)
(See Penal-Ware® Model Numbers & Options Section)
o -M Metering
o -MH Metering Hot Side Only

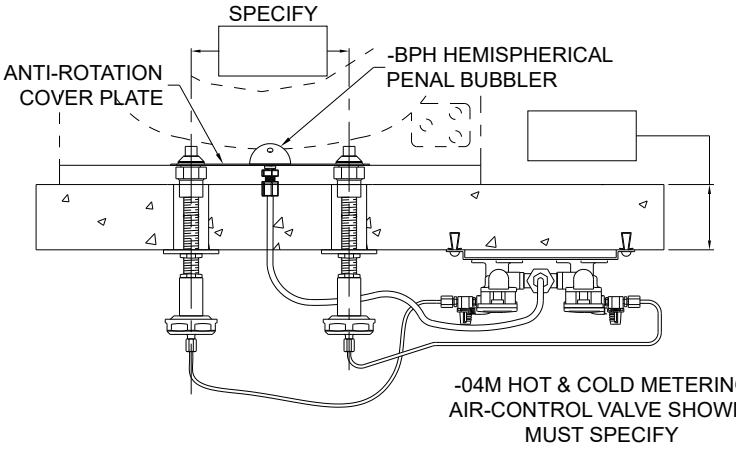

3386-RAA

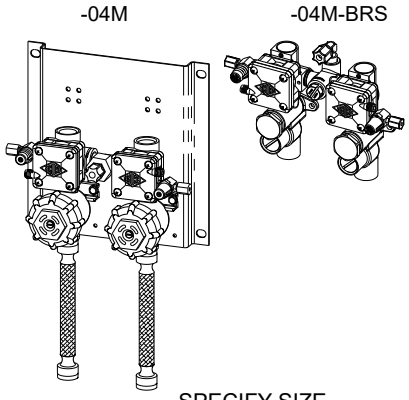
Air-Control Replacement Valve Assembly - All Lavy And Comby Fixtures

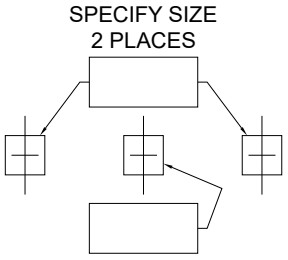
The Air-Control Valve Assembly is designed to replace existing valve and bubbler on stainless steel lavy and comby fixtures. The pushbutton assembly is intended to be mounted to the backsplash and support the fixture. Pushbuttons require minimum 1-5/16" diameter round or 1-1/8" square backsplash openings. When single temperature is required, a blank escutcheon is provided to maintain this feature. Valve inlets are ½" NPS flexible hoses or ½" NPTI with optional -BRS Brass Valve Body models.

Valve is an Air-Control pneumatically operated, pushbutton valve using atmospheric air. Pushbutton is vandal-resistant and requires less than 5 pounds to activate valve. Valve is direct acting, non-metering type and is optionally available as metering with non-hold open feature. Metering valve timing is adjustable from 5 to 60 seconds. Valve includes a 0.5 GPM flow control and can be remotely located up to 10 feet from the operating pushbutton. Valve and bubbler conform with lead free requirements for NSF61, Section 9, 1997 and CHSC 116875.

Regularly furnished items include a valve w/ 0.5 GPM flow control, single temperature or hot and cold indexed pushbuttons, pushrods, tubing, Stainless Steel -BPH Hemispherical Penal Bubbler and an anti-rotation plate when applicable.



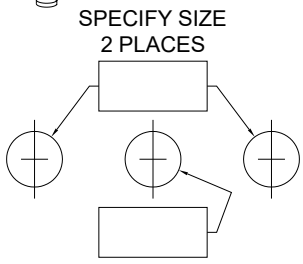


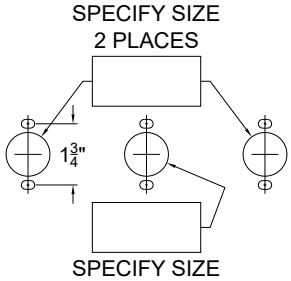


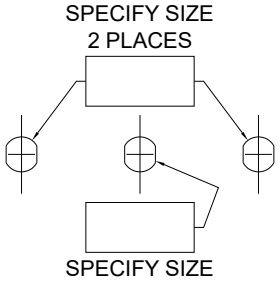
WALL THICKNESS AND TYPE (Must Specify)
Thickness: _____ Type: __ Concrete: __
Block: __ Steel: __

MODEL NUMBER AND OPTIONS SELECTION
BASE MODEL NUMBER
- o -R03 Air-Control Valve Assy, Non-Metering, Single Temp.
- o -R04 Air-Control Valve Assy, Non-Metering, Hot & Cold

Product Options
(See Penal-Ware® Model Numbers & Options Section)
- o -BP Bubbler, Penal
- o -BRS Brass Body Valve
- o -LF Lavy Filler
- o -LBPH Less Hemispherical Penal Bubbler
- o -LPBP Less Pushrod Actuator (Eliminates Fixture Support)
- o -M Metering
- o -MA Manifolded Valve: __ 2 __ 3 __ 4
- o -MH Metering Hot Side Only
- o -PBH Hemispherical Pushbutton





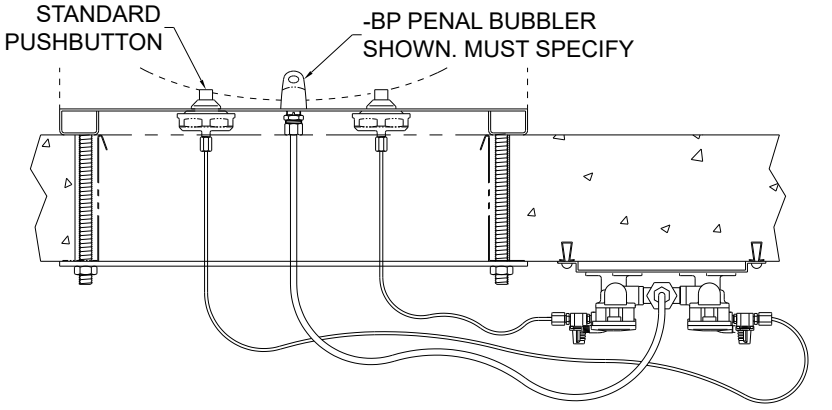


Air-Control Valve Assembly - All Lavy And Comby Fixtures

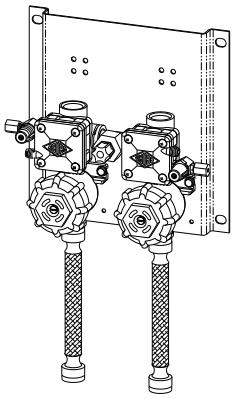
The Air-Control Valve Assembly is designed to replace existing valve, pushbutton and bubbler on all Acorn stainless steel lavy and comby fixtures with "D" punch. When single temperature is required, a blank escutcheon is provided to maintain this feature. Valve inlets are ½" NPS flexible hoses or ½" NPTI on with optional -BRS Brass Valve Body models.

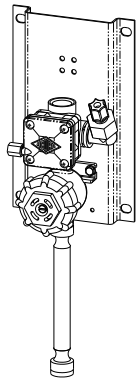
Valve is an Air-Control pneumatically operated, pushbutton valve using atmospheric air. Pushbutton is vandal-resistant and requires less than 5 pounds to activate valve. Valve is direct acting, non-metering type and is optionally available as metering with non-hold open feature. Metering valve timing is adjustable from 5 to 60 seconds. Valve includes a 0.5 GPM flow control and can be remotely located up to 10 feet from the operating pushbutton. Valve and bubbler conform with lead free requirements for NSF61, Section 9, 1997 and CHSC 116875.

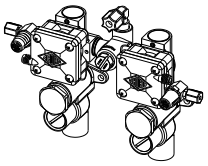
Regularly furnished items include a valve w/ 0.5 GPM flow control, single temperature or hot and cold indexed pushbuttons and tubing.

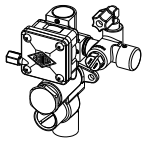


-04M HOT & COLD METERING AIR-CONTROL VALVE SHOWN. MUST SPECIFY


-04M


-03


-04M-BRS


-03-BRS

WALL THICKNESS AND TYPE (Must Specify)
Thickness: _____ Type: θ Concrete: θ Block: θ Steel

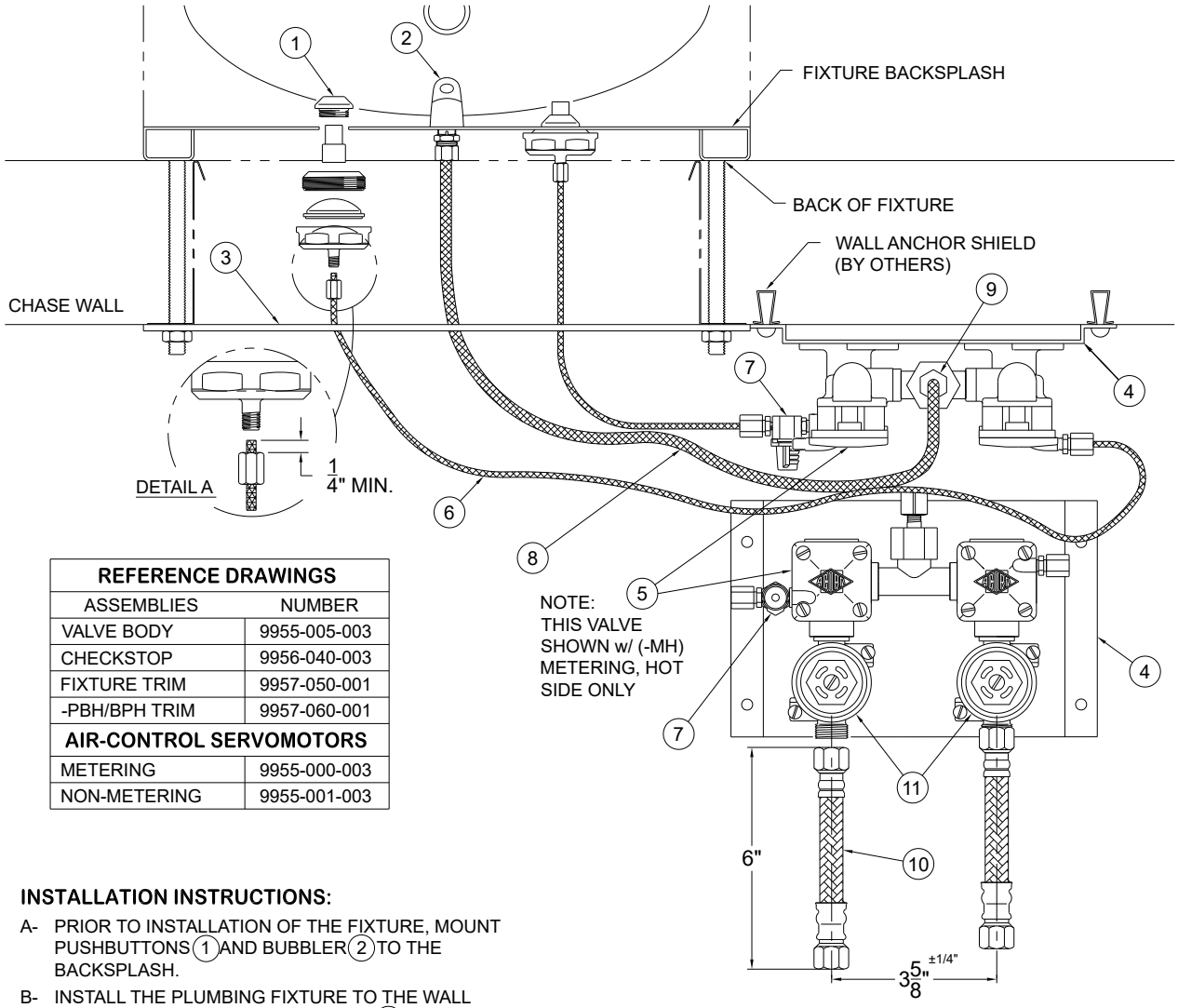
MODEL NUMBER AND OPTIONS SELECTION

BASE MODEL NUMBER
o -03 Air-Control Valve Assembly, Single Temp. Non-Metering
o -04 Air-Control Valve Assembly, Hot & Cold Non-Metering

Product Options
(See Penal-Ware® Model Numbers & Options Section)
o -BC Bubbler, Code
o -BP Bubbler, Penal
o -BPH Bubbler, Penal Hemispherical
o -BRS Brass Body Valve
o -LF Lavy Filler
o -M Metering
o -MA Manifold Valve: θ 2 θ 3 θ 4
o -MH Metering Hot Side Only
o -PBH Hemispherical Pushbutton
o -PBP Pushrod Activated Pushbutton

PENAL-WARE® -04 SERIES

9905-000-003



REFERENCE DRAWINGS	
ASSEMBLIES	NUMBER
VALVE BODY	9955-005-003
CHECKSTOP	9956-040-003
FIXTURE TRIM	9957-050-001
-PBH/BPH TRIM	9957-060-001
AIR-CONTROL SERVOMOTORS	
METERING	9955-000-003
NON-METERING	9955-001-003

INSTALLATION INSTRUCTIONS:

A- PRIOR TO INSTALLATION OF THE FIXTURE, MOUNT PUSHBUTTONS (1) AND BUBBLER (2) TO THE BACKSPLASH.

B- INSTALL THE PLUMBING FIXTURE TO THE WALL INCLUDING UPPER SUPPORT PLATE (3).

C- MOUNT THE AIR-CONTROL VALVE ASSEMBLY (4). LOCATE AS REQUIRED. MAXIMUM ALLOWABLE DISTANCE BETWEEN PUSHBUTTON (1) AND AIR-CONTROL SERVOMOTOR (5) IS 10 FEET. WALL ANCHORING HARDWARE ARE BY OTHERS.

D- CONNECT 1/8" O.D. POLYETHYLENE AIR LINES (6) TO PUSHBUTTONS (1) AND SERVOMOTOR (5). HAND TIGHTEN USING FERRULE NUTS PROVIDED. SEE DETAIL A. NOTE: WHEN METERING VALVES ARE SPECIFIED, AIR LINES CONNECT DIRECTLY TO VALVE TIMER (7).

E- CONNECT 1/4" O.D. POLYETHYLENE WATER LINE (8) TO BUBBLER (2) AND COMPRESSION NUT (9). HAND TIGHTEN USING FERRULE NUTS PROVIDED.

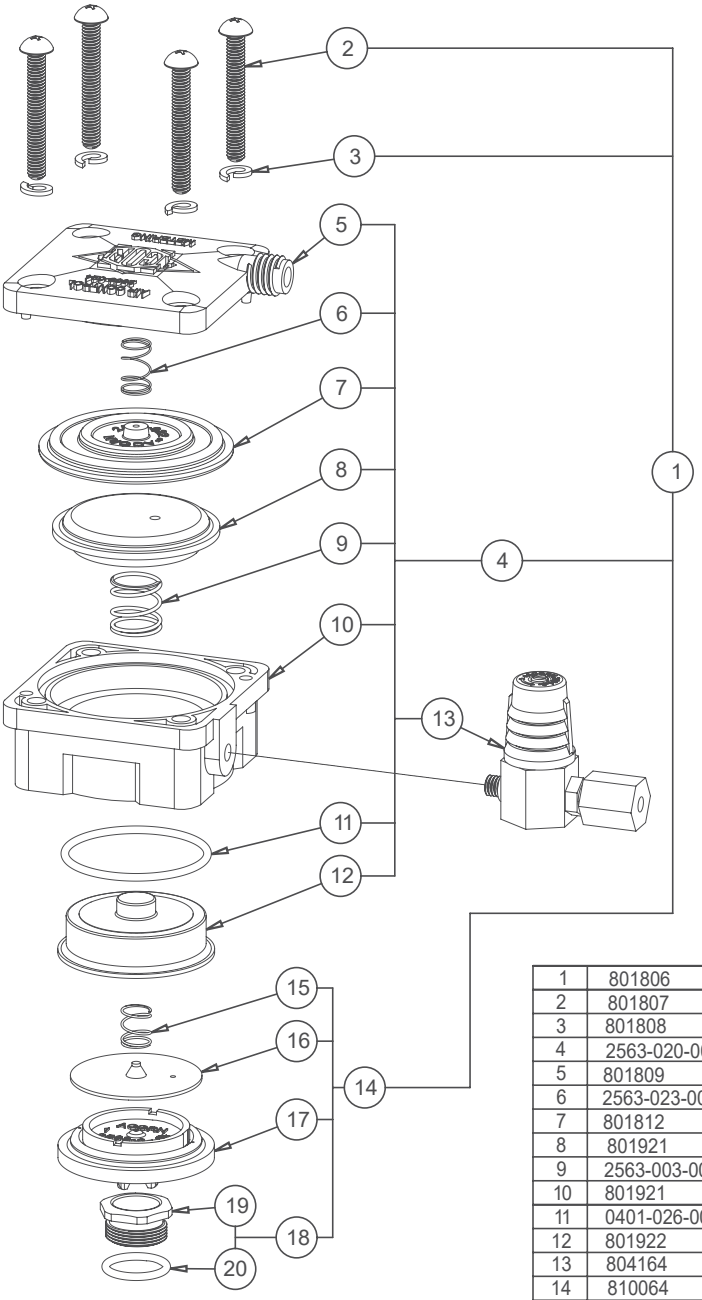
NOTE:
MAXIMUM RECOMMENDED WORKING WATER PRESSURE IS 100 PSI; TEMPERATURE IS 130° F; OUTLET TEMPERATURE IS RECOMMENDED AT A MAXIMUM OF 105° F.
WARNING:
PRIOR TO MAKING INSTALLATION, SUPPLY LINES MUST BE FLUSHED OF ALL FOREIGN MATERIAL SUCH AS PIPE DOPE, CHIPS, SOLDER, ETC. VALVE MUST BE DRAINED PRIOR TO BEING SUBJECTED TO FREEZING TEMPERATURES. MAXIMUM RECOMMENDED OUTLET WATER TEMPERATURE IS 105° F.

F- AFTER THOROUGHLY FLUSHING THE SUPPLY LINES, MAKE-UP 1/2" NPS FEMALE SUPPLY CONNECTIONS. NOTE: SUPPLY INLET CONNECTION WILL ACCOMODATE 1/2" NPT MALE ADAPTER. THREAD FLEX CONNECTOR HOSE (10) TO CHECKSTOPS (11) AND TO SUPPLY STUB OUTS.

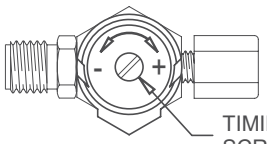
G- SEE APPROPRIATE SERVOMOTOR REFERENCE DRAWING FOR DETAILS AND TIMING INSRUCTIONS.

AIR-CONTROL METERING SERVOMOTOR

9955-000-003

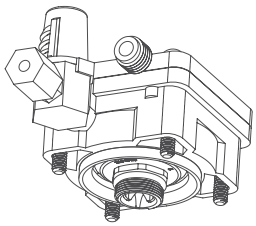


TOP VIEW ITEM #13



SCALE x 2

TIMING IS ADJUSTABLE FROM 5 TO 60 SECONDS AND IS ACCOMPLISHED BY ROTATING TIMING SCREW. TURING THE SCREW CLOCKWISE INCREASES WHILE COUNTERCLOCKWISE DECREASES TIMING.

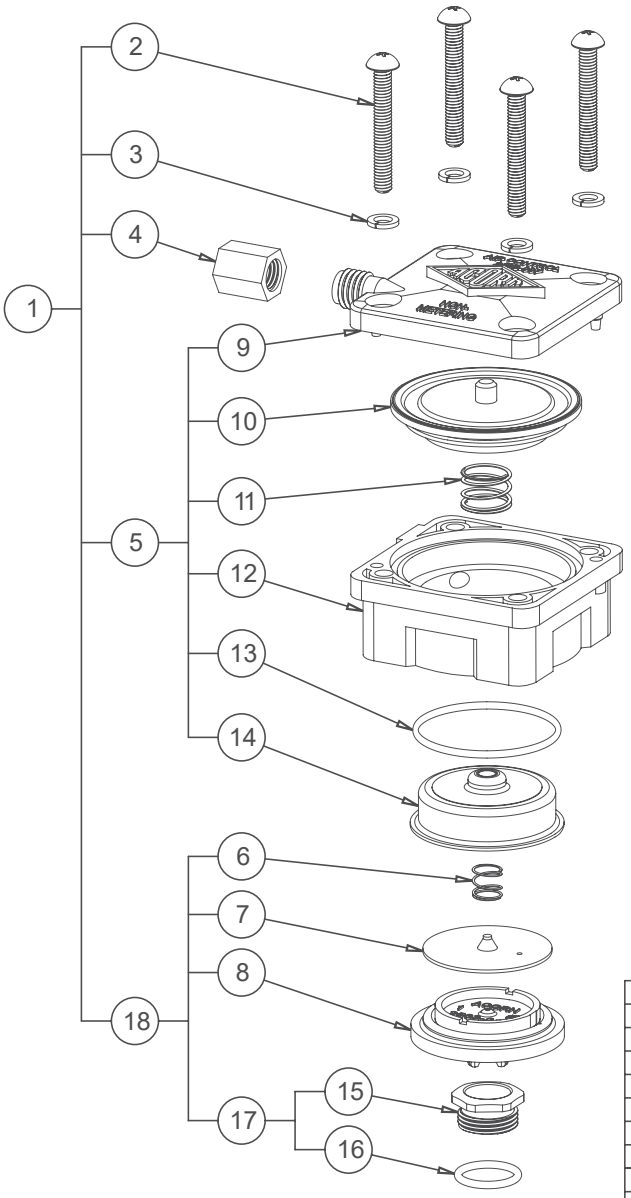


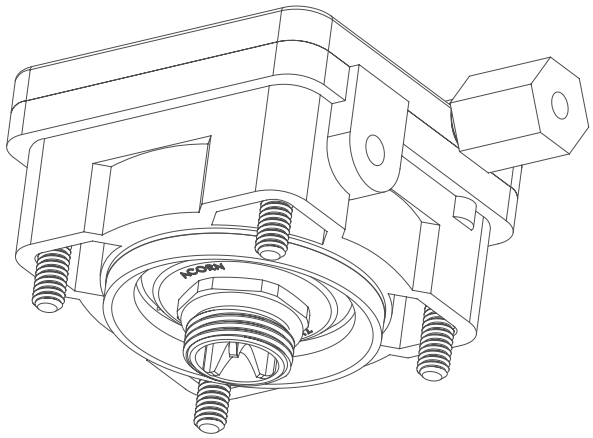
NOTE:
REMOVE ASSEMBLY (18)
FOR PLASTIC BODY INSTALL

ITEM	PART NUMBER	DESCRIPTION
1	801806	AIR-CONTROL METERING ASSEMBLY
2	801807	#8-32 x 1-1/4" LG PHILLIPS ROUND HEAD
3	801808	#8 LOCKWASHER
4	2563-020-001	METERING MOTOR ASSEMBLY
5	801809	METERING COVER PLATE
6	2563-023-000	METERING AIR DIAPHRAGM SPRING
7	801812	METERING AIR DIAPHRAGM
8	801921	MAGNET CUP ASSEMBLY
9	2563-003-000	ACTUATOR SPRING
10	801921	MOTOR HOUSING
11	0401-026-000	O-RING
12	801922	SEPARATOR CUP
13	804164	TIMER ASSEMBLY
14	810064	SEAT ASSEMBLY
15	2563-008-000	PILOT ORIFICE PLATE SPRING
16	801924	PILOT ORIFICE PLATE ASSEMBLY
17	804163	WATER DIAPHRAGM ASSEMBLY
18	804167	SEAT ASSEMBLY
19	2580-000-000	SEAT
20	0401-014-000	SEAT O-RING

AIR-CONTROL NON-METERING SERVOMETER

9955-001-003



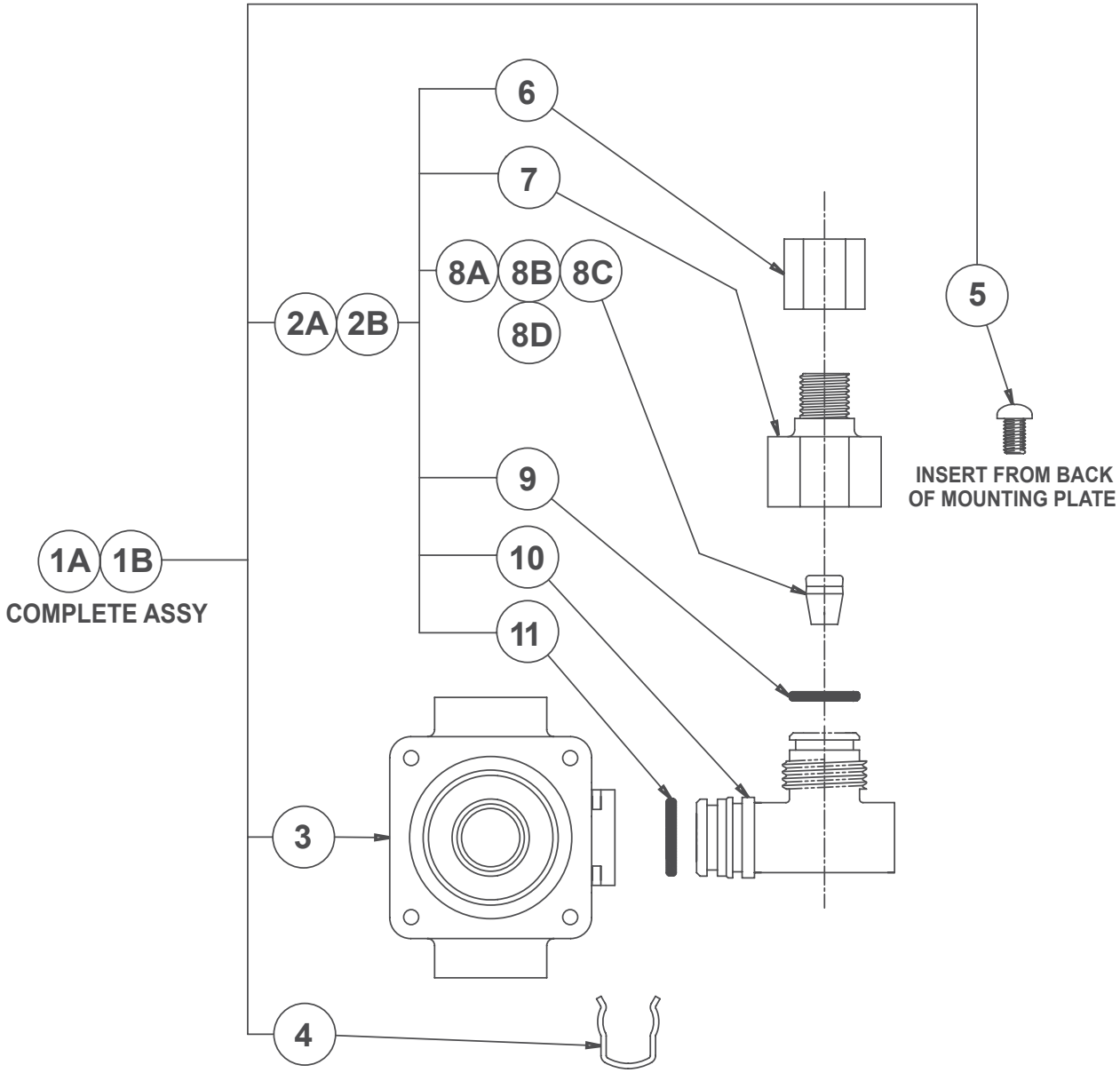


NOTE:
REMOVE ASSEMBLY (17)
FOR PLASTIC BODY INSTALL

ITEM	PART NUMBER	DESCRIPTION
1	804298	DIRECT ACTING ASSEMBLY
2	801807	#8-32 x 1-1/4" PHILLIPS ROUND HEAD
3	801808	#8 LOCKWASHER
4	1895-450-000	1/8" PLASTIC COMPRESSION NUT
5	805358	DIRECT ACTING MOTOR ASSEMBLY
6	2563-008-000	PILOT ORIFICE PLATE SPRING
7	801924	PILOT ORIFICE PLATE ASSEMBLY
8	804163	WATER DIAPHRAGM ASSEMBLY
9	801801	DIRECT ACTING COVER PLATE
10	801802	DIRECT ACTING DIAPHRAGM ASSEMBLY
11	2563-003-000	ACTUATOR SPRING
12	801921	MOTOR HOUSING
13	0401-026-000	SEPARATOR CUP O-RING
14	801922	SEPARATOR CUP
15	2580-000-000	AIR-CONTROL VALVE SEAT
16	0401-014-000	BRASS SEAT O-RING
17	2580-000-001	SEAT ASSEMBLY
18	810064	WATER CHAMBER ASSEMBLY

SINGLE TEMP AIR-CONTROL VALVE BODY (-3)

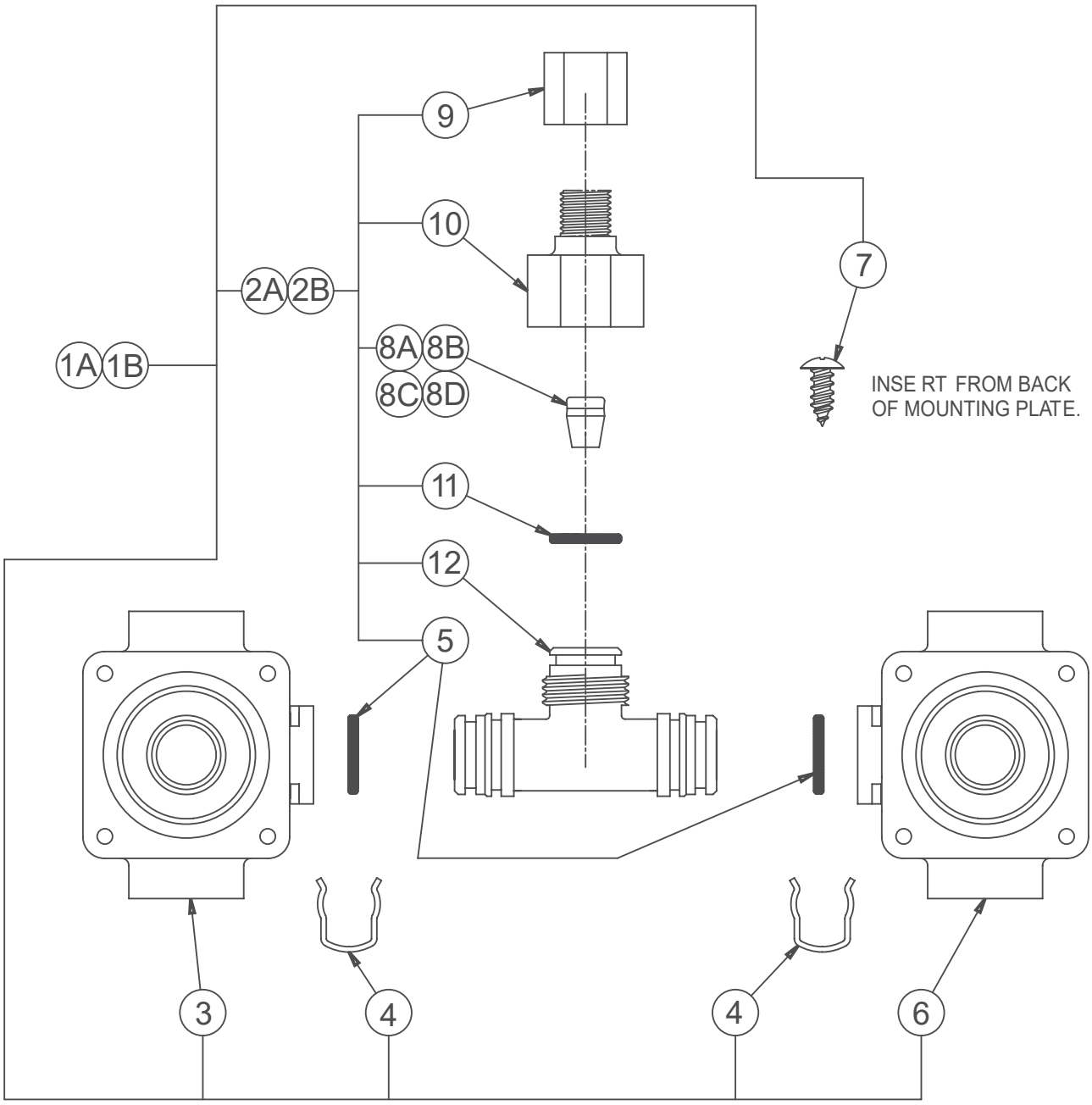
9955-006-003



ITE	ART NUMBER	DESCRIPTION
1A	807551	S/T VALVE BODY .5 GPM -LAVY
1B	2590-203-001	S/T VALVE BODY 2.5 GPM -SHOWER
2A	807552	SINGLE TEMP TEE ASSY .5 GPM -LAVY
2B	804180	SINGLE TEMP TEE ASSY 2.5 GPM -SHOWER
3	809125	LH VALVE BODY
4	0326-100-000	RETAINING CLIP
5	0124-010-000	#10-32 x 1/2" STN STL SCREW
6	1895-451-000	1/4" FERRULE NUT
7	801736	FLOW CONTROL ADAPTER
8A	809058	FLOW CONTROL .5 GPM -LAVY
8B	801732	FLOW CONTROL 2.5 GPM -SHOWER
8C	806711	FLOW CONTROL 2.2 GPM -SHOWER
8D	0469-007-000	FLOW CONTROL .7 GPM -DRINKING FOUNTAIN
9	0401-014-000	O-RING
10	804750	SINGLE TEMP TEE BODY
11	0401-015-000	O-RING

HOT & COLD AIR-CONTROL VALVE BODY (-4)

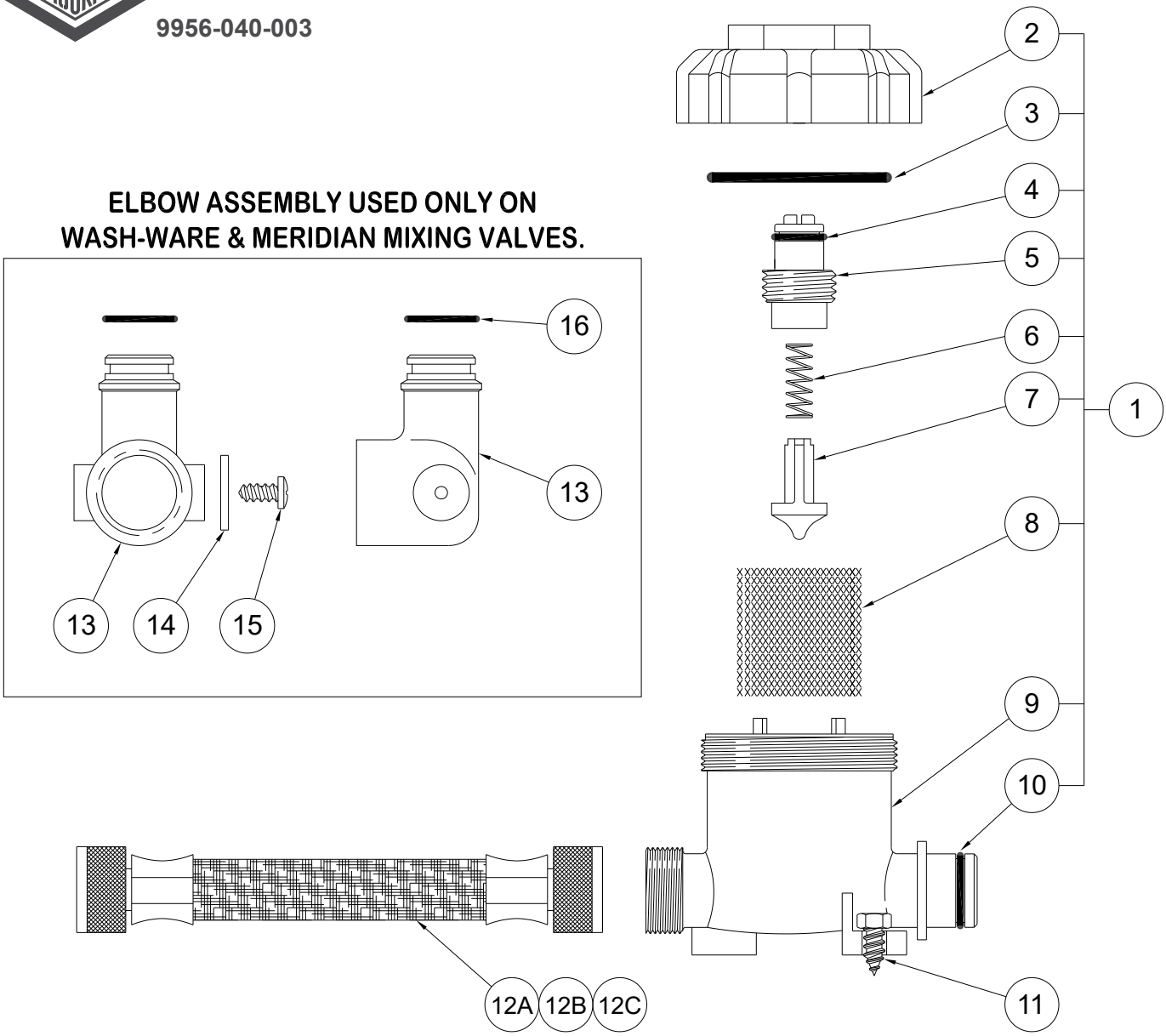
9955-005-003



1A	2590-200-001	H & C VALVE BODY, .5GPM - LAVY	8A	809058	FLOW CONTROL .5GPM - LAVY
1B	2590-201-001	H & C VALVE BODY, 2.5GPM - SHOWER	8B	801732	FLOW CONTROL 2.5GPM - SHOWER
2A	809056	H & C MIXING TEE ASSY, .5GPM - LAVY	8C	806711	FLOW CONTROL 2.2GPM - SHOWER
2B	2570-043-001	H & C MIXING TEE ASSY, 2.5GPM - SHWR	8D	0469-007-000	FLOW CONTROL .7GPM - DRINKING FOUN
3	809125	LEFT HAND VALVE BODY	9	1895-451-000	1/4” FERRULE NUT
4	0326-100-000	RETAINING CLIP	10	801736	FLOW CONTROL ADAPTER
5	0401-015-000	O-RING	11	0401-014-000	O-RING
6	809124	RIGHT HAND VALVE BODY	12	801735	MIXING TEE BODY
7	0124-010-000	#10-32 x 1/2” SS PHILLIPS HEAD SCREW			
ITEM	PART NUMBER	DESCRIPTION	ITEM	PART NUMBER	DESCRIPTION

PLASTIC AIR-CONTROL CHECKSTOP

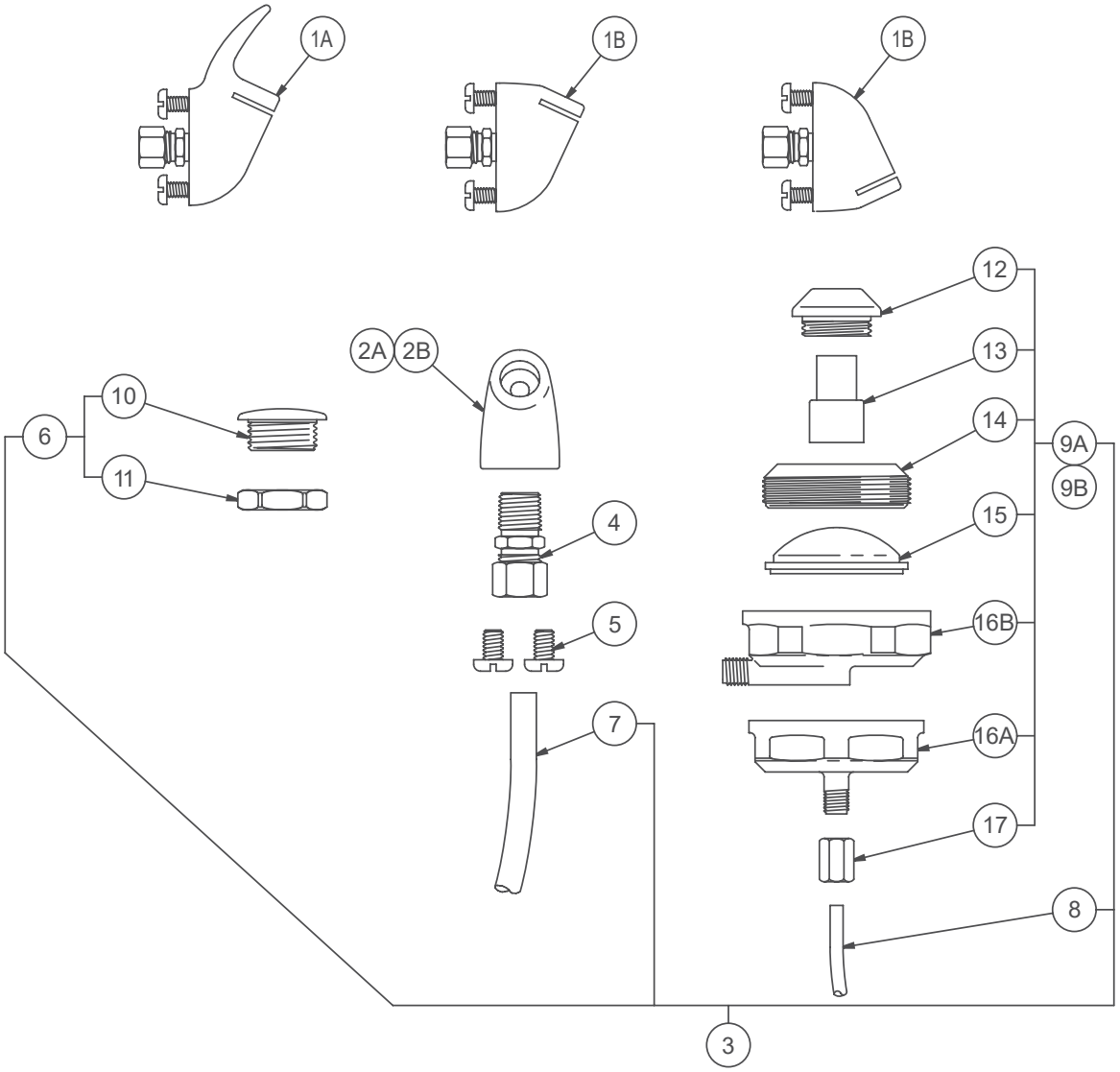
9956-040-003



ITEM	PART NUMBER	DESCRIPTION
1	804168	CHECKSTOP STRAINER ASSEMBLY
2	804170	STOP BONNET
3	0401-129-000	O-RING
4	0401-012-000	O-RING
5	804172	STOP STEM
6	2415-002-000	SPRING
7	2570-014-000	CHECK STEM
8	804175E	STRAINER
9	804169	STOP BODY ASSEMBLY
10	0401-016-000	O-RING
11	810557	#10 x 1/2" HX HEAD SELF
12A	412764	1/2" NPS x 6-1/4" STN. STL. INLET HOSE
12B	804713	1/2" NPS x 15-3/4" STN. STL. INLET HOSE
12C	412765	1/2" NPS x 24" STN. STL. INLET HOSE
13	815199	M x F PLASTIC ELBOW
14	0331-034-000	SPACER WASHER
15	0124-030-000	#8 x 3/8" PAN HEAD SCREW
16	0401-015-000	O-RING

SINGLE TEMP, AIR-CONTROL FIXTURE TRIM

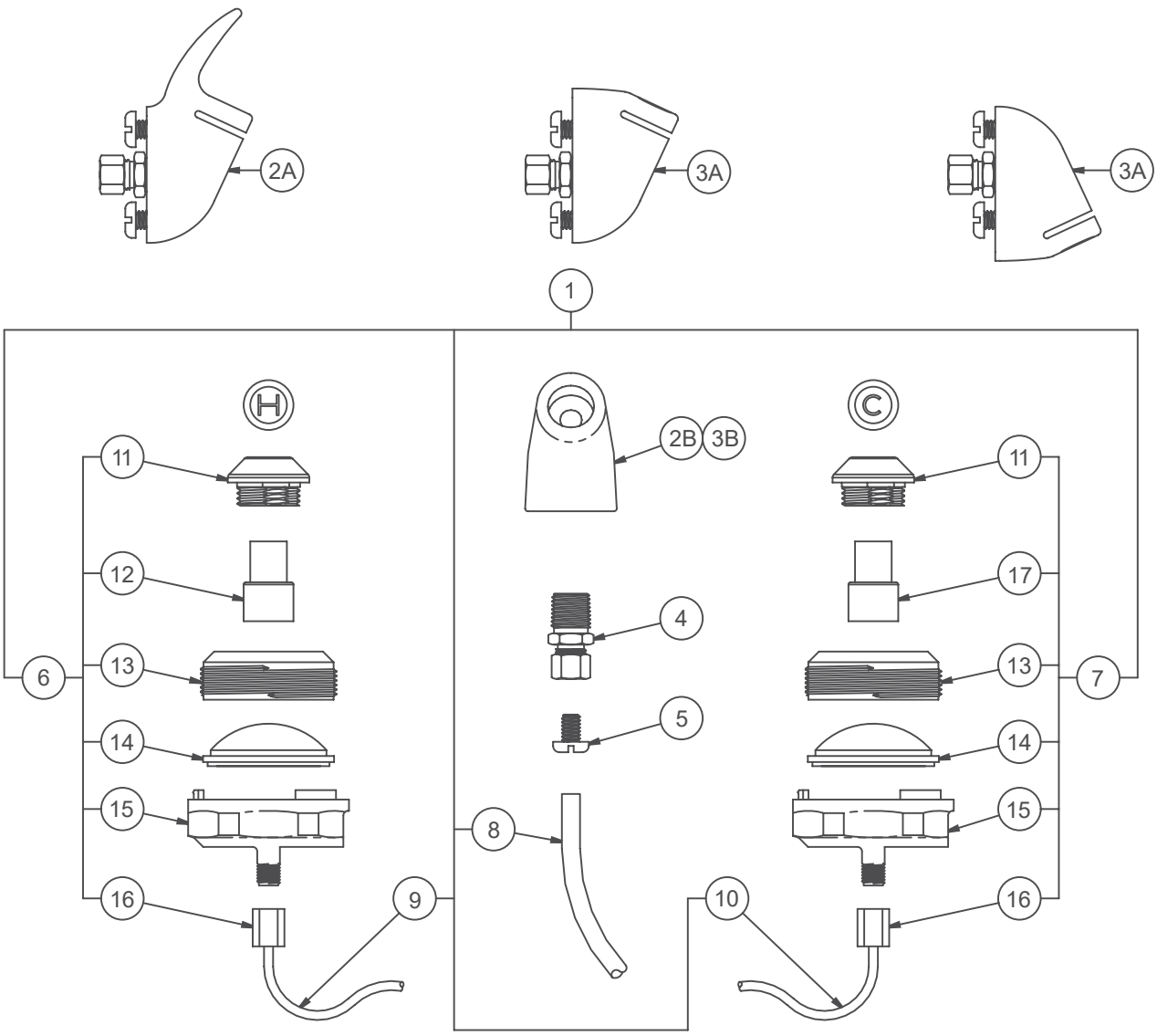
9957-051-001



ITEM	PART NUMBER	DESCRIPTION
1A	000866	BUBBLER w/ MOUTHGUARD HARDWARE PKG
1B	000173	PENAL FILLER/BUBBLER HARDWARE
2A	4025-000-199	BUBBLER w/ MOUTHGUARD
2B	4025-001-199	PENAL FILLER/BUBBLER
3	806236	S/TEMP AIR-CONTROL FIXTURE TRIM
4	1895-002-000	1/4" TUBE x 1/4" NPT COMPRESSION FITTING
5	0126-004-000	#1/4-20 x 3/8" PAN HEAD SCREW
6	821026	BLANK ESCUTCHEON ASSEMBLY
7	2160-000-000	1/4" OD x 10 FEET SUPPLY TUBE
8	2150-000-000	1/8" OD x 10 FEET AIR TUBE
9A	000263	S/T BACK OUTLET PUSHBUTTON ASSEMBLY
9B	810081	S/T SIDE OUTLET PUSHBUTTON ASSEMBLY
10	4005-050-199	BLANK ESCUTCHEON
11	800268	RETAINER NUT
12	2566-020-199	ESCUTCHEON
13	806710	BLANK PUSHBUTTON
14	000867	ESCUTCHEON RETAINER
15	807456	DIAPHRAGM
16A	804296	DIAPHRAGM RETAINER, BACK OUTLET
16B	000301	DIAPHRAGM RETAINER, SIDE OUTLET
17	1895-450-000	1/8" FERRULE NUT

H & C PENAL AIR-CONTROL FIXTURE TRIM

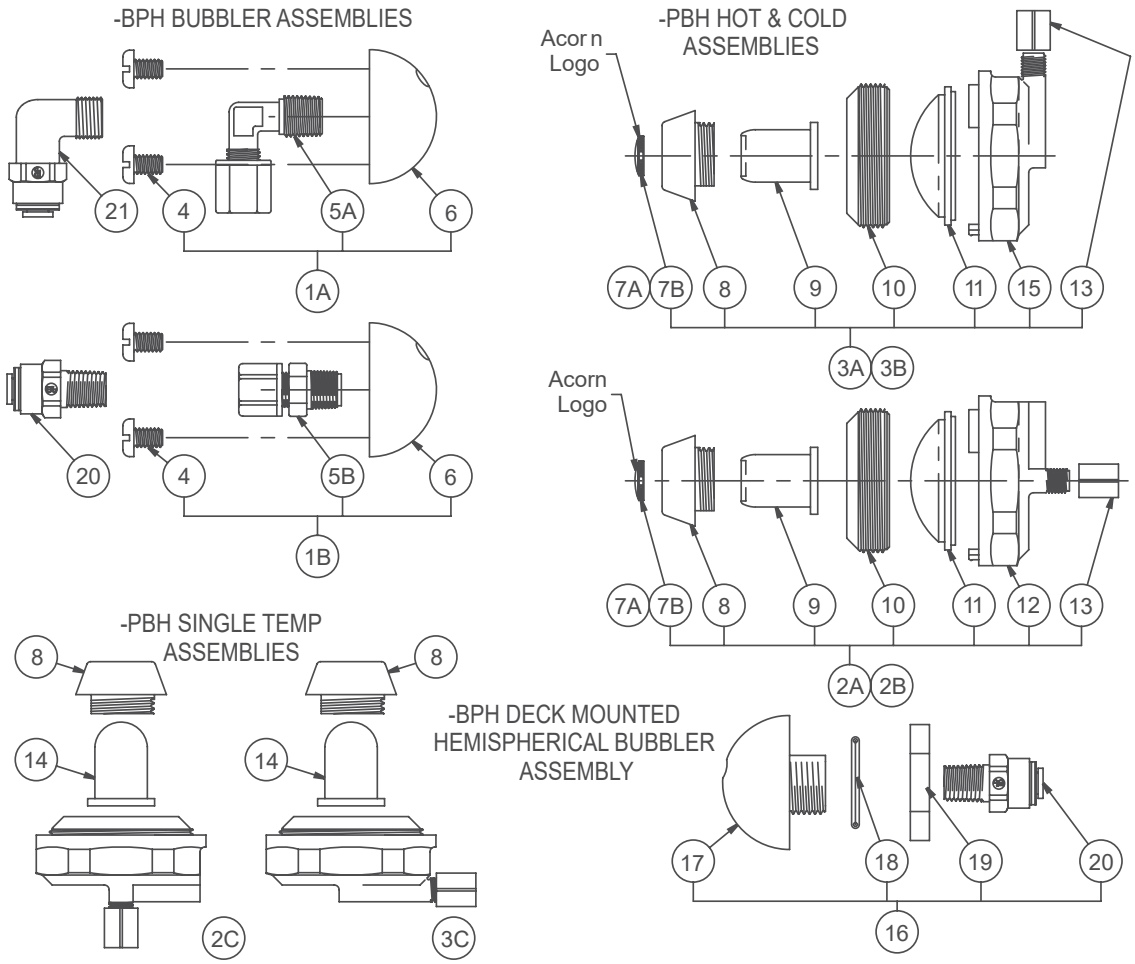
9957-050-001



ITEM	PART NUMBER	DESCRIPTION
1	812470	H&C PENAL PUSHBUTTON ASSEMBLY
2A	000866	CODE BUBBLER w/ HARDWARE
2B	4025-000-199	CODE BUBBLER LESS HARDWARE
3A	000173	FILLER/BUBBLER w/ HARDWARE
3B	4025-001-199	FILLER/BUBBLER LESS HARDWARE
4	1895-002-000	1/4" TUBE x 1/4" NPT COMPRESSION FITTING
5	0126-504-000	#1/4-20 x 3/8" PAN HEAD SLOTTED SCREW
6	000269	PUSHBUTTON ASSEMBLY -HOT
7	000268	PUSHBUTTON ASSEMBLY -COLD
8	005230	1/4" O.D. x 10 FEET PE TUBING -CLEAR
9	403044	1/8" OD x 10 FEET PE TUBING -RED
10	403045	1/8" OD x 10 FEET PE TUBING -BLUE
11	806709	ESCUTCHEON
12	810313	PUSHBUTTON -HOT
13	000867	ESCUTCHEON RETAINER
14	807456	DIAPHRAGM
15	804296	DIAPHRAGM RETAINER
16	1895-450-000	1/8" COMPRESSION NUT
17	810314	PUSHBUTTON -COLD

SUICIDE RESISTANT FIXTURE TRIM

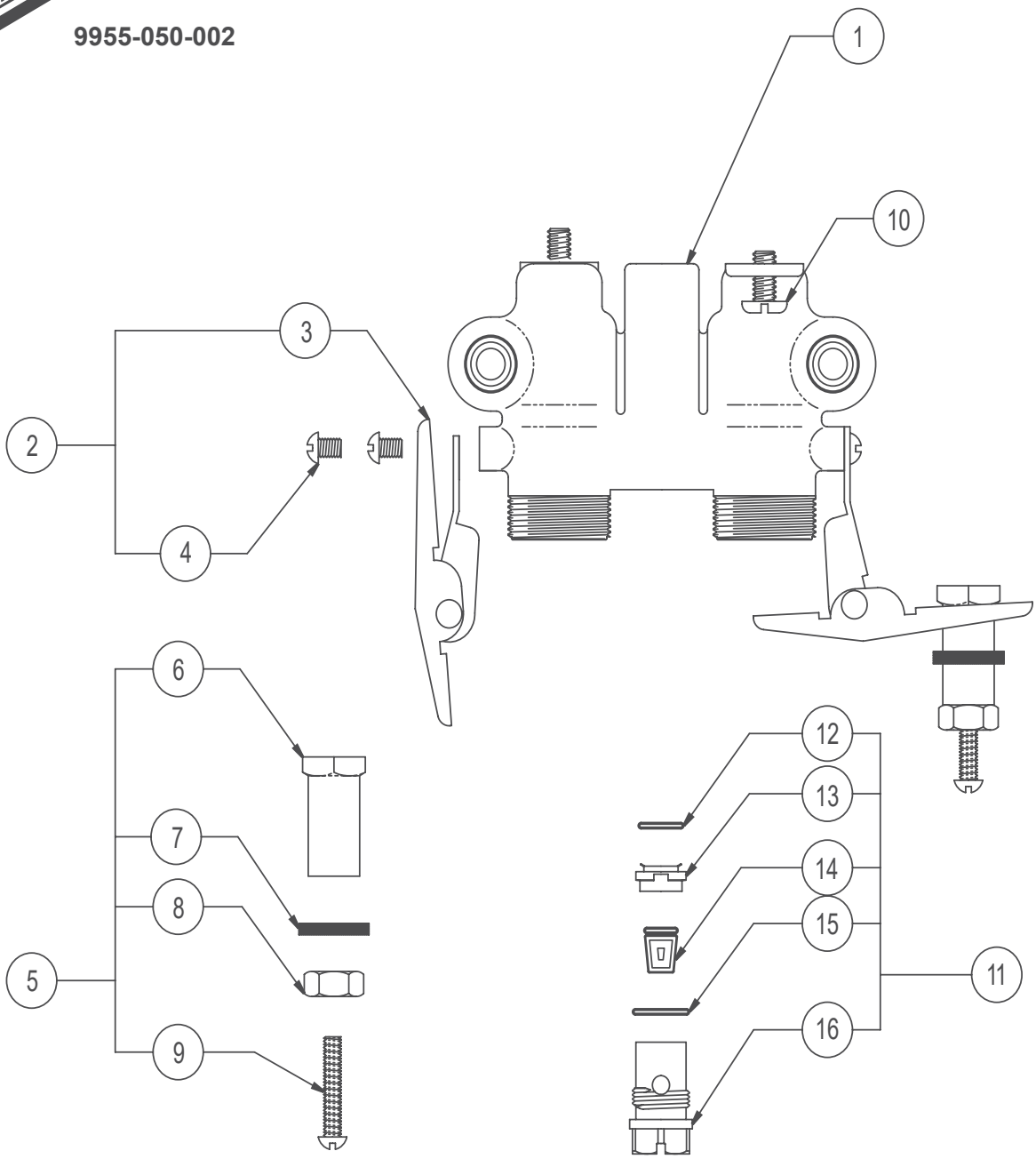
9957-060-001



ITEM	PART NUMBER	DESCRIPTION
1A	810641	HEMI-BUBBLER, ROUND w/ ELBOW ASSY
1B	810440	HEMI-BUBBLER ROUND, w/ STRAIGHT ASSY
2A	810642	HEMI-PUSHBUTTON, "HOT" BCK OUT ASSY
2B	810643	HEMI-PUSHBUTTON, "COLD" BCK OUT ASSY
2C	810644	HEMI-PUSHBUTTON, S/TEMP BCK OUT ASSY
3A	813440	HEMI-PUSHBUTTON, "HOT" SIDE OUT ASSY
3B	813441	HEMI-PUSHBUTTON, "COLD" SIDE OUT ASSY
3C	809359	HEMI-PUSHBUTTON, S/TEMP SIDE OUT ASSY
4	0126-504-000	#1/4-20 x 3/8" PAN HEAD SCREW
5A	1895-152-000	1/4" TUBE x 1/4" NPT NYLON ELBOW
5B	1895-002-000	1/4" TUBE x 1/4" NPT NYLON STRAIGHT
6	4025-050-199	HEMISPHERICAL BUBBLER
7A	2292-113-000	"HOT" RED ACORN LOGO BUTTON
7B	2292-114-000	"COLD" BLUE ACORN LOGO BUTTON
8	4005-030-199	ESCUTCHEON FOR HEMISPHERICAL P/B
9	4005-035-199	PUSHBUTTON FOR LOGO BUTTON
10	000867	ESCUTCHEON RETAINER
11	807456	DIAPHRAGM
12	804296	DIAPHRAGM RETAINER BACK OUTLET
13	1895-450-000	1/8" FERRULE NUT
14	4005-031-199	SINGLE TEMP PUSHBUTTON
15	000301	DIAPHRAGM RETAINER SIDE OUTLET
16	809657	-BPH HEMISPHERICAL DECK BUBBLER ASSY
17	4025-070-199	DECK MOUNTED HEMISPHERICAL BUBBLER
18	0401-120-000	O-RING
19	0308-020-000	1/2" NPSMI BRASS NUT
20	1895-125-000	1/4" NPT x 1/4" OD PUSH-IN
21	1895-705-000	1/4" NPT x 1/4" OD PUSH-IN ELBOW

VALVE BODY FOR PENAL-TROL VALVE

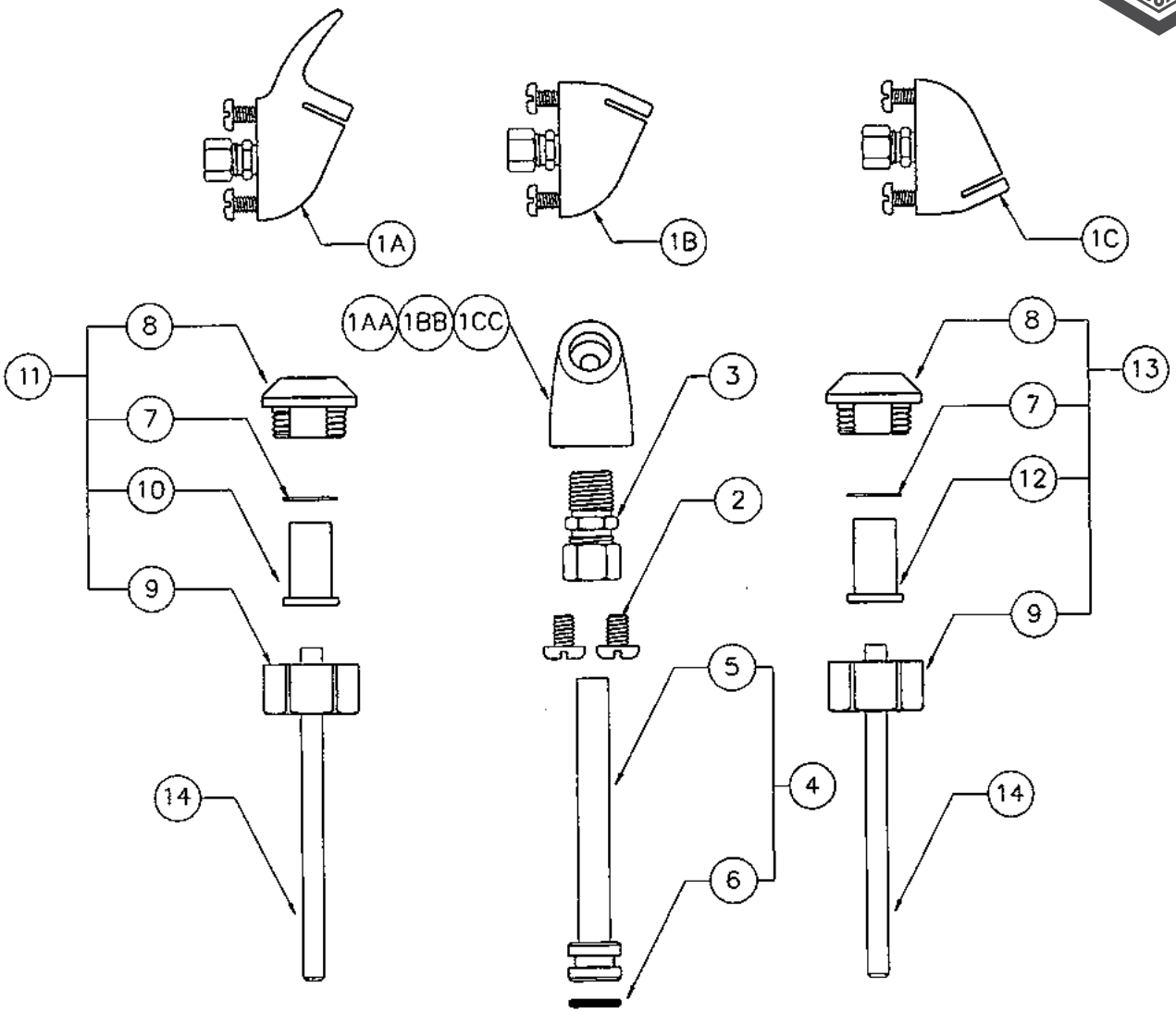
9955-050-002



ITEM	PART NUMBER	DESCRIPTION
1	809049B	VALVE BODY (3/8" NCT INLET)
2	805333	ROCKER/FULCRUM ASSEMBLY
3	2314-000-001	ROCKER/FULCRUM SUB ASSEMBLY
4	0116-004-000	#10 -32 x 1/4" LONG ROUND HEAD SCREW
5	805625	ADJUSTING CUP ASSEMBLY
6	000233	ADJUSTING CUP
7	2315-001-000	ADJUSTING CUP RETAINER
8	0302-004-000	#10-32 ADJ NUT
9	0106-014-000	#10-32 x 1" LONG ROUND HEAD SCREW
10	0126-004-000	1/4"-20 x 3/8" LONG PAN HEAD SCREW
11	806697	.5 GPM FLO-CONTROL ASSEMBLY
12	0401-012-000	O-RING
13	806187	FLO-CONTROL RETAINER
14	809058	.5 GPM FLO-CONTROL
15	0401-014-000	O-RING
16	807229	FLO-CONTROL PLUG

FIXTURE TRIM FOR PENAL-TROL VALVE BODY

DRAWING # 9957-000-001 (OCT `78 THROUGH JULY `86)

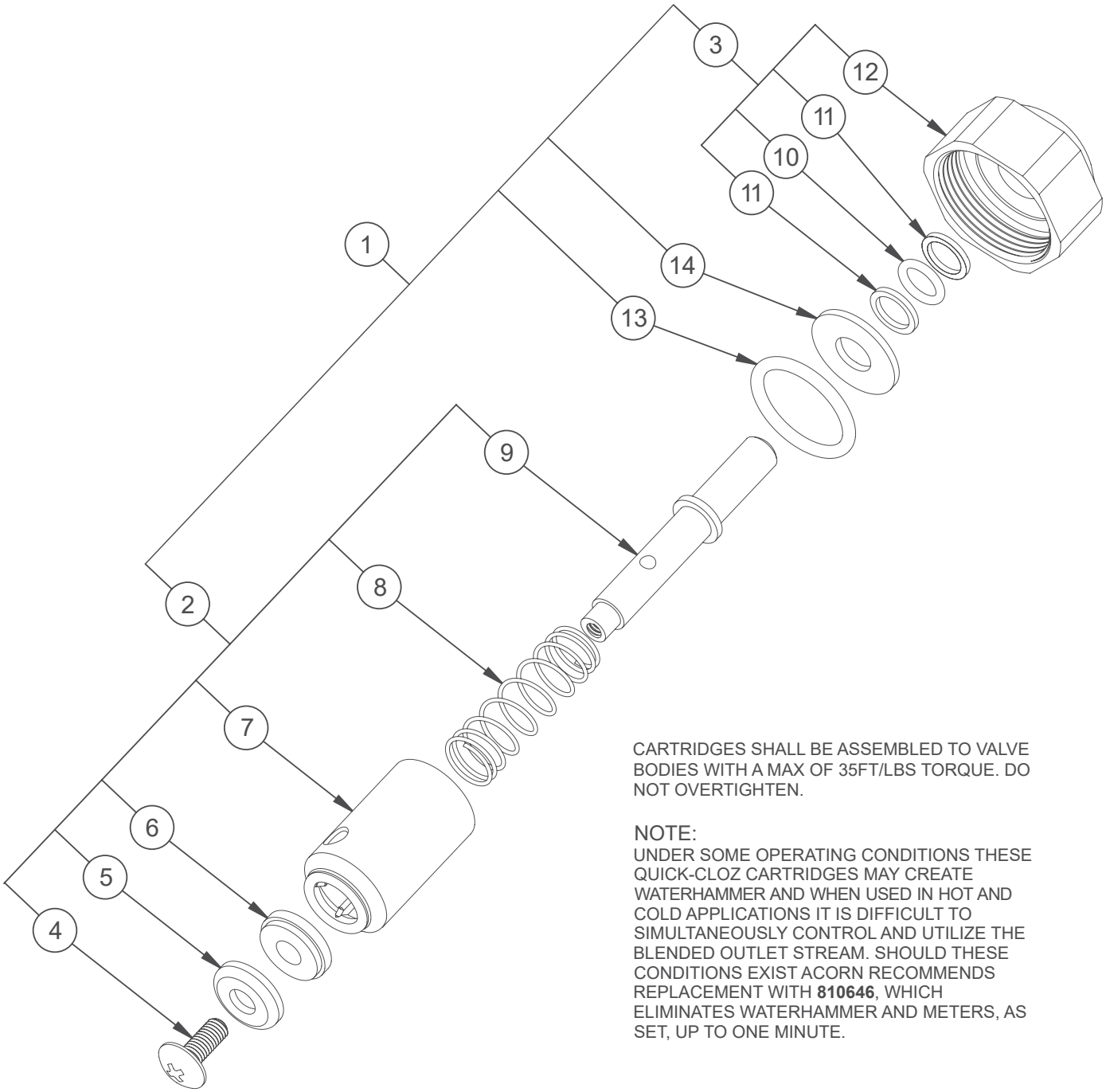


ITEM	PART NUMBER	DESCRIPTION	ITEM	PART NUMBER	DESCRIPTION
1A	4025-000-001	FILLER-BUBBLER W/ MOUTHGUARD ASSEMBLY	5	2322-008-001	SUPPLY TUBE SUB-ASSY (8")
1AA	4025-000-199	FILLER-BUBBLER W/MOUTHGUARD	6	0401-111-000	O-RING
1B	4025-001-001	FILLER-BUBBLER LESS MOUTHGUARD ASSEMBLY	7	0421-016-000	GASKET
1BB	4025-001-199	FILLER-BUBBLER L/MOUTHGUARD	8	4005-000-199	ESCUTCHEON
1C	4025-001-001	FILLER ONLY ASSEMBLY	9	4015-000-199	RETAINER NUT
1CC	4025-001-199	FILLER ONLY	10	4010-002-199	PUSHBUTTON "C"
2	0126-004-000	1/4"-20 x 3/8" LG. PANHEAD	11	4005-002-001	ESCUTCHEON ASSEMBLY COLD
3	1896-006-000	COMPRESSION FITTING	12	4010-001-199	PUSHBUTTON "H"
4	2322-008-002	SUPPLY TUBE ASSY (8" WALL)	13	4005-001-001	ESCUTCHEON ASSEMBLY HOT
			14	0389-008-199	PUSHROD (8" WALL)
			15	4016-011-001	ASSY-ITEMS 4 THRU 14

NOTES: _____

QUICK-CLOZ CARTRIDGE FOR PENAL-TROL VALVE

9955-200-001



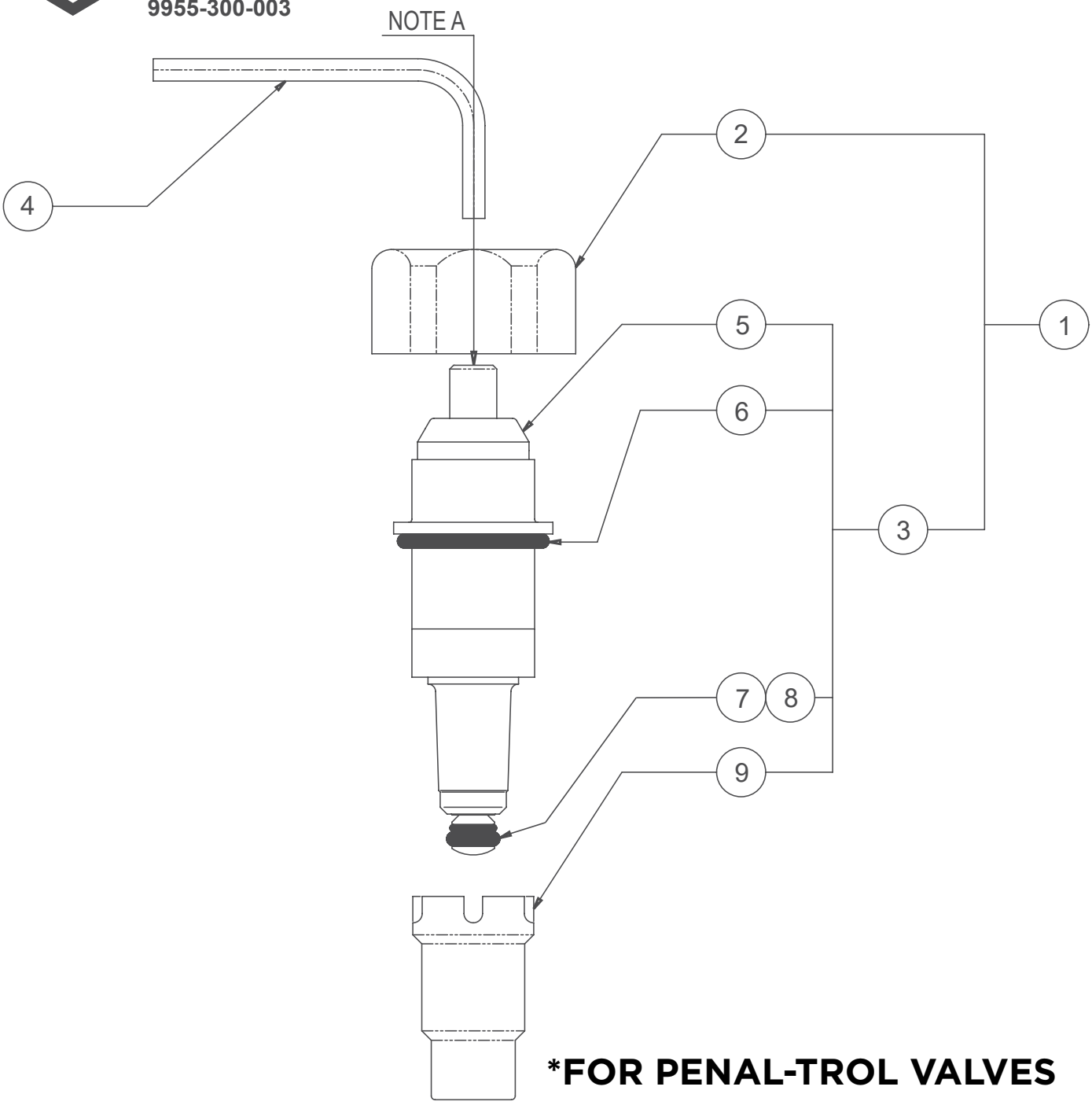
CARTRIDGES SHALL BE ASSEMBLED TO VALVE BODIES WITH A MAX OF 35FT/LBS TORQUE. DO NOT OVERTIGHTEN.

NOTE:
UNDER SOME OPERATING CONDITIONS THESE QUICK-CLOZ CARTRIDGES MAY CREATE WATERHAMMER AND WHEN USED IN HOT AND COLD APPLICATIONS IT IS DIFFICULT TO SIMULTANEOUSLY CONTROL AND UTILIZE THE BLENDED OUTLET STREAM. SHOULD THESE CONDITIONS EXIST ACORN RECOMMENDS REPLACEMENT WITH **810646**, WHICH ELIMINATES WATERHAMMER AND METERS, AS SET, UP TO ONE MINUTE.

1	604141	CARTRIDGE ASSY -COMPLETE	8	1380-004-000	SPRING
2	807304	CARTRIDGE ASSY -LESS BONNET	9	812304	ROD
3	2305-010-001	BONNET ASSY	10	807311	O-RING
4	807307	#10-32 x 1/2" PHIL	11	807312	BACK-UP RING
5	2260-009-199	DISK RETAINER	12	807302	BONNET
6	807558	GASKET DISK	13	0401-117-000	O-RING
7	2305-014-000	SLEEVE & SEAT	14	807310	RETAINER
ITEM	PART NUMBER	DESCRIPTION	ITEM	PART NUMBER	DESCRIPTION

"PENAL-MATIC" (-M FLUID METERING) CARTRIDGE

9955-300-003



*FOR PENAL-TROL VALVES

NOTE A

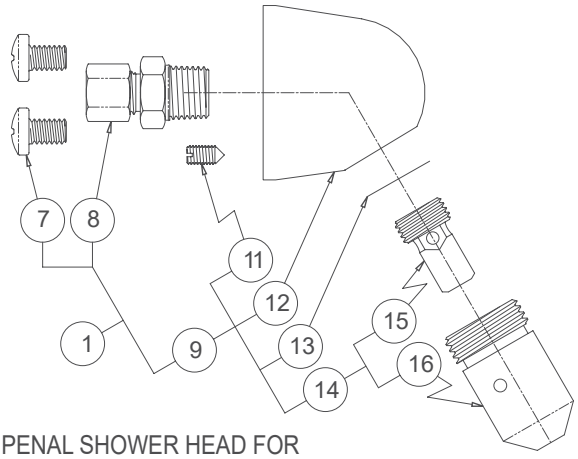
A- Timing is adjustable from 5 to 60 seconds and is accomplished by inserting hex wrench, item #4 into the hole in the stem. Turning the needle clockwise increases timing, counterclockwise decreases timing. Do not attempt to remove the timing needle -to do so will void the warranty. Changes in water pressure and/or temperature will affect timing and may require readjustment.

B- Bonnet, Item #2, shall be assembled to valve body with a max of 35 ft/lbs. Do not overtighten.

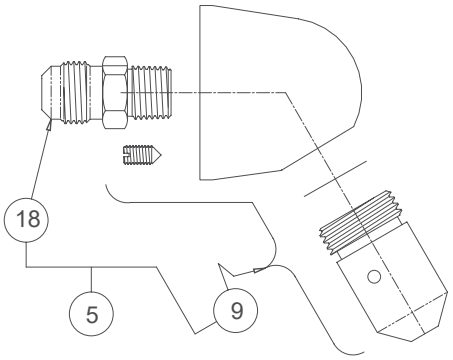
1	810646	CARTRIDGE ASSY w/BONNET	6	0401-117-000	O-RING
2	801514	BONNET	7	0403-104-000	O-RING
3	807645	CARTRIDGE ASSEMBLY	8	0401-006-000	O-RING
4	0298-003-000	3/32" ALLEN WRENCH	9	2302-005-000	SEAT (5/16" CLOSURE)
5	2302-003-002	BODY ASSEMBLY			
ITEM	PART NUMBER	DESCRIPTION	ITEM	PART NUMBER	DESCRIPTION

PENAL SHOWER HEADS

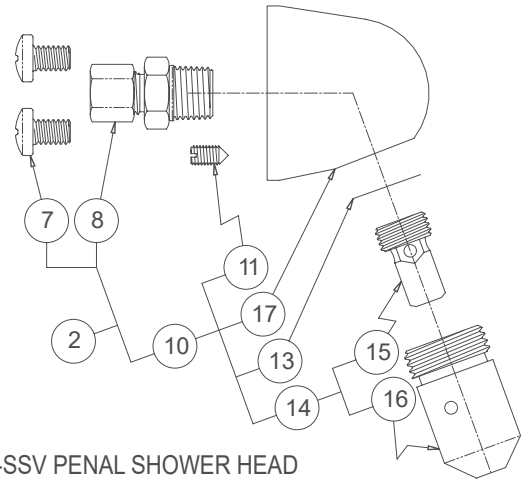
9970-000-003



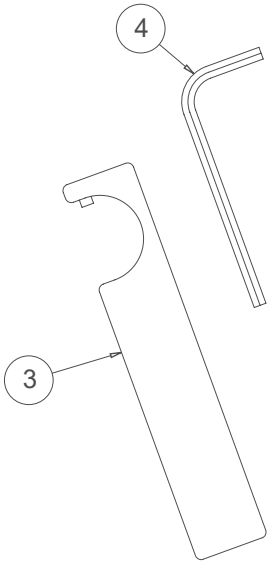
PENAL SHOWER HEAD FOR
AIR-CONTROL VALVE

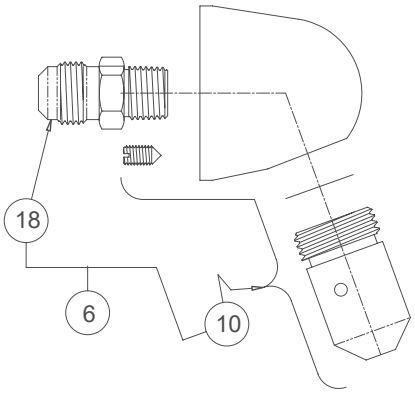


PENAL SHOWER HEAD FOR
PENAL-TROL VALVE



-SSV PENAL SHOWER HEAD
FOR AIR-CONTROL VALVE





-SSV PENAL SHOWER HEAD
FOR PENAL-TROL VALVE

NOTE:
1- THESE SHOWER HEADS ARE USED WITH PENAL VALVES. FLOW

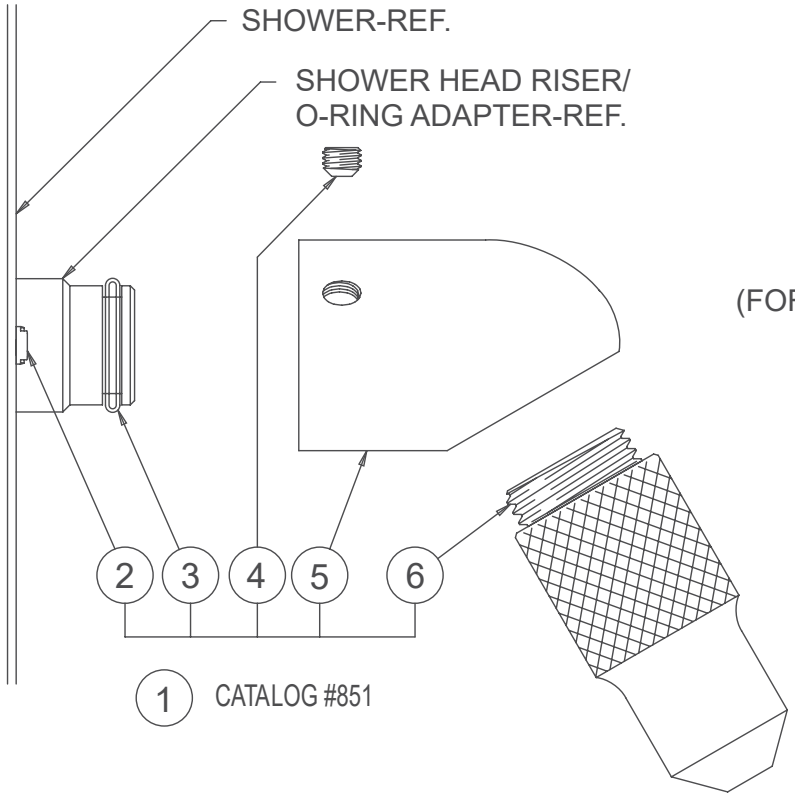
2- ADJUST SPRAY PATTERN BY ROTATING THE ADJUSTABLE

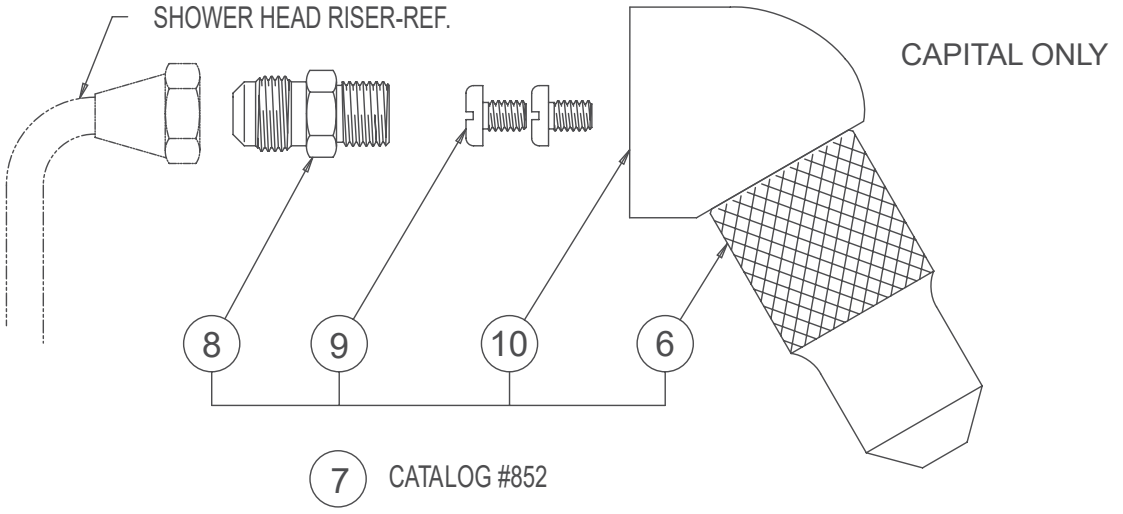
3- THESE HEADS USED ON MODEL 1730 AND 1741 SERIES.

1	001077	AIR-CONTROL SHOWER HEAD ASSEMBLY	10	1244-010-001	SHOWER HEAD ASSEMBLY -SSV
2	810647	AIR-CONTROL SHOWER HEAD ASSY -SSV	11	0816-002-000	#10-32 x 3/8" CONE POINT SET SCREW
3	700101	PENAL SHOWER HEAD WRENCH	12	1244-001-199	PENAL SHOWER HEAD
4	202984	1/8" ALLEN WRENCH	13	802931	GASKET
5	501555	PENAL-TROL SHOWER HEAD ASSEMBLY	14	802928	SHOWER NOZZLE ASSEMBLY
6	810648	PENAL-TROL SHOWER HEAD ASSY -SSV	15	812040	ADJUSTABLE INSERT
7	0126-504-000	1/4-20 x 3/8" PHIL PAN HEAD SCREW	16	802945	SHOWER NOZZLE
8	1895-002-000	1/4" NPT x 1/4" OD MALE CONNECTOR	17	1244-002-199	-SSV PENAL SHOWER HEAD
9	810123	SHOWER HEAD ASSEMBLY	18	407578	3/8" FLARE x 1/4" MALE CONNECTOR
ITEM	PART NUMBER	DESCRIPTION	ITEM	PART NUMBER	DESCRIPTION

STANDARD SHOWER HEAD MODEL #851 & #852

9970-120-003

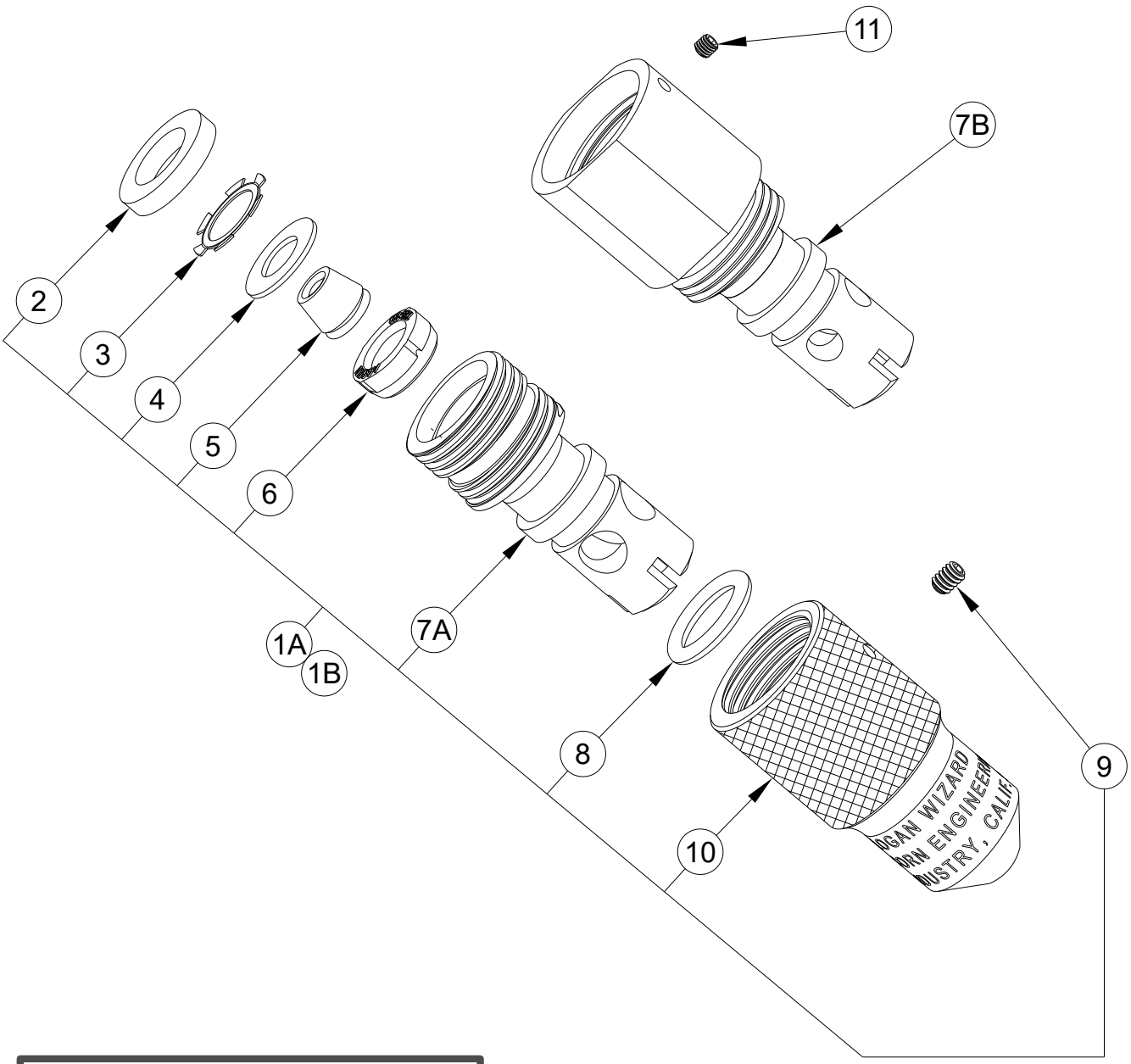




ITEM	PART NUMBER	DESCRIPTION	ITEM	PART NUMBER	DESCRIPTION
1	503305	#851 SHOWER HEAD ASSY -STD	6	809325	SHOWER NOZZLE ASSEMBLY
2	0112-002-000	#10-32 x 1/2" UNF CTR REJEJECT	7	1141-010-001	#852 SHWR HD ASSY -CAPITAL
3	0401-115-000	O-RING	8	407578	3/8" TUBE x 1/2" NPT CONN FLARE
4	0181-014-000	1/4"-28 x 3/16" SET SCREW	9	0112-002-000	#10-32 x 1/2" BUTTON HD MS
5	1140-000-199	SHOWER HEAD BRACKET -STD	10	1141-000-199	SHOWER BRACKET -CAPITAL

SHOWER NOZZLE - RIGID HEAD

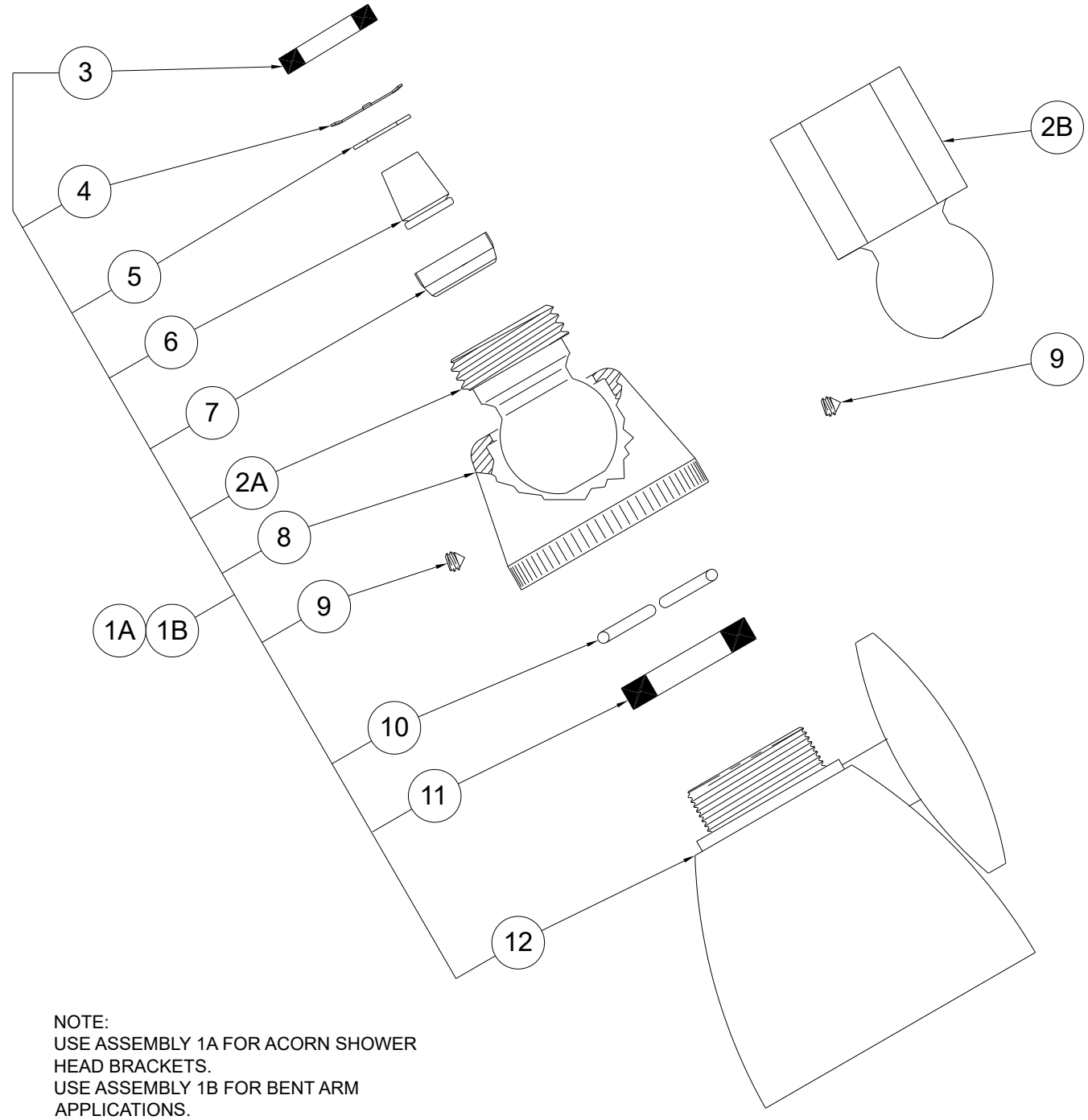
9970-101-004



NOTE:
REPLACE ITEM 7A WITH ITEMS 7B, 8 & 11 FOR ASSEMBLY 1B.
USE ASSEMBLY 1A FOR ACORN SHOWER HEAD BRACKETS.
USE ASSEMBLY 1B FOR BENT ARM APPLICATIONS.

1A	809325	SHOWER HEAD ASSEMBLY, MALE	7A	810649	CAP RECEIVER, MALE
1B	805936	SHOWER HEAD ASSEMBLY, FEMALE	7B	1190-100-199	CAP RECEIVER, FEMALE
2	802931	GASKET	8	0401-112-000	O-RING
3	0326-011-000	RETAINING GASKET	9	0181-011-000	#6-32 x 3/16” SET SCREW
4	0331-027-000	FLAT WASHER	10	812314	SHOWER CAP
5	806711	2.2 GPM FLO-CONTROL	11	0181-012-000	#6-32 x 7/64” SET SCREW
6	1295-100-000	FLO-CONTROL			
ITEM	PART NUMBER	DESCRIPTION	ITEM	PART NUMBER	DESCRIPTION

9970-050-004

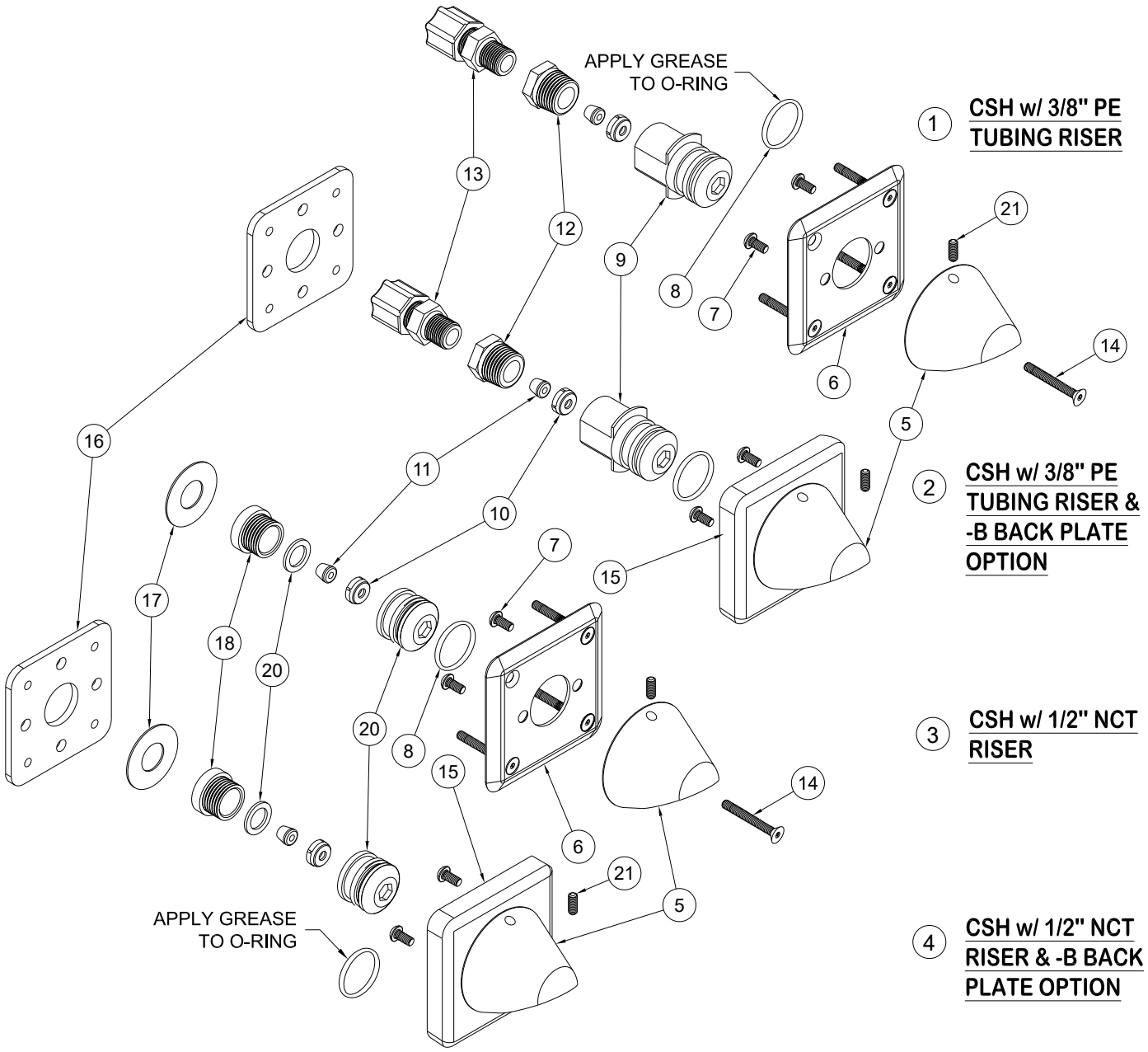


NOTE:
USE ASSEMBLY 1A FOR ACORN SHOWER HEAD BRACKETS.
USE ASSEMBLY 1B FOR BENT ARM APPLICATIONS.
REPLACE ITEM 2A WITH ITEM 2B AND ITEM 9.

1A	500539	SHOWER HEAD ASSEMBLY	6	806711	2.2 GPM FLO-CONTROL
1B	810651	SHOWER HEAD BENT ARM ASSY	7	1295-100-000	LOWER FLO-CONTROL RETAINER
2A	1180-100-199	BALL JOINT BODY	8	1207-000-299	BALL JOINT NUT
2B	1174-100-199	BALL JOINT BODY, BENT ARM	9	0181-012-000	#6-32 x 1/8” SET SCREW
3	802931	WASHER PE	10	1172-000-199	RETAINING RING
4	0326-011-000	UPPER FLO-CONTROL RETAINER	11	0434-120-000	GRAPHITE INPREG WASHER
5	0331-027-000	.593” OD x .312” ID x .031” WASHER	12	1205-000-000	SHOWER HEAD
ITEM	PART NUMBER	DESCRIPTION	ITEM	PART NUMBER	DESCRIPTION

SUICIDE RESISTANT CONICAL SHOWER HEAD

9970-009-001

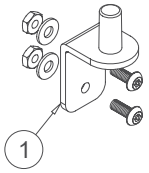


1	1146-100-001	CSH ASSY -3/8" PE RISER TUBING	12	806741	1/2" NPTE x 3/8" NPTI BUSHING
2	SG5CSH07-001	CSH-B ASSY -3/8" PE RISER TUBING	13	1895-004-000	3/8" NPTE x 3/8" TUBE MALE FITTING
3	SG5CSH00-001	CSH ASSY -1/2" NCT RISER	14	0152-003-000	#10-32 x 1-1/2" FLAT HEAD SCREW
4	SG5CSH05-001	CSH-B ASSY -1/2" NCT RISER	15	SG5CSH05-002	CSH-B MOUNTING PLATE
5	1146-000-002	SHOWER HEAD ASSEMBLY	16	45205-003-199	BACKPLATE
6	1146-060-199	SHOWER HEAD PLATE	17	0331-011-199	RETAINING WASHER
7	0112-007-000	1/4-20 x 1/2" BUTTON HEAD SCREW	18	SG5CSH06-199	1" DIA. BRASS ADAPTER
8	0401-116-000	O-RING	19	1146-005-199	SHOWER HEAD ADAPTER
9	1146-007-199	SHOWER HEAD ADAPTER	20	0431-013-000	NEOPRENE WASHER
10	1295-100-000	FLO-CONTROL RETAINER	21	0181-025-000	#M5 x 8 x 14mm SET SCREW
11	806711	FLO-CONTROL 2.2 GPM			
ITEM	PART NUMBER	DESCRIPTION	ITEM	PART NUMBER	DESCRIPTION

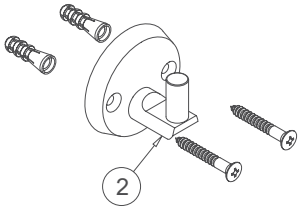
FLEX SHOWERHEAD MODELS SUFFIX OPTION -FX

9970-102-003

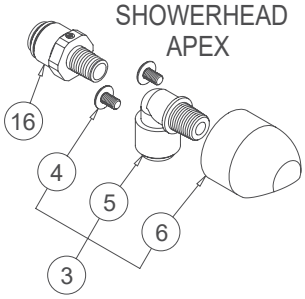
PANEL MOUNTING BRACKET



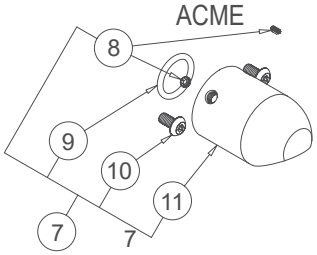
WALL MOUNTING BRACKET

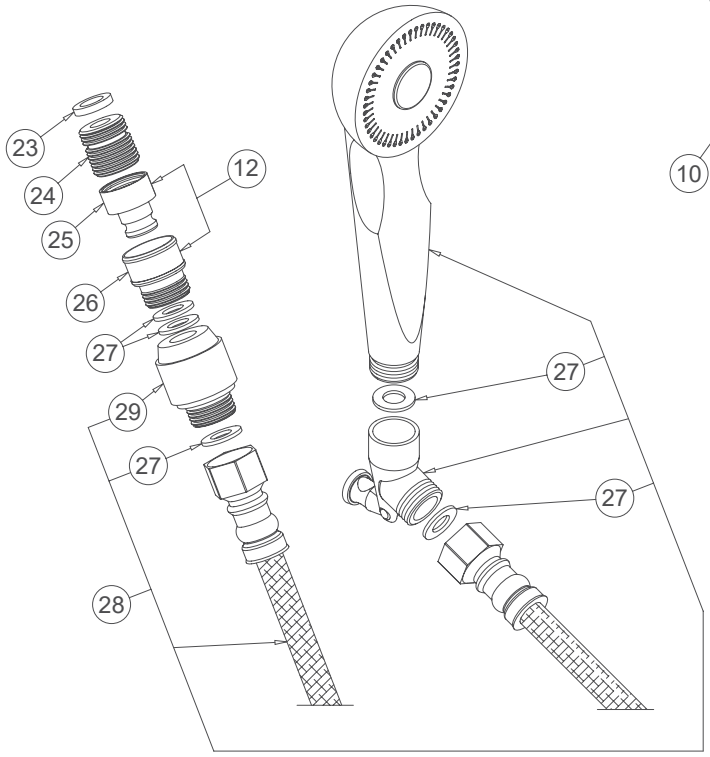


SHOWERHEAD APEX

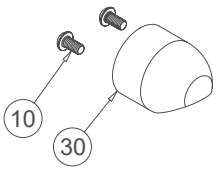


SHOWERHEAD ACME

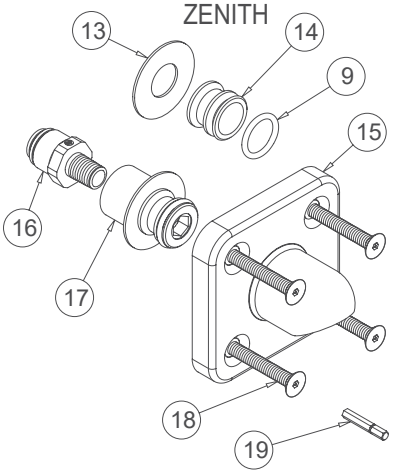




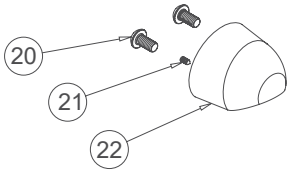
SHOWERHEAD CAPITAL



SHOWERHEAD ZENITH



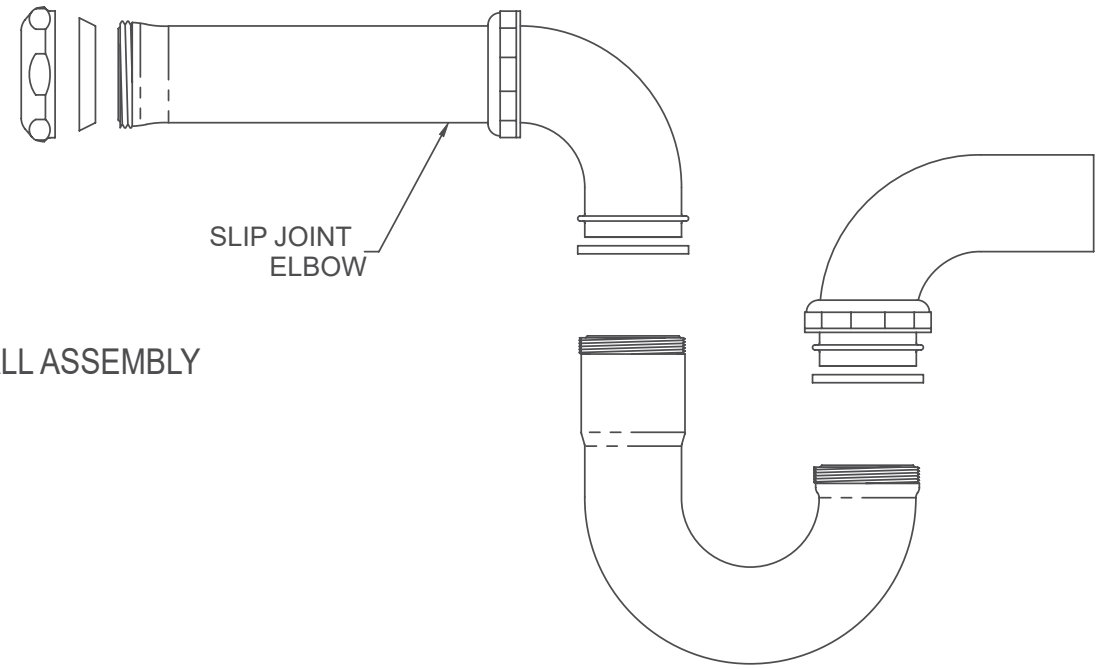
SHOWERHEAD PENAL



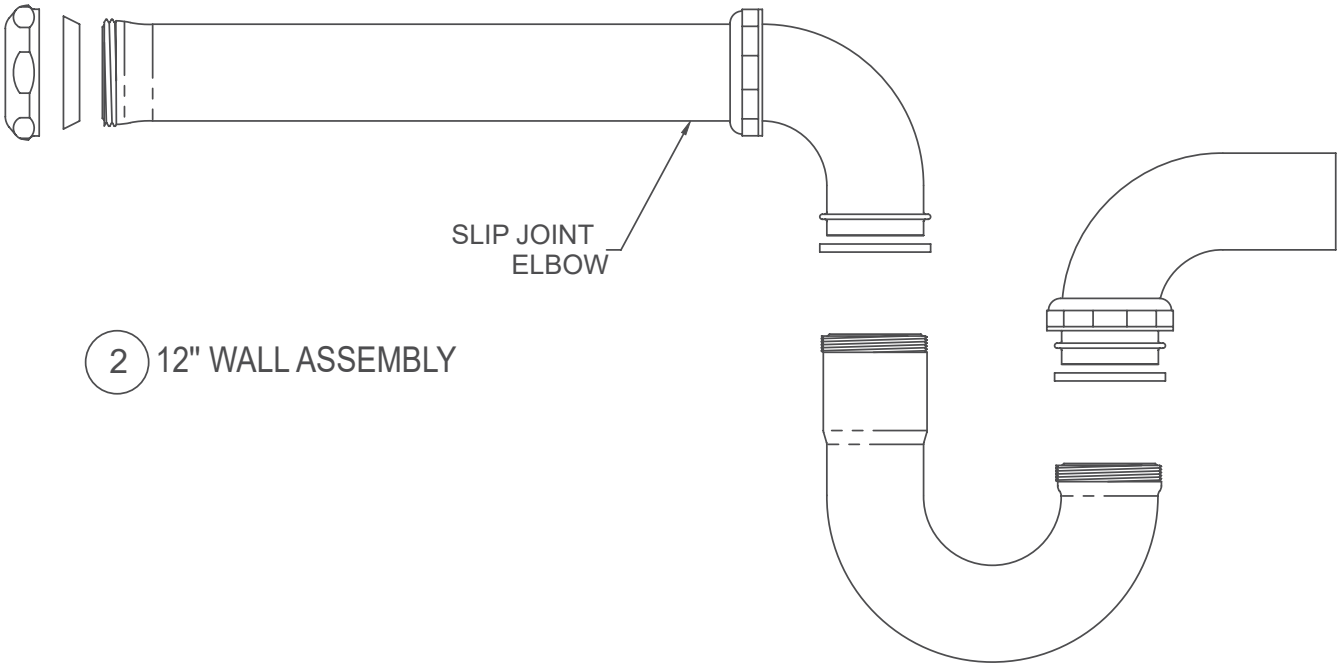
ITEM	PART NUMBER	DESCRIPTION	ITEM	PART NUMBER	DESCRIPTION
1	1295-010-002	HAND SHOWER BRACKET- PANEL MT	16	1895-126-000	3/8" OD x 1/4" NPT PUSH-IN FITTING
2	1293-008-000	HAND SHOWER BRACKET- WALL MT	17	810429	1/4" NPT x O-RING INLET ADAPTER
3	810652	APEX SHOWER HEAD ASSEMBLY	18	0152-022-000	1/4"-20 x 1-1/4" ALLEN HD SCREW
4	0116-016-000	#10-32 x 3/8" PHIL TRUSS HD SCREW	19	0296-025-199	CENTER REJECT ALLEN DRIVER BIT
5	1895-707-000	3/8" OD x 1/4" NPT PUSH-IN ELBOW	20	0126-504-000	1/4"-20 x 3/8" PHIL PAN HD SCREW
6	1141-000-199	APEX SHOWER HEAD	21	0186-002-000	#10-32 AL CONE POINT SET SCREW
7	810653	ACME SHOWER HEAD ASSEMBLY	22	1244-001-199	PENAL SHOWER HEAD
8	0181-014-000	1/4"-28 x 3/16" ALLEN HD SET SCREW	23	802931	GASKET
9	0401-115-000	O-RING	24	1160-001-199	1/2" NPS INLET x 1/2" NPT OUTLET
10	0112-002-000	#10-32 x 1/2" AL BUTTON HD SCREW	25	1296-004-000	1/2" NPT QUICK DISCONNECT PLUG
11	1140-000-199	O-RING INLET SHOWER HEAD	26	1295-003-000	QUICK DISCONNECT SOCKET
12	816520	PLUG & SOCKET ASSEMBLY (-QD)	27	815443	GASKET
13	0331-011-000	RETAINING WASHER	28	506300	FLEX HAND SHOWER ASSEMBLY
14	1130-000-199	COPPER x O-RING INLET ADAPTER	29	810657	VACUUM BREAKER
15	1110-000-050	FLANGED SHOWER HD- REAR INLET	30	1141-000-299	CAPITAL SHOWER HEAD

-LW1 LAVY THRU-WALL EXTENSION, P-TRAP 1-1/2”

9985-300-002



1 8" WALL ASSEMBLY



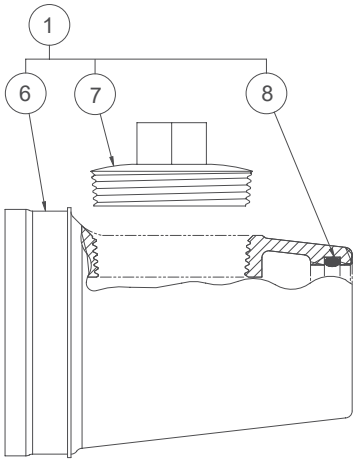
2 12" WALL ASSEMBLY

1	810658	LAVY THRU WALL WASTE- 8” WALL	2	4953-282-000	LAVY THRU WASTE WALL -12” WALL
ITEM	PART NUMBER	DESCRIPTION	ITEM	PART NUMBER	DESCRIPTION

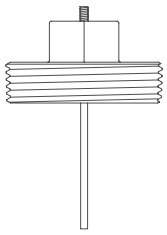
CLEANOUT W/ O-RING NO-HUB & WASTE FITTINGS

9985-125-002

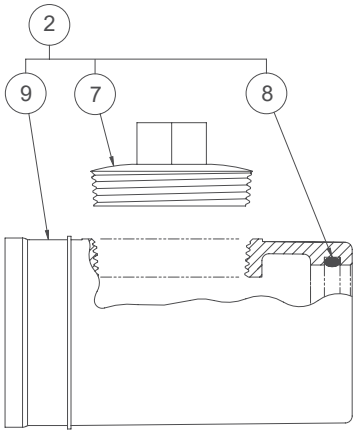
SUFFIX -CO1
4" NO-HUB TO 2-3/8" O.D. O-RING



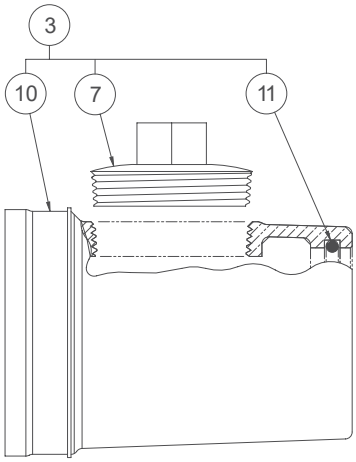
5
-PC PINNED CLEAN-OUT
PLUG 2-1/2" NPT
ASSEMBLY



SUFFIX -CO1-3
3" NO-HUB TO 2-3/8" O.D. O-RING

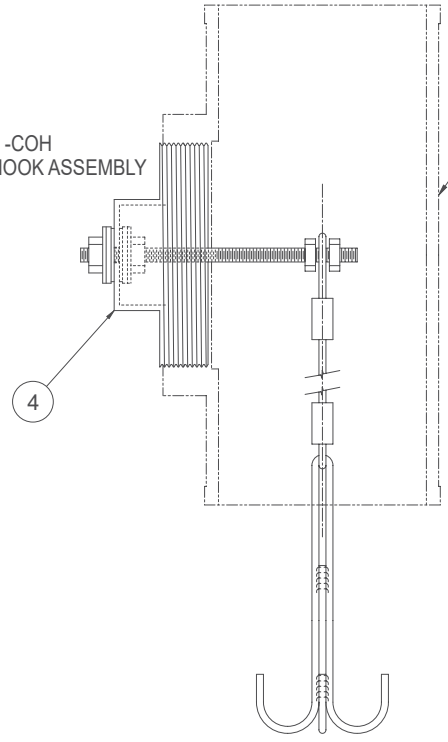


SUFFIX -CO1-WO3
4" NO-HUB TO 3" O.D. O-RING



SUFFIX -COH
CLEANOU T HOOK ASSEMBLY

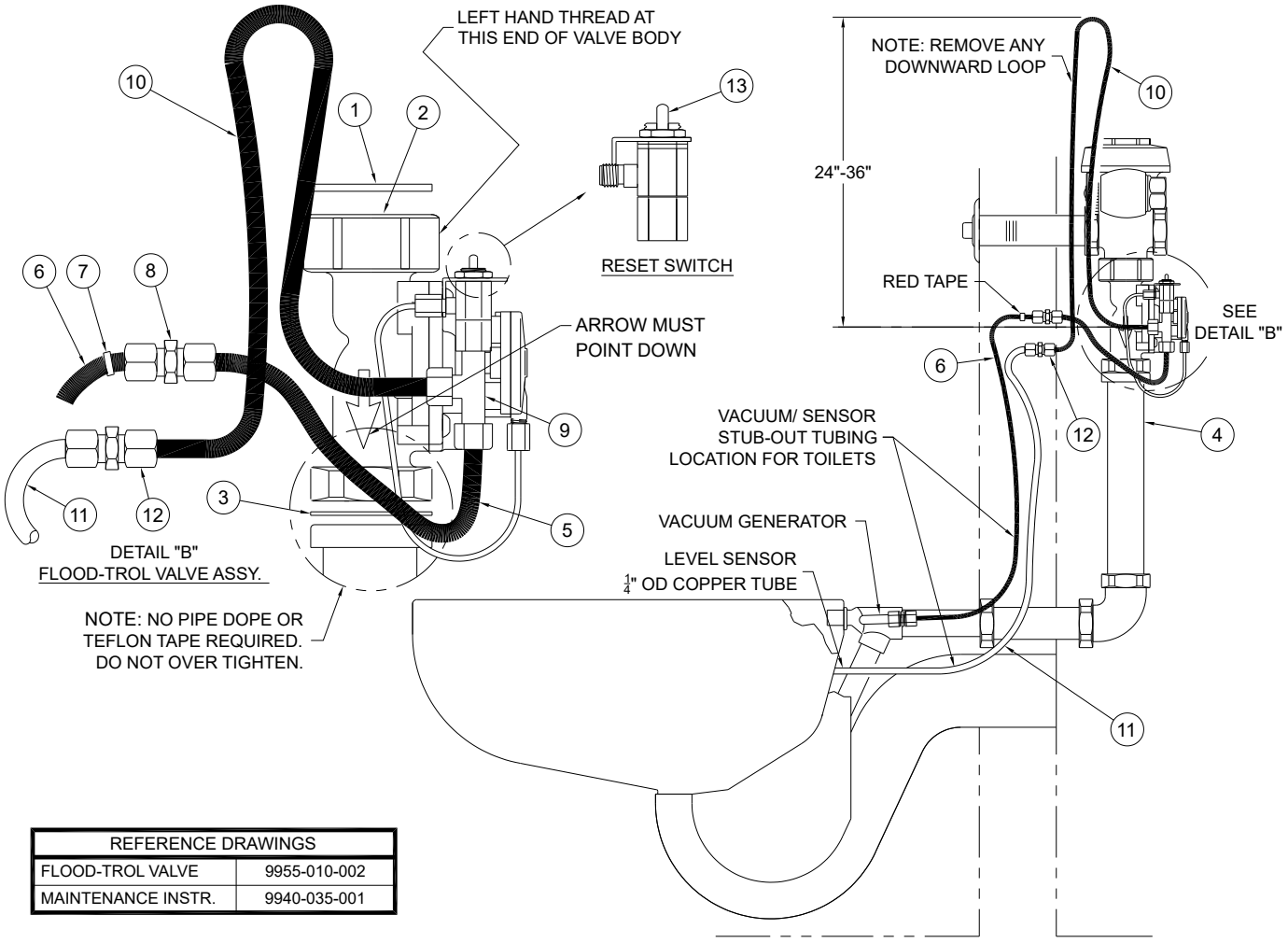
4" NO-HUB TEE
SHOWN FOR
REFERENCE ONLY



1	809908	4” NO-HUB TO 2-3/8” WASTE CONN	7	1834-081-000	DWV PLUG (PLASTIC)
2	809909	3” NO-HUB TO 2-3/8” WASTE CONN	8	0401-332-000	O-RING
3	809911	4” NO-HUB TO 3” WASTE CONN	9	4908-060-199	3” NO-HUB CONN w/CLEANOUT
4	816751	VERTICAL CLEAN-OUT HOOK ASSY	10	4903-040-199	4” NO-HUB CONN w/ CLEANOUT
5	816752	-PC PINNED CLEAN-OUT PLG ASSY	11	0401-337-000	O-RING
6	4908-065-199	4” NO-HUB CONN w/CLEANOUT			
ITEM	PART NUMBER	DESCRIPTION	ITEM	PART NUMBER	DESCRIPTION

SUFFIX (-FT) FLOOD-TROL MANUAL RESET

9905-090-003



REFERENCE DRAWINGS	
FLOOD-TROL VALVE	9955-010-002
MAINTENANCE INSTR.	9940-035-001

INSTALLATION INSTRUCTIONS:

A- INSTALL ACORN FIXTURE, FACTORY PRE-PIPED FOR OPTIONAL (-FT) FLOOD-TROL PER APPLICABLE PRODUCT INSTALLATION INSTRUCTIONS.

B- POSITION SEALING GASKET (1) ON BOTTOM OF FLUSH VALVE AND INSTALL FLOOD-TROL VALVE BODY (2) (NOTE: ARROW ON FLOOD-TROL BODY (2) MUST POINT DOWN). POSITION GASKET (3) BELOW FLOOD-TROL BODY. SECURE FLOOD-TROL BODY FACING OUT OR IN A MANNER THAT WOULD FACILITATE FUTURE SERVICING AND MAINTENANCE. DO NOT BLOCK. INSTALL VACUUM BREAKER TUBING (4) TO BOTTOM OF FLOOD-TROL VALVE (2). BE AWARE THAT WHEN USING A FLUSH VALVE NOT ORDERED FROM ACORN THE VACUUM BREAKER TUBE MUST BE 4-5/8" SHORTER THAN STANDARD. INLET SIDE OF FLOOD-TROL VALVE (2) HAS LEFT HANDED THREADS.

C- COMPLETE REMAINDER OF FLUSH VALVE INSTALLATION PER MANUFACTURER'S RECOMMENDATIONS.

D- CONNECT 1/4" O.D. VACUUM GENERATOR TUBING (5) TO 1/4" COPPER TUBING STUB-OUT (6) (TUBING STUB-OUT (6) IS TAGGED WITH RED TAPE (7)) WITH COMPRESSION ADAPTER (8) AT FIXTURE AND TO TEE FITTING (9) AT FLOOD-TROL VALVE (2) AS SHOWN (CONNECTIONS TO TEE FITTING ARE INTERCHANGEABLE). NOTE: ADAPTER (8) MUST BE INSTALLED WITH METAL FERRULE GRIPPER ON COPPER TUBE SIDE.

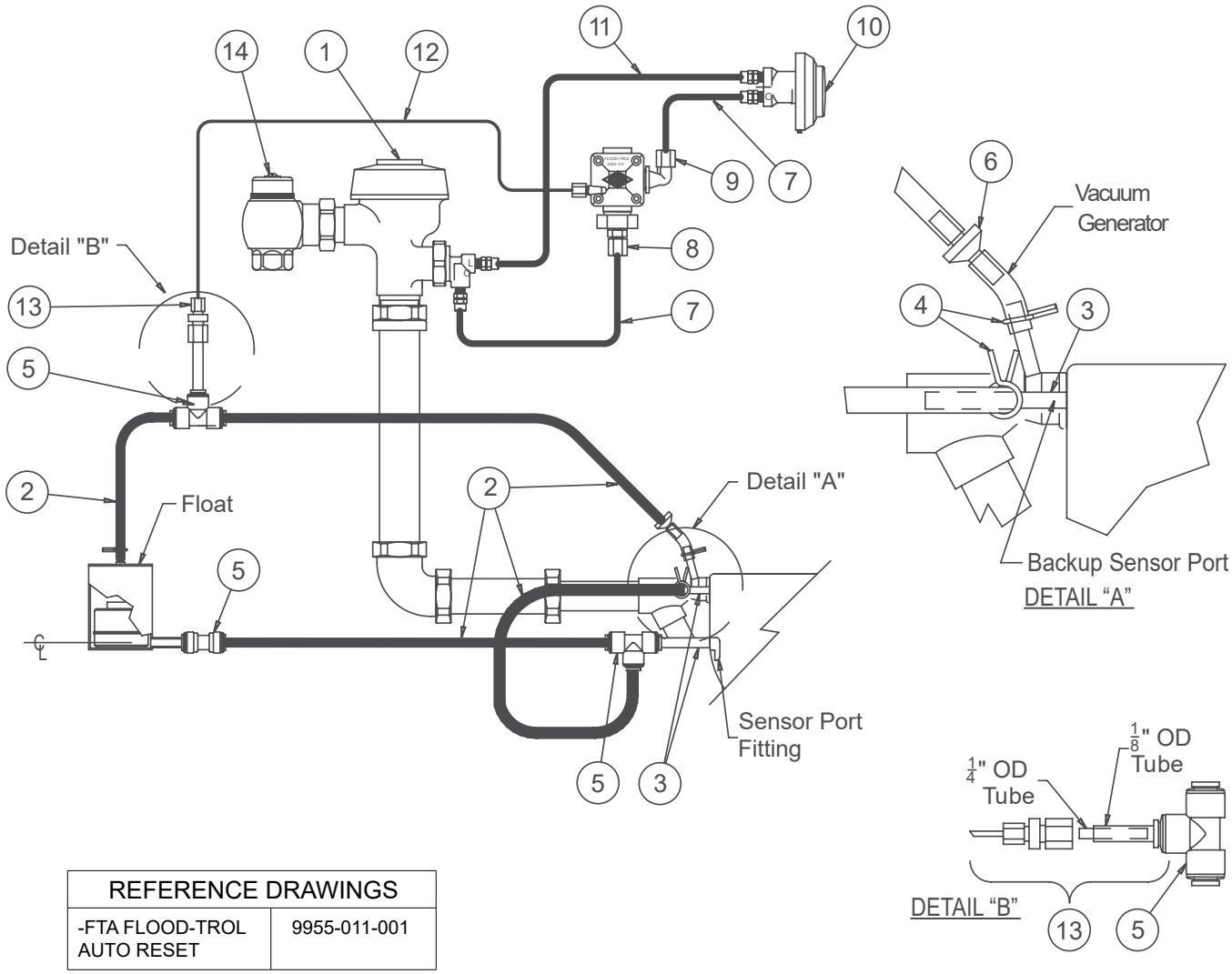
NOTE: MINIMUM 30 PSI FLOW PRESSURE REQUIRED. FLUSH ALL LINES PRIOR TO INSTALLATION. FOR MAINTENANCE, INSTRUCTIONS REFER TO DRAWING #9940-035-001.

E- ASSEMBLE 1/4" OD x 7 FEET POLYETHYLENE LEVEL SENSOR TUBING (10) TO 1/4" OD COPPER TUBING STUB-OUT (11) USING 1/4" COMPRESSION CONNECTOR (12) AS SHOWN. VERTICALLY LOOP TUBING (10) A MINIMUM OF 24" ABOVE TEE (9) AND COMPLETE CONNECTION TO TO TEE FITTING (9).

F- AFTER FLOOD-TROL VALVE HAS BEEN ACTIVATED DUE TO TOILET OVERFLOW CONDITION, THE WATER LEVEL IN TOILET MUST BE RETURNED TO NORMAL AND RESET SWITCH (13) MUST BE DEPRESSED TO RETURN VALVE TO OPEN CONDITION. FLUSH & RESET REPEATEDLY UNTIL VACUUM LINES ARE CLEAR OF WATER THAT CAUSED ACTIVATION.

PREFIX (-FA, -FTA) HYDRAULIC FLOOD-TROL

9905-091-001



REFERENCE DRAWINGS	
-FTA FLOOD-TROL AUTO RESET	9955-011-001

INSTALLATION INSTRUCTIONS:

NOTE: HYDRAULIC FLUSH VALVES (1) ARE SHIPPED LOOSE AND ARE NORMALLY PROVIDED FOR FIELD INSTALLATION IN -FA FRONT ACCESS FIXTURES, 1428 & ADA TOILETS & COMBYS. FLOAT TANK IS FACTORY WELDED TO TOILET P-TRAP.

A- INSTALL ACORN FIXTURE, FACTORY PRE-PIPED FOR FTA FLOOD-TROL SUFFIX OPTION PER INSTALLATION INSTRUCTIONS PROVIDED.

B- INSTALL 3/8" OD SENSOR TUBES (2) AS SHOWN TO PLUMBING FIXTURE STUB-OUTS (3) WITH HOSE CLAMPS (4) AND PUSH-IN FITTINGS (5) PROVIDED. INSTALL CHECK VALVE (6) AS SHOWN IN DETAIL "A".

C- CUT 1/4" OD, "O" TUBE (7) IN HALF & INSTALL TO "O" COMPRESSION FITTING ON VALVE BODY (1) & FLOOD-TROL VALVE INLET (8). CONNECT REMAINING BLACK TUBE (7) TO FLOOD-TROL VALVE ELBOW (9) & "O" COMPRESSION FITTING ON PUSHBUTTTON (10). INSTALL 1/4" OD, "L" TUBE (11) TO "L" COMPRESSION FITTING ON FLUSH VALVE BODY (1) AND "L" COMPRESSION FITTING ON PUSHBUTTON (10).

*AUTO RESET

D- CONNECT 1/8" OD TUBE (12) FROM FLOOD-TROL VALVE TO 1/8" x 1/4" SENSOR UNION (13). SEE DETAIL "B" FOR 1/4" TO 3/8" TRANSITION DETAIL.

E- FOR MAINTENANCE INSTRUCTIONS REFER TO DRAWING #9940-035-001.

F- AFTER THOROUGHLY FLUSHING SUPPLY LINES. MAKE UP 1" NPTI SUPPLY CONNECTIONS (14).

NOTE: MOUNTING LOCATION MUST ALLOW FOR CONNECTION OF FLUSH VALVE HIGH PRESSURE LINE TO FLOOD-TROL. USE TEFLON TAPE ON ALL PIPE CONNECTIONS.

NOTE: RECOMMENDED WORKING WATER PRESSURE IS 25 TO 100 PSI.

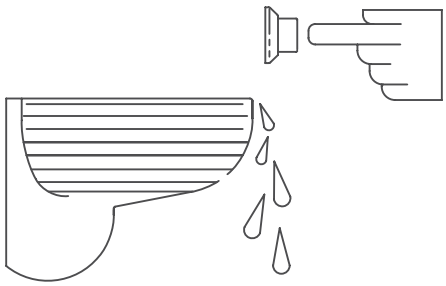
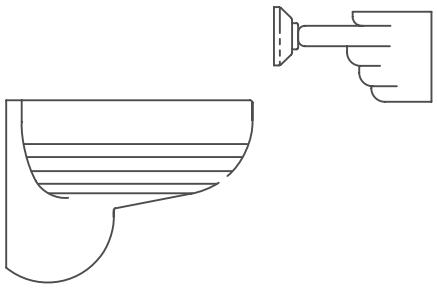
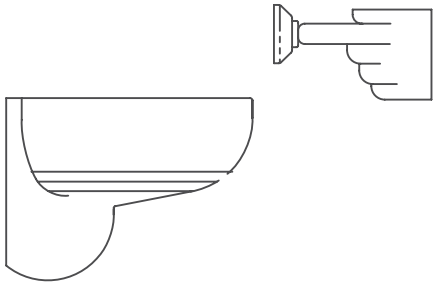
WARNING: PRIOR TO COMPLETING INSTALLATION, SUPPLY LINES MUST BE FLUSHED OF ALL FOREIGN MATERIAL SUCH AS PIPE DOPE, CHIPS, SOLDER, ETC. VALVE MUST BE DRAINED PRIOR TO BEING SUBJECTED TO FREEZING TEMPERATURES.

FLOOD-TROL DEVICE MAINTAINENCE (-FT, -FTA)

9940-035-001

FLOOD-TROL (-FT & -FTA) ANTI-FLOOD SYSTEM VALVE

NORMAL VALVE OPERATION IS IN THE OPEN POSITION UNTIL TRIGGERED CLOSED WHEN A HIGH WATER LEVEL CONDITION IN THE TOILET BOWL IS PRESENT.

CONDITION:	*SOLUTION:*
WATER KEEPS FLOWING IN AN OVERFLOW CONDITION: 	**1.1 Check all tubing and fittings for leaks.** **1.2 Check offset hole in lower diaphragm for debris.** **1.3 Check valve body seat for build-up or damage.** **1.4 Check pilot orifice plate for debris or damage.** **1.5 Check float in float tank for freedom of movement (-FTA Auto-reset only).**
NO WATER WILL FLOW: (TOILET WILL NOT FLUSH.) 	**2.1 Make sure all water supply stops are open.** **2.2 Make sure the reset button has been pushed. (-FT Manual reset only).** **2.3 Check toilet bowl sensor port fitting for debris.** **2.4 Check center orifice hole in bonnet for debris.** **2.5 Check pilot orifice (offset) hole in bonnet for debris.** **2.6 Check flush valve for proper operation.** **2.7 Check float tank & tubing for debris (-FTA Auto-reset).**
PREMATURE WATER SHUTOFF: 	**3.1 Check toilet bowl sensor port fitting for debris.** **3.2 Check for kinks in the plastic and copper tubing.** **3.3 Float tank lid orifice clogged (-FTA Auto-reset only).** **3.4 Check valve defective (-FTA Auto-reset only).**

Refer to Acorn Operations And Maintenance Manual for the the following:

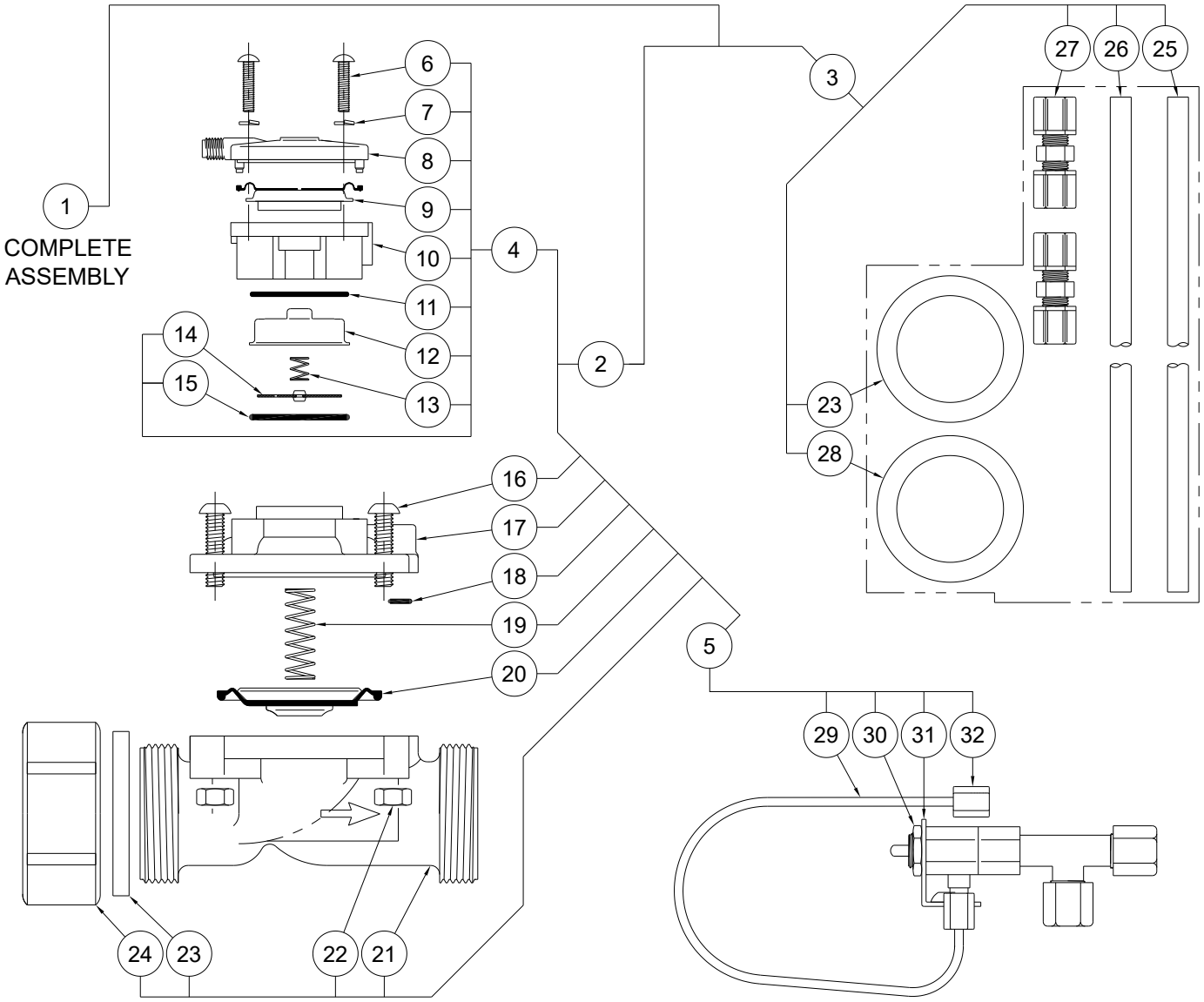
Refer to drawing #9905-090-003 for (-FT) Flood-Trol Installation.

Refer to drawing #9905-095-002 for (-FTA) Flood-Trol Auto-reset Installation.

Refer to drawing #9955-010-002 for Parts breakdown of -FT & -FTA valves.

FLOOD-TROL (FT) VALVE

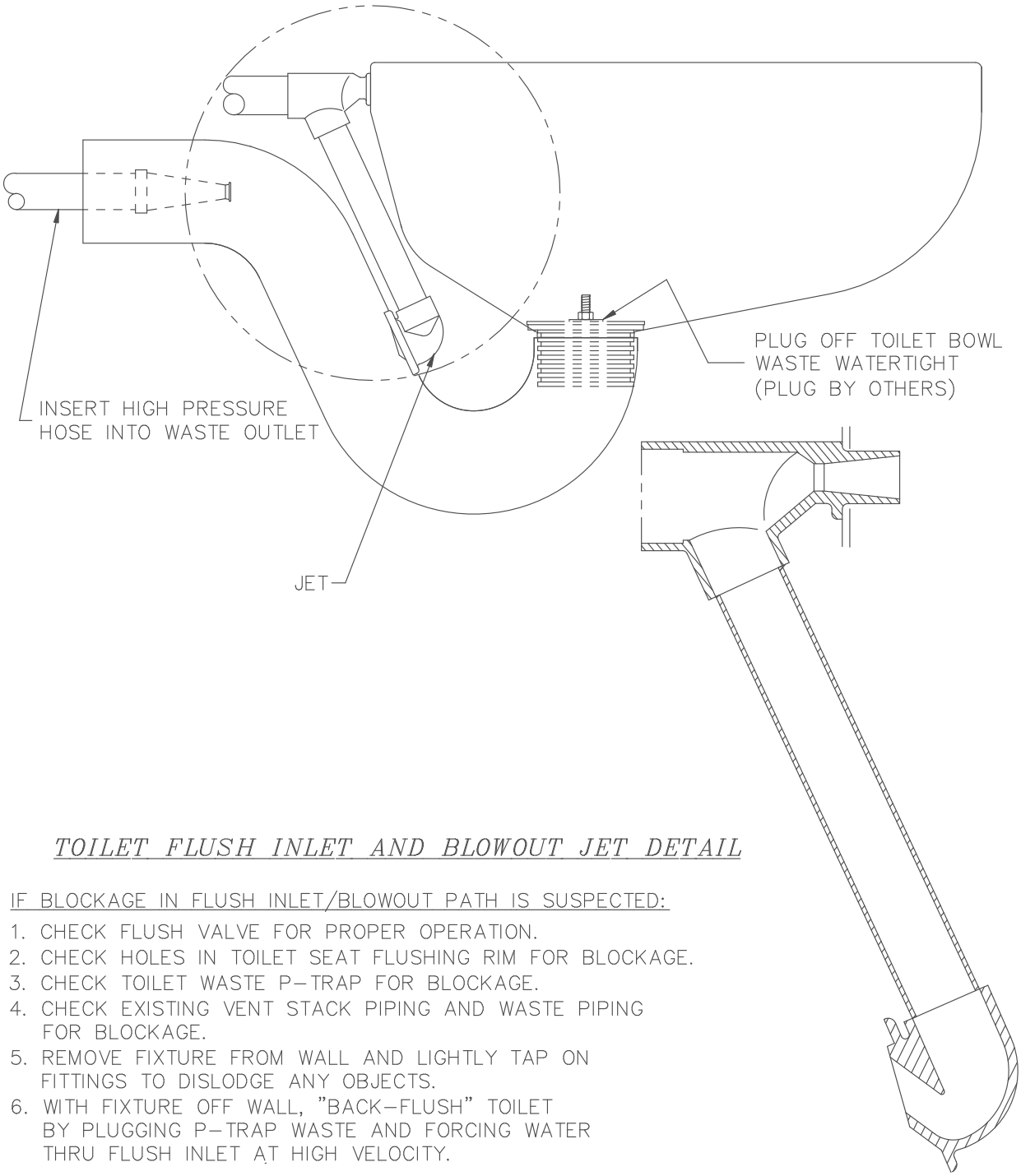
9905-010-002



1	605400	VALVE ASSEMBLY- COMPLETE	17	801516	BONNET ASSEMBLY
2	2563-080-002	VALVE ASSEMBLY LESS TUBING	18	0401-007-000	O-RING
3	810654	RESET SWITCH INTERCONNECT ASSY	19	805167	SPRING
4	802056	UPPER VALVE BODY ASSEMBLY	20	805168	DIAPHRAGM ASSEMBLY
5	805166	RESET VALVE ASSEMBLY	21	810121	FLOOD-TROL BODY
6	801807	#8-32 x 1-1/4" PHILLIPS HEAD SCREW	22	0302-005-000	1/4"-20 STAINLESS STEEL NUT
7	801808	#8 LOCKWASHER	23	805275	SEALING GASKET
8	802033	COVER PLATE	24	805218	L/R HAND FLOOD-TROL NUT
9	802481	DIAPHRAGM ASSEMBLY	25	2160-007-199	1/4" OD x 7' LOW DENSITY PE (CLEAR)
10	801921	MOTOR HOUSING	26	2160-003-199	1/4" OD x 3 FT TUBING
11	0401-026-000	O-RING	27	814129	1/4" UNION CONN w/ GRIPPER ASSY
12	801922	SEPARATOR CUP	28	0411-022-000	FLOOD-TROL GASKET
13	2563-008-000	PILOT ORIFICE PLATE SPRING	29	2150-001-199	1/8" OD x 12" LOW DENSITY PE TUBE
14	801924	PILOT ORIFICE PLATE ASSEMBLY	30	2563-132-199	LOCKNUT
15	0401-124-000	O-RING	31	2563-145-001	MOUNTING BRACKET ASSEMBLY
16	0116-106-000	1/4"-20 x 1" RND HD PHIL SS SCREW	32	1895-450-000	1/8" COMPRESSION NUT
ITEM	PART NUMBER	DESCRIPTION	ITEM	PART NUMBER	DESCRIPTION

TOILET FLUSH INLET & BLOWOUT DETAIL

ENG-020



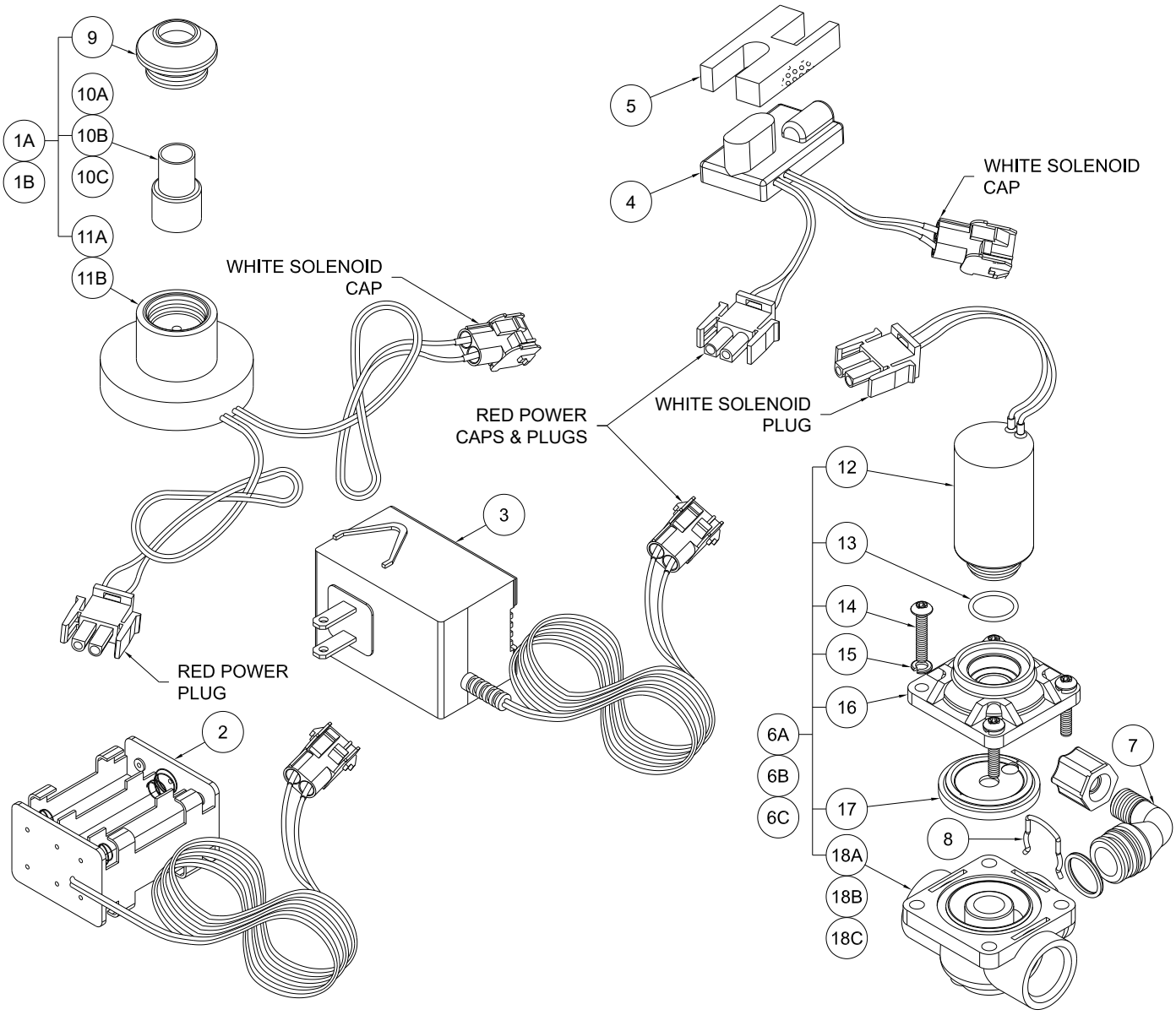
TOILET FLUSH INLET AND BLOWOUT JET DETAIL

IF BLOCKAGE IN FLUSH INLET/BLOWOUT PATH IS SUSPECTED:

1. CHECK FLUSH VALVE FOR PROPER OPERATION.
2. CHECK HOLES IN TOILET SEAT FLUSHING RIM FOR BLOCKAGE.
3. CHECK TOILET WASTE P–TRAP FOR BLOCKAGE.
4. CHECK EXISTING VENT STACK PIPING AND WASTE PIPING FOR BLOCKAGE.
5. REMOVE FIXTURE FROM WALL AND LIGHTLY TAP ON FITTINGS TO DISLODGE ANY OBJECTS.
6. WITH FIXTURE OFF WALL, "BACK–FLUSH" TOILET BY PLUGGING P–TRAP WASTE AND FORCING WATER THRU FLUSH INLET AT HIGH VELOCITY.

ELECTRONIC PUSHBUTTON

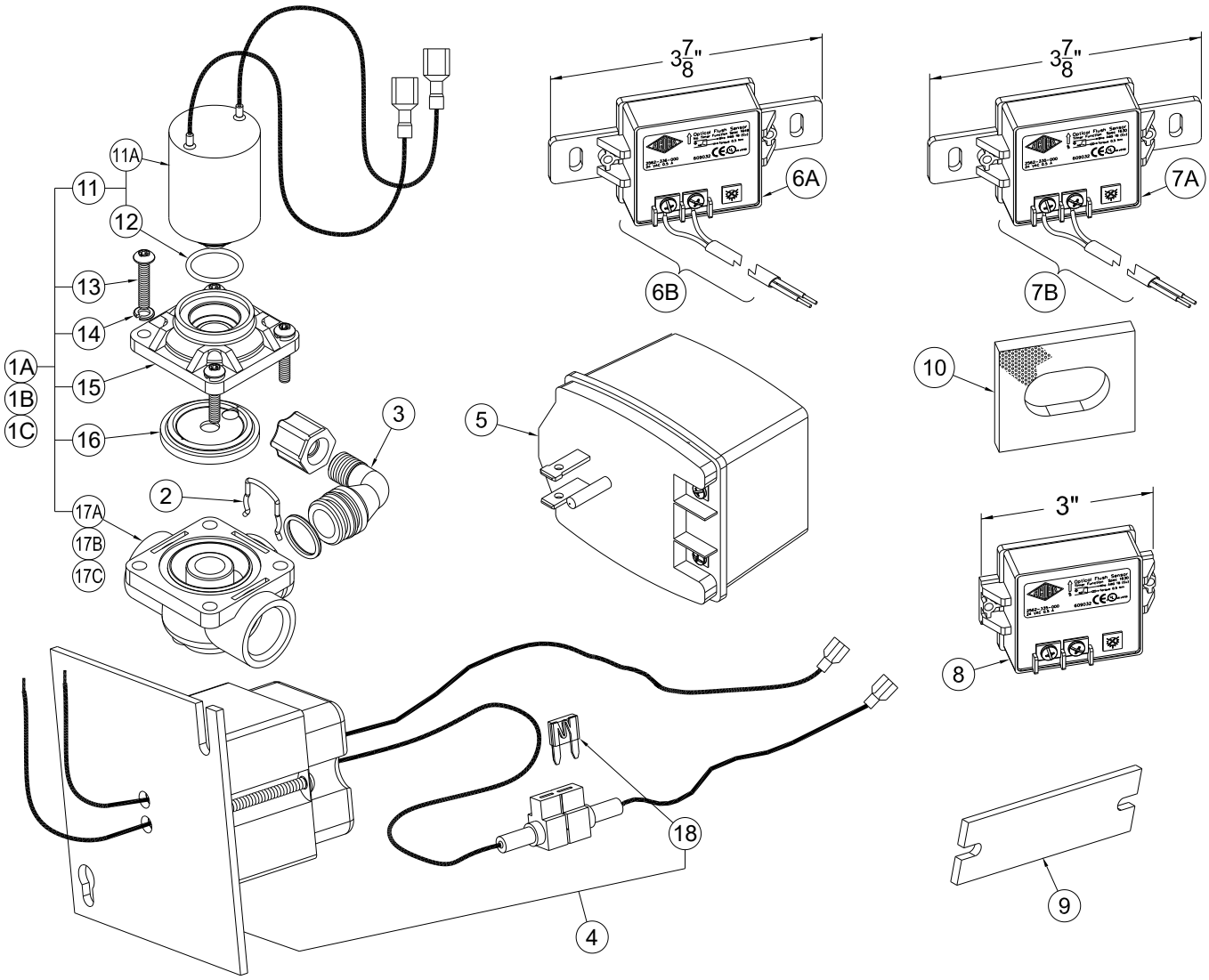
9955-019-001



1A	810661	15 SEC ELECT PUSHBUTTON ASSY	10B	810313	PUSHBUTTON - “H”
1B	810659	60 SEC ELECT PUSHBUTTON ASSY	10C	810314	PUSHBUTTON - “C”
2	809506	AA SIX PACK BATTERY BOX ASSY	11A	2566-370-002	15 SEC ELECT PUSHBUTTON w/CONN
3	810662	9VDC PLUG-IN TRANSFORMER ASSY	11B	2566-373-002	60 SEC ELECT PUSHBUTTON w/CONN
4	802709	9VDC ELECTRONIC EYE SENSOR ASSY	12	806235	9VDC SOLENOID ASSEMBLY
5	6212-101-199	SENSOR EYE SPACER	13	0401-015-000	O-RING
6A	810663	P VALVE ASSY w/9VDC SOLENOID -LH	14	6502-043-000	#8-32 x 1/2” LONG PHIL RD HEAD
6B	810664	P VALVE ASSY w/9VDC SOLENOID -RH	15	801808	#8 LOCKWASHER
6C	810250	P VALVE ASSY w/9VDC SOLENOID -MA	16	809620	PLASTIC SOLENOID BONNET
7	803431	1/4" OD PLASTIC ELBOW ASSEMBLY	17	804163	WATER DIAPHRAGM ASSEMBLY
8	0326-100-000	RETAINING CLIP- PLASTIC	18A	809125	PLASTIC VALVE BODY -LH
9	806709	PUSHBUTTON ESCUTCHEON	18B	829124	PLASTIC VALVE BODY -RH
10A	806710	PUSHBUTTON - BLANK	18C	801734	PLASTIC VALVE BODY -MA
ITEM	PART NUMBER	DESCRIPTION	ITEM	PART NUMBER	DESCRIPTION

SENSOR & SOLENOID VALVE

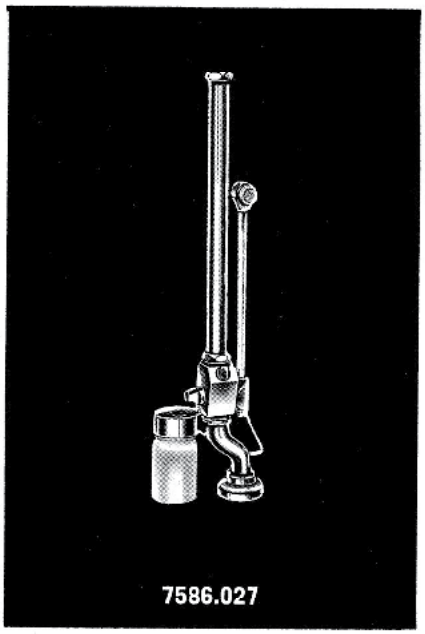
9955-015-002

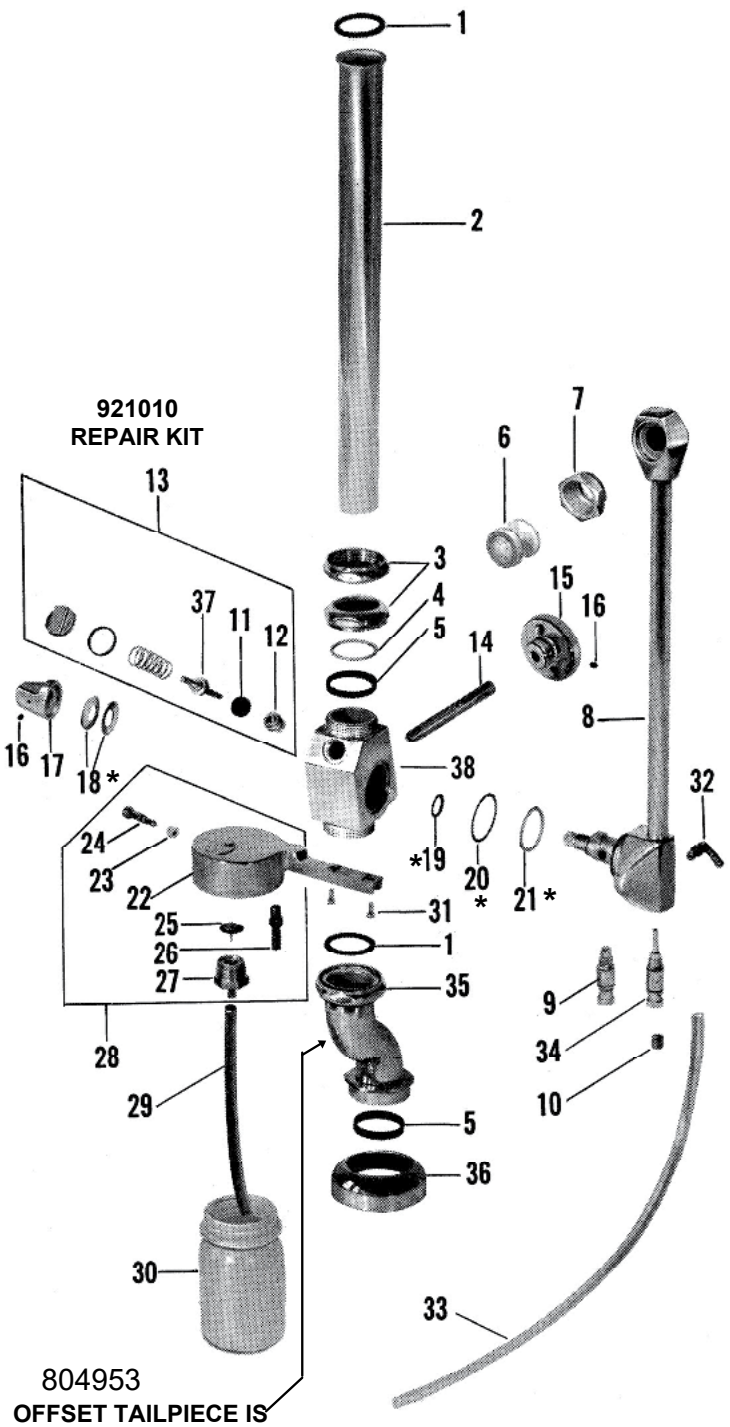


NOTE: WHEN REPLACING THE SENSOR ON CIRCULAR SPRAYHEADS ENSURE TO REPLACE THE SENSOR FOAM GASKET AS WELL.

1A	814118	P VALVE ASSY w/24VDC SOLENOID -LH	10	2562-320-000	SENSOR FOAM GASKET, SS WASH
1B	814119	P VALVE ASSY w/24VDC SOLENOID -RH	11	809621	24VDC SOLENOID ASSY w/ O-RING
1C	2570-115-001	P VALVE ASSY w/24VDC SOLENOID -MA	11A	2563-305-001	24VDC SOLENOID ASSY LESS O-RING
2	0326-100-000	RETAINING CLIP- PLASTIC	12	0401-117-000	O-RING
3	803431	1/4" OD PLASTIC ELBOW ASSEMBLY	13	6502-043-000	#8-32 x 1/2” LONG PHIL RD HEAD
4	002529	120VAC/24VAC XFMR ON 4” SQ PLATE	14	801808	#8 SPLIT LOCKWASHER
5	810377	120VAC/120VAC PLUG-IN TRANSFORMR	15	809620	PLASTIC SOLENOID BONNET
6A	2562-336-000	24VAC SENSOR, LESS TIMER	16	804163	WATER DIAPHRAGM ASSEMBLY
6B	2562-336-001	24VAC SENSOR w/ WIRE, LESS TIMER	17A	809125	PLASTIC VALVE BODY -LH
7A	806436	24VAC SENSOR, TIMER	17B	809124	PLASTIC VALVE BODY -RH
7B	814750	24VAC SENSOR w/ WIRE, TIMER	17C	801734	PLASTIC VALVE BODY -MA
8	809622	24VAC SENSOR, TIMER 3”	18	0713-060-000	3 AMP .32 VOLT MINI FUSE
9	2562-334-000	24VAC SENSOR LENS			
ITEM	PART NUMBER	DESCRIPTION	ITEM	PART NUMBER	DESCRIPTION

BEDPAN CLEANSERS SPRA-FLE





NO.	description	7586.019	7586.027
1	Gasket	51361-07	51361-07
2	Upper Tailpiece	33701-02	33701-02
3	Slip Joint Nut	35416-02	35416-02
4	Sweat Ring	33702-07	33702-07
5	Slip Joint Washer	800001	800001
6	Spray Director S/A	8317-07	8317-07
7	Retainer	33717-02	33717-02
8	Spray Arm S/A	920042	920042
9	Valve Stem & "O" Ring	8316-04	-
10	Pipe Plug	33728-07	-
11	Seat Washer	1171-27	1171-27
12	Seat	57281-04	57281-04
13	Stem Assembly Repair Kit	921010	921010
14	Support Arm	33720-02	33720-02
15	Support Bracket	33721-02	33721-02
16	Set Screw	805948	805948
17	Retaining Cap Nut	805946	805946
18	Belleville Washer	SEE KIT	SEE KIT
19	"O" Ring	SEE KIT	SEE KIT
20	"O" Ring	SEE KIT	SEE KIT
21	Friction Washer	SEE KIT	SEE KIT
22	Deoseptic Cap	-	33729-02•
23	Nylon Insert	-	33745-07
24	Metering Valve Stem & "O" Ring	-	8318-04
25	Check Valve & Plate	-	8319-04
26	Adapter	-	33741-07
27	Adapter	-	33735-04
28	Deoseptic Cap S/A	-	33748-02
29	Tubing	-	33736-07
30	Widemouth Jar	-	33737-07
31	Screw	-	33739-05
32	Adapter	-	33711-07
33	Tubing	-	33738-07
34	Aspirator Valve Stem S/A	-	33747-04
35	Lower Tailpiece S/A	804953	804953
36	Escutcheon	1451-02	1451-02
37	Valve Stem	33708-07	33708-07
38	Body	33710-02	33710-02

• NOT AVAILABLE

*PACKING REPAIR KIT #921011
INCLUDES 18, 19, 20, 21.

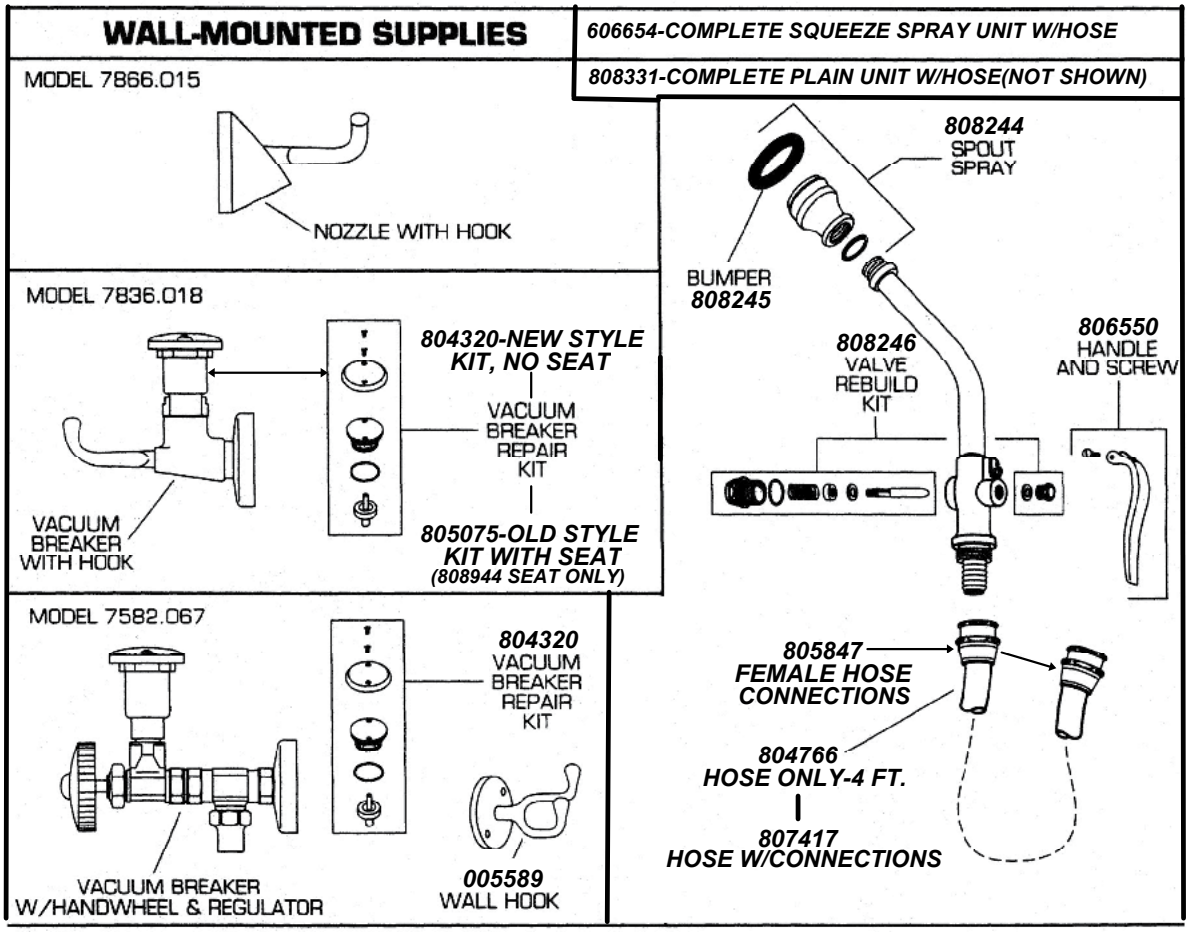
American Standard

BEDPAN CLEANSER

MODEL NUMBERS

NEW STYLE

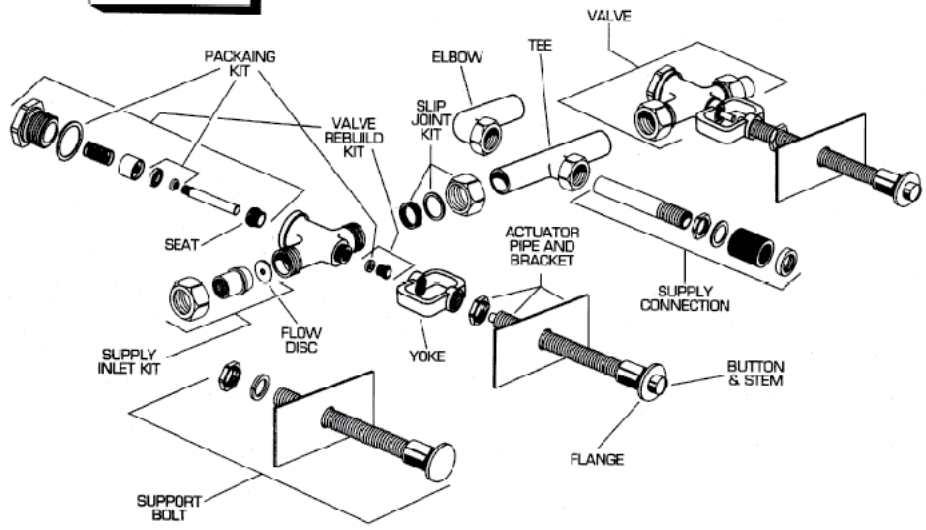
7582.067 7836.018 7866.015
7880.024 7880.083 7880.091



PRISON LAVATORY FITTING

MODEL NUMBERS

0431 SERIES
0421 SERIES
2250 SERIES
2251 SERIES

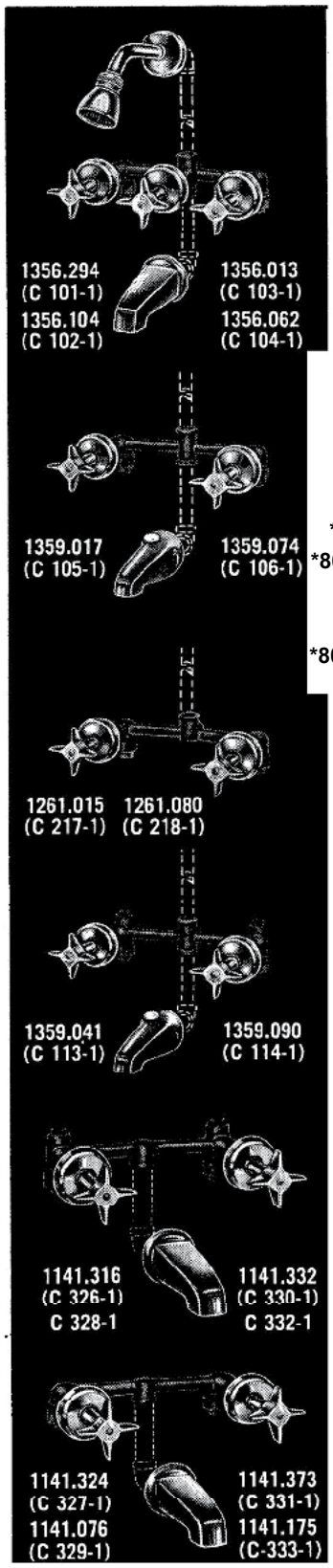


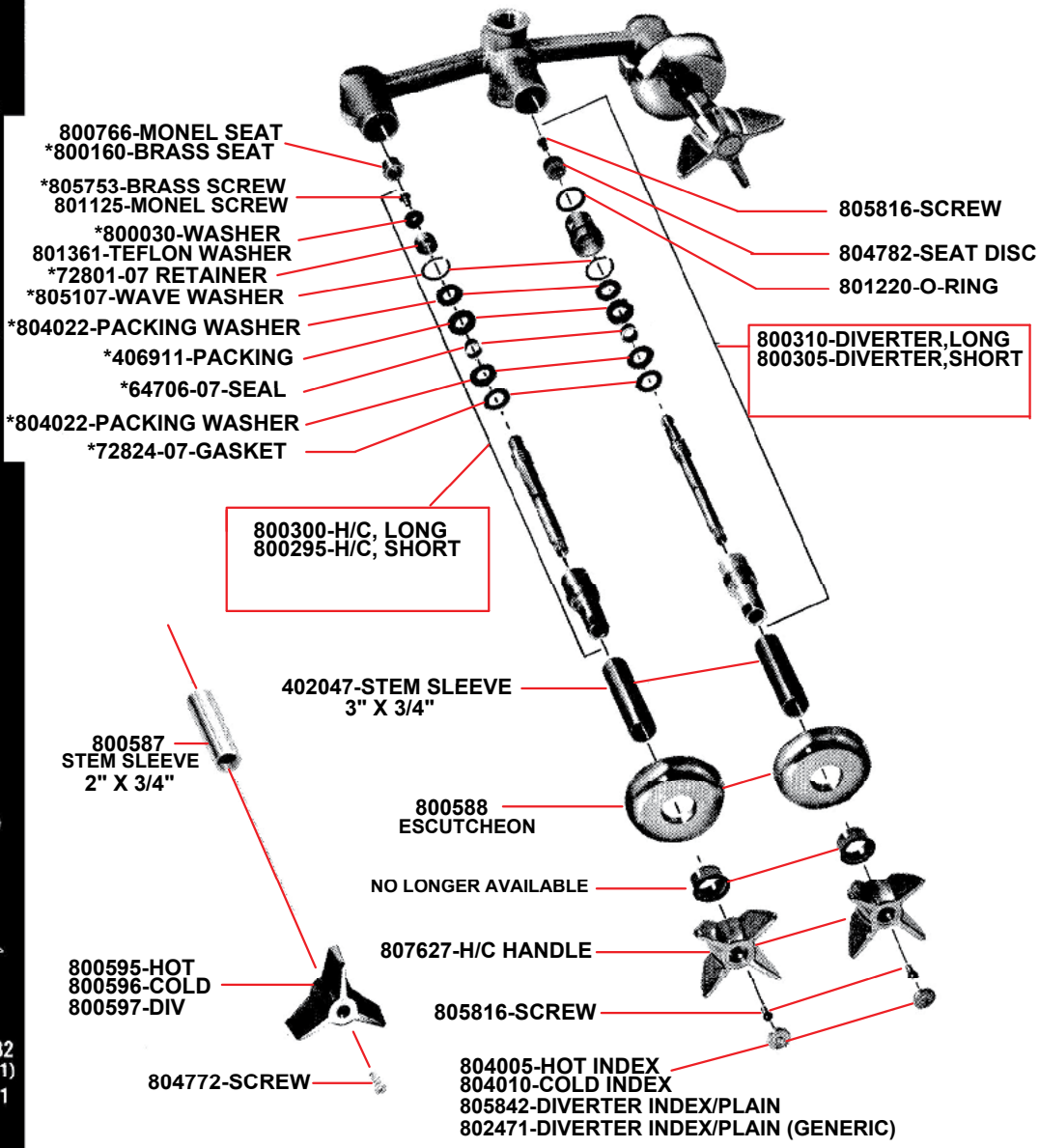
DISCRIPTION	PART #
BUTTON & STEM - COLD (0"-4")	808824
BUTTON & STEM - HOT (0" - 4")	809218
BUTTON & STEM - COLD (4" - 9")	809219
BUTTON & STEM - HOT (4" - 9")	809220
FLANGE	809224
ACTUATOR PIPE AND BRACKET (0"- 4")	809230
ACTUATOR PIPE AND BRACKET (4" - 9")	809231
SUPPORT BOLT (0" - 4")	DISC
SUPPORT BOLT (4" - 9")	DISC
YOKE	809232
VALVE REBUILD KIT	807769
SEAT	808779
FLOW DISC	809233
SUPPLY INLET KIT	809234
SLIP JOINT KIT	808557
VALVE	809239
TEE	809246
ELBOW	DISC
SUPPLY CONNECTION (0" - 4")	809253
SUPPLY CONNECTION (4" - 9")	808558
PACKING KIT	801056

American Standard

AMERICAN STANDARD BATH & SHOWER FITTINGS

COLONY TRIM





TUB STEM SOCKET WRENCH FOR THIS VALVE IS 200020

* ALL PARTS AVAILABLE IN STEM REPAIR KIT **800202**

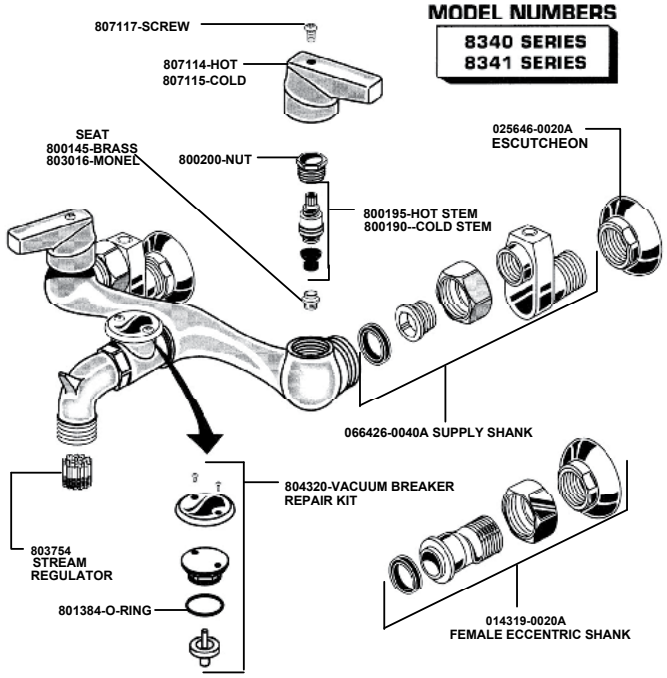
(KIT REPAIRS TWO STEMS, HOT OR COLD)

American Standard

SERVICE SINK FAUCETS

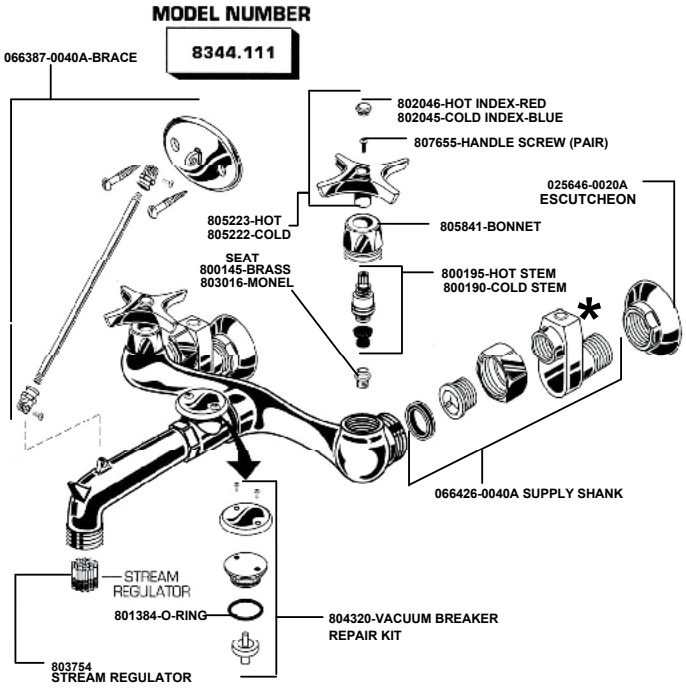
SERVICE SINK FAUCET

MODEL NUMBERS
8340 SERIES
8341 SERIES



WALL-MOUNT SERVICE SINK FAUCET

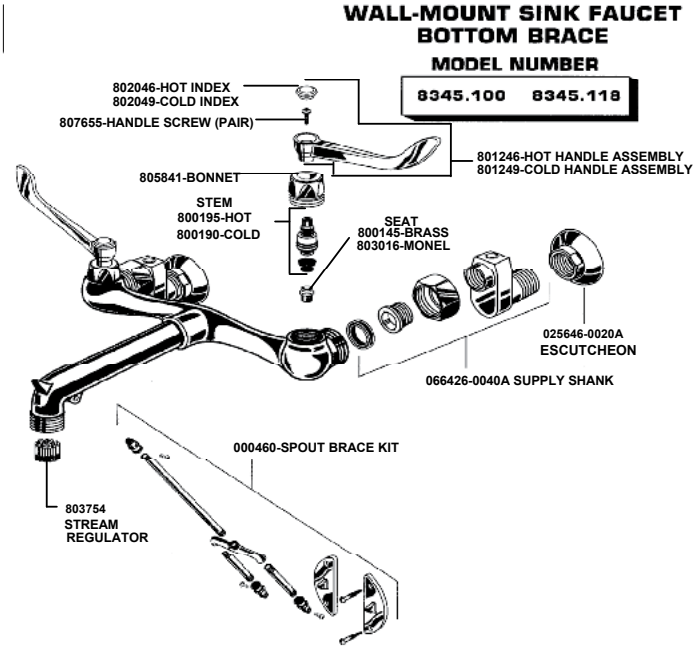
MODEL NUMBER
8344.111

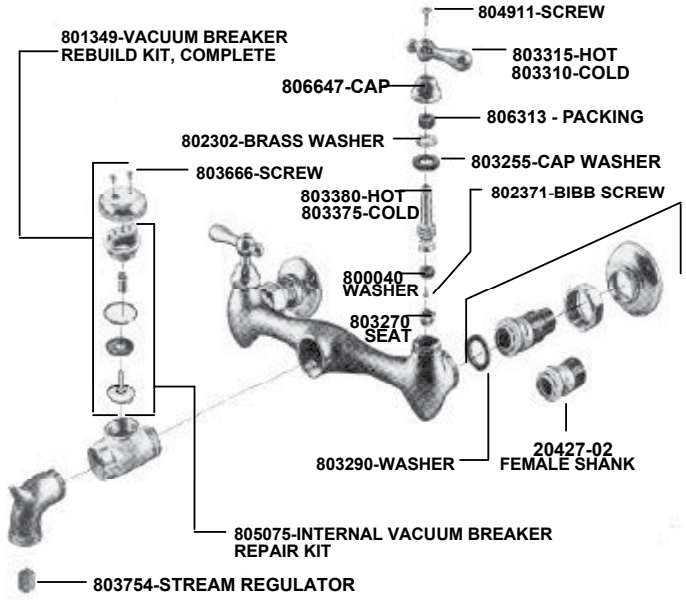


***** *807775-THREE PIECE STOP REBUILD KIT***

WALL-MOUNT SINK FAUCET BOTTOM BRACE

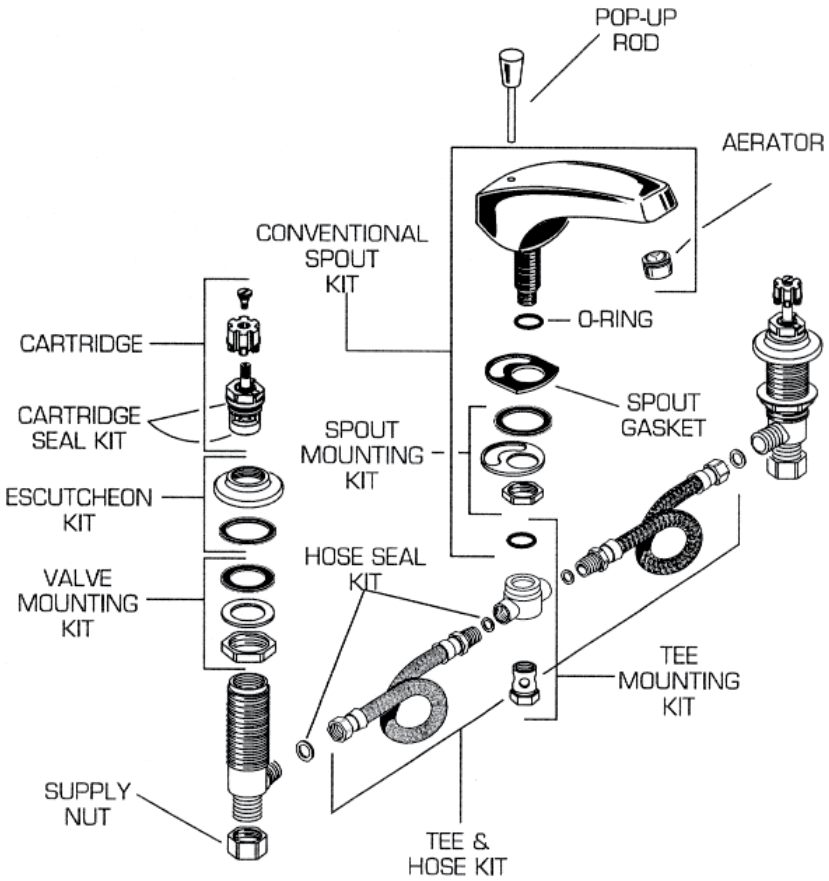
MODEL NUMBER
8345.100 8345.118



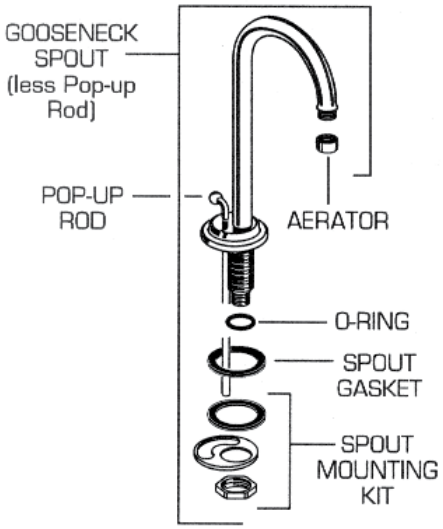


American Standard

WIDESPREAD LAVATORY FAUCET W/ FLEX CONNECTIONS



4800 SERIES 7830 SERIES
4801 SERIES 7831 SERIES
4802 SERIES 7092 SERIES

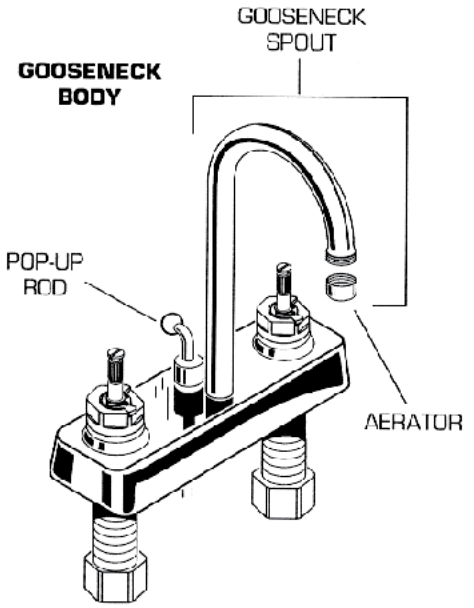


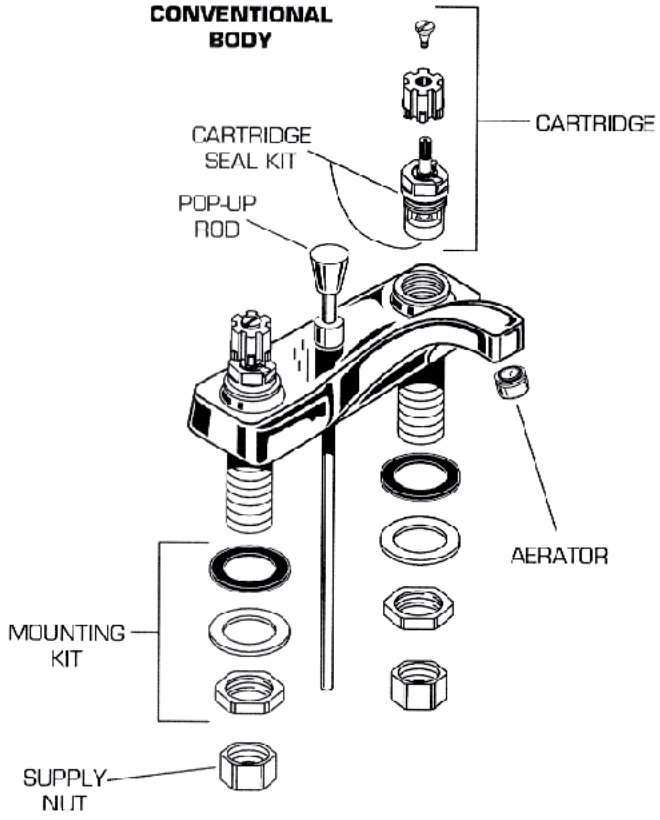
REPAIR PARTS	DISCRIPTION	PART NUMBER	QTY
SPOUTS	CONVENTIONAL SPOUT (LESS DRAIN)	012684	1
	CONVENTIONAL SPOUT (WITH DRAIN)	012683	1
	GOOSENECK SPOUT (LESS DRAIN)	807507	1
	GOOSENECK SPOUT (WITH DRAIN)	012128	1
FAUCET PARTS	CARTRIDGE	028610	1
	CARTRIDGE SEAL KIT	804471	1
	HOSE SEAL KIT(6 PIECES)	033759	1 SET
	VALVE MOUNTING KIT	030258	1
	ESCUTEON KIT	030257	1
	TEE MOUNTING KIT "F"	806373	1
	TEE & HOSE KIT	401891	1 SET
	SUPPLY NUY (BRASS)	024220-0070	2
	*O-RING	810232	1
	SPOUT MOUNTING KIT	030256-0070	1
	AERATOR (CONVENTIONAL SPOUT)	066070	1
	AERATOR (GOOSENECK SPOUT)	066108	1
	SPOUT GASKET (CONVENTIONAL SPOUT)	028757-0070	1
	SPOUT GASKET (GOOSENECK SPOUT)	012669	1
	POP-UP ROD (CONVENTIONAL SPOUT)	028617	1
	POP-UP ROD (GOOSENECK SPOUT)	012086	1

CENTERSET LAVATORY FAUCET

MODEL NUMBERS

5400 SERIES	7400 SERIES
5401 SERIES	7401 SERIES
5402 SERIES	7402 SERIES



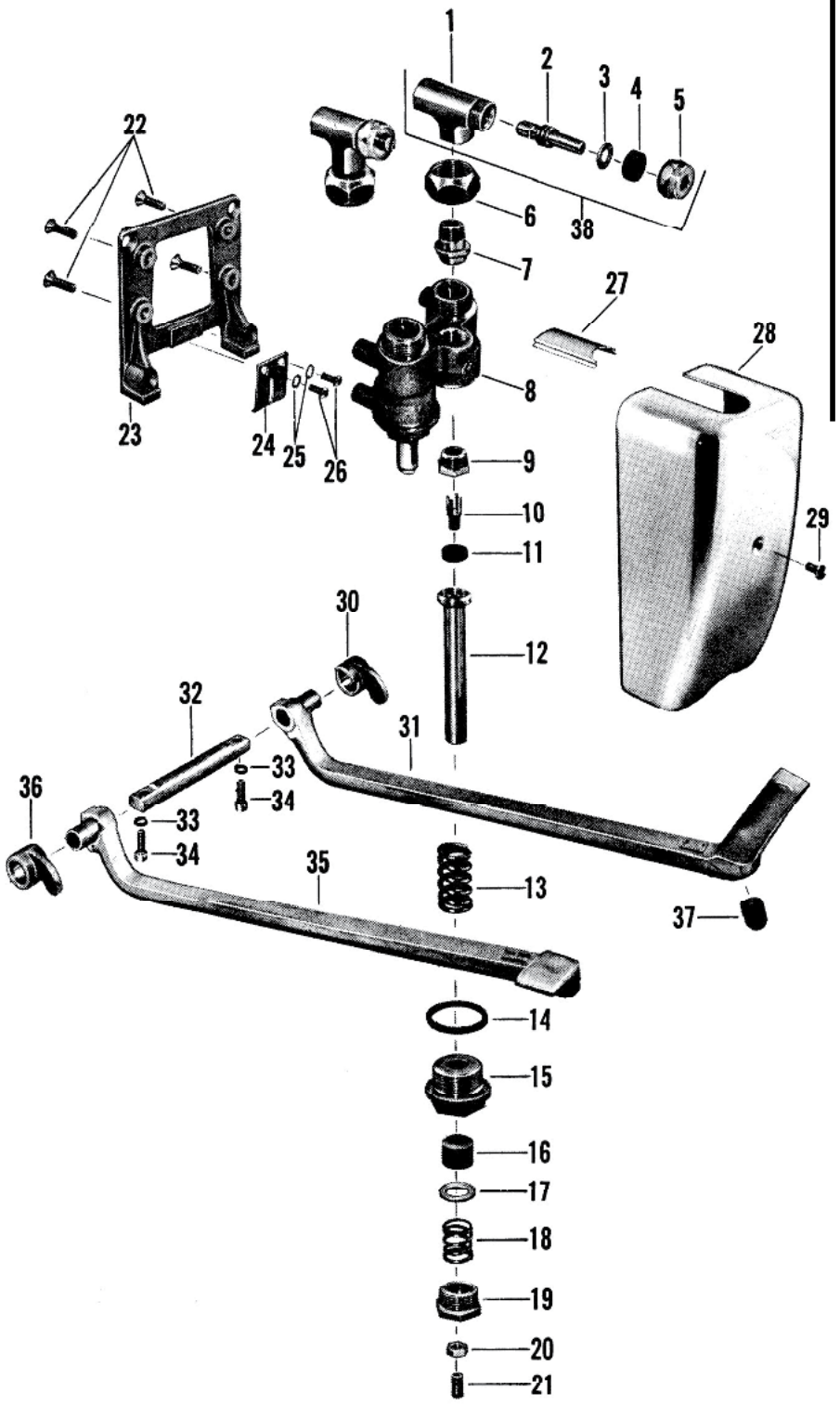


	DISCRIPTION	PART NUMBER	QTY
FAUCET PARTS	CARTRIDGE	028610-0070A	1
	CARTRIDGE SEAL KIT	804471	1
	MOUNTING KIT	030255-0070A	2 SETS
	SUPPLY NUT (BRASS)	024220-0070A	2
	AERATOR (CONVENTIONAL)	066070	1
	AERATOR (GOOSENECK)	066108	1
	POP-UP ROD	028617	1
	POP-UP ROD (GOOSENECK)	012086	1
	GOOSENECK SPOUT	060281	1

American Standard

COMPLETE FOOT PEDAL VALVE

000561

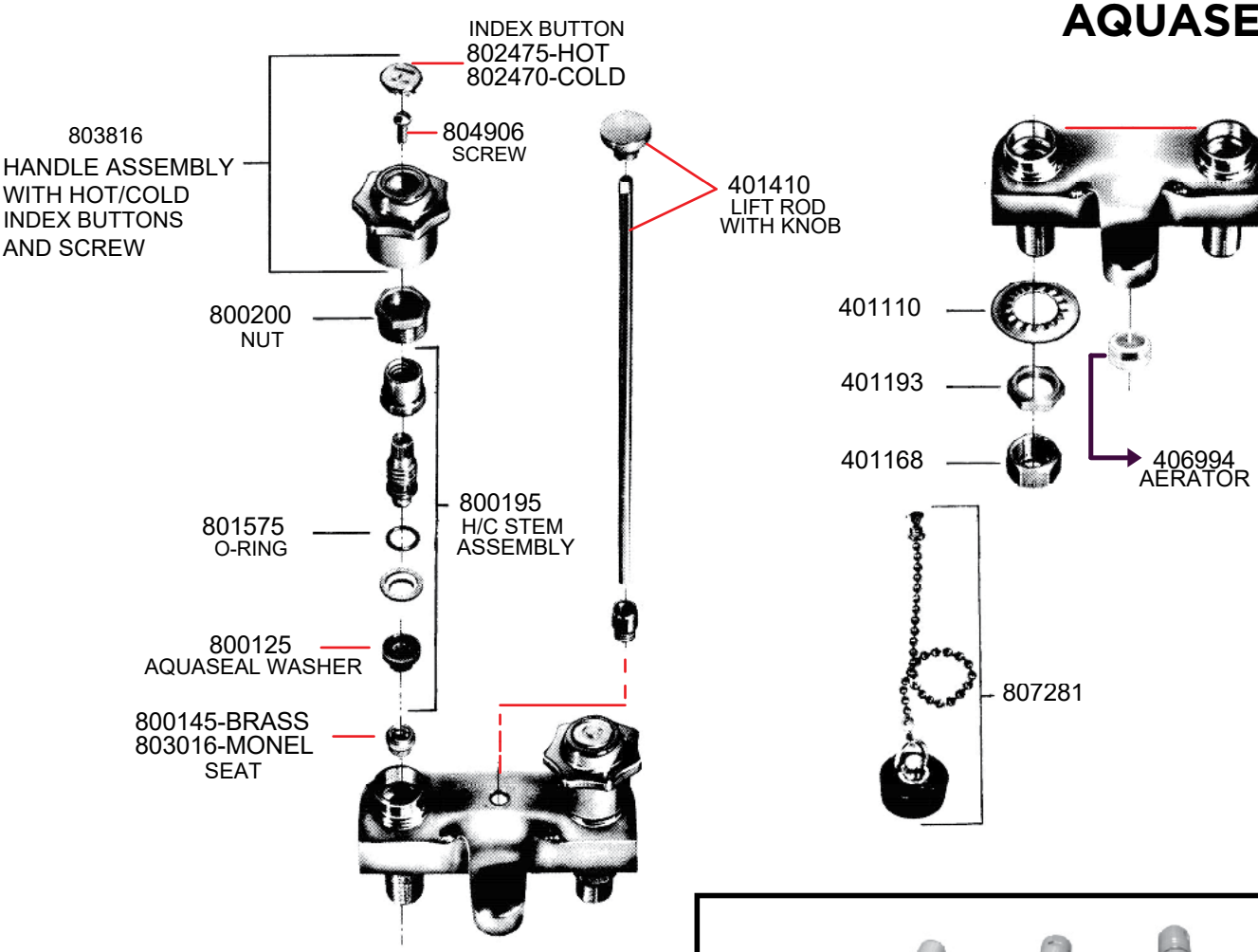


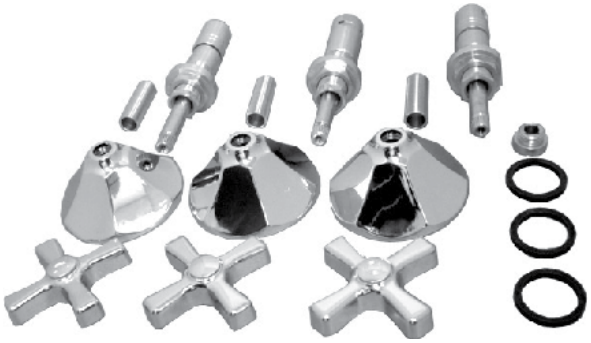
no.	description	HB 15088
1	Stop Body	604-17•
2	Stop Stem	54-37
3	Brass Washer	63760-07
4	Packing	805927
5	Cap	63761-07
6	Coupling Nut	24253-07
7	Swivel	23968-07
8	Body w/seats	8092-07•
9	Seat	000522
10	Stem Guide	000539
11	Seat Washer	805926
12	Stem	000521
13	Spring	000523
14	Washer	805924
15	Stuffing Box	000525
16	Packing	805923
17	Packing Gland	000524
18	Spring	805922
19	Stuffing Nut	000518
20	Lock Nut	000519
21	Adjusting Screw	000520
22	Base Plate Screw	1393-07
23	Base Plate	1279-19
24	Pedal Spring	1241-17
25	Lock Washer	803327
26	Screw	1068-17
27	Cover Plate	1247-12
28	Cover	000560
29	Cover Screw	806032
30	Lever - R.H.	65181-07
31	Pedal w/bumper - "C"	1272-291
32	Pedal Shaft	65629-07
33	Lock Washer	209-17
34	Screw	1181-17
35	Pedal w/bumper - "H"	1273-193
36	Lever - L.H.	65182-07
37	Bumper	63-07
38	Stop S/A	2876-07

• NOT AVAILABLE

American Standard

CENTERSET LAVATORY FITTINGS HERITAGE TRIM AQUASEAL





AMERICAN STANDARD
3 HANDLE SHOWER/TUB REPAIR KIT
600666

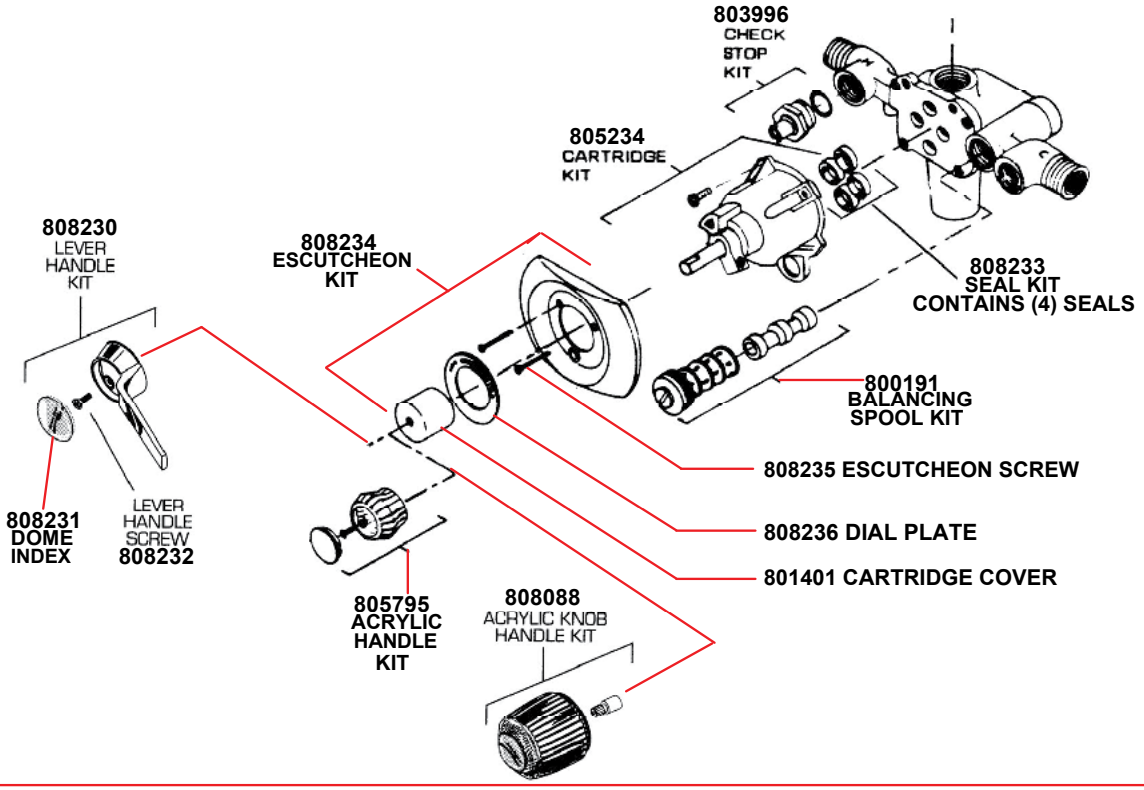
ATLANTIC COASTAL SUPPLY INC.
ACSPARTS.NET (800) 520 - 0556

American Standard

ULTRA-MIX PRESSURE BALANCING BATH & SHOWER SET

MODEL NUMBERS

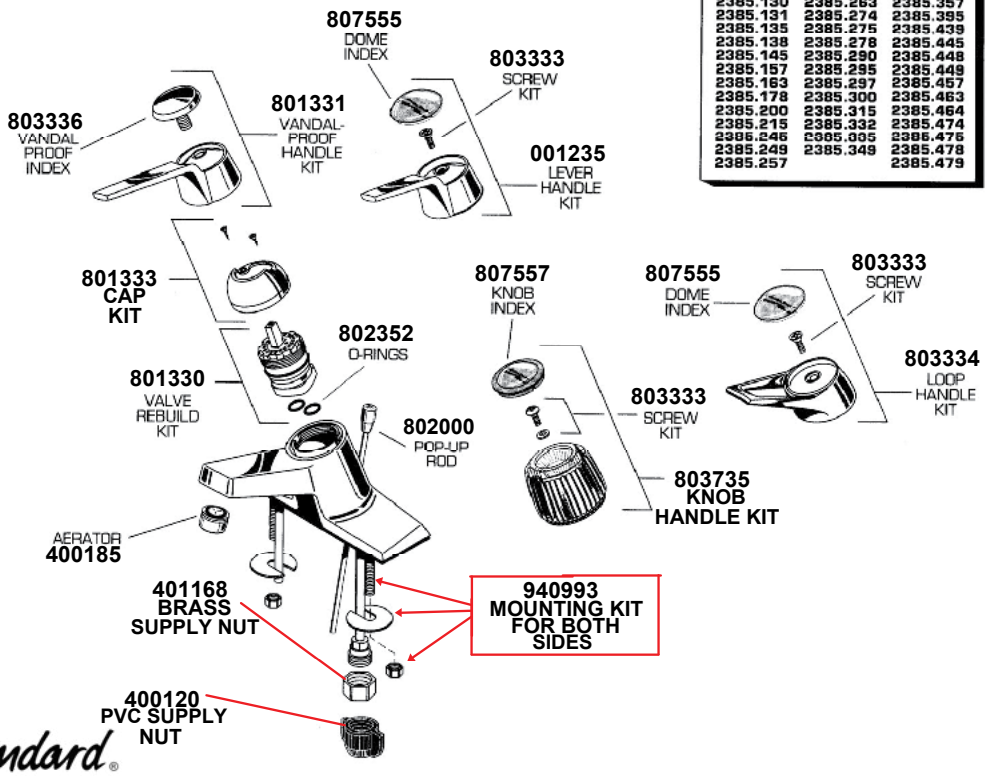
1363.024	1363.047	1363.065	1363.077
1363.082	1363.096	1363.103	1363.119
1363.167	1363.172		



NEW STYLE

RELIANT CENTERSET LAVATORY FAUCET
MODEL NUMBER

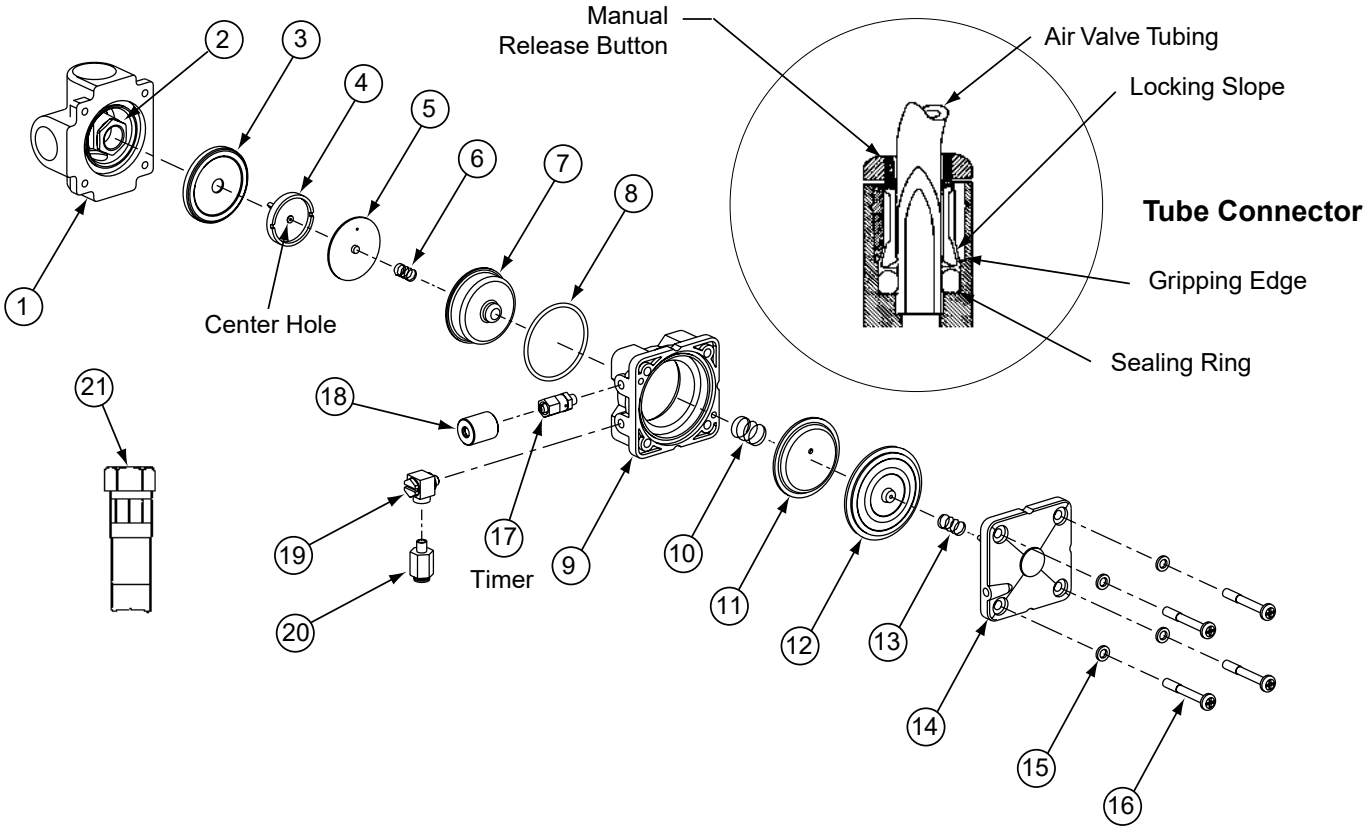
2385.130	2385.263	2385.357
2385.131	2385.274	2385.395
2385.135	2385.275	2385.439
2385.138	2385.278	2385.445
2385.145	2385.290	2385.448
2385.157	2385.295	2385.449
2385.163	2385.297	2385.457
2385.178	2385.300	2385.463
2385.200	2385.315	2385.464
2385.215	2385.332	2385.474
2385.246	2385.335	2385.476
2385.249	2385.349	2385.478
2385.257		2385.479



American Standard

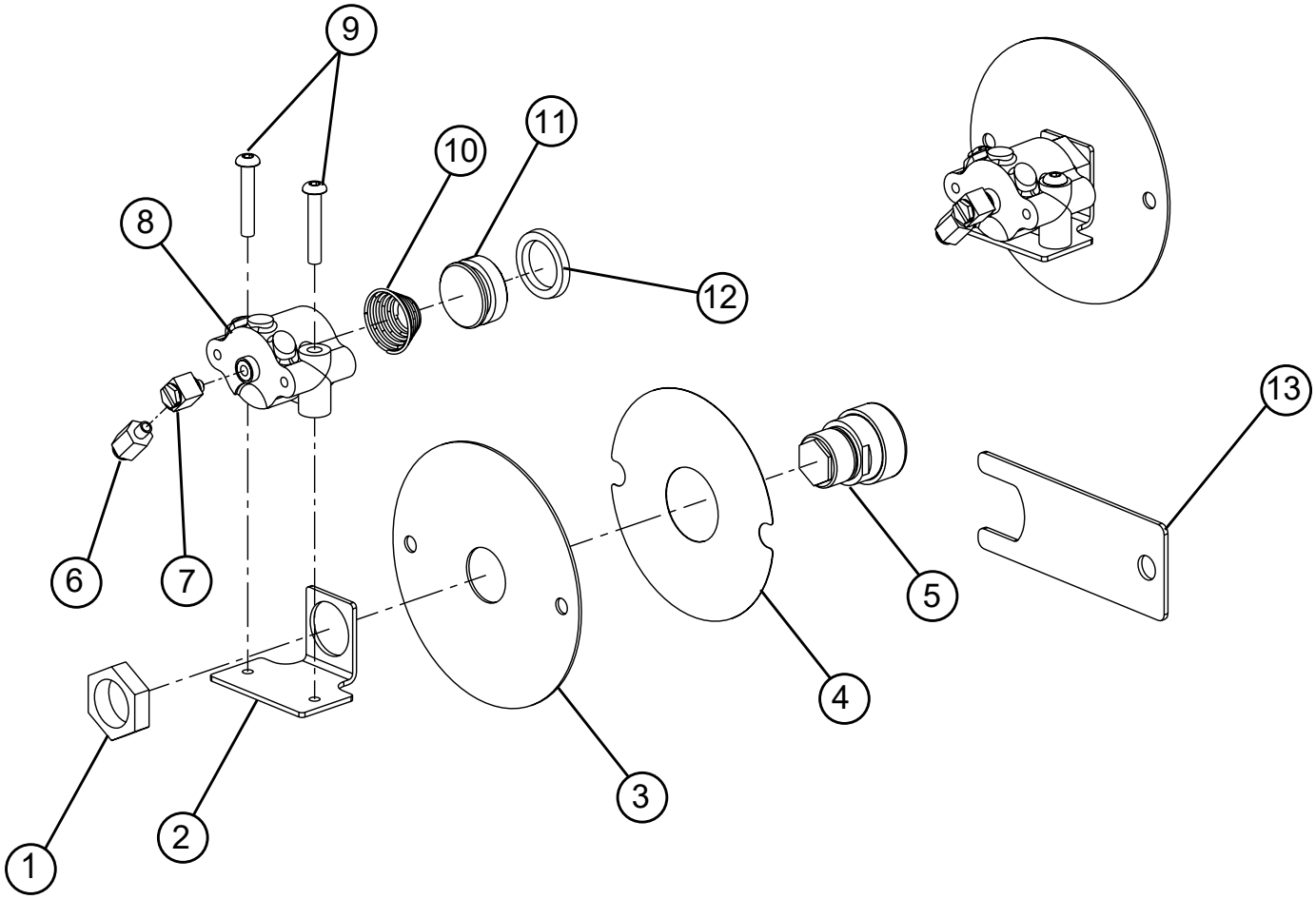
NOTES:

NOTES: _____



Item	Part No.	Description	Assembly	Valve Kit S65-110	Repair Kit S73-054C
			Qty		
1	118-183	Lower Valve Body	1		
2	806254	Valve Seat	1		
3	805718	Rubber Diaphragm	1	1	1
4	809625	Plastic Disk	1	1	1
5	179-082	Stainless Steel Disk	1	1	1
6	135-053	Spring	1	1	1
7	811454	Divider Plate	1		1
8	811453	O-Ring	1		1
9	806338	Air Valve Body	1		1
10	806944	Spring for Magnet	1		1
11	811452	Magnet Assembly	1		1
12	811451	Air Diaphragm	1		1
13	807104	Diaphragm Spring	1		1
14	807477	Valve Cover	1		1
15	142-002CR	Lockwasher	4		
16	160-313	Screw	4		
17	817002	Timer Assembly	1		1
18	269-656	Cover – Timer Assy.	1		1
19	269-1186	Fitting — Adj. "L"	1		
20	212001	Tube Connector	1		1
21	269-1188	Filter Washer (Inside Flex Hose)	1		
	215-913	Air Valve Instruction Sheet		1	

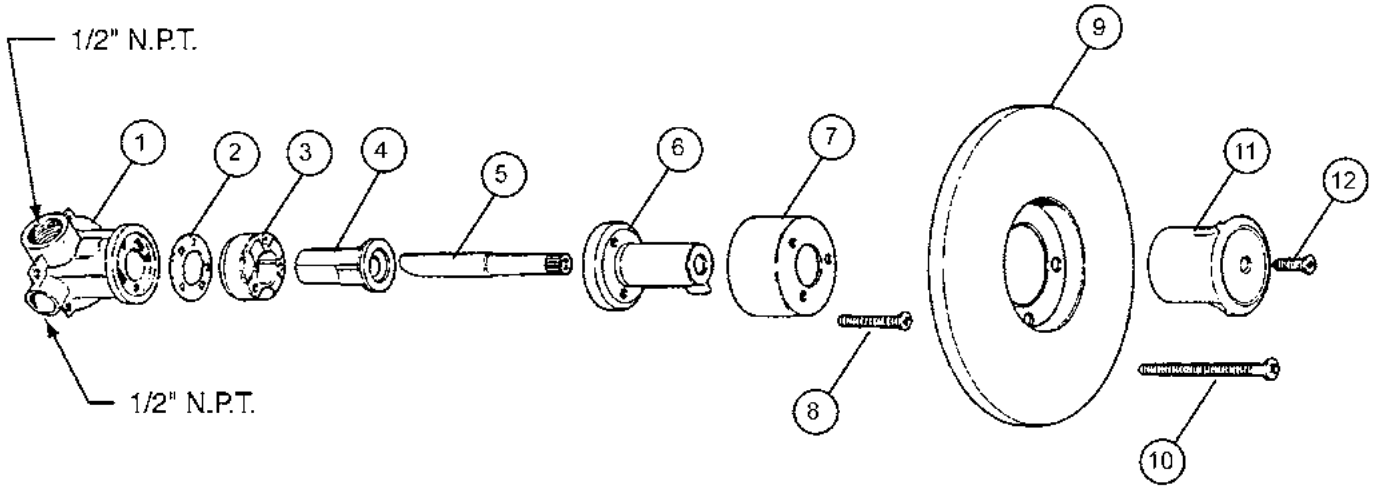
PUSH BUTTON AIR VALVE REPAIR PARTS



NOTE: Lubricate "U" cup (Item 12) on plunger with lubricant (S45-125). Apply thin coat all around I.D. - 1" deep. Do not use spray silicone or petroleum based lubricants on components.

Item	Part No.	Description	Pushbutton Assembly S45-1712	Repair Kit S65-223
			Qty	
1	941414	Hex Nut 1/2 NPSM	1	
2	140-743	Actuator Bracket	1	
3	159-400	Mounting Plate	1	
4	204-501	Decal — Air Valve	1	
5	807101	Pushbutton Assembly	1	
6	212001	1/8 Tube Connector	1	1
7	269-1186	Fitting — Adj. "L"	1	1
8	118-279	Molded Actuator Body	1	1
9	807149	Screw	2	2
10	135-065	Spring	1	1
11	807103	Molded Piston	1	1
12	807102	U-Cup	1	1
13	130-023	Wrench		1
	S45-125	Lubricant		1

BRADTROL VALVE FOR INDIVIDUAL SHOWERS

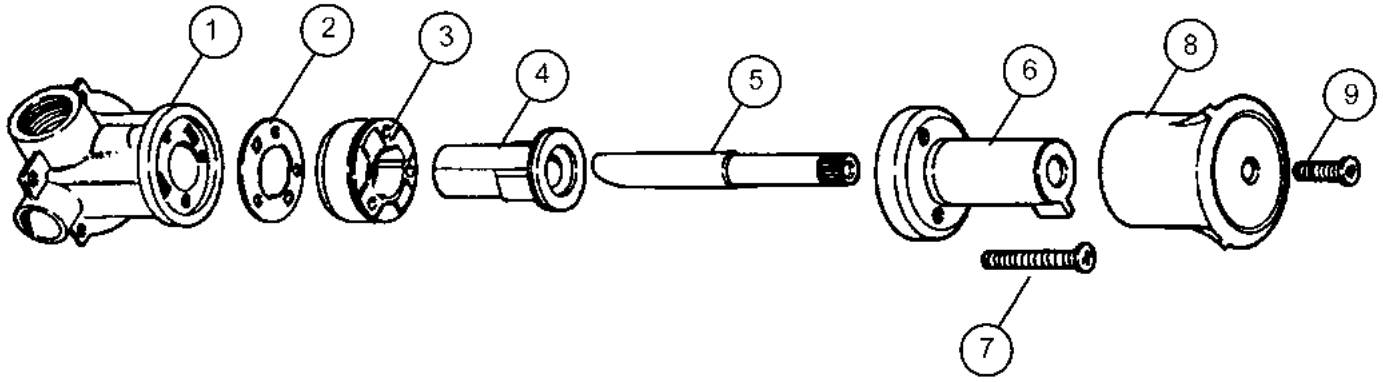


Item	Part No.	Description	Assembly	Valve Assembly Part No. 300-0888	Repair Kit Part No. 300-0760
			Qty		
1	300-0876	Valve Body	1		
2	300-0602	Gasket	1	1	1
3	300-0601	Cartridge	1	1	1
4	300-0935	Sleeve & Insert	1	1	1
5	300-1036	Cam	1	1	
6	810529	Cam Bearing	1	1	
7	300-0877	Cam Bearing Cover	1	1	
8	300-0312	Screw	3	3	
9	300-0379	Escutcheon	1		
10	807468	Screw	2		
11	810521	Handle	1		
12	803256	Screw	1		
	301-0140	Instructions			1

NOTES: _____

BRADTROL VALVE

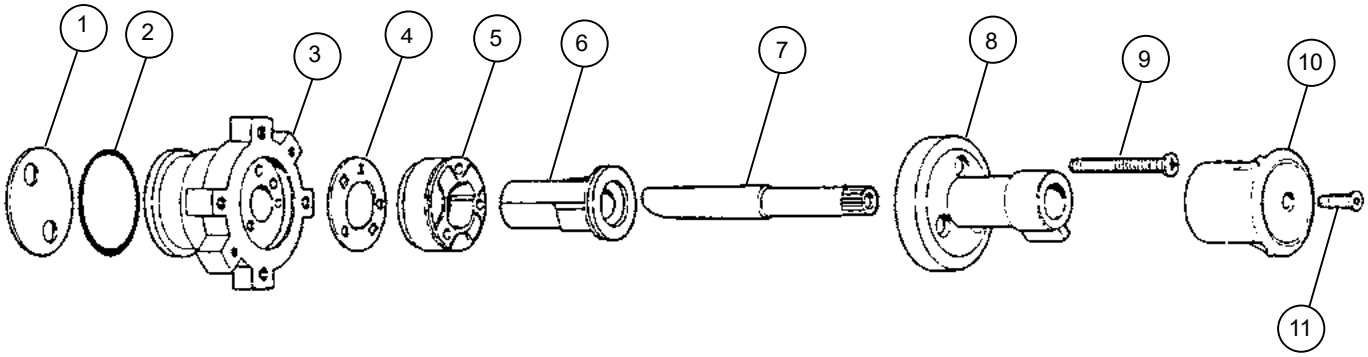
FOR ECONO-WALL, WALL SAVER & PANELONS



Item	Part No.	Description	Assembly	Valve Assembly S21-025	Repair Kit 300-0760
			Qty		
1	300-0875	Valve Body	1		
2	300-0602	Gasket	1	1	1
3	300-0601	Cartridge	1	1	1
4	300-0935	Sleeve & Insert	1	1	1
5	120-020A	Cam	1	1	
6	121-015	Cam Bearing	1	1	
7	300-0312	Screw	3	3	
8	810521	Handle	1		
9	803256	Screw	1		
	301-0140	Instructions			1

NOTES:

BRADTROL VALVE
FOR COLUMN SHOWERS



Item	Part No.	Description	Assembly	Valve Assembly Part No. S21-023	Repair Kit Part No. 300-0760
			Qty		
1	125-001BS	Gasket	1		
2	169-269	Gasket	1		
3	118-094	Adapter	1	1	
4	300-0602	Gasket	1	1	1
5	300-0601	Cartridge	1	1	1
6	300-0935	Sleeve & Insert	1	1	1
7	120-020	Cam	1	1	
8	121-015	Cam Bearing	1	1	
9	300-0312	Screw	3	3	
10	810521	Handle	1		
11	803256	Screw	1		
	301-0140	Instructions			1

Escutcheon and screws (not shown) must be ordered separately as follows:

150-061 Escutcheon, 6-Person Shower

150-062 Escutcheon, 2-5 Person Shower

160-176 Screw for upper escutcheon hole

160-177 Screw for lower escutcheon hole

NOTE: If you want to reverse supplies, rotate cam 180 ° against cartridge, reassemble handle.

Complete Replacement Valve:

S65-055 (2-5 Person)

500252 (6 Person)

COMPRESSION SHOWER VALVES 1949 TO PRESENT

NOTE: Complete valve assemblies are not shown. Only those parts reflecting basic design changes are illustrated.



128-011 Handle "Hot"
128-012 Handle "Cold"



119-008 Valve Stem

808412
Bibb Washer



160-001 or
160-146 Screw

VALVE ASSEMBLY NO. S02-018
Furnished from 1949 to 1963.
Only the 808412 & 160-146 are still available.

Valve Assembly S02-031 (Tempered), 806337 (Cold), 806336 (Hot)



128-021 Handle



119-042 Valve Stem

808412
Bibb Washer



160-146
Screw

First S02-031 Series
Furnished from 1963 to 1968.
Only the 808412 & 160-146 are still available.

REPAIR KIT NO. S45-048

CONTENTS		
Qty	Part No.	Item
1	160-146	Screw
1	808412	Bibb Washer
1	808263	Fibre Washer
1	808262	"O" Ring
1	808414	Renewable Valve Seat
1	807985	Valve Body Washer



806997 Handle



119-050 Valve Stem

808412
Bibb Washer



160-146
Screw

Second S02-031 Series
Furnished from 1968 to 1969.
Only the 128-028, 125-001L & 160-146 are still available.

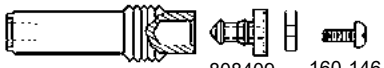
REPAIR KIT NO. S45-048

CONTENTS		
Qty	Part No.	Item
1	160-146	Screw
1	808415	Bibb Washer
1	808263	Fibre Washer
1	808262	"O" Ring
1	808414	Renewable Valve Seat
1	807985	Valve Body Washer



806997 Handle

808412
Bibb Washer



119-052 Valve Stem

808409
Valve Stem
Extension

160-146
Screw

Available as 815049
valve stem assembly

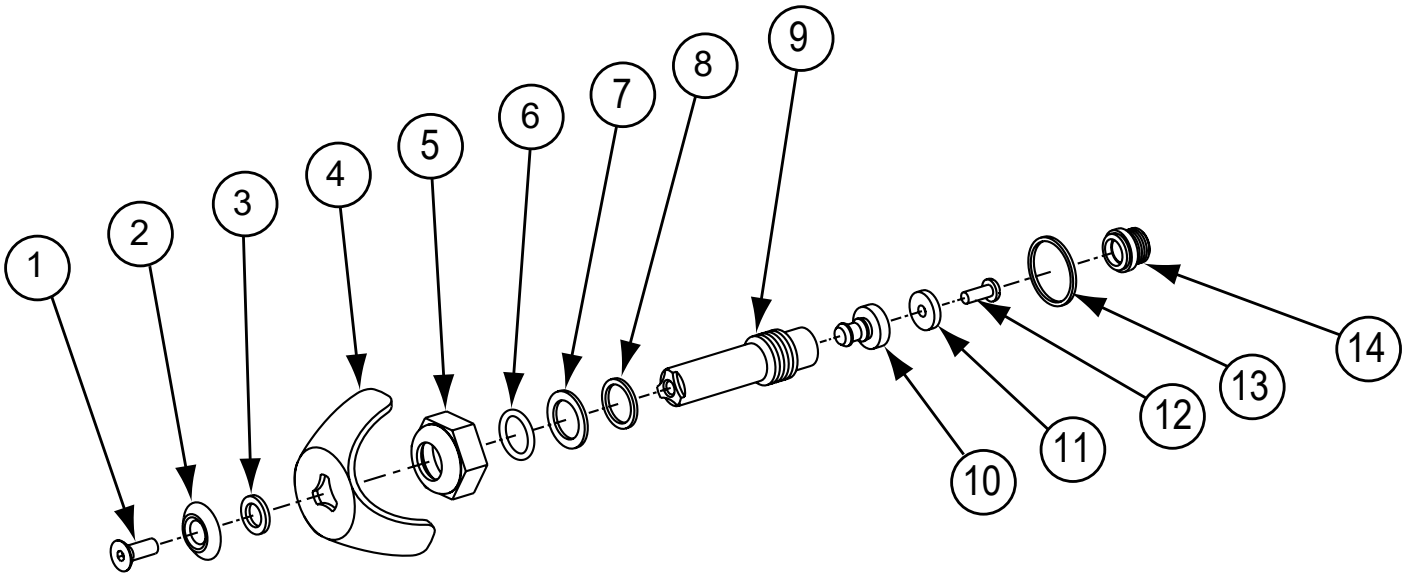
Third S02-031 Series
Furnished since 1969.
Only the third S02-031 Services can be provided complete, either as an assembly, or as individual parts.

REPAIR KIT NO. 815048

CONTENTS		
Qty	Part No.	Item
1	808409	Valve Stem Extension
1	160-146	Screw
1	808412	Bibb Washer
1	808263	Fibre Washer
1	807985	Washer
1	808262	"O" Ring
1	808414	Renewable Valve Seat

COMPRESSION VALVE, CURRENT STYLE - H, C OR TEMPERED

FOR INDIVIDUAL, ECONO-WALLS, WALL SAVERS, PANELONS & COLUMN SHOWERS



Item	Part No.	Description	Assembly S02-031	Valve Stem Assembly S21-020	Valve Stem Extension S21-021	Repair Parts Kit S45-048A
			Qty			
1	807012	Screw	1	—	—	—
2	142-027	Index Washer (White)	1	—	—	—
2	806998	Index Washer (Blue)	1	—	—	—
2	807011	Index Washer (Red)	1	—	—	—
3	807013	Insert Washer	1	—	—	—
4	806997	Handle	1	—	—	—
5	806637	Bonnet	1	—	—	—
6	808262	O-Ring	1	—	—	1
7	808263	Fiber Washer	1	—	—	1
8	808264	Brass Washer	1	—	—	—
9	119-052	Valve Stem	1	1	—	—
10	808409	Valve Stem Extension	1	1	1	1
11	808412	Bibb washer	1	1	1	1
12	160-245	Screw	1	1	1	1
13	807985	Fiber Washer for Valve Body	—	—	—	1
*14	808414	Valve Seat - H & C	—	—	—	1

NOTE: It is not recommended that the component of the stem assemblies be ordered individually. It is likely that valve stem extension can not be removed without breaking as it is made of Celcon plastic. If breakage occurs, that portion of the plastic remaining in valve stem no. 119-052 will have to be drilled out. It is our recommendation that valve stem assembly no. 815049 always be replaced complete.

Used in Conjunction With the Following Existing Parts:

118-009 Valve Body
150-004 Escutcheon, Columns
150-035 Escutcheon, Wall Savers, Panelons

* Use 3/8" Allen Wrench to remove valve seat

NOTE: Older style columns may require a special bushing for the seat: 153-126

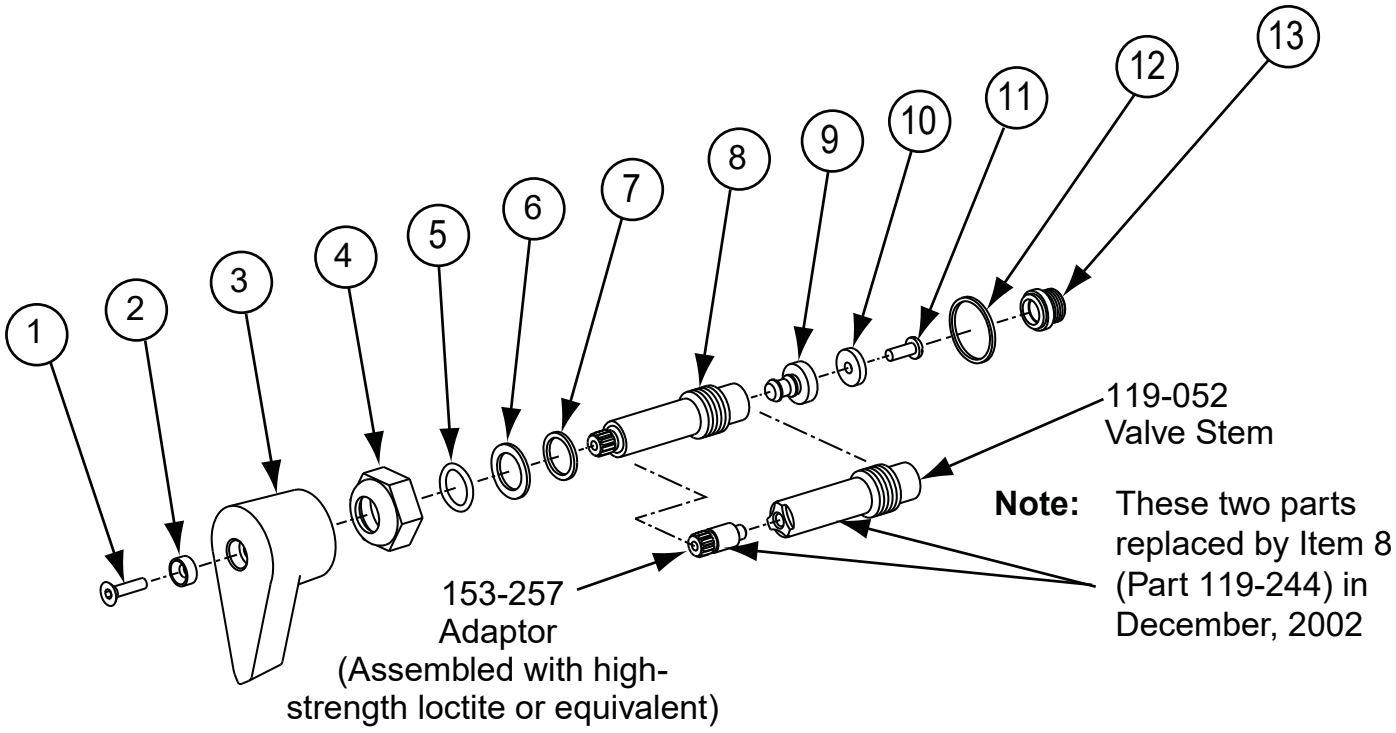
S02-031 Complete valve stem and handle assembly with White Index Washer (Tempered).

806337 Complete valve stem and handle assembly with Blue Index Washer (Cold).

806336 Complete valve stem and handle assembly with Red Index Washer (Hot)

COMPRESSION VALVE, CURRENT STYLE - H, C OR TEMPERED

FOR INDIVIDUAL, ECONO-WALLS, WALL SAVERS, PANELONS & COLUMN SHOWERS



Item	Part No.	Description	Assembly S02-031C	Valve Stem Assembly S21-070	Valve Stem Extension S21-021	Repair Parts Kit S45-048A
			Qty			
1	803256	Screw	1	—	—	—
2	153-163	Insert	1	—	—	—
3	128-050	Handle	1	—	—	—
4	806637	Bonnet	1	—	—	—
5	808262	O-Ring	1	—	—	1
6	808263	Fiber Washer	1	—	—	1
7	808264	Brass Washer	1	—	—	—
8	119-244	Valve Stem - Single Lever	1	1	—	—
9	808409	Valve Stem Extension	1	1	1	1
10	808412	Bibb Washer	1	1	1	1
11	160-245	Screw	1	1	1	1
12	807985	Fiber Washer for Valve Body	—	—	—	1
13	808414	Valve Seat - H & C	—	—	—	1

NOTE: It is not recommended that the component of the stem assemblies be ordered individually. It is likely that valve stem extension can not be removed without breaking as it is made of Celcon plastic. If breakage occurs, that portion of the plastic remaining in valve stem no. 119-244 will have to be drilled out. It is our recommendation that valve stem assembly no. S21-070 always be replaced complete.

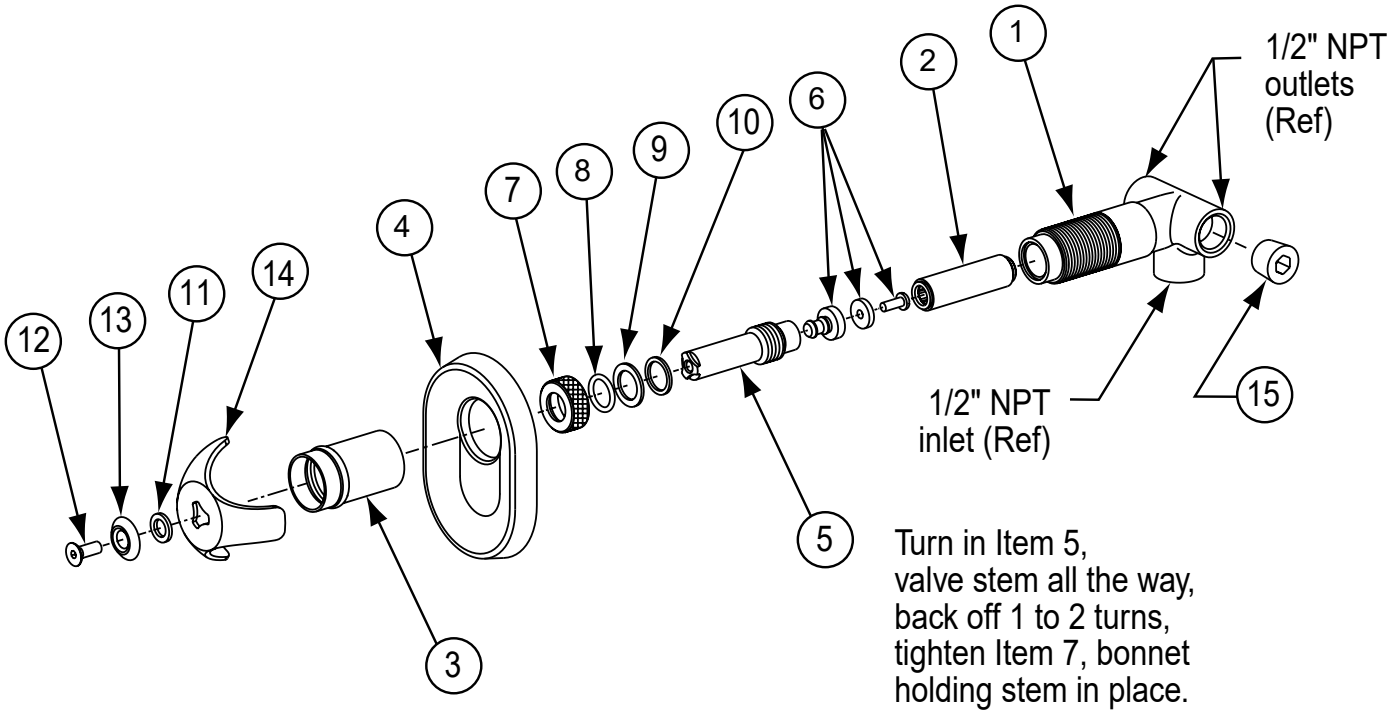
Used in Conjunction With the Following Existing Parts:

118-009	Valve Body
150-004	Escutcheon, Columns
150-035	Escutcheon, Wall Savers, Panelons

* Use 3/8" Allen Wrench to remove valve seat

NOTE: Older style columns may require a special bushing for the seat: 153-126

1C SINGLE COMPRESSION VALVE
FOR BUILT-IN, CONCEALED SUPPLY APPLICATION

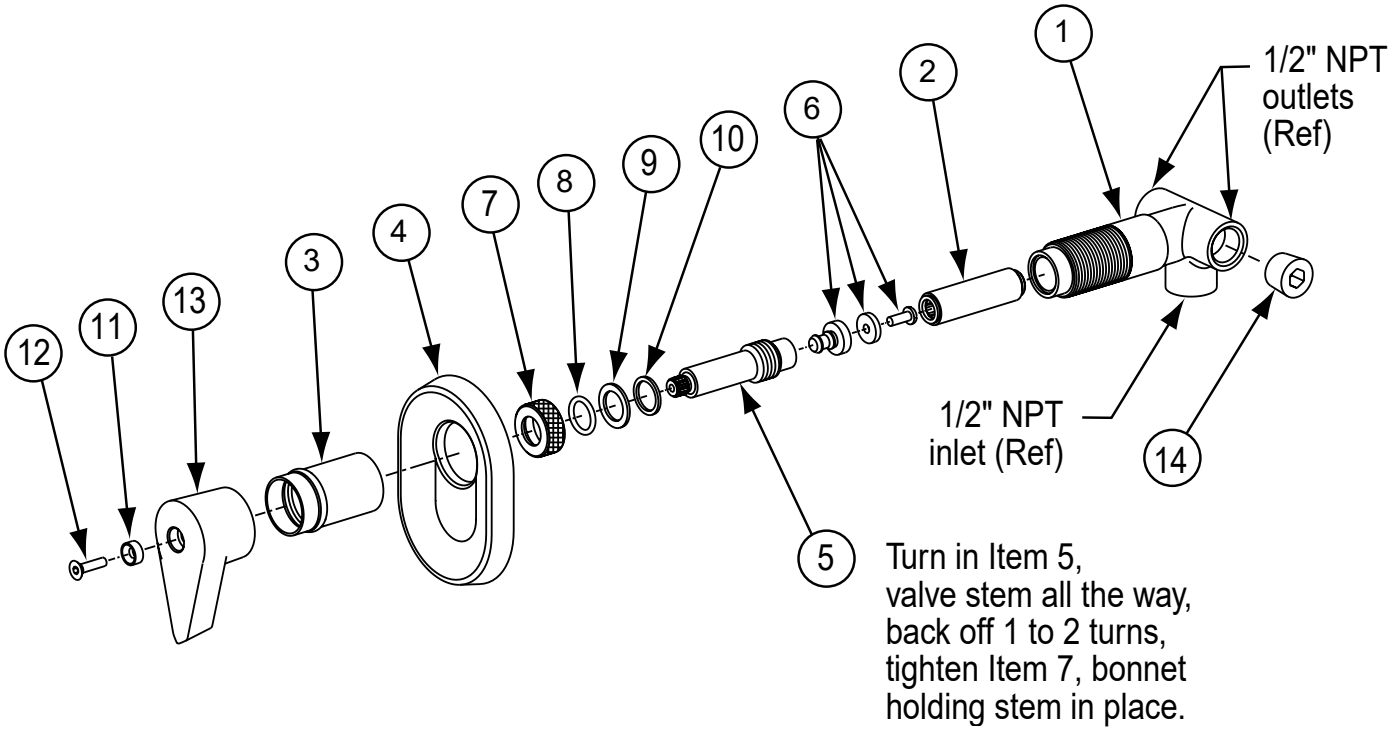


Item	Part No.	Description	Assembly S67-379	Valve Stem Assembly 815049
			Qty	
1	118-146A	Mix Chamber	1	—
2	807081	Valve Seat	1	—
3	113-430	Escutcheon Sleeve H & C	1	—
4	150-110	Escutcheon	1	—
5	119-052	Valve Stem - H & C	1	1
6	807984	Valve Stem Ext Comp	1	1
7	121-019	Bonnet	1	—
8	808262	O-Ring .818" OD	1	—
9	808263	Flat Washer .641 x .938 x .063	1	—
10	808264	Flat Washer .641 x .813 x .063	1	—
11	807013	Washer .391 x .625 x .078	1	—
12	807012	Screw 1/4-28 x 1/2 FL	1	—
13	142-027	Washer - Index - White	1	—
14	128-057	Handle - Polished	1	—
15	169-168	Pipe Plug - 1/2" Brass	1	—

NOTE: It is not recommended that the component of the stem assemblies be ordered individually. It is likely that valve stem extension can not be removed without breaking as it is made of Celcon plastic. If breakage occurs, that portion of the plastic remaining in valve stem no. 119-052 will have to be drilled out. It is our recommendation that valve stem assembly no. 815049 always be replaced complete.

1C SINGLE COMPRESSION VALVE W/ LEVER HANDLE

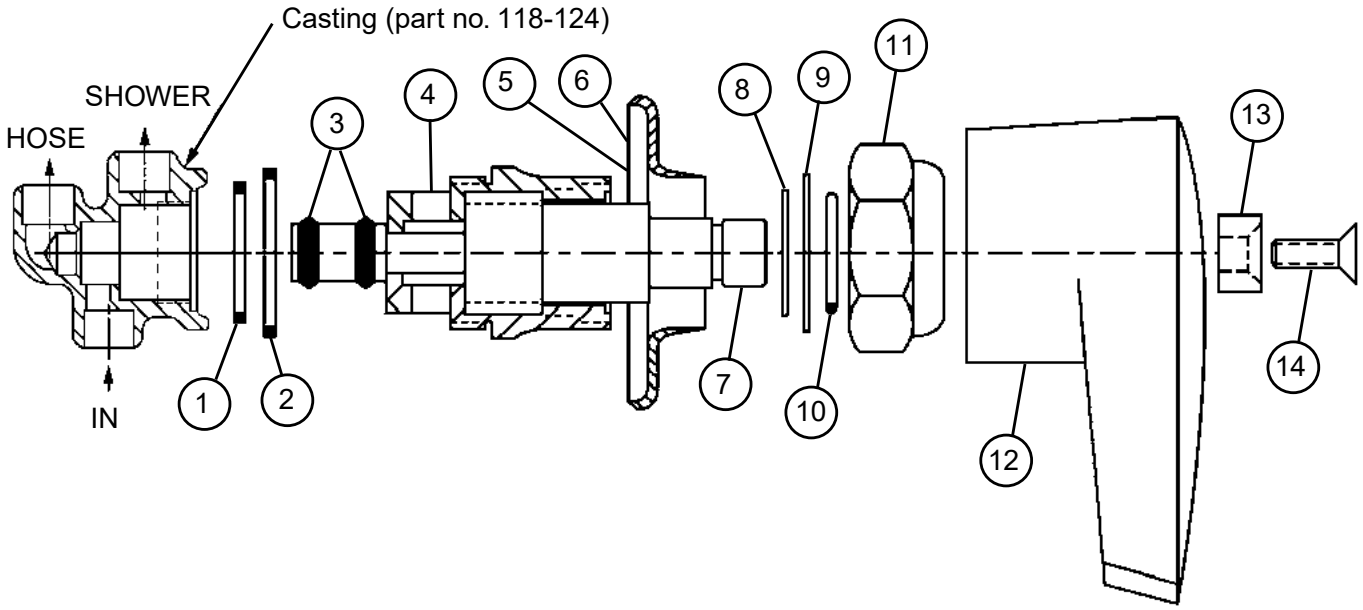
FOR BUILT-IN, CONCEALED SUPPLY APPLICATION



Item	Part No.	Description	Assembly S67-507 Qty	Valve Stem Assembly S21-070 Qty
1	118-146A	Mix Chamber	1	—
2	807081	Valve Seat	1	—
3	113-430	Escutcheon Sleeve H & C	1	—
4	150-110	Escutcheon	1	—
5	119-244	Valve Stem - Lever Handle	1	1
6	807984	Valve Stem Ext Comp	1	1
7	121-019	Bonnet	1	—
8	808262	O-Ring .818" OD	1	—
9	808263	Flat Washer .641 X .938 x .063	1	—
10	808264	Flat Washer .641 x .813 x .063	1	—
11	153-163	Diverter Valve Insert	1	—
12	803256	Screw 10-24 x 3/4 FL	1	—
13	128-050	Handle	1	—
14	169-168	Pipe Plug - 1/2" Brass	1	—

NOTE: It is not recommended that the component of the stem assemblies be ordered individually. It is likely that valve stem extension can not be removed without breaking as it is made of Celcon plastic. If breakage occurs, that portion of the plastic remaining in valve stem no. 119-244 will have to be drilled out. It is our recommendation that valve stem assembly no. S21-070 always be replaced complete.

DIVERTER SHOWER VALVE
FOR ECONO-WALLS & COLUMN SHOWERS

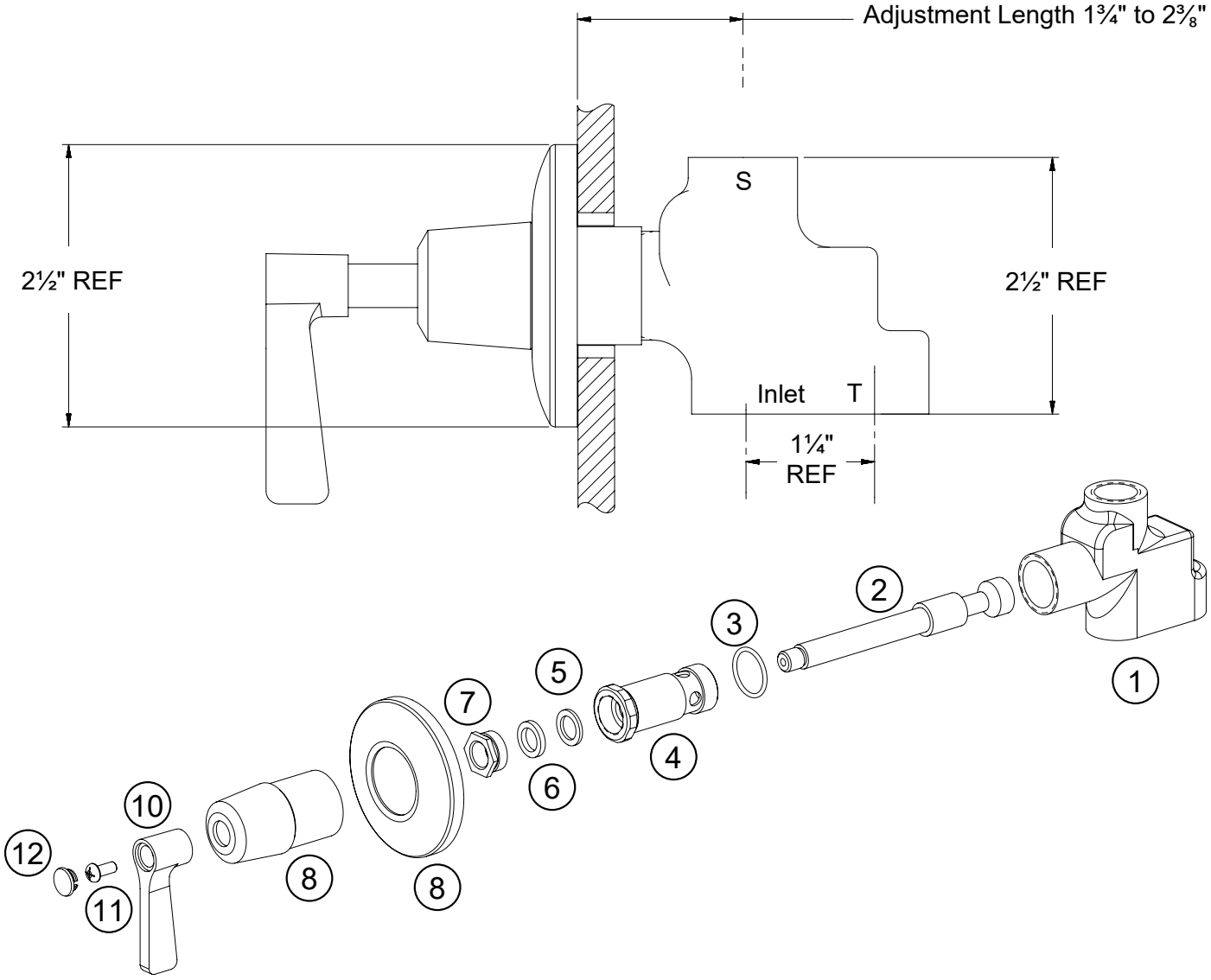


Item	Part No.	Description	Column Valve Assembly Part No. 804201	Wall Shower Valve Assembly Part No. 804202
			Qty	
1	813020	Washer	1	1
2	807985	Washer	1	1
3	813021	Washer	2	2
4	118-126	Valve Body	1	1
5	150-035	Escutcheon - Flat		1
6	150-004	Escutcheon - Column	1	
7	120-028	Stem	1	1
8	808264	Washer	1	1
9	808263	Washer	1	1
10	808262	O-Ring	1	1
11	806637	Bonnet	1	1
12	128-050	Handle	1	1
13	153-163	Insert	1	1
14	803256	Screw	1	1
15*	S45-125	Tube (Lubricant)		

NOTE: Does not include casting
* Does not include recommeneded lubricant (Item 15). Order lubricant separately; apply lubricant to O-Rings.

DIVERTER VALVE - IN WALL (IN SERVICE UNTIL JAN `15)

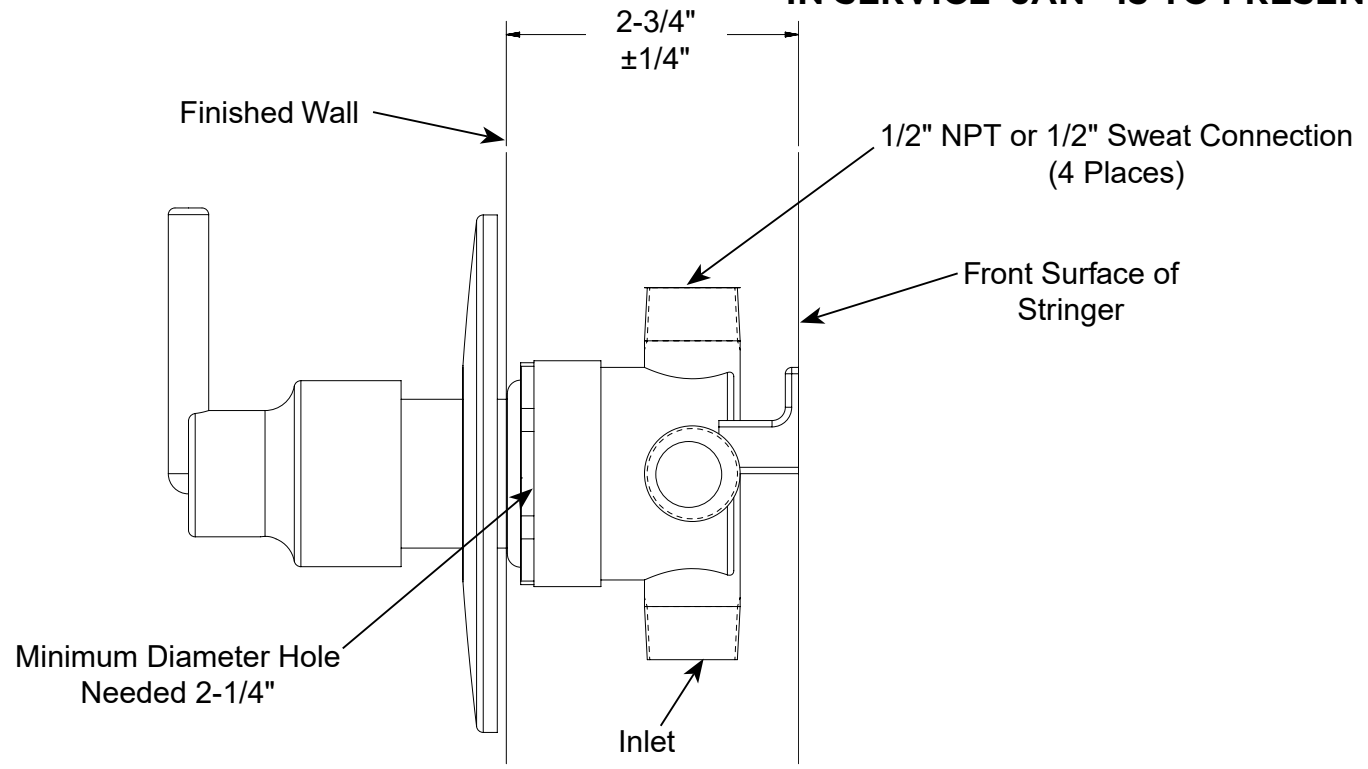
LIMITED SERVICE PARTS AVAILABLE

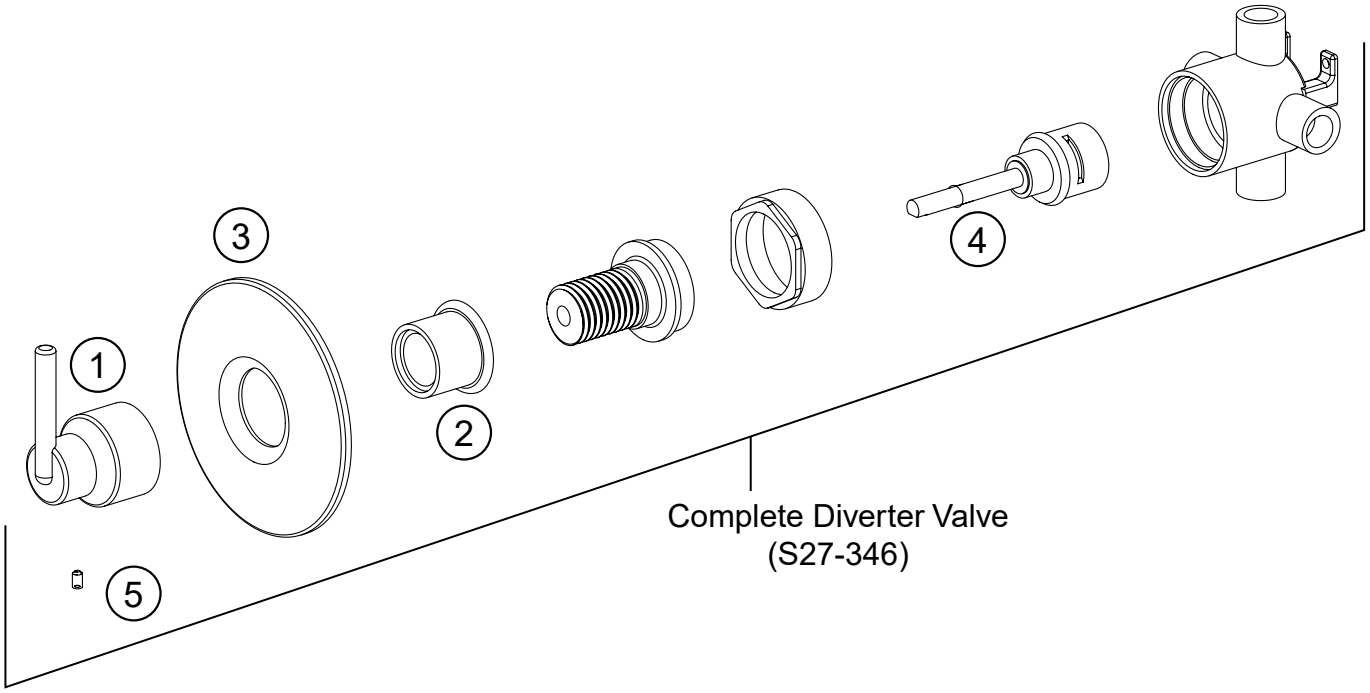


Item	Part No.	Speakman Part No.	Description	Valve Assembly S27-185 Qty
1	269-403	20-0782	Body	1
2	269-412A	G03-0228-RCP	Repair Kit	1
3	806902	49-0099	O-Ring	1
4	269-405	06-0160	Hub	1
5	269-406	807700	Washer	1
6	269-407	803645	Packing	1
7	269-408	807698	Packing Nut	1
8	S45-2728	809214	Diverter Prepack	1
10	269-412	04-0481-PC-P	Handle	1
11	269-413	805373	Screw	1
12	269-1368	41-0175	Index	1

DIVERTER VALVE - IN WALL

IN SERVICE JAN `15 TO PRESENT





Item	Quantity	Bradley Part Number	Delta Faucet Number	Description
1	1	269-2361	RP73365	Trinsic Handle w/ Set Screw
2	1	269-2362	RP51917	Trim Sleeve
3	1	269-2363	RP51924	Escutcheon
4	1	269-2364	RP71717	2 Function Diverter Cartridge
5	1	160-517	-	Set Screw 10-32 x 1/2"

EQUA-FLO SHOWER VALVE, VERSION PRIOR TO MAR `02

FOR INDIVIDUAL, ECONO-WALLS, WALL SAVERS, PANELONS & COLUMN SHOWERS

NOTE: Should the rotor come off the stem, align groove in outer rim of rotor with groove in spline on the stem when reassembling. Also, if you should wish to reverse hot for cold and cold for hot due to install error, or back to back installation, you can reassemble rotor 180° against stem and valve will work properly.

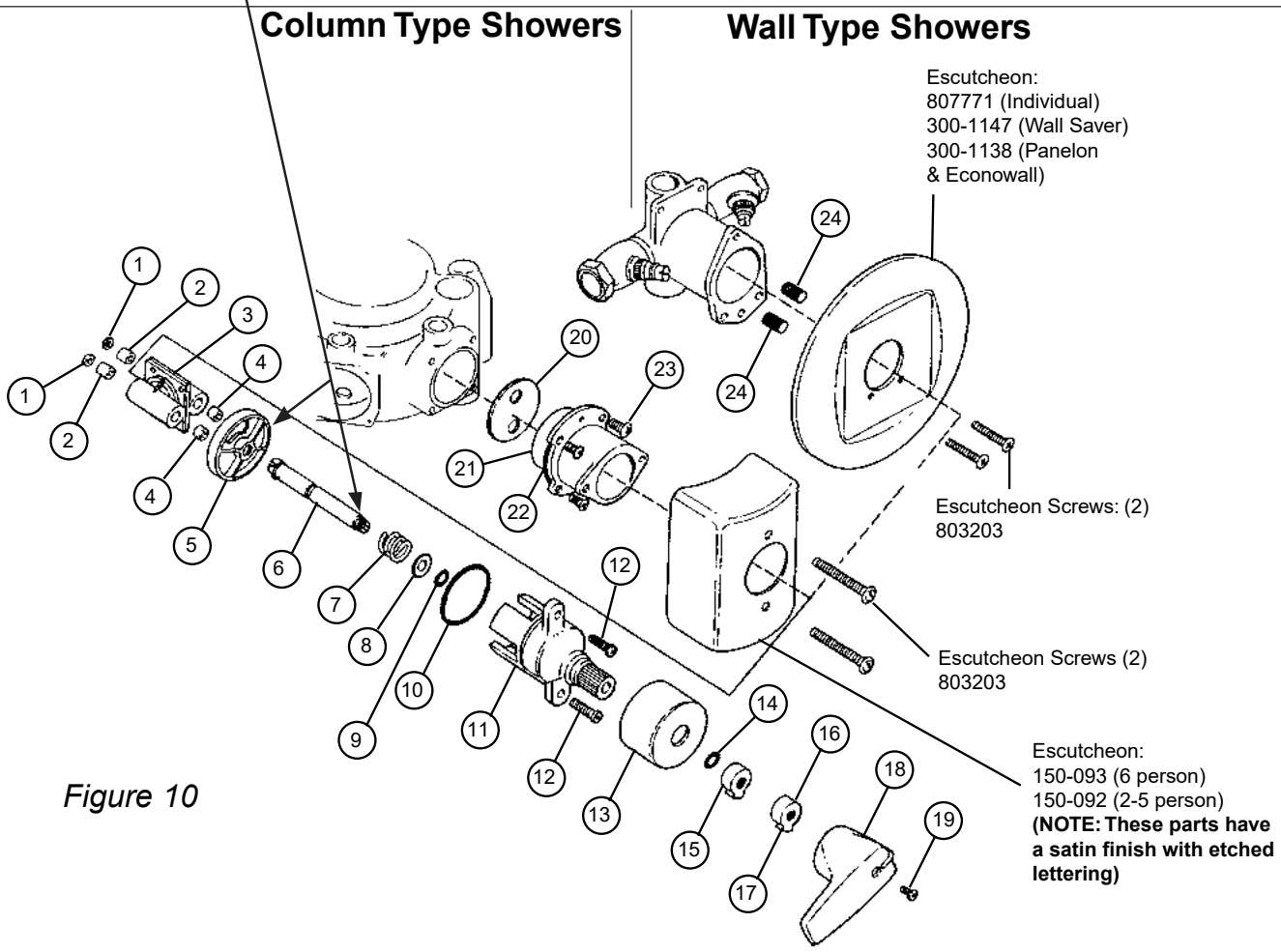


Figure 10

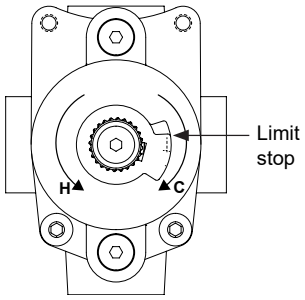
Valves are equipped with a temperature limit stop which can be used to limit the temperature of tempered water discharged. To adjust the temperature, remove the handle and loosen the set screw. remove the limit stop and reposition to desired setting. Turn the limit stop counterclockwise for a hotter setting and clockwise for a cooler setting.

Note: When replacing the double face seals, lubricate the top face with a small amount of lubricant reassembling.

When assembling cap into valve body, use lubricant on 810267 O-ring to prevent twisting of O-ring.

If lubricant is not available, a slight film of soap may be used.

NOTE: This page is for Equa-Flo Shower Valve PRIOR to March, 2002



EQUA-FLO SHOWER VALVE, VERSION PRIOR TO MAR `02 (FIGURE 10)

Item	Part No.	Description	Assembly	Catridge Assembly 803212	Stem Assembly 803217	Gasket Repair Kit 803211
			Qty			
1	125-055	Square Ring (In Rear)		2		2
2	S55-009	Sleeve & Flapper (Ear must fit into groove)		2		
3	118-145	Cartridge Housing		1		
4	125-081	Double-face Seal		2		2
5	803218	Rotor	1			
6	120-133	Stem			1	
7	803276	Spring			1	
8	810269	Washer				
9	810268	O-Ring			1	1
10	810267	O-Ring				
11	803213	Cap/Clamp	1			
12	803286	Screws	2			
13	803292	Cover	1			
14	806899	O-Ring	1			1
15	803204	OFF Stop	1			
16	803206	Hot Limit Stop	1			
17	810266	Set Screw	1			
18	803214	Handle	1			
19	803216	Screw	1			
20	125-001BS	Gasket	1			
21	118-143	Valve Body	1			
22	169-269	Top Seat Gasket	1			
23	169-256	Screws	4			
24	173-015	Screens (Internal)	2			
25	812701	Stops (Optional)	2			

Complete Column Valve Replacement for Columns Built Prior to March, 2002:

806696 for 2-5 Person
S65-076 for 6-Person

NOTE: This page is for Equa-Flow Shower Valve PRIOR to March, 2002

NOTES: _____

EQUA-FLO SHOWER VALVE, MAR `02 - JULY `04

FOR INDIVIDUAL, ECONO-WALLS, WALL SAVERS, PANELONS & COLUMN SHOWERS

NOTE: Should the rotor come off the stem, align groove in outer rim of rotor with groove in spine on the stem when reassembling. Also, if you should wish to reverse hot for cold and cold for hot due to install error, or back to back installation, you can reassemble rotor 180° against stem and valve will work properly.

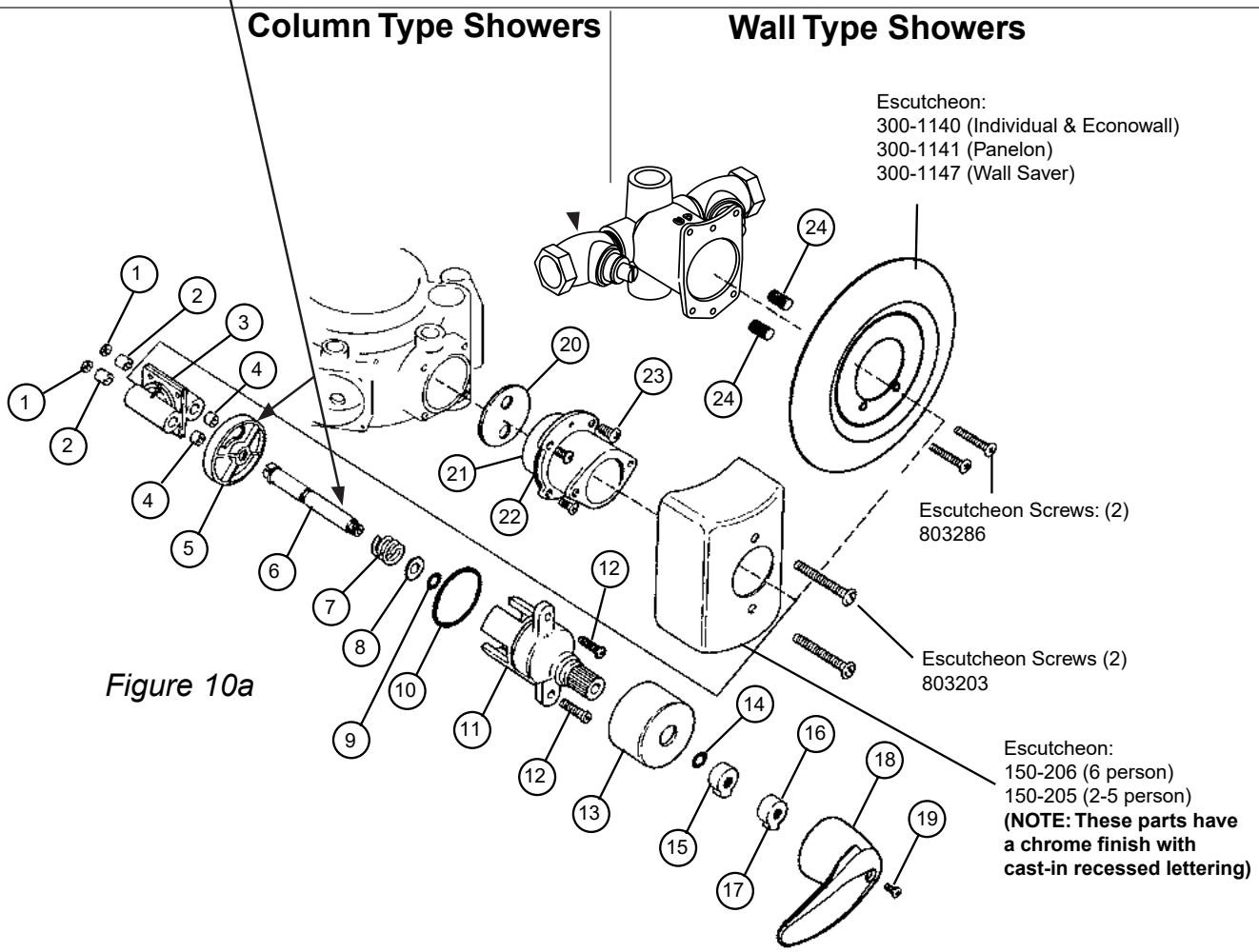


Figure 10a

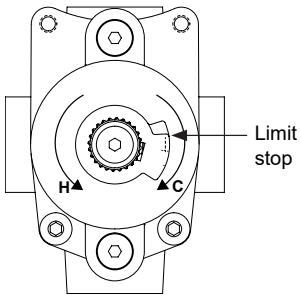
Valves are equipped with a temperature limit stop which can be used to limit the temperature of tempered water discharged. To adjust the temperature, remove the handle and loosen the set screw. remove the limit stop and reposition to desired setting. Turn the limit stop counterclockwise for a hotter setting and clockwise for a cooler setting.

Note: When replacing the double face seals, lubricate the top face with a small amount of lubricant reassembling.

When assembling cap into valve body, use lubricant on 810267 O-ring to prevent twisting of O-ring.

If lubricant is not available, a slight film of soap may be used.

NOTE: This page is for Equa-Flo Shower Valve March, 2002 to July, 2004



EQUA-FLO SHOWER VALVE MAR `02 - JULY `04
(FIGURE 10A)

Item	Part No.	Description	Assembly	Catridge Assembly 803212	Stem Assembly 803217	Gasket Repair Kit 803211
			Qty			
1	125-055	Square Ring (In Rear)		2		2
2	S55-009	Sleeve & Flapper (Ear must fit into groove)		2		
3	118-145	Cartridge Housing		1		
4	125-081	Double-face Seal		2		2
5	120-042	Rotor	1			
6	120-133	Stem			1	
7	803276	Spring			1	
8	810269	Washer				
9	810268	O-Ring			1	1
10	810267	O-Ring				
11	803213	Cap/Clamp	1			
12	803286	Screws	2			
13	803292	Cover	1			
14	806899	O-Ring	1			1
15	803204	OFF Stop	1			
16	803206	Hot Limit Stop	1			
17	810266	Set Screw	1			
18	803214	Handle	1			
19	803216	Screw	1			
20	125-001BS	Gasket	1			
21	118-143	Valve Body	1			
22	169-269	Top Seat Gasket	1			
23	169-256	Screws	4			
24	173-015	Screens (Internal)	2			
25	812701	Stops (Optional)	2			

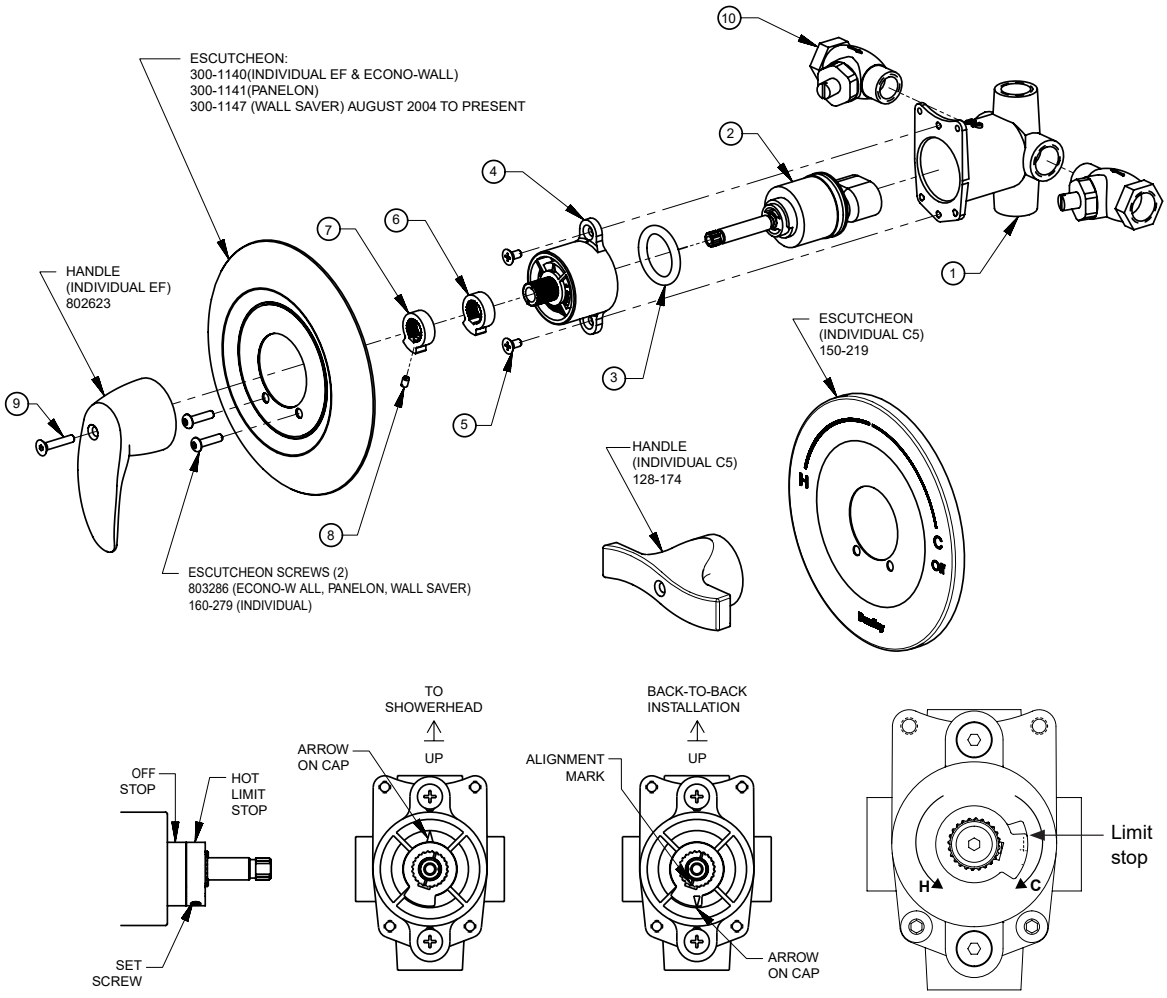
Complete Column Valve Replacement for Columns Built March, 2002 to July, 2004:

S65-235 for 2-5 Person
S65-236 for 6-Person

NOTE: This page is for Equa-Flow Shower Valve March, 2002 to July, 2004

NOTES: _____

EQUA-FLO PRESSURE VALVE, AUG `04 TO PRESENT
FOR INDIVIDUAL, ECONO-WALLS, WALL SAVERS & PANELONS SHOWERS



Equa-Flo valves are equipped with a temperature limit stop which can be used to limit the temperature of tempered water discharged.

IMPORTANT: **The hot limit stop as shown above has been set for maximum temperature operation. For temperatures other than the maximum, the stop may be repositioned as described below. Failure to adjust the hot limit stop to a safe shower temperature could result in the user being scalded.**

To adjust the temperature, remove the handle and loosen the set screw. Remove the HOT limit stop and reposition to desired setting Turn the limit stop counterclockwise for a HOTTER setting and clockwise for a COOLER setting.

When assembling the cartridge assembly into the valve body and cap, lubricate the stem and O-rings with S45-125 grease.

If the desired position falls between adjacent positions on the spline, flip the HOT limit stop over so the other face shows. This shifts the stop position by 1/2 spline.

FOR BACK-TO-BACK INSTALLATION: On the valve that is installed “backwards”.

A. Remove (2) screws that hold down cap.

B. Rotate cap and cartridge assembly 180°; re-install screws.

C. Remove both limit stops and rotate 180°. Align with Alignment Mark as shown.

D. Adjust hot limit stop the same as for a standard installation.

EQUA-FLO PRESSURE VALVE, AUG `04 TO PRESENT
INDIVIDUAL, ECONO-WALLS, WALL SAVERS & PANELONS

Item	Part No.	Description	Assembly	Gasket Repair Kit S65-276	Cartridge Assembly Repair Kit S65-277
			Qty		
1	118-144	Valve Body	1	—	—
2	269-1785	Cartridge Assembly	1 (See Note 4)	—	1 (See Note 4)
3	125-161	O-ring	—	1 (See Note 3)	1 (See Note 4)
4	107-551	Cap	1	—	—
5	160-454	Screw 10-24 x 3/8 Flat Head	2	—	—
6	803204	Limit Stop, OFF	1	—	—
7	803206	Limit Stop, HOT	1	—	—
8	810266	Set Screw 8-32 x 1/4	1	—	—
9	803216	Screw 10-24 x 1 Flat Head	1	—	—
10	812701	Check Stop	2	—	—
11	300-0402	Foam Rim Seal (not shown)	1	—	—

Notes:

1. Complete Valve Replacement/Retrofit Kit

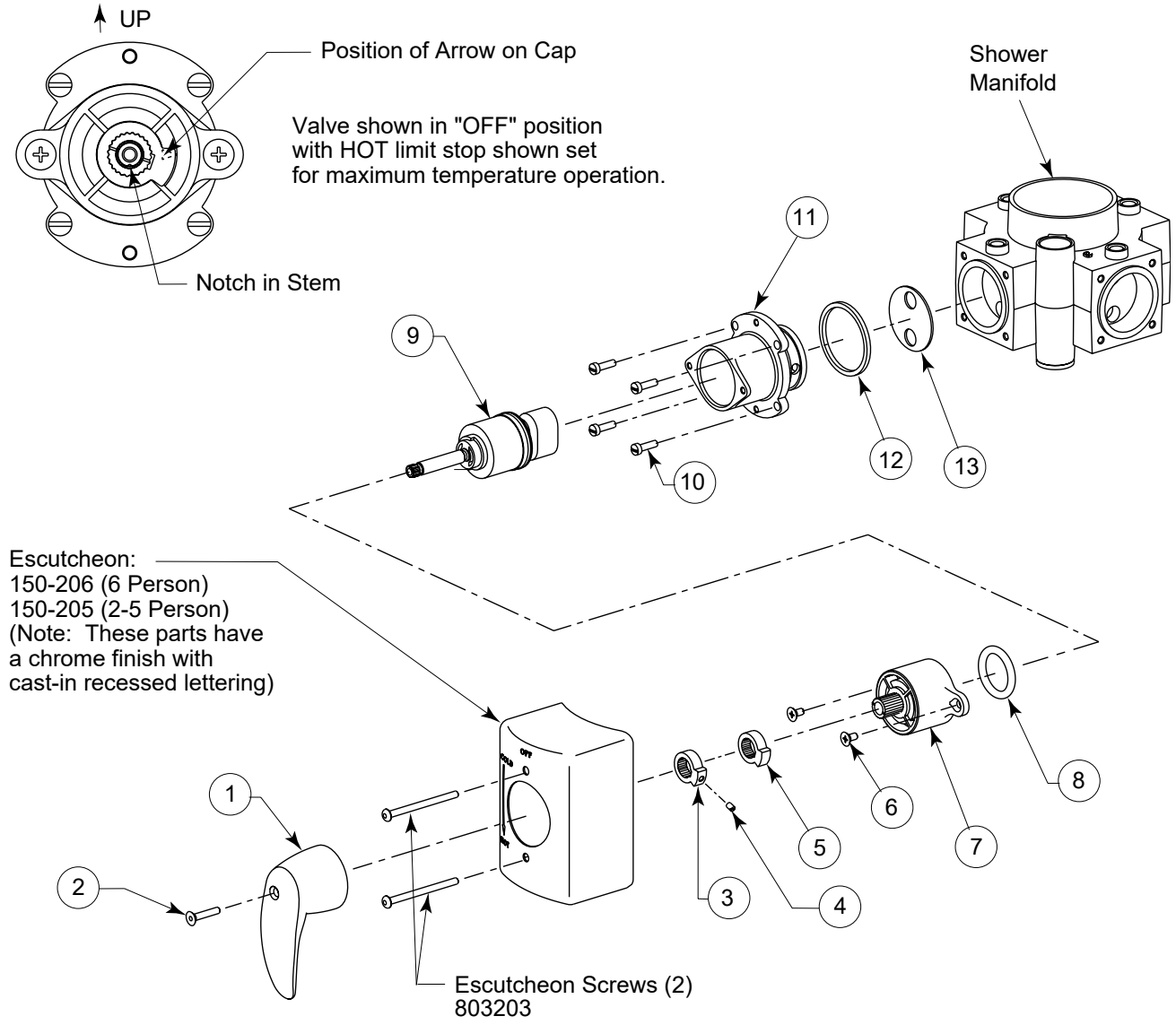
   S65-265 Individual and Econo-Wall Showers
   S65-265A Panelon
   S65-265B Wall Saver

   Kit part numbers contain all parts necessary to replace/retrofit one station only. Customer must order proper amount of kits; example: Three S65- kits required for a 3W Econo-Wall Shower.

2. Part numbers on this page apply only to Equa-Flo valves built from 1983 to Present; Equa-Flo valves built prior to 1983 must use 011255 Retrofit Kit.
3. Gasket Repair kit also contains the three external O-rings (not shown on exploded diagram) supplied with the 269-1785 cartridge assembly.
4. If the 269-1785 Cartridge is disassembled, it cannot be reassembled and must be replaced. The 269-1785 Cartridge assembly cannot be ordered separately; cartridge assembly must be ordered as part of the Repair Kit that includes the O-ring.

NOTES: _____

EQUA-FLO PRESSURE BALANCING VALVE
FOR COLUMN SHOWERS (AUG `04 TO PRESENT)



Equa-Flo valves are equipped with a temperature limit stop which can be used to limit the temperature of tempered water discharged.

IMPORTANT: The hot limit stop as shown above has been set for maximum temperature operation. For temperatures other than the maximum, the stop may be repositioned as described below. Failure to adjust the hot limit stop to a safe shower temperature could result in the user being scalded.

To adjust the temperature, remove the handle and loosen the set screw. Remove the HOT limit stop and reposition to desired setting. Turn the limit stop clockwise for a HOTTER setting and counterclockwise for a COOLER setting.

When assembling the cartridge assembly into the valve body and cap, lubricate the stem and O-rings with S45-125 grease.

If the desired position falls between adjacent positions on the spline, flip the HOT limit stop over so the other face shows. This shifts the stop position by 1/2 spline.

EQUA-FLO PRESSURE BALANCING VALVE
FOR COLUMN SHOWERS (AUG `04 TO PRESENT)

Item	Part No.	Description	Assembly	Gasket Repair Kit S65-278	Cartridge Assembly Repair Kit 812446
			Qty		
1	802623	Handle	1	—	—
2	803216	Screw #10-24 x 1 Flat Head	1	—	—
3	803206	Limit Stop, HOT	1	—	—
4	810266	Set Screw #8-32 x 1/4	1	—	—
5	803204	OFF Stop	1	—	—
6	160-454	Screw #10-24 x 3/8 Flat Head	2	—	—
7	107-551	Cap	1	—	—
8	125-161	O-Ring	1	1 (See Note 2)	1 (See Note 3)
9	269-1785	Cartridge Assembly	1	—	1 (See Note 3)
10	169-256	Screw #10-24 x 5/8	4	—	—
11	118-143	Valve Body	1	—	—
12	169-269	Gasket	1	1 (See Note 2)	—
13	125-001BS	Washer	1	1 (See Note 2)	—

Notes:

1. Complete Column Valve Replacement/Retrofit Kit:

   S65-266 for 2-5 Person
   S65-267 For 6 Person

Kit part numbers contain all parts necessary to replace/retrofit one station only. Customer must order proper amount of kits; example" Five S65-266 kits required for a 5 Person Column Shower.

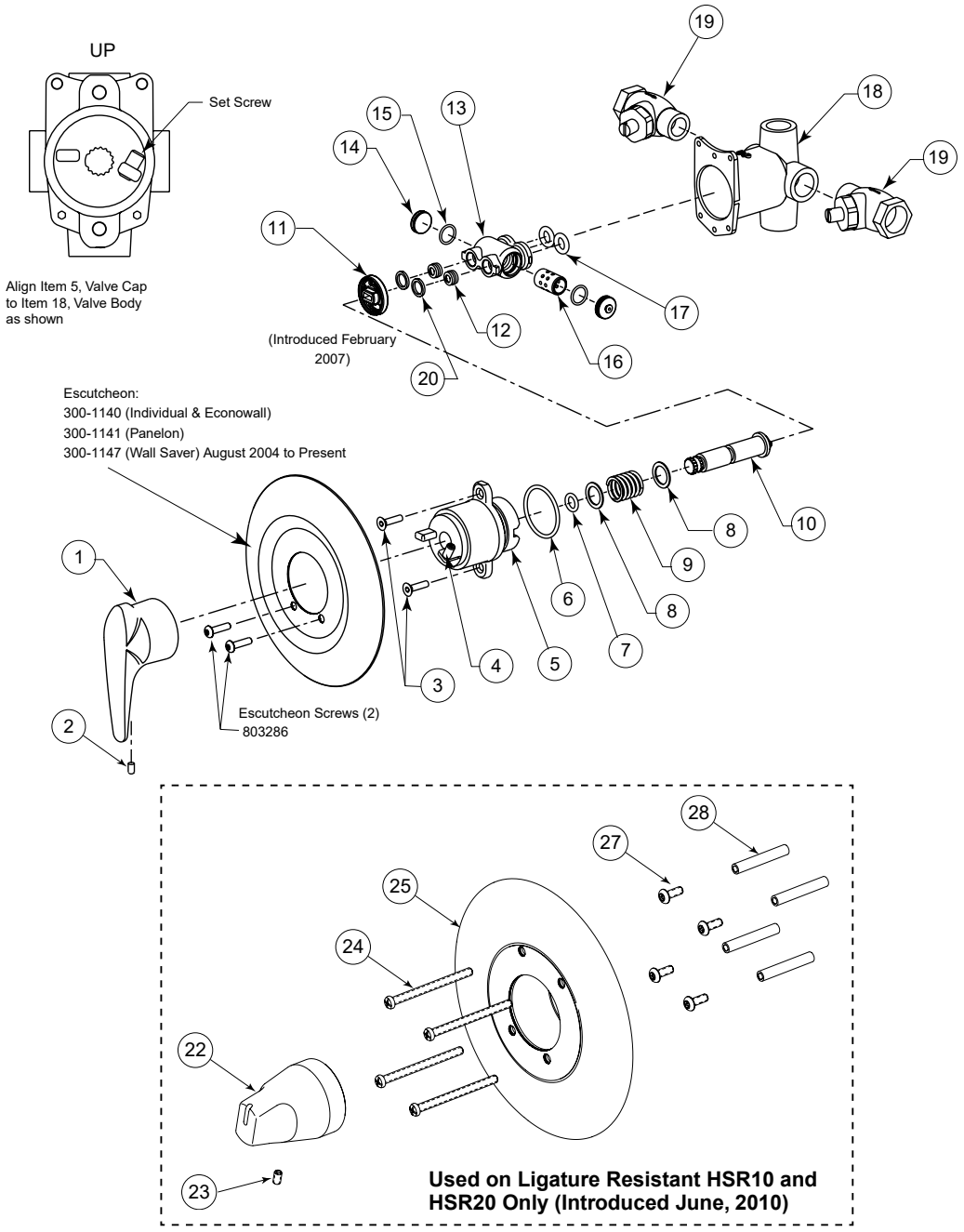
2. Gasket Repair kit also contains the three external O-rings (not shown on exploded diagram) supplied with the 269-1785 cartridge assembly.

3. 269-1785 Cartridge assembly cannot be ordered separately; cartridge assembly must be ordered as part of the Repair Kit that includes the O-ring.

NOTES: _____

EQUA-FLO HD PRESSURE BALANCING VALVE

FOR INDIVIDUAL, ECONO-WALLS, WALL SAVERS & PANELONS SHOWERS (2003 TO PRESENT)



Valves are equipped with a temperature limit stop which can be used to limit the temperature of tempered water discharged. To adjust the temperature, remove the handle and adjust the set screw on the valve cap. Turn the set screw clockwise for COLDER setting and counterclockwise for WARMER setting.

NOTE: When replacing the double face seals, lubricate the top face with a small amount of lubricant when reassembling.

When assembling the valve cap into valve body, use lubricant on 125-154 O-ring to prevent twisting of O-ring.

If lubricant is not available, a slight film of soap may be used.

EQUA-FLO HD PRESSURE BALANCING VALVE

FOR INDIVIDUAL, ECONO-WALLS, WALL SAVERS & PANELONS SHOWERS (2003 TO PRESENT)

Item	Part No.	Description	Assembly	Cartridge Assembly S67-602S	Stem Assembly S21-076	Gasket Repair Kit S65-248
			Qty			
1	810129	Handle	1	—	—	—
2	810168	Screw	1	—	—	—
3	803256	Screw	2	—	—	—
4	160-441	Set Screw	1	—	—	—
5	107-521	Valve Cap	1	—	—	—
6	125-154	O-Ring	1	—	—	1
7	125-001AY	O-Ring	—	—	1	1
8	142-131	Washer	—	—	2	—
9	135-089	Spring	—	—	1	—
10	120-150	Stem	—	—	1	—
11	120-155A	Rotor	1	—	—	—
12	125-081	Double-Face Seal	—	2	—	2
13	118-311	Cartridge Housing	—	1	—	—
14	153-428	Retainer	—	2	—	—
15	125-001BQ	O-Ring	—	2	—	2
16	119-242	Piston	—	1	—	—
17	125-155	O-Ring	—	2	—	2
18	118-144	Valve Body	1	—	—	—
19	812701	Stops (Optional)	2	—	—	—
20	142-130	Washer	—	2	—	2
21	300-0402	Foam Rim Seal (not shown)	1	—	—	—

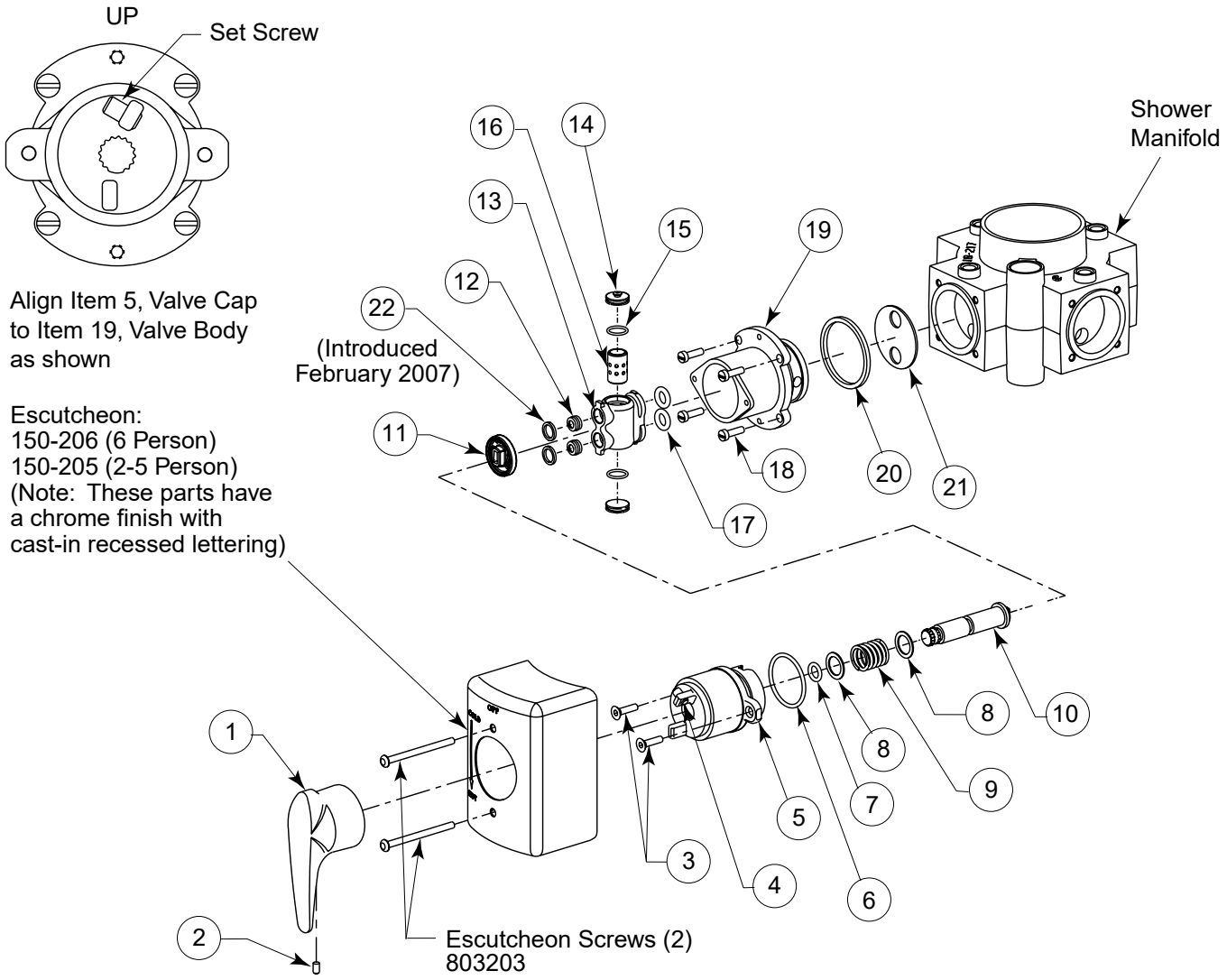
Item	Part No.	Description	HSR10	HSR20
			Qty	
22	128-179	Handle, Ligature Resistant	1	1
23	810168	Screw, 10-24 x 5/16" set	1	1
24	160-464	Screw, 10-24 x 2-1/2"	4	—
25	S74-023	Escutcheon/Sleeve Assembly	1	1
26	130-146	Driver/Wrench (not shown)	1	—
27	004553	Screw, 10-24 x 1/2"	—	4
28	153-474	Stand Off Screw	—	4
29	004554	Pin In Hex Key (not shown)	—	1

Complete Valve Replacement/Retrofit Kit:

S65-249 Individual and Econowall Showers
S65-249A Panelon
S65-249B Wall Saver

Note: Above part numbers contain all parts necessary to replace/retrofit one station only. Customer must order proper amount of kits; example: Three S65-249 kits required for a 3W Econo-Wall Shower.

EQUA-FLO HD PRESSURE BALANCING VALVE
FOR COLUMN SHOWERS (2003 TO PRESENT)



Valves are equipped with a temperature limit stop which can be used to limit the temperature of tempered water discharged. To adjust the temperature, remove the handle and adjust the set screw on the valve cap. Turn the set screw clockwise for COLDER setting and counterclockwise for WARMER setting.

NOTE: When replacing the double face seals, lubricate the top face with a small amount of lubricant when reassembling.

When assembling the valve cap into valve body, use lubricant on 125-154 O-ring to prevent twisting of O-ring.

If lubricant is not available, a slight film of soap may be used.

EQUA-FLO HD PRESSURE BALANCING VALVE
FOR COLUMN SHOWERS (2003 TO PRESENT)

Item	Part No.	Description	Assembly	Cartridge Assembly S67-602S	Stem Assembly S21-076	Gasket Repair Kit S65-248A
			Qty			
1	810129	Handle	1	—	—	—
2	810168	Screw	1	—	—	—
3	803256	Screw	2	—	—	—
4	160-441	Set Screw	1	—	—	—
5	107-521	Valve Cap	1	—	—	—
6	125-154	O-Ring	1	—	—	1
7	125-001AY	O-Ring	—	—	1	1
8	142-131	Washer	—	—	2	—
9	135-089	Spring	—	—	1	—
10	120-150	Stem	—	—	1	—
11	120-155B	Rotor	1	—	—	—
12	125-081	Double-Face Seal	—	2	—	2
13	118-311	Cartridge Housing	—	1	—	—
14	153-428	Retainer	—	2	—	—
15	125-001BQ	O-Ring	—	2	—	2
16	119-242	Piston	—	1	—	—
17	125-155	O-Ring	—	2	—	2
18	169-256	Screw	4	—	—	—
19	118-143	Valve Body	1	—	—	—
20	169-269	Gasket	1	—	—	1
21	125-001BS	Washer	1	—	—	1
22	142-130	Washer	—	2	—	2

Complete Column Valve Replacement/Retrofit Kits for Columns

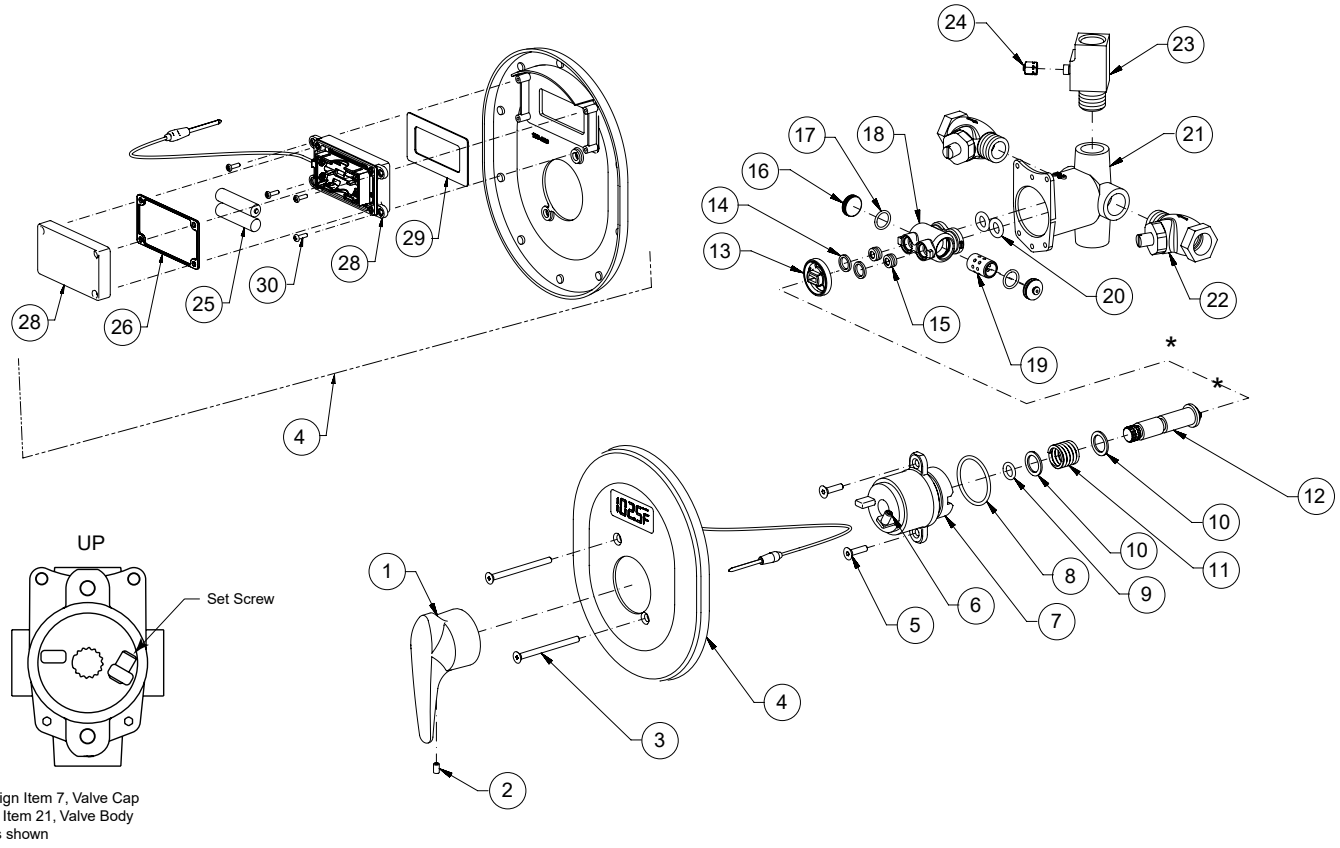
S65-250 for 2-5 Person
S65-251 for 6-Person

NOTE: Above part numbers contain all parts necessary to replace/retrofit one station only. Customer must order proper amount of kits; example: Five S65-250 kits required for a five person column.

NOTES: _____

EQUA-FLO HDT1 PRESSURE BALANCING VALVE

MODEL S59-1005T1 FOR INDIVIDUAL SHOWERS (JAN `13 TO PRESENT)



Valves are equipped with a temperature limit stop which can be used to limit the temperature of tempered water discharged. To adjust the temperature, remove the handle and adjust the set screw on the valve cap. Turn the set screw clockwise for COLDER setting and counterclockwise for WARMER setting.

NOTE: When replacing the double face seals, lubricate the top face with a small amount of lubricant when reassembling.

When assembling the valve cap into valve body, use lubricant on 125-154 O-ring to prevent twisting of O-ring.

If lubricant is not available, a slight film of soap may be used.

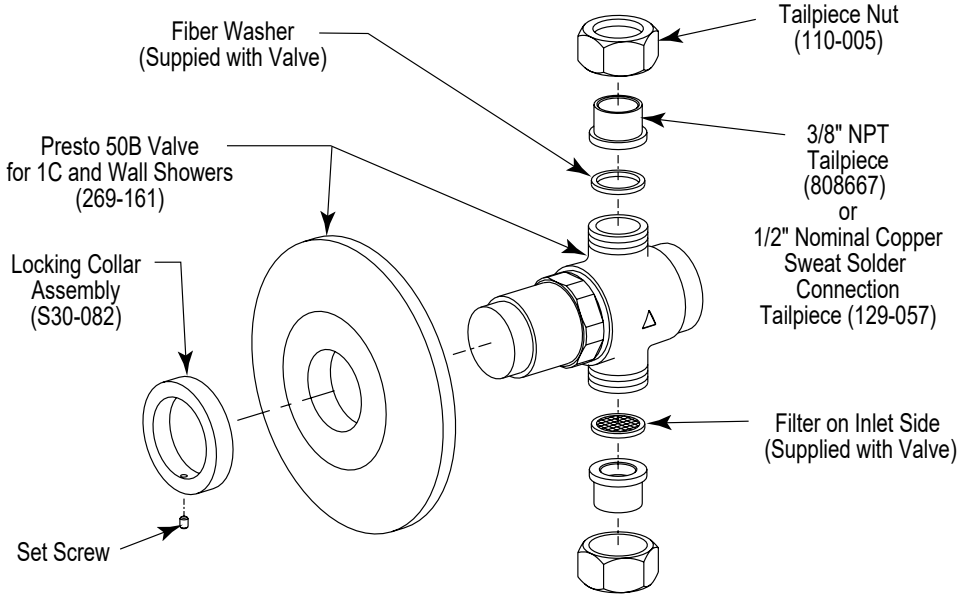
NOTES: _____

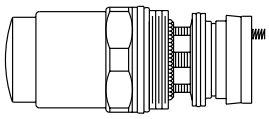
EQUA-FLO HDT1 PRESSURE BALANCING VALVE
MODEL S59-1005T1 FOR INDIVIDUAL SHOWERS (JAN `13 TO PRESENT)

Item	Part No.	Description	Assembly	Cartridge Assembly S67-602S	Stem Assembly S21-076	Gasket Repair Kit S65-248	Temp Display Repair Kit S65-382
			Qty				
1	810129	Handle	1	—	—	—	—
2	810168	Screw	1	—	—	—	—
3	160-386	Screw	2	—	—	—	—
4	S74-020	Escutcheon Assembly w/ Display	1	—	—	—	—
5	803256	Screw	2	—	—	—	—
6	160-441	Set Screw	1	—	—	—	—
7	107-521	Valve Cap	1	—	—	—	—
8	125-154	O-Ring	1	—	—	1	—
9	125-001AY	O-Ring	—	—	1	1	—
10	142-131	Washer	—	—	2	—	—
11	135-089	Spring	—	—	1	—	—
12	120-150	Stem	—	—	1	—	—
13	120-155A	Rotor	1	—	—	—	—
14	142-130	Washer	—	2	—	2	—
15	125-081	Double-Face Seal	—	2	—	2	—
16	153-428	Retainer	—	2	—	—	—
17	125-001BQ	O-Ring	—	2	—	2	—
18	118-311	Cartridge Housing	—	1	—	—	—
19	119-242	Piston	—	1	—	—	—
20	125-155	O-Ring	—	2	—	2	—
21	118-144	Valve Body	1	—	—	—	—
22	812701	Stops (Optional)	2	—	—	—	—
23	269-2092	Tee-Probe (includes 269-2096)	1	—	—	—	—
24	269-2096	Sleeve/Nut Assembly	—	—	—	—	1
25	261-013	Battery (AAA) 2 Pack	1	—	—	—	—
26	269-2081	Gasket - Display	—	—	—	—	—
27	124-089	Foam Rim Seal (not shown)	1	—	—	—	—
28	269-2076	Temperature Display	—	—	—	—	1
29	124-088	Gasket-Temp Display	—	—	—	—	1
30	160-478	Screw 4-40 x 3/8	—	—	—	—	4

ATLANTIC COASTAL SUPPLY INC.
ACSPARTS.NET (800) 520 - 0556

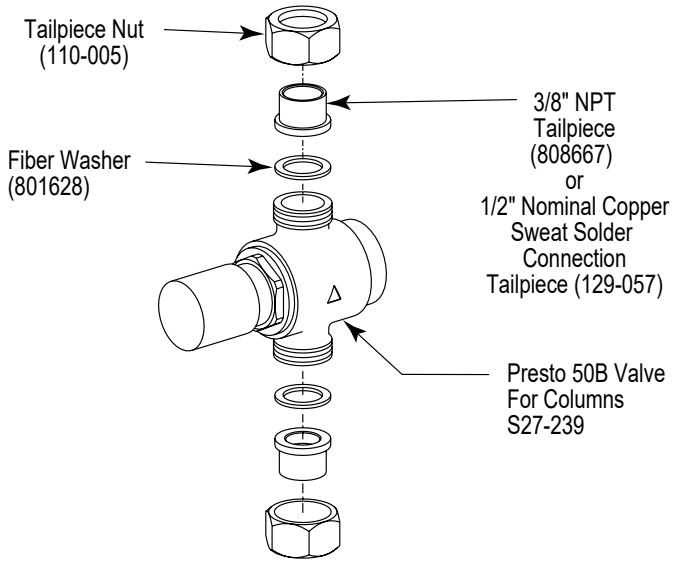
PRESTO VALVES & CARTRIDGES

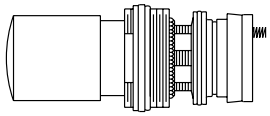




Repair Cartridge for
Presto 50B Valve
in 1C and Wall Showers
(811106)

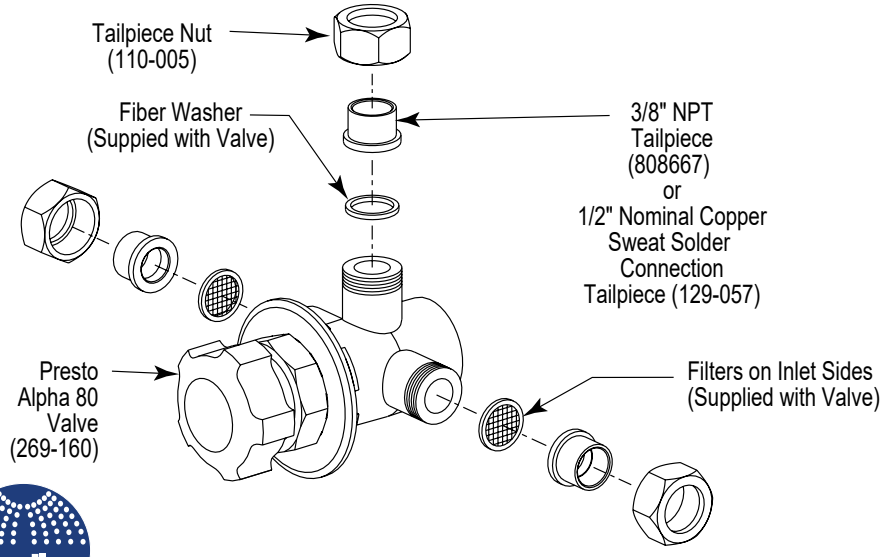
PRESTO 50B VALVE FOR 1C AND WALL SHOWERS

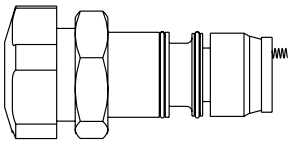




Repair Cartridge for
Presto 50B Valve
in Column Showers
(269-1578)

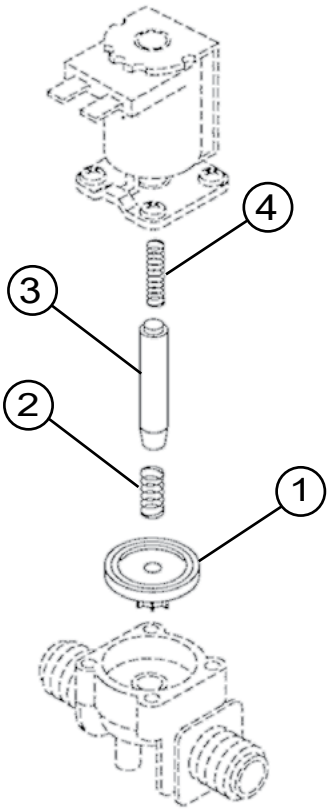
PRESTO 50B VALVE FOR COLUMN SHOWERS





Repair Cartridge for
Presto Alpha 80 Valve
(269-1800)

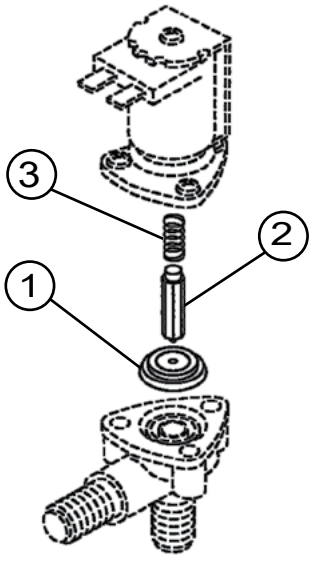
PRESTO ALPA 80 VALVE



Coverall and Column Solenoid Valves

808321 Muller Valve Assembly

Item	Description	Repair Kit S65-123 Qty
1	Membrane	1
2	Membrane Pressure Spring	1
3	Plunger	1
4	Pressure Spring (Plunger)	1

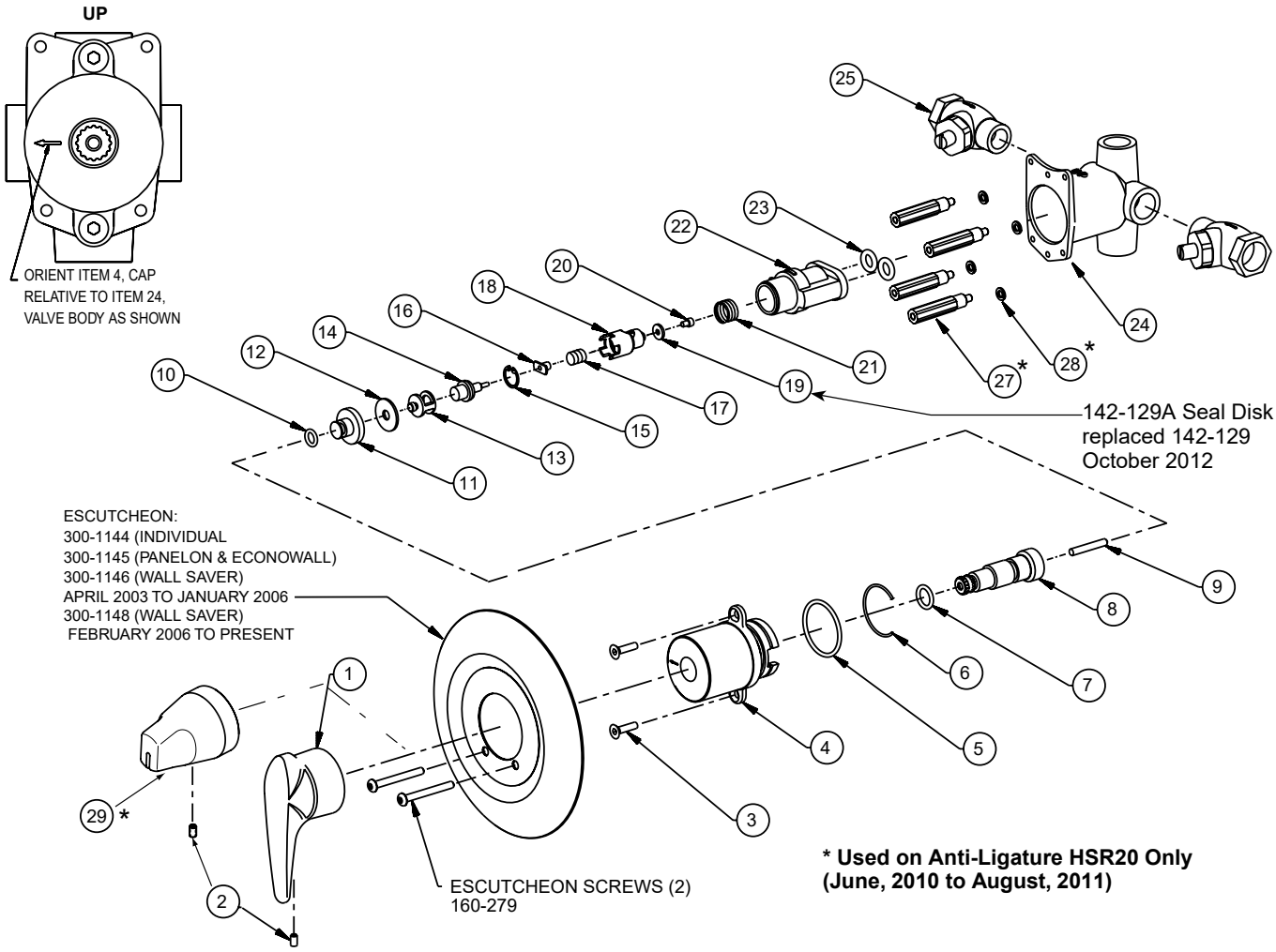


All Other Shower Solenoid Valves

806231 Eaton Valve Assembly

Item	Part No.	Description	Repair Kit 811411 Qty
1	805719	Diaphragm	1
2	809638	Armature	1
3	809697	Spring	1

THERMOSTATIC MIXING VALVE - MODEL 803278
FOR INDIVIDUAL, ECONO-WALL, WALL SAVER & PANELON SHOWERS (APR `03 TO PRESENT)



*** Used on Anti-Ligature HSR20 Only (June, 2010 to August, 2011)**

To adjust the valve's temperature to other than the factory preset, follow the procedures outlined below.

1. Turn on the water and let it run until 2.5 – 4 GPM is flowing through the valve.

2. Remove the shower valve handle and handle screw to expose the set screw inside the valve stem.

3. Using a 3/32" hex-head Allen key, turn the set screw **counterclockwise** to **increase** the temperature or **clockwise** to **decrease** the temperature.

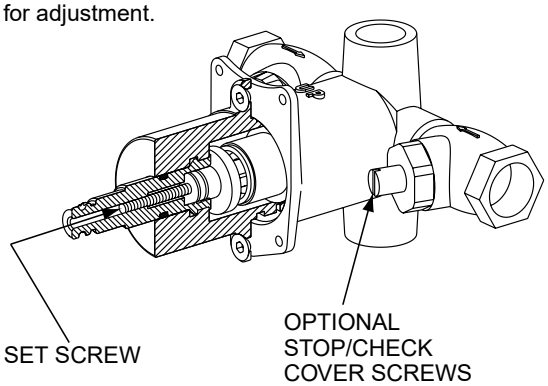
4. When the adjustment is complete, replace the handle and turn off the water.

NOTES: When replacing the double face seals, lubricate the top face with a small amount of lubricant when reassembling.

When assembling the valve cap into valve body, use lubricant on 125-154 O-ring to prevent twisting of O-ring.

If lubricant is not available, a slight film of soap may be used.

NOTE: The maximum temperature for this valve has been set to approximately 110° F with an incoming hot water temperature of 140° F. This maximum temperature may need to be adjusted based on the installation conditions or application. See Figure below for adjustment.



Valve Shown with Handle and Escutcheon Removed for Clarity

THERMOSTATIC MIXING VALVE - MODEL 803278
FOR INDIVIDUAL, ECONO-WALL, WALL SAVER & PANELON SHOWERS (APR `03 TO PRESENT)

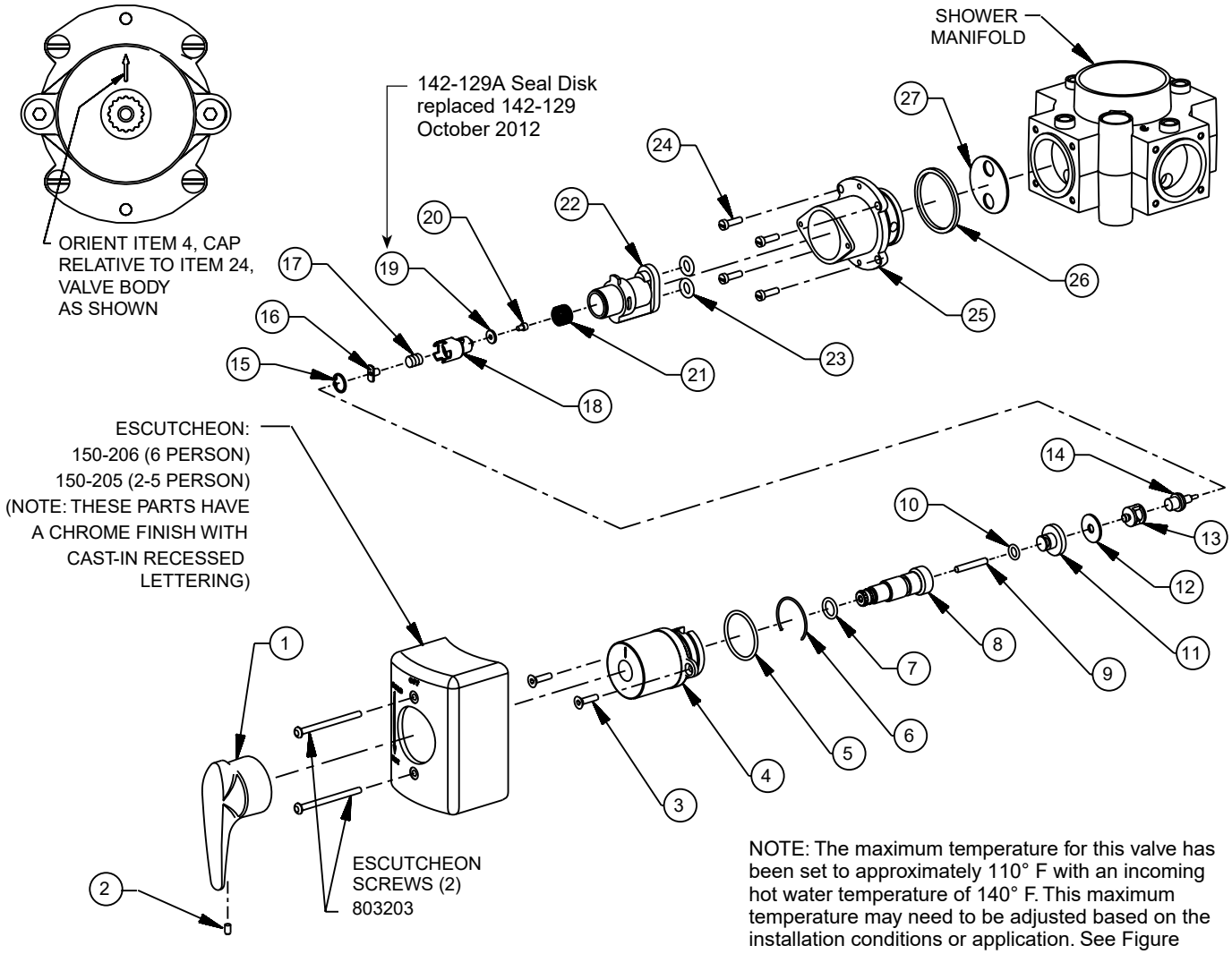
Item	Part No.	Description	Assembly	Thermostat Kit S65-257	Piston/Liner Kit S65-253	O-Ring/Seat Kit S65-252
				Quantity		
1	810129	Handle	1	—	—	—
2	810168	Set Screw 10-24 x 5/16	1	—	—	—
3	803256	Flat Screw 10-24 x 3/4	2	—	—	—
4	107-519	Cap, TMV-Shower	1	—	—	—
5	125-154	O-Ring	1	1	—	1
6	153-427	Retainer, Shower TMV	1	—	—	—
7	125-001CD	O-Ring	1	—	—	1
8	812005	Stem, Shower TMV	1	—	—	—
9	160-408	Set Screw 10-24 x 1-1/4	1	—	—	—
10	125-001CM	O-Ring	1	—	—	1
11	153-404	Holder-Shutoff Disk	1	—	—	1
12	142-112	Disk-Shutoff	1	—	—	1
13	153-406	Retainer-Shutoff Disk	1	—	—	1
14	S39-413	Thermostat	1	1	—	—
15	132-044	Retaining Ring	1	—	1	—
16	153-405	Retainer-Overheat Spring	1	—	1	—
17	135-085	Spring	1	—	1	—
18	119-245	Piston	1	—	1	—
19	142-129A	Seal Disk - Hot	1	—	1	—
20	160-407	Screw 6-32 x 3/16	1	—	1	—
21	135-074	Spring	1	—	1	—
22	144-065	Liner, TMV-Shower	1	—	1	—
23	125-155	O-Ring	2	—	2	2
24	118-144	Valve Body	1	—	—	—
25	812701	Stops (Optional)	2	—	—	—
26	300-0402	Foam Rim Seal (not shown)	1	—	—	—
27	153-462	Anti-Ligature Spacer	4	—	—	—
28	142-002BT	Lock Washer	4	—	—	—
29	128-179	Anti-Ligature Handle	1	—	—	—

Complete Valve Replacement/Retrofit Kit:

S65-254 Individual and Econowall Showers
S65-254A Panelon
S65-254B Wall Saver

NOTE: Above part numbers contain all parts necessary to replace/retrofit one station only. Customer must order proper amount of kits; example: Three S65-254 kits required for a 3W Econo-Wall Shower.

THERMOSTATIC MIXING VALVES
FOR COLUMN SHOWERS



NOTE: The maximum temperature for this valve has been set to approximately 110° F with an incoming hot water temperature of 140° F. This maximum temperature may need to be adjusted based on the installation conditions or application. See Figure below for adjustment.

To adjust the valve's temperature to other than the factory preset, follow the procedures outlined below.

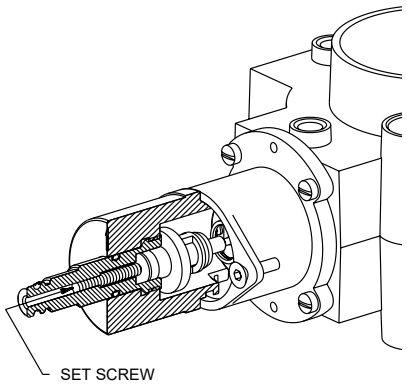
1. Turn on the water and let it run until 2.5 – 4 GPM is flowing through the valve.
2. Remove the handle and handle screw to expose the set screw inside the valve stem.
3. Using a 3/32" hex-head Allen key, turn the set screw counterclockwise to increase the temperature or clockwise to decrease the temperature.
4. When the adjustment is complete, replace the handle and turn off the water.

NOTE: When replacing the double face seals, lubricate the top face with a small amount of lubricant when reassembling.

When assembling the valve cap into valve body, use lubricant on 125-154

O-ring to prevent twisting of O-ring.

If lubricant is not available, a slight film of soap may be used.



Valve Shown with Handle and Escutcheon Removed for Clarity

THERMOSTATIC MIXING VALVE
FOR COLUMN SHOWERS

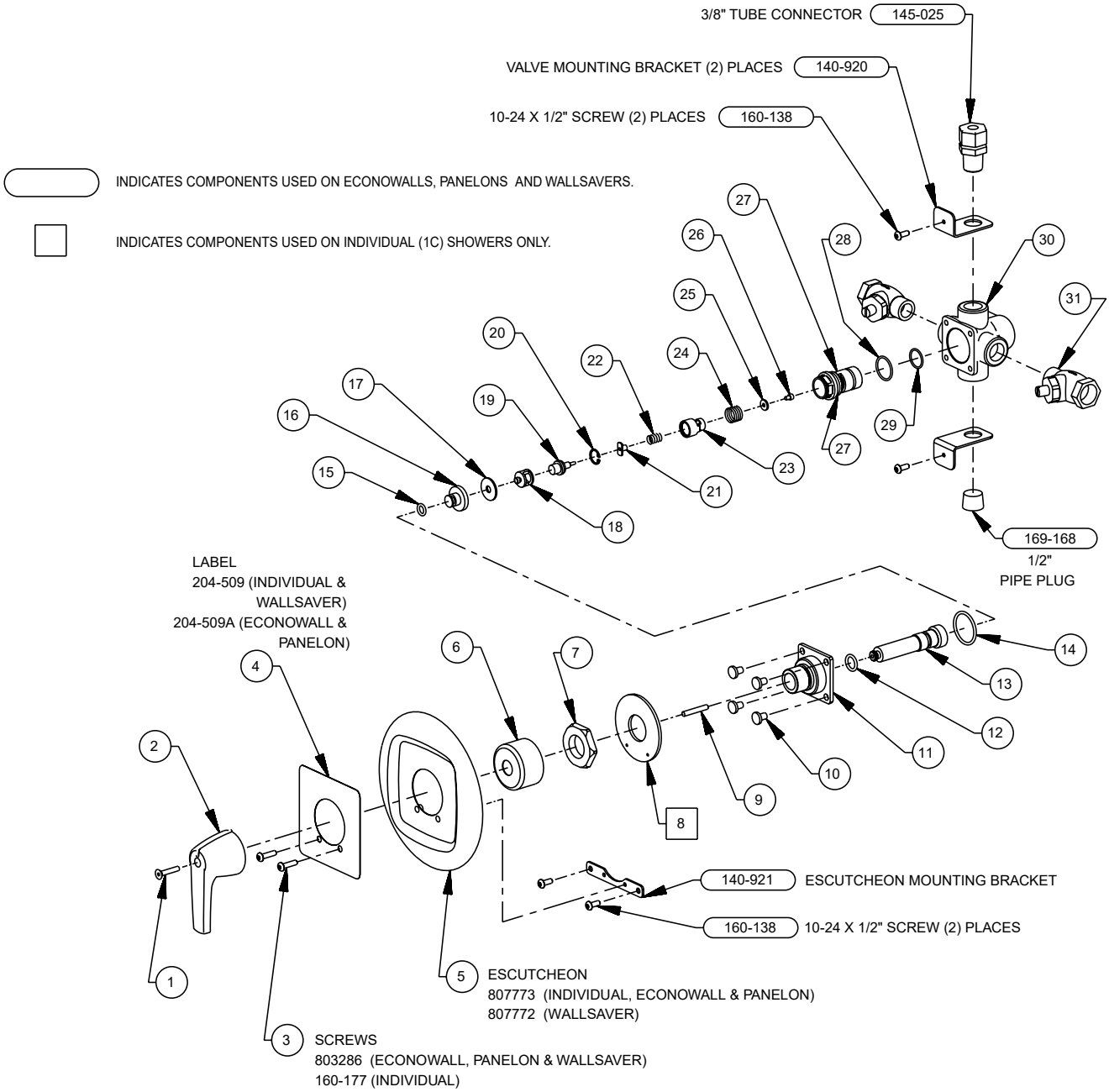
Item	Part No.	Description	Assy.	Thermostat Kit S65-257	Piston/Liner Kit S65-253	O-Ring/Seat Kit S65-252A
				Quantity		
1	810129	Handle	1	—	—	—
2	810168	Set Screw 10-24 x 5/16	1	—	—	—
3	803256	Flat Screw 10-24 x 3/4	2	—	—	—
4	107-519	Cap, TMV-Shower	1	—	—	—
5	125-154	O-Ring	1	1	—	1
6	153-427	Retainer, Shower TMV	1	—	—	—
7	125-001CD	O-Ring	1	—	—	1
8	812005	Stem, Shower TMV	1	—	—	—
9	160-408	Set Screw 10-24 x 1-1/4	1	—	—	—
10	125-001CM	O-Ring	1	—	—	1
11	153-404	Holder-Shutoff Disk	1	—	—	1
12	142-112	Disk-Shutoff	1	—	—	1
13	153-406	Retainer-Shutoff Disk	1	—	—	1
14	S39-413	Thermostat	1	1	—	—
15	132-044	Retaining Ring	1	—	1	—
16	153-405	Retainer-Overheat Spring	1	—	1	—
17	135-085	Spring	1	—	1	—
18	119-245	Piston	1	—	1	—
19	142-129A	Seal Disk - HOT	1	—	1	—
20	160-407	Screw 6-32 x 3/16	1	—	1	—
21	135-074	Spring	1	—	1	—
22	144-065	Liner, TMV-Shower	1	—	1	—
23	125-155	O-Ring	2	—	2	—
24	169-256	Screw	4	—	—	—
25	118-143	Valve Body	1	—	—	—
26	169-269	Gasket	1	—	—	1
27	125-001BS	Washer	1	—	—	1

Complete Valve Replacement/Retrofit Kit for columns:

S65-255 for 2-5 Person
S65-256 for 6-Person

NOTE: *Above part numbers contain all parts necessary to replace/retrofit one station only. Customer must order proper amount of kits; example: Five S65-255 kits required for a five person column.*

THERMOSTATIC MIXING VALVE - MODEL S59-2006
FOR INDIVIDUAL, ECONO-WALL, WALL SAVER & PANELON SHOWERS (2000 TO APR `03)



To adjust the valve's temperature to other than the factory preset, follow the procedures outlined below.

1. Turn on the water and let it run until 2.5 – 4 GPM is flowing through the valve.
2. Remove the shower valve handle and handle screw to expose the set screw inside the valve stem.
3. Using a 3/32" hex-head Allen key, turn the set screw counterclockwise to increase the temperature or clockwise to decrease the temperature.
4. When the adjustment is complete, replace the handle and turn off the water.

NOTE: The maximum temperature for this valve has been set to approximately 105° F with an incoming hot water temperature of 140° F. This maximum temperature may need to be adjusted based on the installation conditions or application.

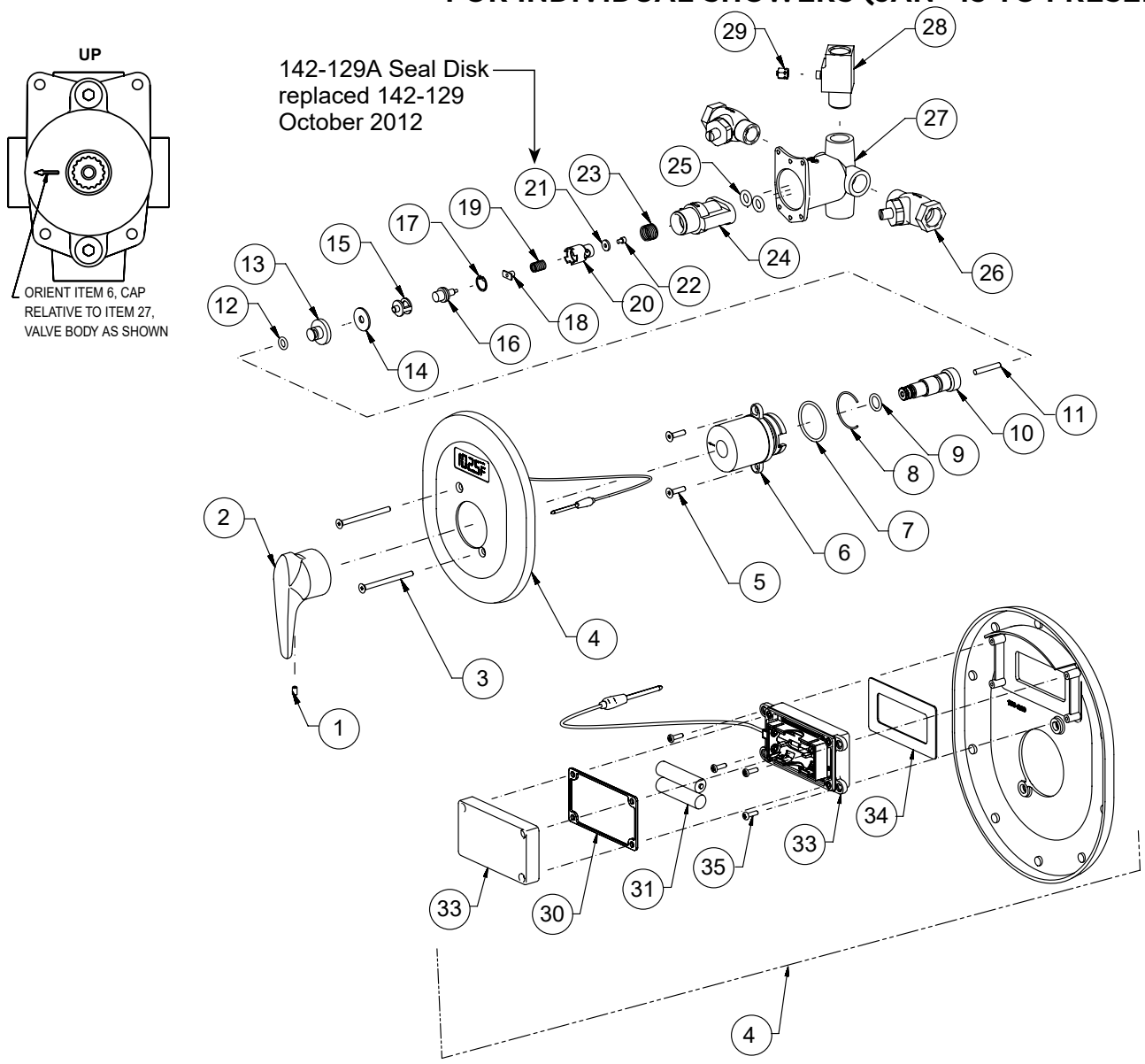
THERMOSTATIC MIXING VALVE - MODEL S59-2006
FOR INDIVIDUAL, ECONO-WALL, WALL SAVER & PANELON SHOWERS (2000 TO APR `03)

Item	Part No.	Description	Assembly S59-2006	Piston/Liner Kit S65-205	Cover Kit S65-206	Thermostat Kit S65-201	O-Ring/Seal Kit S65-202
			Qty				
1	803256	Flat Screw 10-24 x 3/4	1	—	—	—	—
2	128-078	Handle	1	—	—	—	—
3	160-177	BTN Screw 10-24 x 1-1/8	2	—	—	—	—
4	204-509	Label	1	—	—	—	—
5	807773	Escutcheon	1	—	—	—	—
6	803292	Cover	1	—	—	—	—
7	110-228A	Nut	1	—	1	—	—
8	142-113	Mounting Plate	1	—	1	—	—
9	160-408	Set Screw 10-24 x 1-1/4	1	—	1	—	—
10	160-392	Screw 1/4-20 x 3/8	4	—	1	—	—
11	107-504	Cap	1	—	1	—	—
12	125-001CD	O-Ring	1	—	1	—	1
13	120-148A	Stem, Shower TMV	1	—	1	—	—
14	125-109	O-Ring	1	—	1	—	1
15	125-001CM	O-Ring	1	—	—	1	1
16	153-404	Holder - Shutoff Disk	1	—	—	—	—
17	142-112	Shutoff Disk	1	—	—	—	—
18	153-406	Retainer - Shutoff Disk	1	—	—	—	—
19	S39-413	Thermostat	1	—	—	1	—
20	132-044	Retaining Ring	1	1	—	—	—
21	153-405	Retaining - Overheat Spring	1	1	—	—	—
22	135-085	Spring	1	1	—	—	—
23	119-236	Piston	1	1	—	—	—
24	135-074	Spring	1	1	—	—	—
25	142-129	Seal Disc - HOT	1	1	—	—	1
26	160-407	Screw 6-32 x 3/16	1	1	—	—	—
27	144-059	Liner	1	1	—	—	—
28	125-001DA	O-Ring	1	1	—	—	1
29	125-150	O-Ring	1	1	—	—	1
30	118-287	Valve Body	1	—	—	—	—
31	812701	Stops (Optional)	2	—	—	—	—

NOTES: _____

THERMOSTATIC MIXING VALVE - MODEL - S59-2005T1

FOR INDIVIDUAL SHOWERS (JAN `13 TO PRESENT)



To adjust the valve's temperature to other than the factory preset, follow the procedures outlined below.

1. Turn on the water and let it run until 2.5 – 4 GPM is flowing through the valve.

2. Remove the shower valve handle and handle screw to expose the set screw inside the valve stem.

3. Using a 3/32" hex-head Allen key, turn the set screw **counterclockwise** to **increase** the temperature or **clockwise** to **decrease** the temperature.

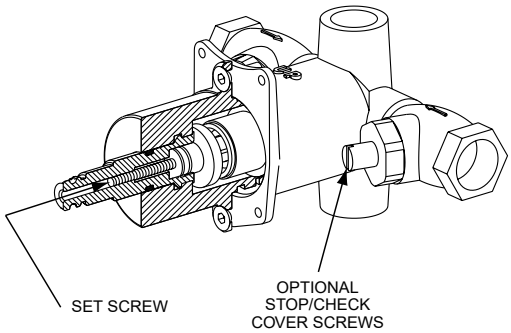
4. When the adjustment is complete, replace the handle and turn off the water.

NOTES: When replacing the double face seals, lubricate the top face with a small amount of lubricant when reassembling.

When assembling the valve cap into valve body, use lubricant on 125-154 O-ring to prevent twisting of O-ring.

If lubricant is not available, a slight film of soap may be used.

NOTE: The maximum temperature for this valve has been set to approximately 110° F with an incoming hot water temperature of 140° F. This maximum temperature may need to be adjusted based on the installation conditions or application. See Figure below for adjustment.



Valve Shown with Handle and Escutcheon Removed for Clarity

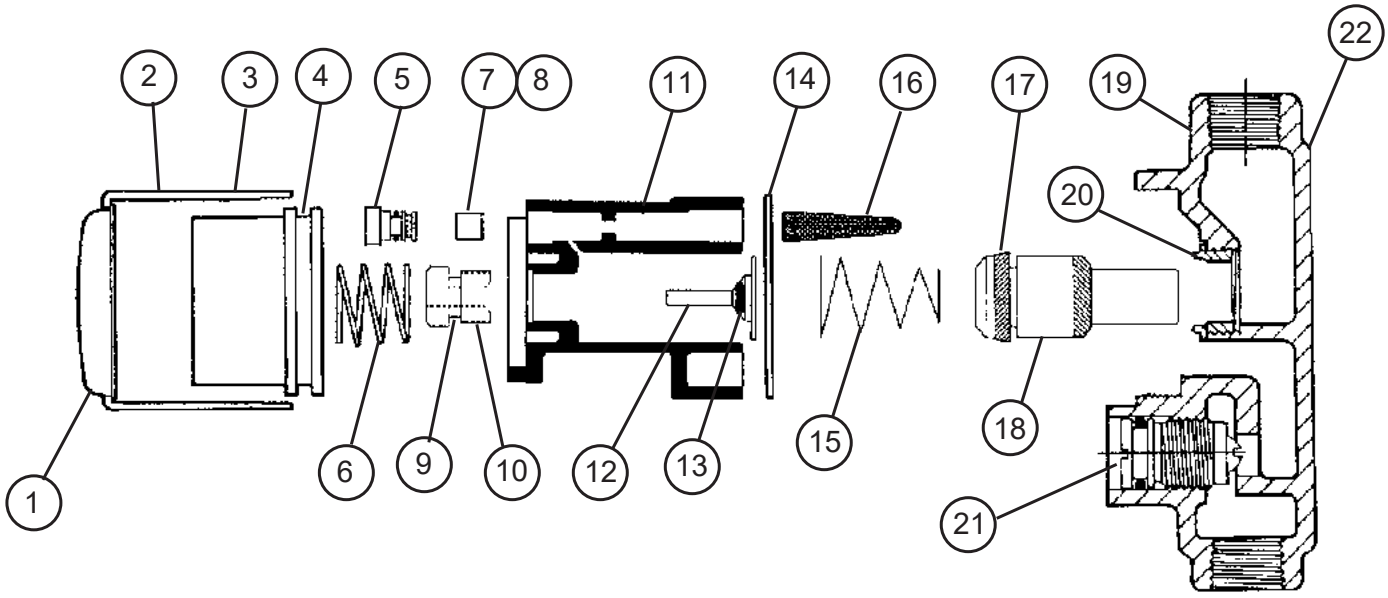
THERMOSTATIC MIXING VALVE - MODEL - S59-2005T1

FOR INDIVIDUAL SHOWERS (JAN `13 TO PRESENT)

Item	Part No.	Description	Assembly	Thermostat Kit S65-257	Piston/Liner Kit S65-253	O-Ring/Seat Kit S65-252	Display Repair Kit S65-382
				Quantity			
1	810168	Set Screw 10-24 x 5/16	1	—	—	—	—
2	810129	Handle	1	—	—	—	—
3	160-386	Screw	2	—	—	—	—
4	S74-020	Escutcheon Assembly w/ Display	1	—	—	—	—
5	803256	Flat Screw 10-24 x 3/4	2	—	—	—	—
6	107-519	Cap, TMV-Shower	1	—	—	—	—
7	125-154	O-Ring	1	1	—	1	—
8	153-427	Retainer, Shower TMV	1	—	—	—	—
9	125-001CD	O-Ring	1	—	—	1	—
10	812005	Stem, Shower TMV	1	—	—	—	—
11	160-408	Set Screw 10-24 x 1-1/4	1	—	—	—	—
12	125-001CM	O-Ring	1	—	—	1	—
13	153-404	Holder-Shutoff Disk	1	—	—	1	—
14	142-112	Disk-Shutoff	1	—	—	1	—
15	153-406	Retainer-Shutoff Disk	1	—	—	1	—
16	S39-413	Thermostat	1	1	—	—	—
17	132-044	Retaining Ring	1	—	1	—	—
18	153-405	Retainer-Overheat Spring	1	—	1	—	—
19	135-085	Spring	1	—	1	—	—
20	119-245	Piston	1	—	1	—	—
21	142-129A	Seal Disk - Hot	1	—	1	—	—
22	160-407	Screw 6-32 x 3/16	1	—	1	—	—
23	135-074	Spring	1	—	1	—	—
24	144-065	Liner, TMV-Shower	1	—	1	—	—
25	125-155	O-Ring	2	—	2	2	—
26	812701	Stops (Optional)	2	—	—	—	—
27	118-144	Valve Body	1	—	—	—	—
28	269-2092	Tee-Probe (Includes 269-2096)	1	—	—	—	—
29	269-2096	Sleeve/Nut Assembly	1	—	—	—	1
30	269-2081	Gasket - Display	1	—	—	—	—
31	261-013	Battery (AAA) 2 Pack	1	—	—		—
32	124-089	Foam Rim Seal (not shown)	1	—	—	—	—
33	269-2076	Temperature Display	—	—	—	—	1
34	124-088	Gasket - Temperature Display	—	—	—	—	1
35	160-478	Screw 4-40 x 3/8	—	—	—	—	4

NOTES: _____

TOUCH `N FLO SHOWER VALVE, CURRENT VERSION



*** Note:**

Item #10 includes 801781 O-Ring

Item #12 includes 125-001EF O-Ring

Item #18 includes 125-049 Cup Washer

May consider plunger assembly 814362 if extreme low water pressure condition exists.

NOTE: Lubricate "U" cup (Item 17) on plunger with Parker "O" Lube (S45-125). Apply thin coat all around I.D. - 1" deep. Do not use spray silicone or petroleum based lubricants on components.

Escutcheon & Screws (Not Shown) must be ordered separately as follows:

150-033	Escutcheon 6-Person Column Shower
807148	Escutcheon 2-5 Person Column Shower
807149	Escutcheon Screw — 1 required
807465	Escutcheon for all other Showers
807466	Escutcheon Screw — 2 required
807467	Wall Plate for Individual Shower
807468	Wall Plate Screw — 2 required

ATLANTIC COASTAL SUPPLY INC.
ACSPARTS.NET (800) 520 - 0556

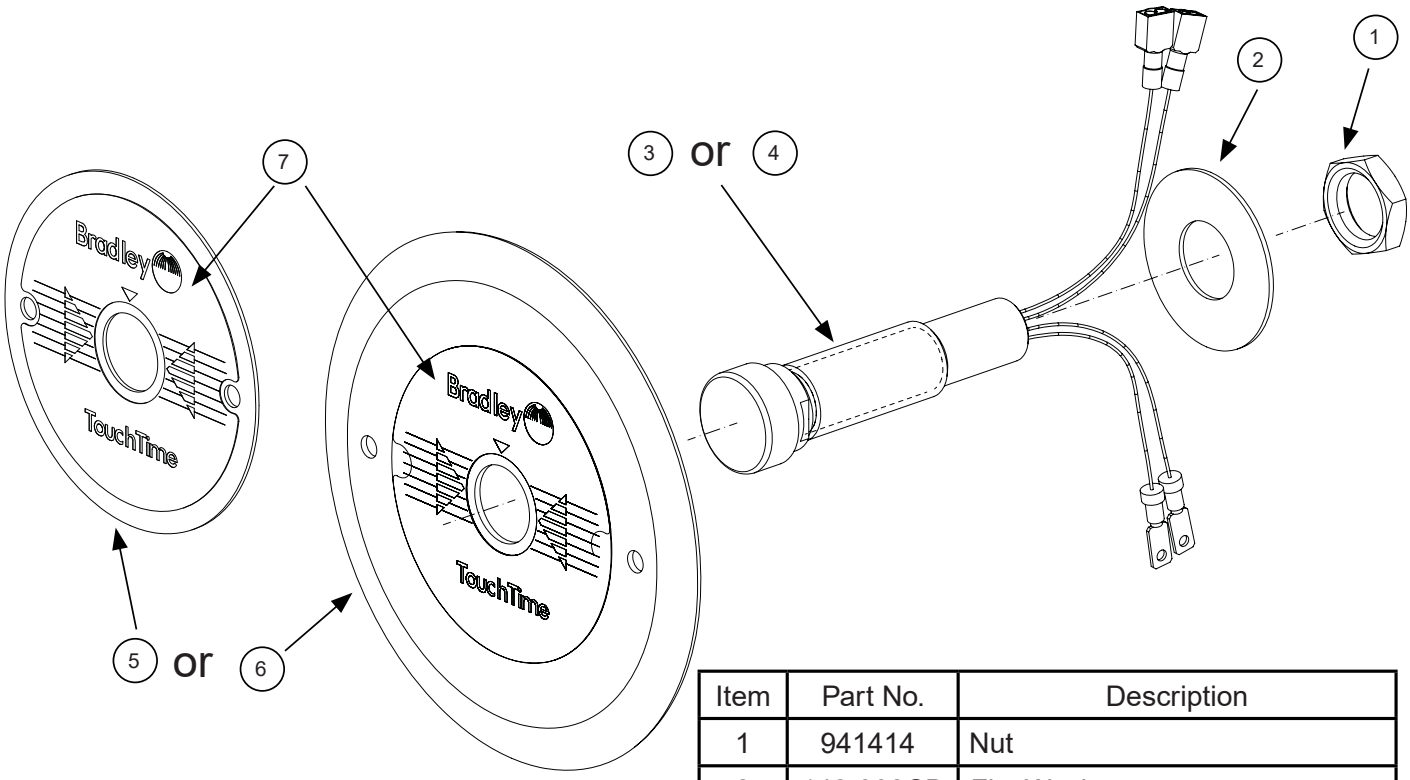
TOUCH `N FLO SHOWER VALVE, CURRENT VERSION

Item	Part No.	Description	Assembly	Complete Valve Kit • 814361	Body Assembly Kit 800063	Repair Kit 809120	Repair Kit 806182
			Qty				
1	806183	Push Button	1	1	—	—	—
2	806184	Cover 1-5/8" Long	1	1	—	—	—
3	803231	Cover (Indiv. Only) 2-3/4" Long	1	—	—	—	—
4	803232	Spacer (Indiv. Only)	1	—	—	—	—
5	807326	Screw Assembly	1	1••	1••	1••	—
6	806951	Spring	1	1	—	—	—
7	807496	Standard Fixed Orifice Assembly	1	1••	1••	1••	1
8	816247	Longer Cycle Orifice Assembly	1	—	—	—	—
9	801781	O-Ring	1	—	—	—	—
10	803233 *	Guide	1	1••	1••	1••	—
11	807325	Body	1	1••	1••	1••	—
12	807497 *	Poppet Assembly	1	1	1	1	—
13	125-001EF	O-Ring	1	—	—	—	1
14	807110	Gasket	1	—	—	—	1
15	807498	Conical Spring	1	1	—	1	1
16	807499	Filter	1	1••	1••	1••	1
17	125-078	U-Cup (Viton,Brown)	1	—	—	—	—
18	809129	Plunger Assembly	1	1		1	1
19	000569	Bottom Body	1	—	—	—	—
20	807111	Seat (Assemble with Teflon Dope)	1	—	—		
21	807109	Internal Stop Core	1			—	—
22	000628*	Bottom Body Assembly	—	—	—	—	—
	S45-125	Parker "O" Lube	1	—	1	1	1
	215-717	Instruction Sheet	—	1	—	—	—

NOTE: Lubricate "U" cup (Item 17) on plunger with Parker "O" Lube (S45-125). Apply thin coat all around I.D. - 1" deep. Do not use spray silicone or petroleum based lubricants on components.

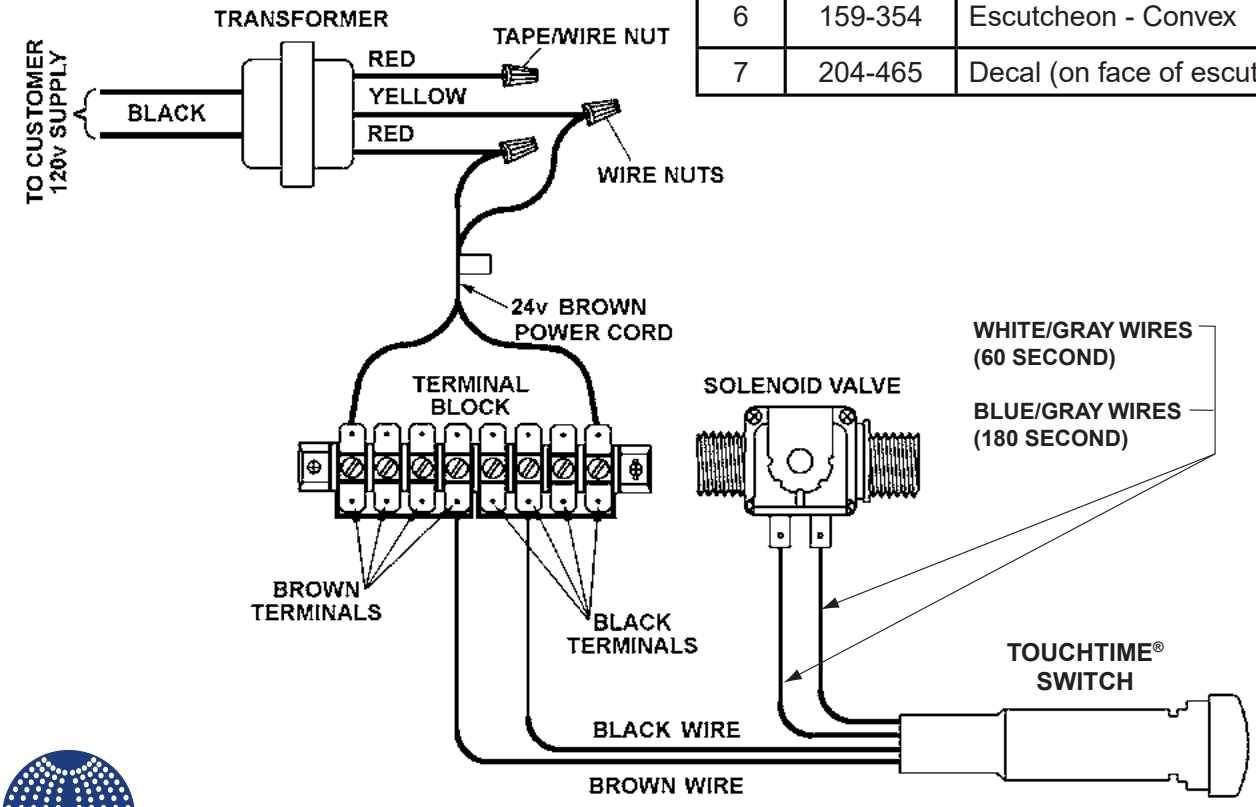
NOTE: • Repair kit 814361 applies to the "Short Cover" valve version only.
•• These components part of assembly S73-046.

NOTES: _____

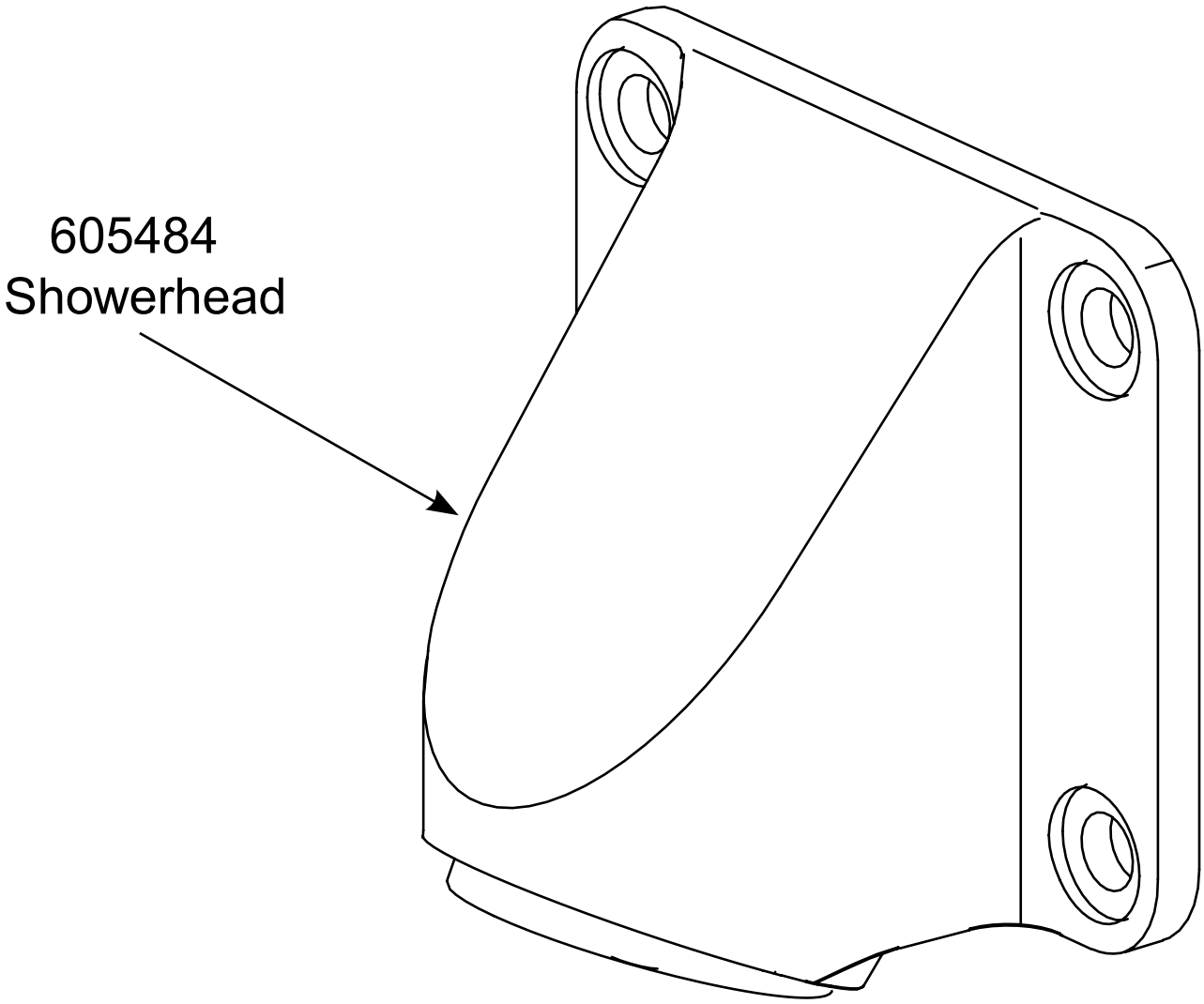


Wiring Diagram

Item	Part No.	Description
1	941414	Nut
2	142-002CB	Flat Washer
3	S83-128	Switch Assembly - 60 Second
4	S83-128F	Switch Assembly - 180 Second
5	159-400	Escutcheon - Flat
6	159-354	Escutcheon - Convex
7	204-465	Decal (on face of escutcheon)



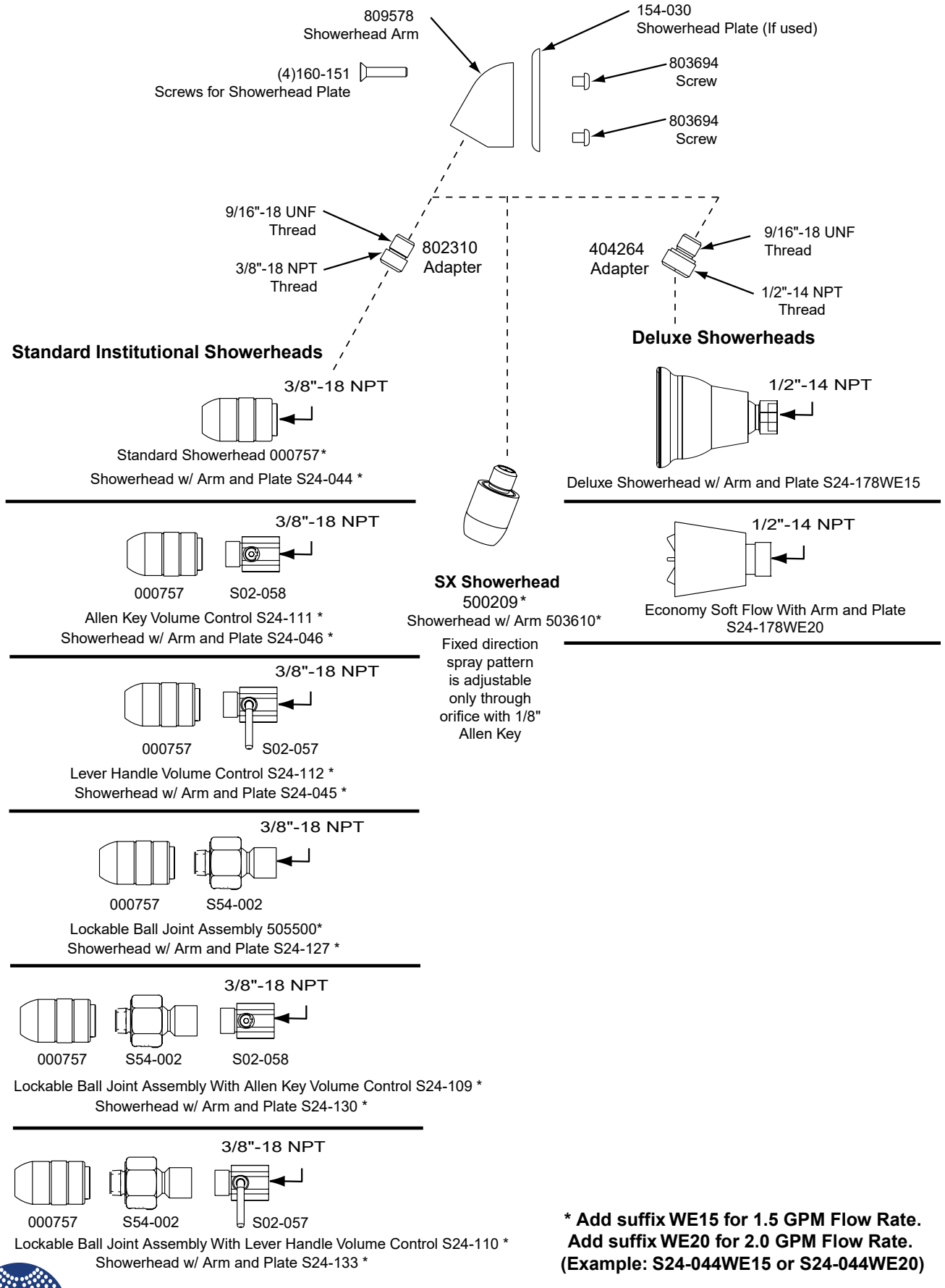
LIGATURE RESISTANT SHOWERHEAD



Shower head Type	Part No.	Max. Flow Rate @ 80 ±2 psi	Min. Flow Rate @ 45 ±2 psi Shower heads listed for use with automatic compensating valves rated at (see values below) or less
Ligature Resistant (AS)	605484	2.0 gpm (7.6 L/min)	1.7 gpm (6.6 L/min)

NOTES: _____

1C SHOWERHEADS



*** Add suffix WE15 for 1.5 GPM Flow Rate.**
Add suffix WE20 for 2.0 GPM Flow Rate.
(Example: S24-044WE15 or S24-044WE20)

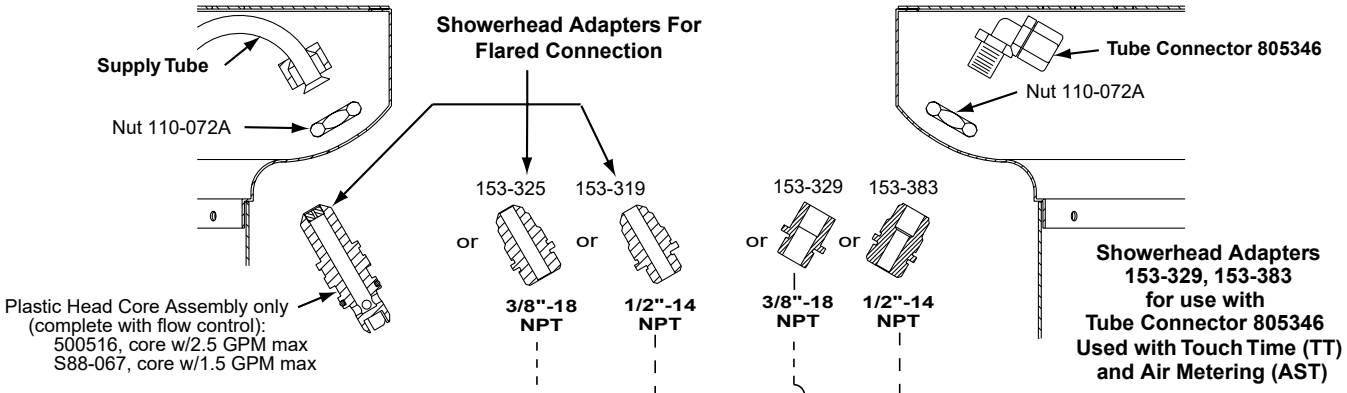
1C SHOWERHEADS

Shower head Type	Part No.	Max. Flow Rate @ 80 ±2 psi	Min. Flow Rate @ 45 ±2 psi Shower heads listed for use with automatic compensating valves rated at (see values below) or less
Standard Institutional (S)	000757*	2.5 gpm (9.5 L/min)	2 gpm (7.6 L/min)
	S24-008WE15	1.5 gpm (5.7 L/min)	1.4 gpm (5.3 L/min)
Standard Institutional with Lockable Ball Joint (S-LBJ)	505500*	2.5 gpm (9.5 L/min)	2.1 gpm (8.3 L/min)
	S24-108WE15	1.5 gpm (5.7 L/min)	1.4 gpm (5.3 L/min)
Standard Institutional with Lever Handle Volume Control (S-LHV)	S24-112*	2.5 gpm (9.5 L/min)	2.2 gpm (8.3 L/min)
	S24-112WE15	1.5 gpm (5.7 L/min)	1.4 gpm (5.3 L/min)
Standard Institutional with Allen Key Volume Control (S-AKV)	S24-111*	2.5 gpm (9.5 L/min)	1.7 gpm (6.4 L/min)
	S24-111WE15	1.5 gpm (5.7 L/min)	1.3 gpm (4.9 L/min)
Standard Institutional with Allen Key Volume Control and Lockable Ball Joint (S-AKV-LBJ)	S24-109*	2.5 gpm (9.5 L/min)	2.1 gpm (8.0 L/min)
	S24-109WE15	1.5 gpm (5.7 L/min)	1.3 gpm (4.9 L/min)
Standard Institutional with Lever Handle Volume Control and Lockable Ball Joint (S-LHV-LBJ)	S24-110*	2.5 gpm (9.5 L/min)	2.2 gpm (8.3 L/min)
	S24-110WE15	1.5 gpm (5.7 L/min)	1.3 gpm (4.9 L/min)
Deluxe (SF)	S24-178WE15	1.5 gpm (5.7 L/min)	1.3 gpm (4.9 L/min)
Economy Soft Flow with Ball Joint (ES)	269-919*	2.5 gpm (9.5 L/min)	2.1 gpm (8.0 L/min)
	269-2544	2.0 gpm (7.6 L/min)	1.3 gpm (4.9 L/min)
Severe Service (SX)	500209*	2.5 gpm (9.5 L/min)	2.4 gpm (9.1 L/min)
	S24-161WE15	1.5 gpm (5.7 L/min)	1.4 gpm (5.3 L/min)

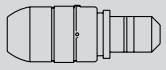
* 2.5 GPM flow rate does not meet California Energy Commission 20 CCR T.20, Div. 2, 1601-1609.

NOTES:

COLUMN SHOWER & WALL SAVER SHOWERHEADS
PRIOR TO APRIL `11 (WALL SAVER® SHOWERHEADS ONLY)



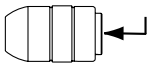
Standard Institutional Showerheads



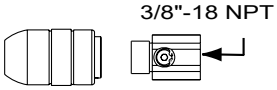
Vandal Resistant

For vandal prone areas, substitute 000757 and 153-325 in place of 500034

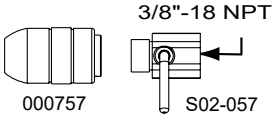
Plastic Showerhead Assembly 500034*



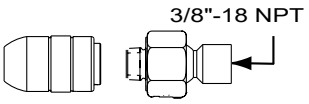
Standard Showerhead 000757*



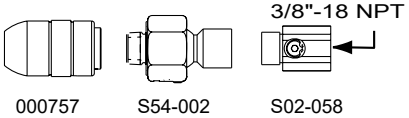
Allen Key Volume Control S24-111 *



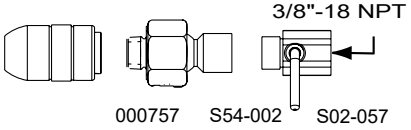
Lever Handle Volume Control S24-112 *



Lockable Ball Joint Assembly S24-108 *



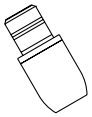
Lockable Ball Joint Assembly With Allen Key Volume Control S24-109 *



Lockable Ball Joint Assembly With Lever Handle Volume Control S24-110 *

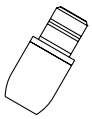
SX Showerhead

Fixed direction spray pattern is adjustable only through orifice with 1/8" Allen Key



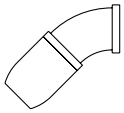
SX Showerhead
Includes adaptor and flow Control 606620 *

(For use with Flared Connection Supply Tubes)



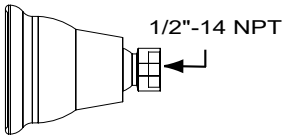
SX Showerhead
1/4"-18 NPT Threaded Connector, includes adaptor and flow Control S24-140 *

(For use with Tube Connector 805346)

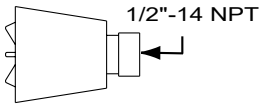


Beach Shower Foot Spray S24-092

Deluxe Showerhead



1.5GPM Deluxe Showerhead 269-2061



2.0 GPM Economy Soft Flow with Ball Joint 269-2544

*** Add suffix WE15 for 1.5 GPM Flow.**
Add suffix WE20 for 2.0 GPM Flow.
(Example: S24-111WE15 or S24-111WE20)

COLUMN SHOWER & WALL SAVER SHOWERHEADS

PRIOR TO APRIL `11 (WALL SAVER® SHOWERHEADS ONLY)

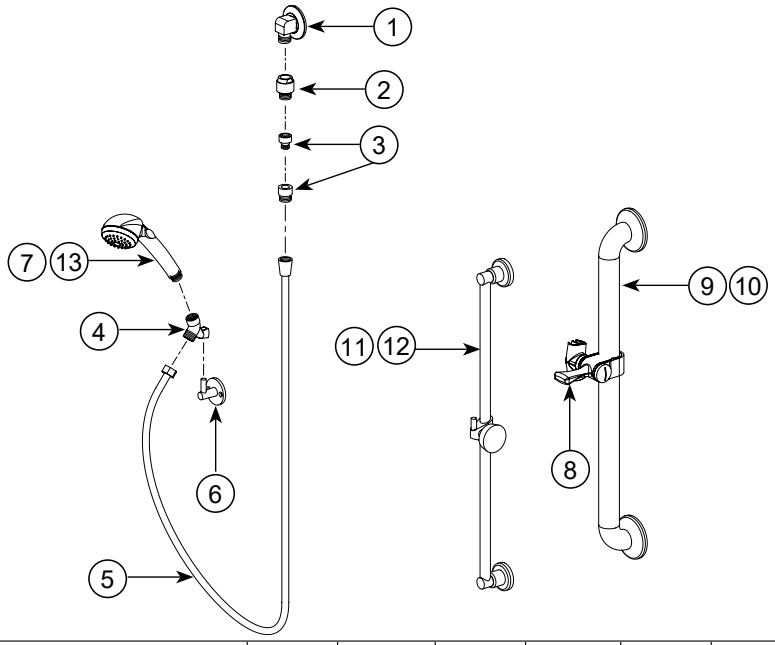
Shower head Type	Part No.	Max. Flow Rate @ 80 ±2 psi	Min. Flow Rate @ 45 ±2 psi Shower heads listed for use with automatic compensating valves rated at (see values below) or less
Standard Institutional (S)	000757*	2.5 gpm (9.5 L/min)	2 gpm (7.6 L/min)
	S24-008WE15	1.5 gpm (5.7 L/min)	1.4 gpm (5.3 L/min)
	S24-008WE20	2.0 gpm (7.6 L/min)	1.7 gpm (6.6 L/min)
Standard Institutional (S) (Plastic Showerhead Assembly)	500034*	2.5 gpm (9.5 L/min)	2 gpm (7.6 L/min)
	S24-072WE15	1.5 gpm (5.7 L/min)	1.4 gpm (5.3 L/min)
	S24-072WE20	2.0 gpm (7.6 L/min)	1.7 gpm (6.6 L/min)
Standard Institutional with Lockable Ball Joint (S-LBJ)	505500*	2.5 gpm (9.5 L/min)	2.1 gpm (8.3 L/min)
	S24-108WE15	1.5 gpm (5.7 L/min)	1.4 gpm (5.3 L/min)
	S24-108WE20	2.0 gpm (7.6 L/min)	1.7 gpm (6.6 L/min)
Standard Institutional with Lever Handle Volume Control (S-LHV)	S24-112*	2.5 gpm (9.5 L/min)	2.2 gpm (8.3 L/min)
	S24-112WE15	1.5 gpm (5.7 L/min)	1.4 gpm (5.3 L/min)
	S24-112WE20	2.0 gpm (7.6 L/min)	1.7 gpm (6.6 L/min)
Standard Institutional with Allen Key Volume Control (S-AKV)	S24-111*	2.5 gpm (9.5 L/min)	1.7 gpm (6.4 L/min)
	S24-111WE15	1.5 gpm (5.7 L/min)	1.3 gpm (4.9 L/min)
	S24-111WE20	2.0 gpm (7.6 L/min)	1.7 gpm (6.6 L/min)
Standard Institutional with Allen Key Volume Control and Lockable Ball Joint (S-AKV-LBJ)	S24-109*	2.5 gpm (9.5 L/min)	2.1 gpm (8.0 L/min)
	S24-109WE15	1.5 gpm (5.7 L/min)	1.3 gpm (4.9 L/min)
	S24-109WE20	2.0 gpm (7.6 L/min)	1.7 gpm (6.6 L/min)
Standard Institutional with Lever Handle Volume Control and Lockable Ball Joint (S-LHV-LBJ)	S24-110*	2.5 gpm (9.5 L/min)	2.2 gpm (8.3 L/min)
	S24-110WE15	1.5 gpm (5.7 L/min)	1.3 gpm (4.9 L/min)
	S24-110WE20	2.0 gpm (7.6 L/min)	1.7 gpm (6.6 L/min)
Deluxe (SF)	269-2061	1.5 gpm (5.7 L/min)	1.3 gpm (4.9 L/min)
Economy Soft Flow with Ball Joint (ES)	269-2544	2.0 gpm (7.6 L/min)	1.7 gpm (6.6 L/min)
Severe Service (SX) (Copper Flared Connection)	606620*	2.5 gpm (9.5 L/min)	2.4 gpm (9.1 L/min)
	S24-090WE15	1.5 gpm (5.7 L/min)	1.4 gpm (5.3 L/min)
	S24-090WE20	2.0 gpm (7.6 L/min)	1.7 gpm (6.6 L/min)
Severe Service (SX) (Plastic Tube Connection)	S24-140*	2.5 gpm (9.5 L/min)	2.4 gpm (9.1 L/min)
	S24-140WE15	1.5 gpm (5.7 L/min)	1.4 gpm (5.3 L/min)
	S24-140WE20	2.0 gpm (7.6 L/min)	1.7 gpm (6.6 L/min)

* 2.5 GPM flow rate does not meet California Energy Commission 20 CCR T.20, Div. 2, 1601-1609.

NOTES: _____

HAND HELD SHOWER

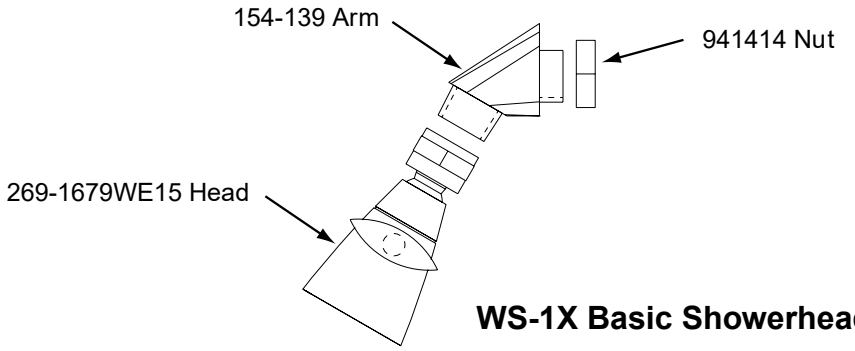
Shower head Type	Part No.	**Min. Flow Rate @ 45 ±2 psi** Shower heads listed for use with automatic compensating valves rated at (see values below) or less
Hand Shower	269-2063	1.8 gpm (7.1 L/min)
Hand Shower	269-2062	1.4 gpm (5.3 L/min)



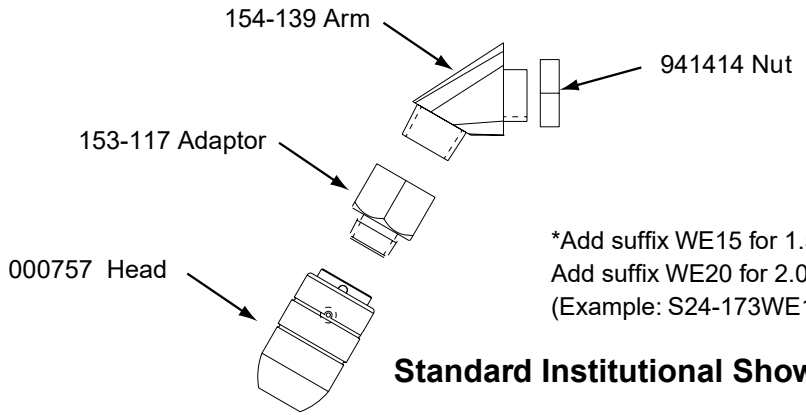
Item	Part No.	Description	Prepack S30-035	Prepack S30-035WE15	Prepack S30-067	Prepack S30-067WE15	Prepack S30-091	Prepack S30-091WE15	Prepack S30-093	Prepack S30-093WE15
			Qty							
1	169-941	Supply Elbow w / Flange - HN	1	1	1	1	1	1	1	1
2	169-988	Back Flow Preventer	1	1	1	1	1	1	1	1
3	801123	Quick Connector	1	1	1	1	-	-	-	-
4	801193	Swivel Connector	1	1	1	1	1	1	1	1
5	169-937	S.S. Flex Hose - 60"	1	1	1	1	1	1	1	1
6	169-949	Wall Mount for Hand Shower	-	-	1	1	-	-	1	1
7	269-2063	Hand Shower 2.5 GPM/9.4 LPM	1	-	1	-	1	-	1	-
8	269-1998	Grab Bar Mount	-	-	-	-	-	-	-	-
9	S84-048	Grab Bar 24"	-	-	-	-	-	-	-	-
10	S84-532	Grab Bar 36"	-	-	-	-	-	-	-	-
11	169-938	Deluxe Slide Bar 24"	1	1	-	-	1	1	-	-
12	169-1103	Deluxe Slide Bar 30"	-	-	-	-	-	-	-	-
13	269-2062	Hand Shower 1.5 GPM/5.7 LPM	-	1	-	1	-	1	-	1

Item	Part No.	Description	Prepack S30-105	Prepack S30-105WE15	Prepack S30-106	Prepack S30-106WE15	Prepack S30-114	Prepack S30-114WE15	Prepack S30-115	Prepack S30-115WE15
			Qty							
1	169-941	Supply Elbow w / Flange - HN	1	1	1	1	1	1	1	1
2	169-988	Back Flow Preventer	1	1	1	1	1	1	1	1
3	801123	Quick Connector	-	-	-	-	1	1	-	-
4	801193	Swivel Connector	-	-	-	-	1	1	1	1
5	169-937	S.S. Flex Hose - 60"	1	1	1	1	1	1	1	1
6	169-949	Wall Mount for Hand Shower	-	-	-	-	-	-	-	-
7	269-2063	Hand Shower 2.5 GPM/9.4 LPM	1	-	1	-	1	-	1	-
8	269-1998	Grab Bar Mount	1	1	1	1	-	-	-	-
9	S84-048	Grab Bar 24"	1	1	-	-	-	-	-	-
10	S84-532	Grab Bar 36"	-	-	1	1	-	-	-	-
11	169-938	Deluxe Slide Bar 24"	-	-	-	-	-	-	-	-
12	169-1103	Deluxe Slide Bar 30"	-	-	-	-	1	1	1	1
13	269-2062	Hand Shower 1.5 GPM/5.7 LPM	-	1	-	1	-	1	-	1

WS-1X SHOWERHEADS

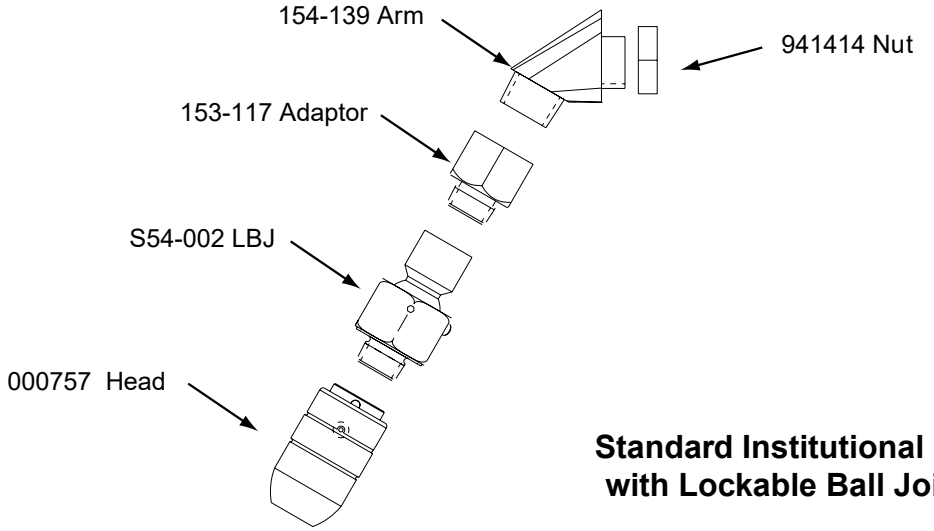


WS-1X Basic Showerhead S24-172WE15



*Add suffix WE15 for 1.5 GPM Flow.
Add suffix WE20 for 2.0 GPM Flow
(Example: S24-173WE15 or S24-173WE20)

Standard Institutional Showerhead S24-173 *



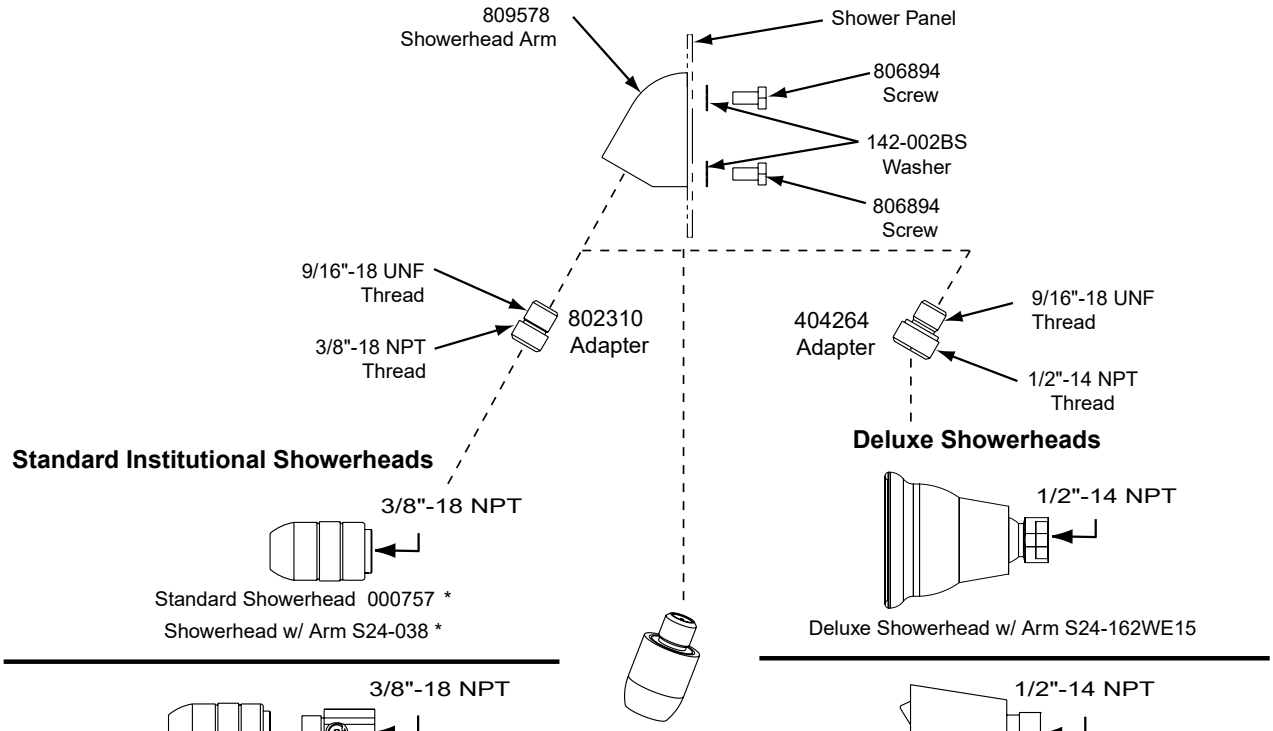
Standard Institutional Showerhead with Lockable Ball Joint S24-174 *

Shower head Type	Part No.	Max. Flow Rate @ 80 ±2 psi	Min. Flow Rate @ 45 ±2 psi Shower heads listed for use with automatic compensating valves rated at (see values below) or less
Brass (BS)	S24-172WE15	1.5 gpm (5.7 L/min)	1.4 gpm (5.3 L/min)
Standard Institutional (S)	S24-173*	2.5 gpm (9.5 L/min)	2 gpm (7.6 L/min)
	S24-173WE15	1.5 gpm (5.7 L/min)	1.4 gpm (5.3 L/min)
	S24-173WE20	2.0 gpm (7.6 L/min)	1.7 gpm (6.6 L/min)
Standard Institutional with Lockable Ball Joint (S-LBJ)	S24-174*	2.5 gpm (9.5 L/min)	2.1 gpm (7.9 L/min)
	S24-174WE15	1.5 gpm (5.7 L/min)	1.4 gpm (5.3 L/min)
	S24-174WE20	2.0 gpm (7.6 L/min)	1.7 gpm (6.6 L/min)

* 2.5 GPM flow rate does not meet California Energy Commission 20 CCR T.20, Div. 2, 1601-1609.

SXWS SECURITY SHOWERHEADS (APR `11 TO PRESENT)

FOR 1WCA; ECONOWALL™ (2W & 3W); 1F, 1K, PANELON®; WALL SAVER®



*** Add suffix WE15 for 1.5 GPM Flow.**
Add suffix WE20 for 2.0 GPM Flow
(Example: S24-038WE15 or S24-038WE20

SXWS SECURITY SHOWERHEADS (APR `11 TO PRESENT)

FOR 1WCA; ECONOWALL™ (2W & 3W); 1F, 1K, PANELON®; WALL SAVER®

Shower head Type	Part No.	Max. Flow Rate @ 80 ±2 psi	Min. Flow Rate @ 45 ±2 psi Shower heads listed for use with automatic compensating valves rated at (see values below) or less
Standard Institutional (S)	S24-038*	2.5 gpm (9.5 L/min)	2 gpm (7.6 L/min)
	503310	1.5 gpm (5.7 L/min)	1.4 gpm (5.3 L/min)
	S24-038WE20	2.0 gpm (7.6 L/min)	1.7 gpm (6.6 L/min)
Standard Institutional with Lockable Ball Joint (S-LBJ)	S24-116*	2.5 gpm (9.5 L/min)	2.1 gpm (7.9 L/min)
	S24-116WE15	1.5 gpm (5.7 L/min)	1.4 gpm (5.3 L/min)
	S24-116WE20	2.0 gpm (7.6 L/min)	1.7 gpm (6.6 L/min)
Standard Institutional with Lever Handle Volume Control (S-LHV)	S24-039*	2.5 gpm (9.5 L/min)	2.2 gpm (8.3 L/min)
	S24-039WE15	1.5 gpm (5.7 L/min)	1.4 gpm (5.3 L/min)
	S24-039WE20	2.0 gpm (7.6 L/min)	1.7 gpm (6.6 L/min)
Standard Institutional with Allen Key Volume Control (S-AKV)	S24-040*	2.5 gpm (9.5 L/min)	1.7 gpm (6.4 L/min)
	S24-040WE15	1.5 gpm (5.7 L/min)	1.3 gpm (4.9 L/min)
	S24-040WE20	2.0 gpm (7.6 L/min)	1.7 gpm (6.6 L/min)
Standard Institutional with Allen Key Volume Control and Lockable Ball Joint (S-AKV-LBJ)	S24-118*	2.5 gpm (9.5 L/min)	2.1 gpm (8.0 L/min)
	S24-118WE15	1.5 gpm (5.7 L/min)	1.3 gpm (4.9 L/min)
	S24-118WE20	2.0 gpm (7.6 L/min)	1.7 gpm (6.6 L/min)
Standard Institutional with Lever Handle Volume Control and Lockable Ball Joint (S-LHV-LBJ)	S24-120*	2.5 gpm (9.5 L/min)	2.2 gpm (8.3 L/min)
	S24-120WE15	1.5 gpm (5.7 L/min)	1.3 gpm (4.9 L/min)
	S24-120WE20	2.0 gpm (7.6 L/min)	1.7 gpm (6.6 L/min)
Deluxe (SF)	S24-162WE15	1.5 gpm (5.7 L/min)	1.3 gpm (4.9 L/min)
Economy Soft Flow with Ball Joint (ES)	S24-162WE20	2.0 gpm (7.6 L/min)	1.7 gpm (6.6 L/min)
Severe Service (SX) (Copper Flared Connection)	806891*	2.5 gpm (9.5 L/min)	2.4 gpm (9.1 L/min)
	S24-086WE15	1.5 gpm (5.7 L/min)	1.4 gpm (5.3 L/min)
	S24-086WE20	2.0 gpm (7.6 L/min)	1.7 gpm (6.6 L/min)
Axis (B)	S24-179WE15	1.5 gpm (5.7 L/min)	1.4 gpm (5.3 L/min)

* 2.5 GPM flow rate does not meet California Energy Commission 20 CCR T.20, Div. 2, 1601-1609.

NOTES: _____

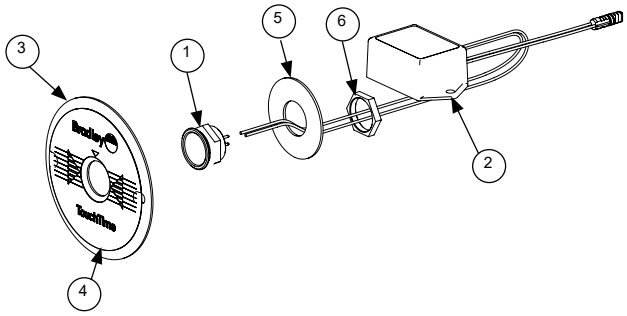
TOUCHTIME® - DC

MODELS: HN200, HN200-T24, HN250, HN250-T24 & HN250-BF

⚠ WARNING The TouchTime activation must be connected with a 12V DC plug in adapter. Connections to 110 VAC can cause personal injury and will result in damage to the electronics.

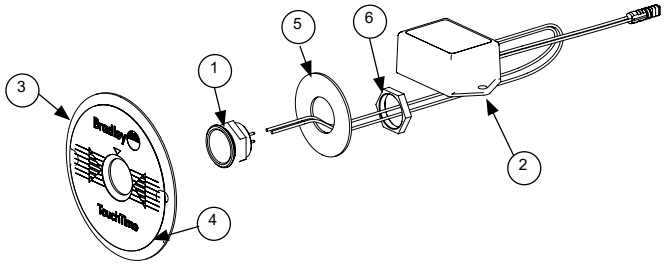
Activation of the pushbutton takes place only when it is released, thereby preventing "hold open" activation.

Mechanical Pushbutton



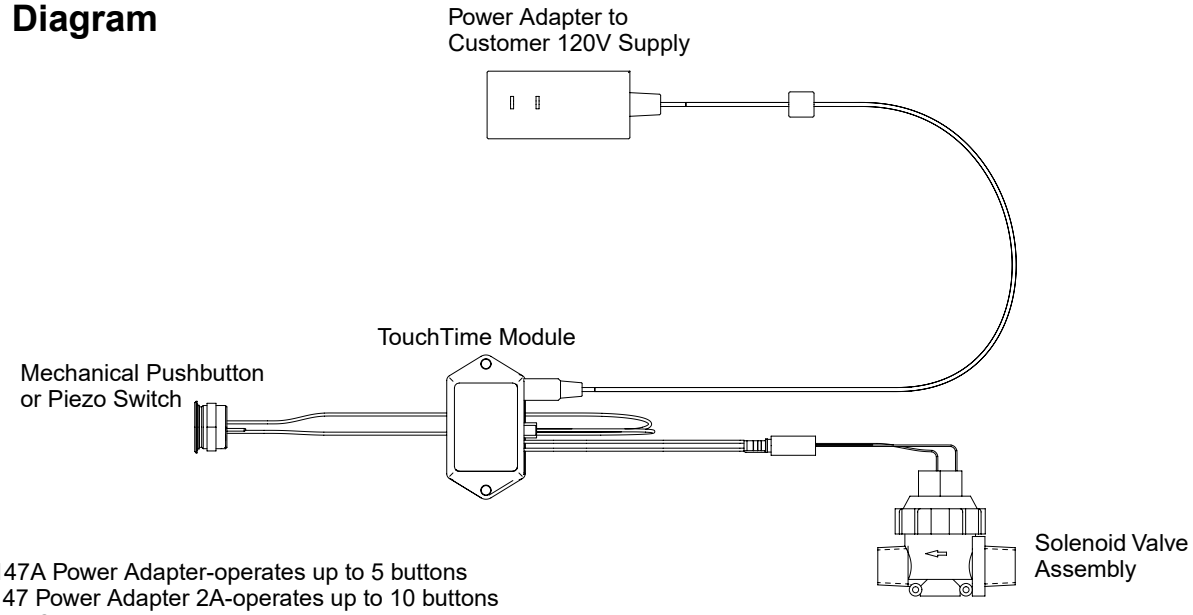
Item	Part No.	Description
1	S83-368	Mechanical Pushbutton
2	S83-360	TouchTime Module
3	159-400	Escutcheon - Flat
4	204-465	Decal (on face of escutcheon)
5	142-002CB	Flat Washer
6	110-258	Nut, Hex SS

Piezo Switch



Item	Part No.	Description
1	S83-369	Piezo Switch
2	S83-360	TouchTime Module
3	159-400	Escutcheon - Flat
4	204-465	Decal (on face of escutcheon)
5	142-002CB	Flat Washer
6	110-258	Nut, Hex SS

Wiring Diagram



*261-147A Power Adapter-operates up to 5 buttons
261-147 Power Adapter 2A-operates up to 10 buttons
251-026 Cable Extension 14'
251-027 4 way splitter
251-027A 2 way splitter
251-027B 3 way splitter

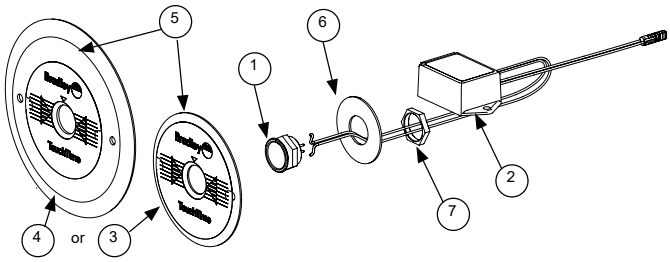
TOUCHTIME® - DC

MODELS: 1PA-HN, HN300, SXWS9148FM, SXWS9151, SXWS9157FM SXWS9551, SXWS9557FM, SXWS9561, WS-2W-HN, WS-3W-HN WS-2W-MD, WS-3W-MT, WS-2W-MS, WS-3W-MS, WS-2W, WS-3W WS-1C, WS-1F, WS-1K, WS-1K-HN, WS-1WAB, WS-1WCA, WS-1WCA-BF WS-1WCA-ADA, WS-1X, WS-1X-HN & ALL ABLUTION MODELS

⚠ WARNING The TouchTime activation must be connected with a 12V DC plug in adapter. Connections to 110 VAC can cause personal injury and will result in damage to the electronics.

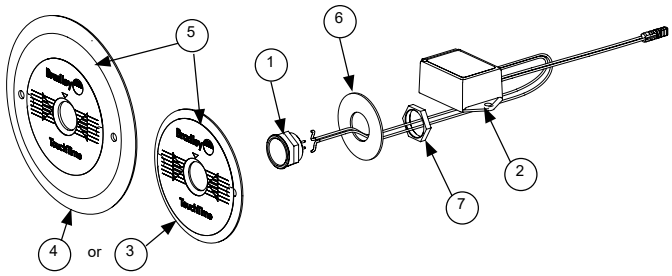
Activation of the pushbutton takes place only when it is released, thereby preventing "hold open" activation.

Mechanical Pushbutton



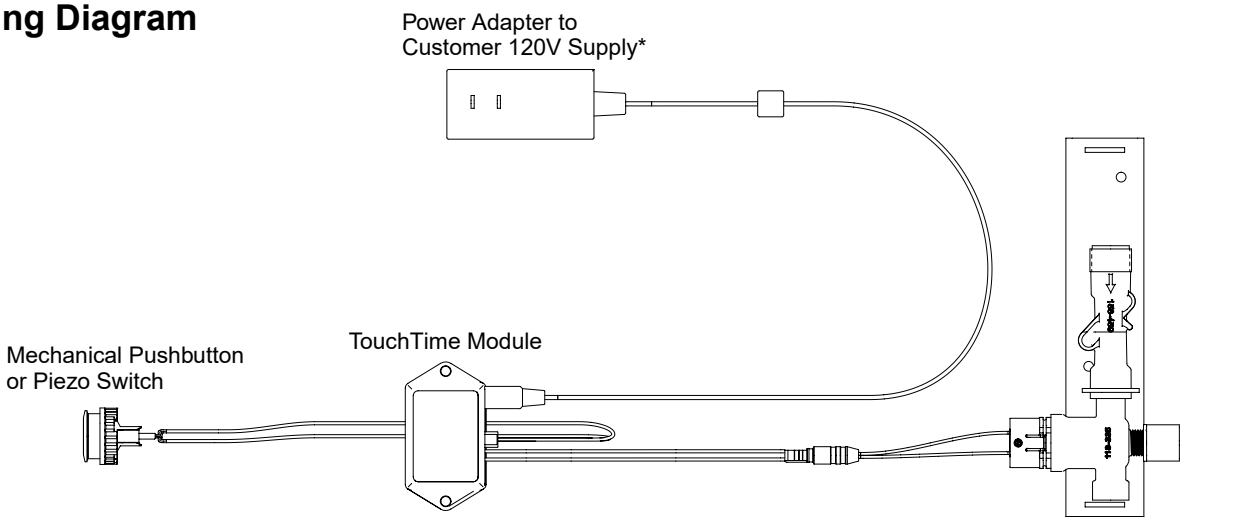
Item	Part No.	Description
1	S83-368	Mechanical Pushbutton
2	S83-360	TouchTime Module
3	159-400	Escutcheon - Flat
4	159-354	Escutcheon - Convex
5	204-465	Decal (on face of escutcheon)
6	142-002CB	Flat Washer
7	110-258	Nut, Hex SS

Piezo Switch



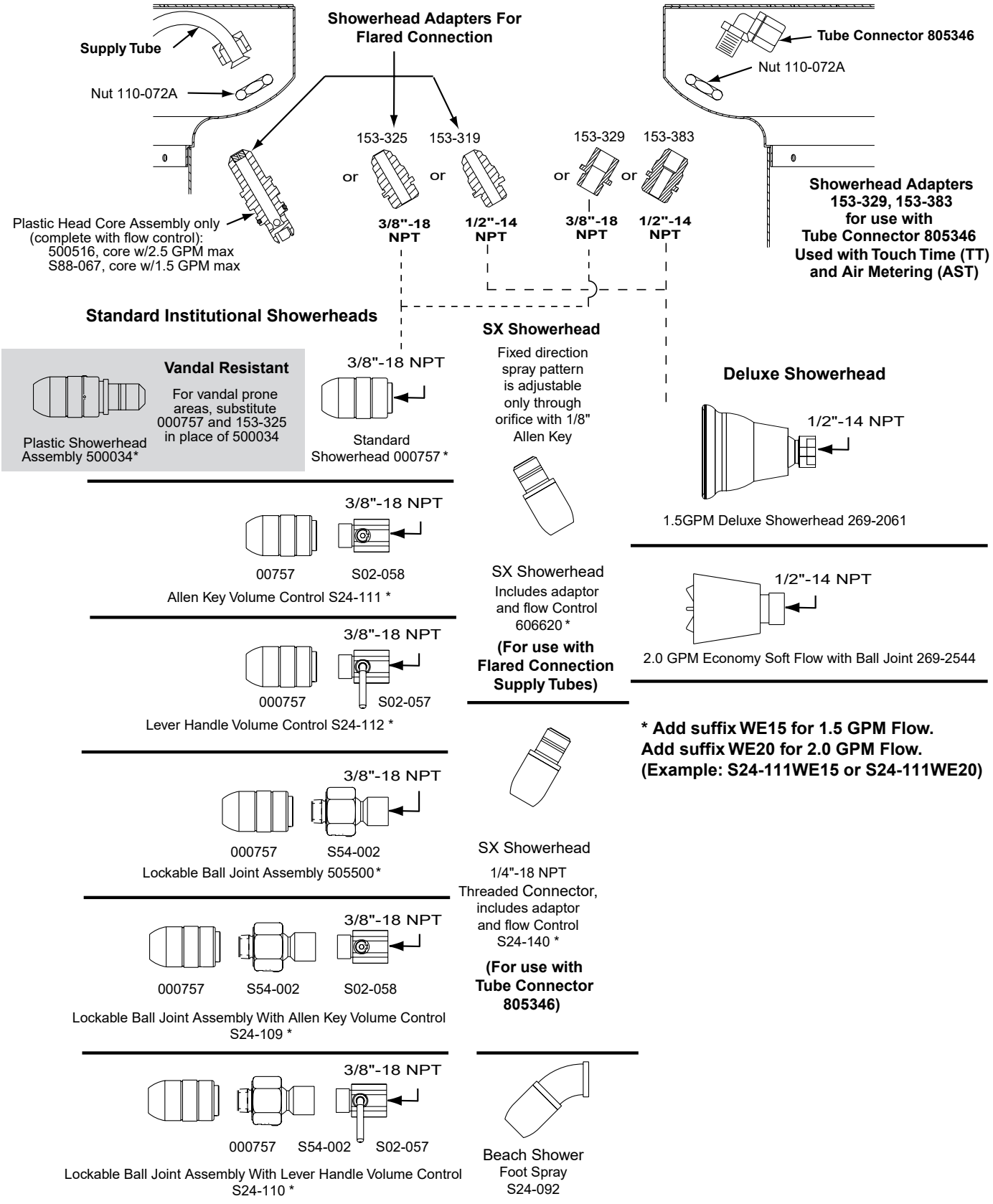
Item	Part No.	Description
1	S83-369	Piezo Switch
2	S83-360	TouchTime Module
3	159-400	Escutcheon - Flat
4	159-354	Escutcheon - Convex
5	204-465	Decal (on face of escutcheon)
6	142-002CB	Flat Washer
7	110-258	Nut, Hex SS

Wiring Diagram



*261-147A Power Adapter-operates up to 5 buttons
261-147 Power Adapter 2A-operates up to 10 buttons
251-026 Cable Extension 14'
251-027 4 way splitter
251-027A 2 way splitter
251-027B 3 way splitter

COLUMN SHOWER & WALL SAVER SHOWERHEADS



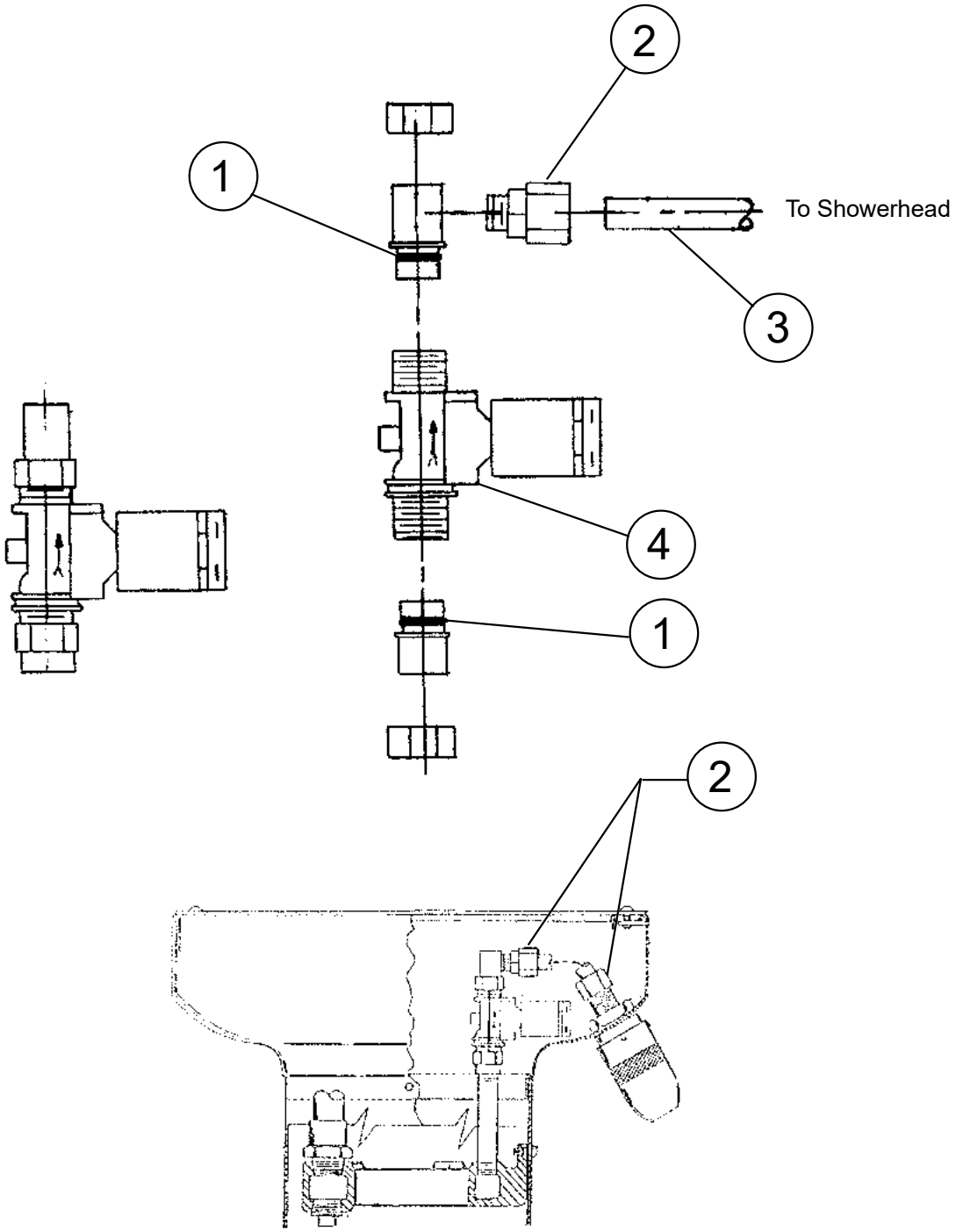
COLUMN SHOWER & WALL SAVER SHOWERHEADS

Shower head Type	Part No.	Max. Flow Rate @ 80 ±2 psi	Min. Flow Rate @ 45 ±2 psi Shower heads listed for use with automatic compensating valves rated at (see values below) or less
Standard Institutional (S)	000757*	2.5 gpm (9.5 L/min)	2 gpm (7.6 L/min)
	S24-008WE15	1.5 gpm (5.7 L/min)	1.4 gpm (5.3 L/min)
	S24-008WE20	2.0 gpm (7.6 L/min)	1.7 gpm (6.6 L/min)
Standard Institutional (S) (Plastic Showerhead Assembly)	500034*	2.5 gpm (9.5 L/min)	2 gpm (7.6 L/min)
	S24-072WE15	1.5 gpm (5.7 L/min)	1.4 gpm (5.3 L/min)
	S24-072WE20	2.0 gpm (7.6 L/min)	1.7 gpm (6.6 L/min)
Standard Institutional with Lockable Ball Joint (S-LBJ)	505500*	2.5 gpm (9.5 L/min)	2.1 gpm (8.3 L/min)
	S24-108WE15	1.5 gpm (5.7 L/min)	1.4 gpm (5.3 L/min)
	S24-108WE20	2.0 gpm (7.6 L/min)	1.7 gpm (6.6 L/min)
Standard Institutional with Lever Handle Volume Control (S-LHV)	S24-112*	2.5 gpm (9.5 L/min)	2.2 gpm (8.3 L/min)
	S24-112WE15	1.5 gpm (5.7 L/min)	1.4 gpm (5.3 L/min)
	S24-112WE20	2.0 gpm (7.6 L/min)	1.7 gpm (6.6 L/min)
Standard Institutional with Allen Key Volume Control (S-AKV)	S24-111*	2.5 gpm (9.5 L/min)	1.7 gpm (6.4 L/min)
	S24-111WE15	1.5 gpm (5.7 L/min)	1.3 gpm (4.9 L/min)
	S24-111WE20	2.0 gpm (7.6 L/min)	1.7 gpm (6.6 L/min)
Standard Institutional with Allen Key Volume Control and Lockable Ball Joint (S-AKV-LBJ)	S24-109*	2.5 gpm (9.5 L/min)	2.1 gpm (8.0 L/min)
	S24-109WE15	1.5 gpm (5.7 L/min)	1.3 gpm (4.9 L/min)
	S24-109WE20	2.0 gpm (7.6 L/min)	1.7 gpm (6.6 L/min)
Standard Institutional with Lever Handle Volume Control and Lockable Ball Joint (S-LHV-LBJ)	S24-110*	2.5 gpm (9.5 L/min)	2.2 gpm (8.3 L/min)
	S24-110WE15	1.5 gpm (5.7 L/min)	1.3 gpm (4.9 L/min)
	S24-110WE20	2.0 gpm (7.6 L/min)	1.7 gpm (6.6 L/min)
Deluxe (SF)	269-2061	1.5 gpm (5.7 L/min)	1.3 gpm (4.9 L/min)
Economy Soft Flow with Ball Joint (ES)	269-2544	2.0 gpm (7.6 L/min)	1.7 gpm (6.6 L/min)
Severe Service (SX) (Copper Flared Connection)	606620*	2.5 gpm (9.5 L/min)	2.4 gpm (9.1 L/min)
	S24-090WE15	1.5 gpm (5.7 L/min)	1.4 gpm (5.3 L/min)
	S24-090WE20	2.0 gpm (7.6 L/min)	1.7 gpm (6.6 L/min)
Severe Service (SX) (Plastic Tube Connection)	S24-140*	2.5 gpm (9.5 L/min)	2.4 gpm (9.1 L/min)
	S24-140WE15	1.5 gpm (5.7 L/min)	1.4 gpm (5.3 L/min)
	S24-140WE20	2.0 gpm (7.6 L/min)	1.7 gpm (6.6 L/min)

* 2.5 GPM flow rate does not meet California Energy Commission 20 CCR T.20, Div. 2, 1601-1609.

NOTES: _____

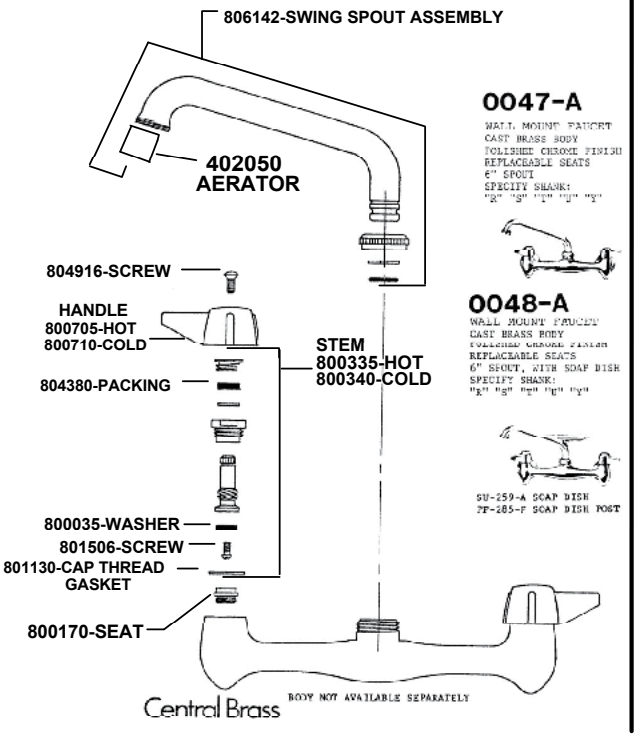
COLUMN SHOWER SOLENOID - MÜLLER

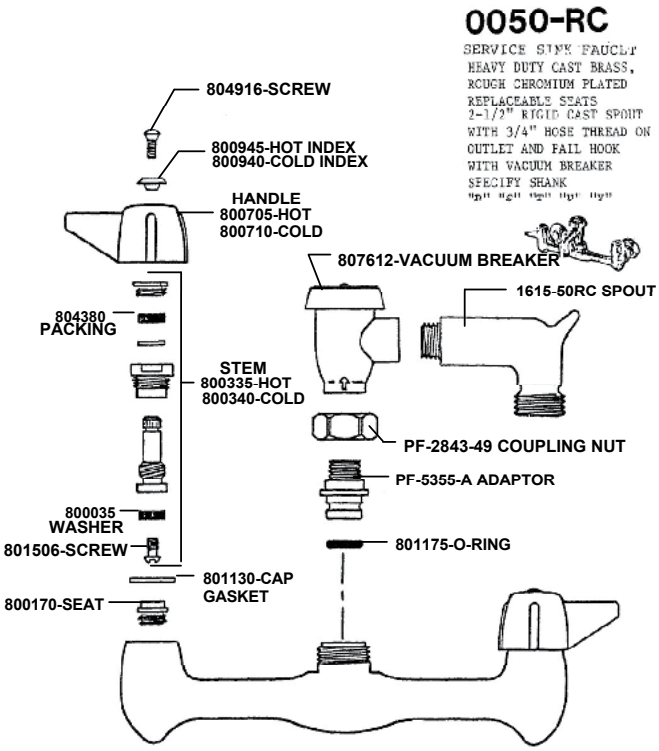


Item	Part No.	Description	Solenoid Assembly S07-053	Plastic Tubing
			Qty	
1	808262	O-Ring	2	
2	269-882	Connector	1	
3	R68-60000-11	Plastic Tubing (2-5 Person)		1
3	R68-60000-11	Plastic Tubing (6 Person)		1
4	808321	Solenoid	1	

NOTES: _____

FAUCETS





*SLOW-CLOSING FAUCETS



600220-PLAIN
Slow-Closing Solid Cast Brass Basin Cock with 2.2 g.p.m. aerator. (Has unique external cycle adjustment)

***EACH FAUCET PICTURED USES SAME CARTRIDGE ASSEMBLIES AND PARTS SHOWN**

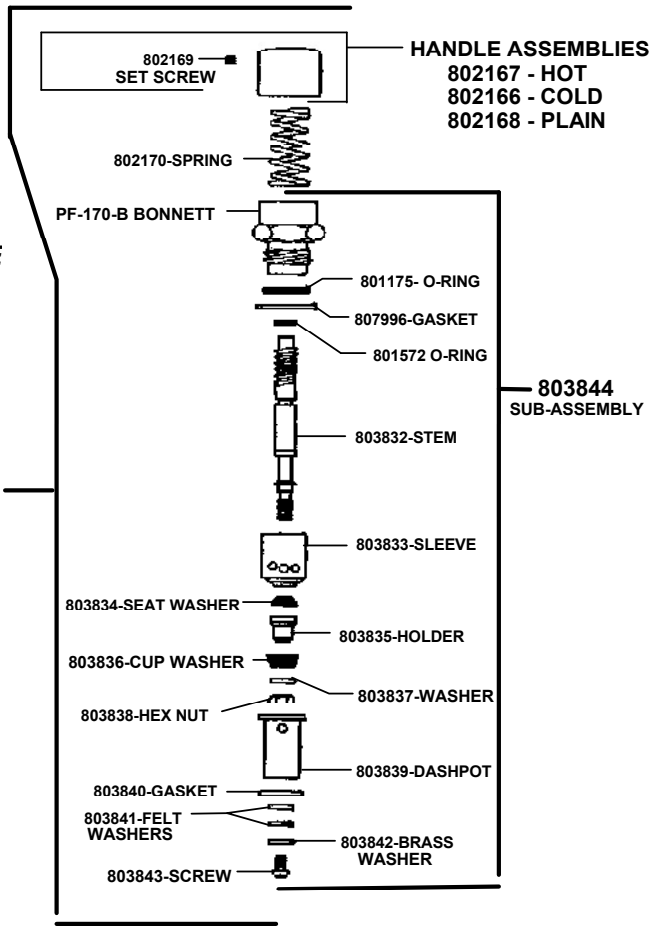


802185-HOT
802186-COLD
600505-PLAIN

Deluxe Slow-Closing Solid Cast Brass Basin Cock with 2.2 g.p.m. aerator. (Has unique external cycle adjustment.)



600215
Slow-Closing 4" Solid Cast Brass Centerset, 2.2 g.p.m. aerator.



SINGLE BASIN FAUCET

0255

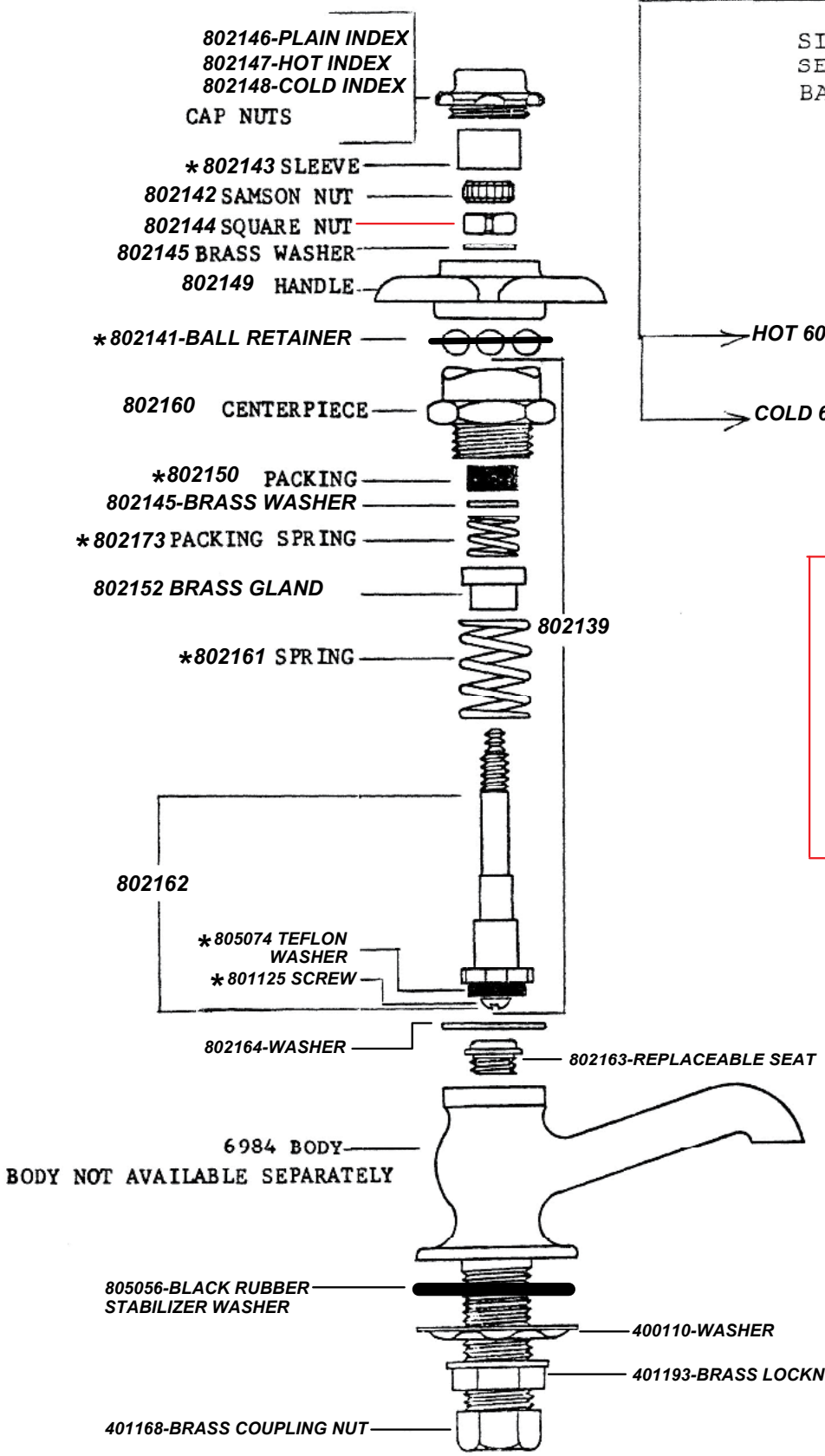
SINGLE LAVATORY FAUCET
SELF-CLOSING
BASIN COCK

WITH BALL BEARING
CAM ACTION,
CAST BRASS BODY
REPLACEABLE SEAT
CHROME PLATED



HOT 600149

COLD 600150



OTHER COMPLETE BASIN FAUCETS

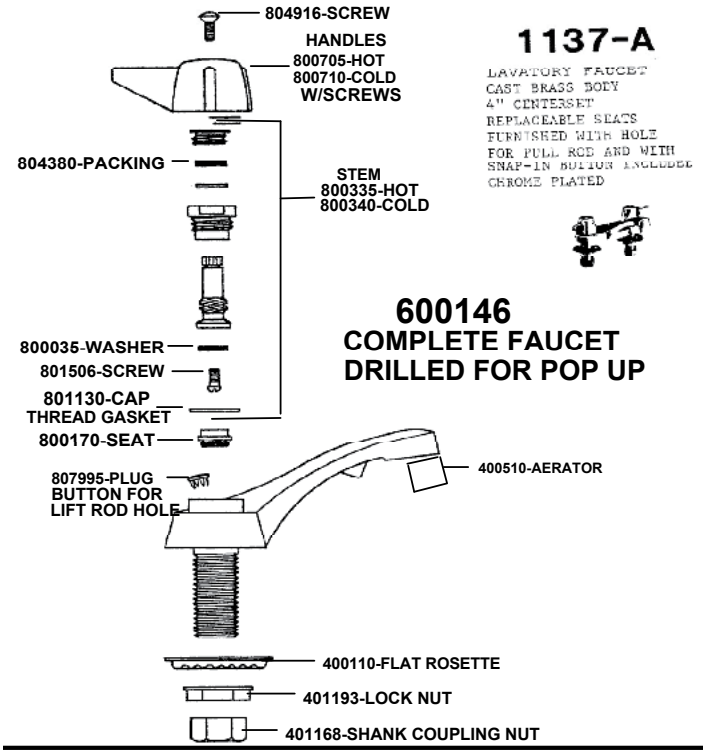
602260 - SAME AS ABOVE, SELF CLOSING W/PLAIN INDEX, B&K

602254 - MANUAL TYPE, CROSS HANDLE B&K, W/HOT OR COLD INDEX

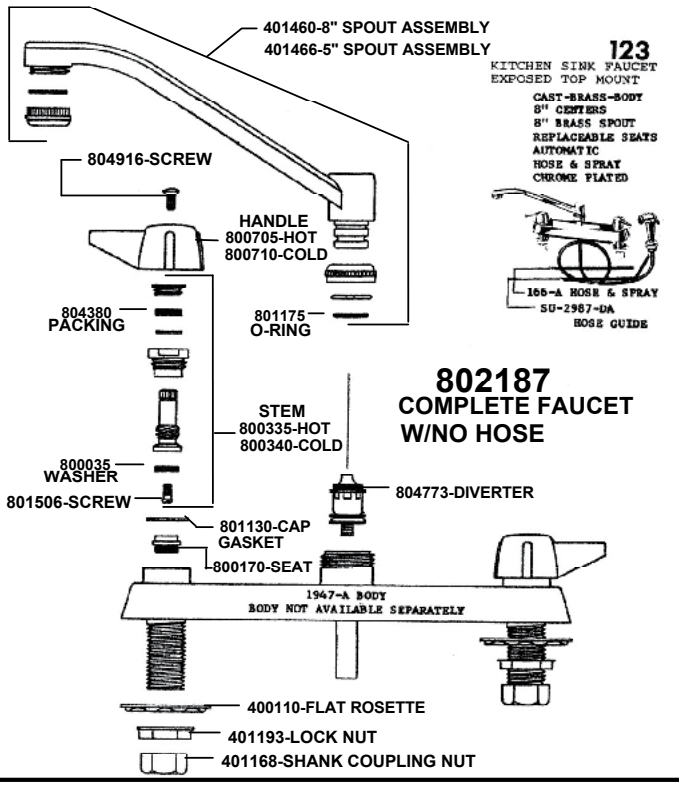
***807945**

ITEMS IN REPAIR KIT 807945. SEVEN PARTS PER KIT.

FAUCETS

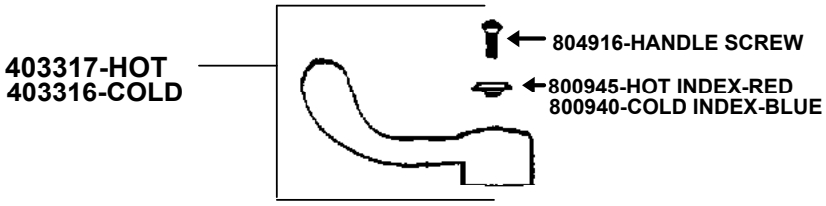


600146
COMPLETE FAUCET
DRILLED FOR POP UP

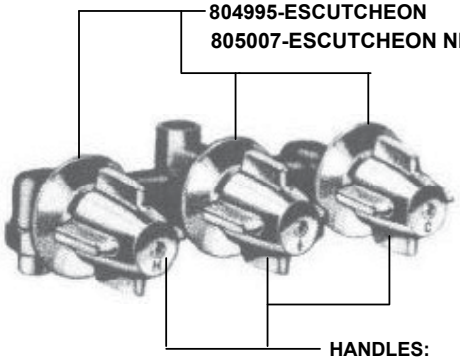


802187
COMPLETE FAUCET
W/NO HOSE

A.D.A. APPROVED 4" WRIST BLADE HANDLE OPTION FOR ABOVE FAUCETS

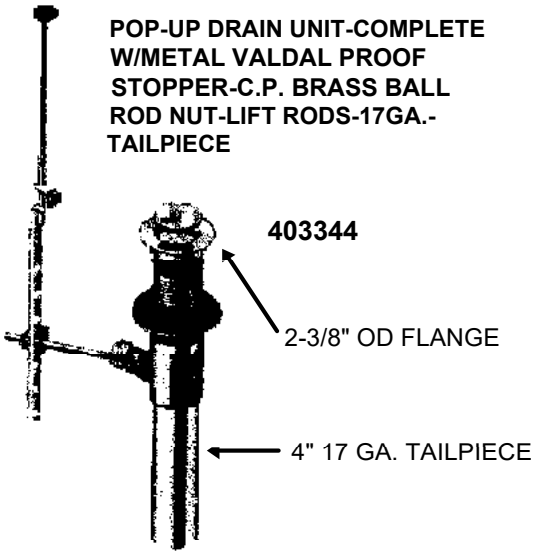


CENTRAL BRASS THREE-VALVE SHOWER VALVE



STEMS (NOT PICTURED):
800345-HOT/COLD STEM
802134-DIVERTER STEM

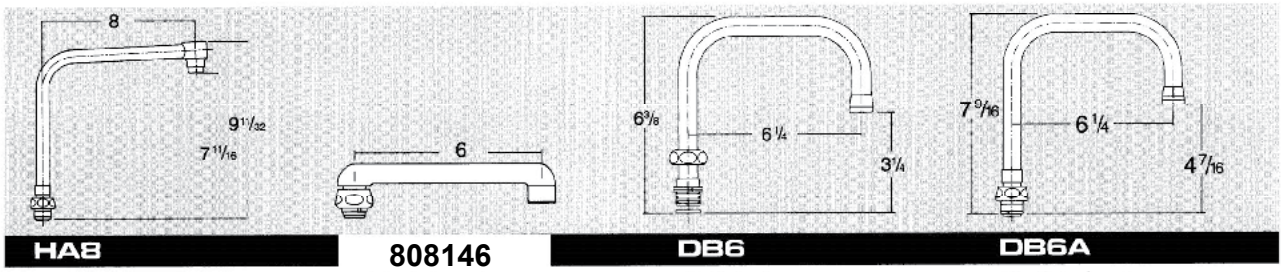
POP-UP DRAIN UNIT-COMPLETE W/METAL VALDAL PROOF STOPPER-C.P. BRASS BALL ROD NUT-LIFT RODS-17GA.- TAILPIECE



NOTES: _____

SWING SPOUTS

- Standardized inlet faucet body connection
- Interchangeable with any body regularly furnished with any of these spouts
- Swinging faucet body connection
- E3 aerator, 2.0 GPM @ 80 PSI unless otherwise noted

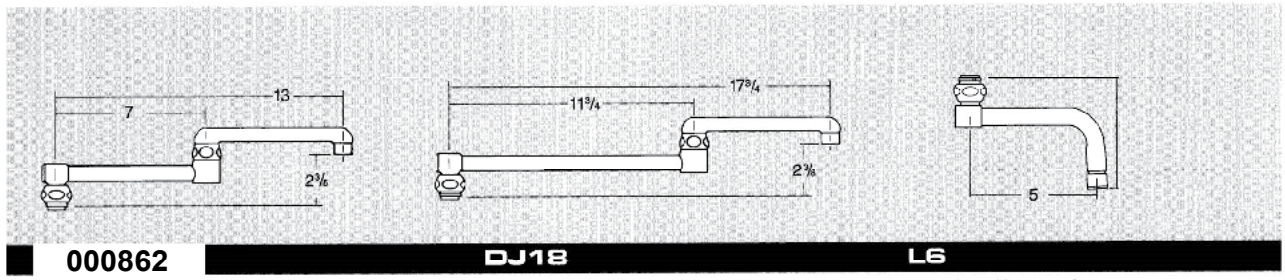


HA8
- High rise double bend spout
- Swing only
- Polished chrome plate
- E12 aerator, 2.0 GPM @ 80 PSI

808146
- Polished chrome plate
- Available in rough chrome plate with 3/4" hose thread outlet
- E3 aerator, 2.0 GPM @ 80 PSI

DB6
- Double bend spout
- Plain end
- Polished chrome plate
- No aerator

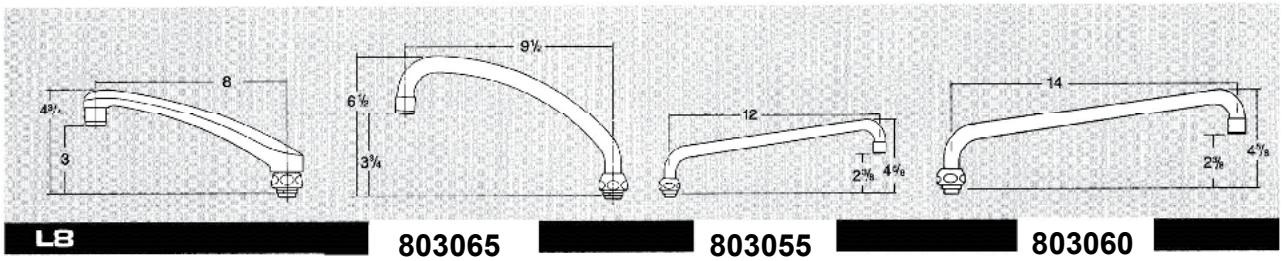
DB6A
- Double bend spout
- "A" spout end
- Swing only
- Polished chrome plate
- No aerator furnished



000862
- Double jointed spout
- Polished chrome plate
- Available in rough chrome plate with 3/4" hose thread outlet
- E3 aerator, 2.0 GPM @ 80 PSI

DJ18
- Double jointed spout
- Polished chrome plate
- Available in rough chrome plate with 3/4" hose thread outlet
- E3 aerator, 2.0 GPM @ 80 PSI

L6
- Top inlet and bottom outlet
- Polished chrome plate
- Available in rough chrome plate with 3/4" hose thread outlet
- E3 aerator, 2.0 GPM @ 80 PSI



L8
- Polished chrome plate only
- E3 aerator, 2.0 GPM @ 80 PSI

803065
- Polished chrome plate only
- E3 aerator, 2.0 GPM @ 80 PSI

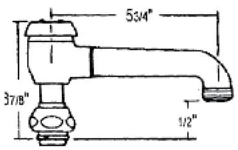
803055
- Polished chrome plate only
- E3 aerator, 2.0 GPM @ 80 PSI

803060
- Polished chrome plate only
- E3 aerator, 2.0 GPM @ 80 PSI

CAST BRASS SWING SOPUT WITH VACUUM BREAKER AND 3/4" MALE HOSE THREAD OUTLET

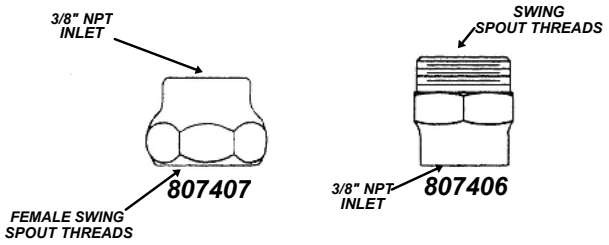
801991
VACUUM BREAKER REPAIR KIT ONLY

806226
VACUUM BREAKER CAP



809741

SPOUT ADAPTORS FOR CHICAGO



CHICAGO FAUCETS

SPOUT REFERENCE

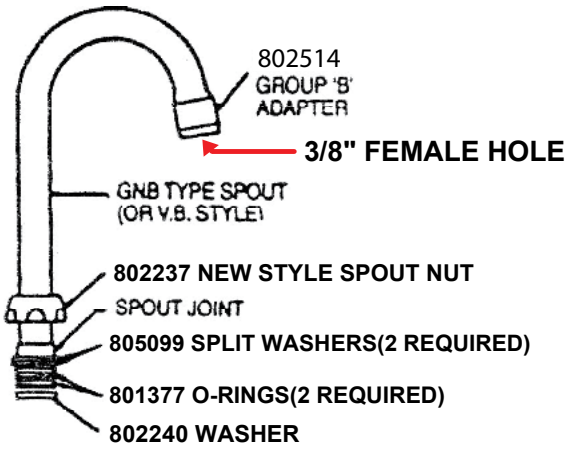
NOTE: GROUP "A" SPOUTS HAVE MALE THREADS AT SPOUT OUTLET (SEE NOTES BELOW)

TO THE INSTALLER

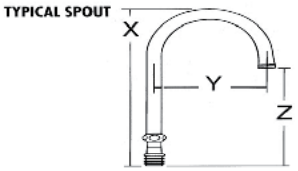
THIS SPOUT CAN BE USED AS A RIGID OR SWING SPOUT.

1. FOR RIGID SPOUTS, REMOVE 1/8" THICK 340-004 PLASTIC WASHER AND PLACE IN SPOUT BASE BORE. DISCARD (2) 50-036 PLASTIC SPLIT WASHERS. ASSEMBLE INTO SPOUT BASE AND TIGHTEN NUT.
2. FOR SWING SPOUTS, USE (2) 50-036 PLASTIC SPLIT WASHERS AS SHOWN, BUT DISCARD 340-004 WASHER. PLACE SPOUT IN BASE, RAISE SPOUT NUT AND ADD (2) 50-036 PLASTIC SPLIT WASHERS LOWER NUT AND TIGHTEN.

NOTE: THIS DRAWING APPLIES TO ALL CHICAGO SPOUTS OF THIS TYPE FOR EITHER RIGID OR SWING USE.



1. **TO GET A STANDARD THREADED 15/16 FEMALE AERATOR TO ADAPT TO A GROUP "A" CHICAGO FAUCET SPOUT W/MALE THREADS, USE A 404715 ADAPTOR.**
2. **TO GET A STANDARD THREADED 15/16 FEMALE AERATOR TO ADAPT TO A GROUP "B" CHICAGO FAUCET SPOUT WITH 3/8" IPS THREADS, USE A 406997 ADAPTOR.**



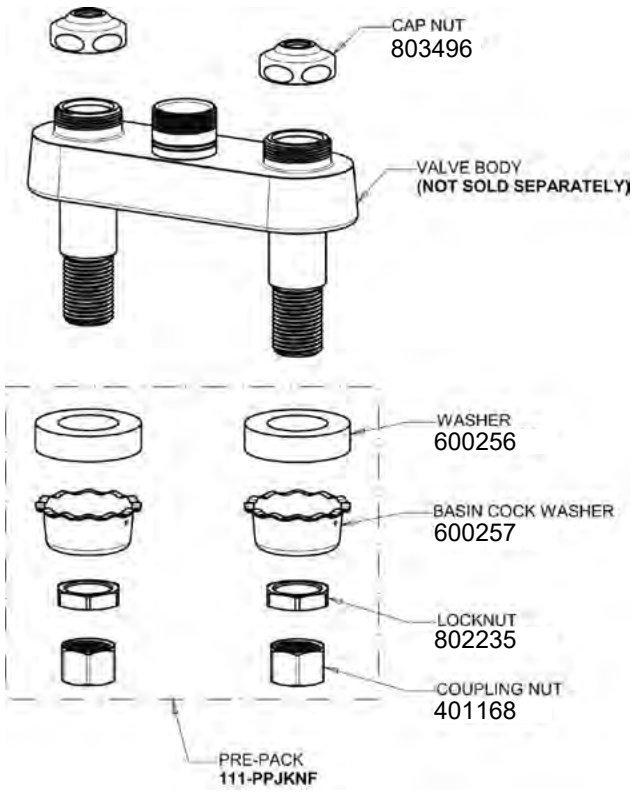
Spout Number	INTEGRAL OUTLETS Plain	Group "A"	Group "B"	Rigid/Swing X	Rigid/Swing Y	Rigid/Swing Z	Rigid Only* X	Rigid Only* Y	Rigid Only* Z	Swing Only* X	Swing Only* Y	Swing Only* Z
GN1	■			8 1/4"	3 1/2"	5 7/8"						
804962		■		8 1/4"	3 1/2"	5 7/8"						
GN1B			■	8 1/4"	3 1/2"	5 3/8"						
GN2	■			9 3/4"	5 3/8"	6 1/8"						
803090		■		9 3/4"	5 3/8"	6 1/8"						
803095			■	9 3/4"	5 3/8"	5 5/8"						
GN8	■			11 1/4"	8"	6 1/8"						
807705		■		11 1/4"	8"	6 1/8"						
804805			■	11 1/4"	8"	5 5/8"						
GN10A		■					12 3/8"	10"	5 7/8"	13 3/8"	10"	6 7/8"
GN10B			■				12 3/8"	10"	5 7/8"	13 3/8"	10"	6 7/8"
GN12A		■					13 3/8"	12"	5 7/8"	14 3/8"	12"	6 7/8"
GN12B			■				13 3/8"	12"	5 7/8"	14 3/8"	12"	6 7/8"
GN2AH8		■		8"	5 3/8"	4 3/8"						
GN2BH8			■	8"	5 3/8"	4 1/4"						
GN2AH13		■		13"	5 3/8"	9 1/2"						
GN2BH13			■	13"	5 3/8"	9"						
GN2AH17		■		17"	5 3/8"	13 3/8"						
GN2BH17			■	17"	5 3/8"	12 7/8"						

** Rigid/swing field conversion not available.*

CHICAGO FAUCETS

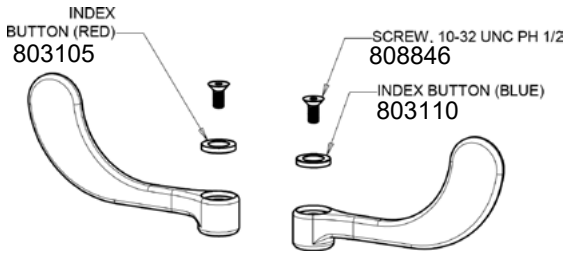
DECK-MOUNTED MANUAL SINK FAUCET W/ 4" CENTERS

600140 - COMPLETE FAUCET
Base Parts:

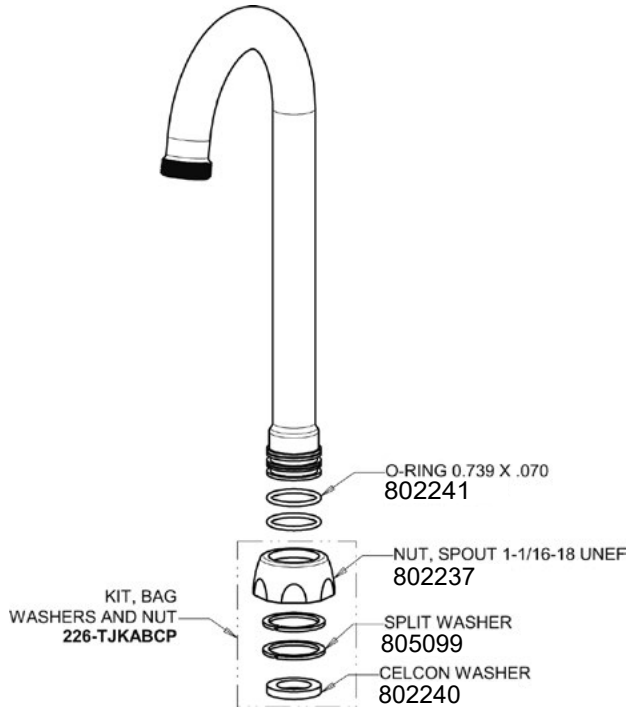


4" Wristblade Handle Pair
814360

801990: HOT HANDLE W/ INDEX & SCREW
801989: COLD HANDLE W/ INDEX & SCREW



3-1/2" Rigid / Swing Gooseneck Spout
802122

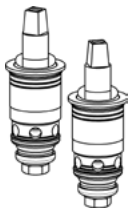


2.2 GPM (8.3 L/min) Aerator
401777

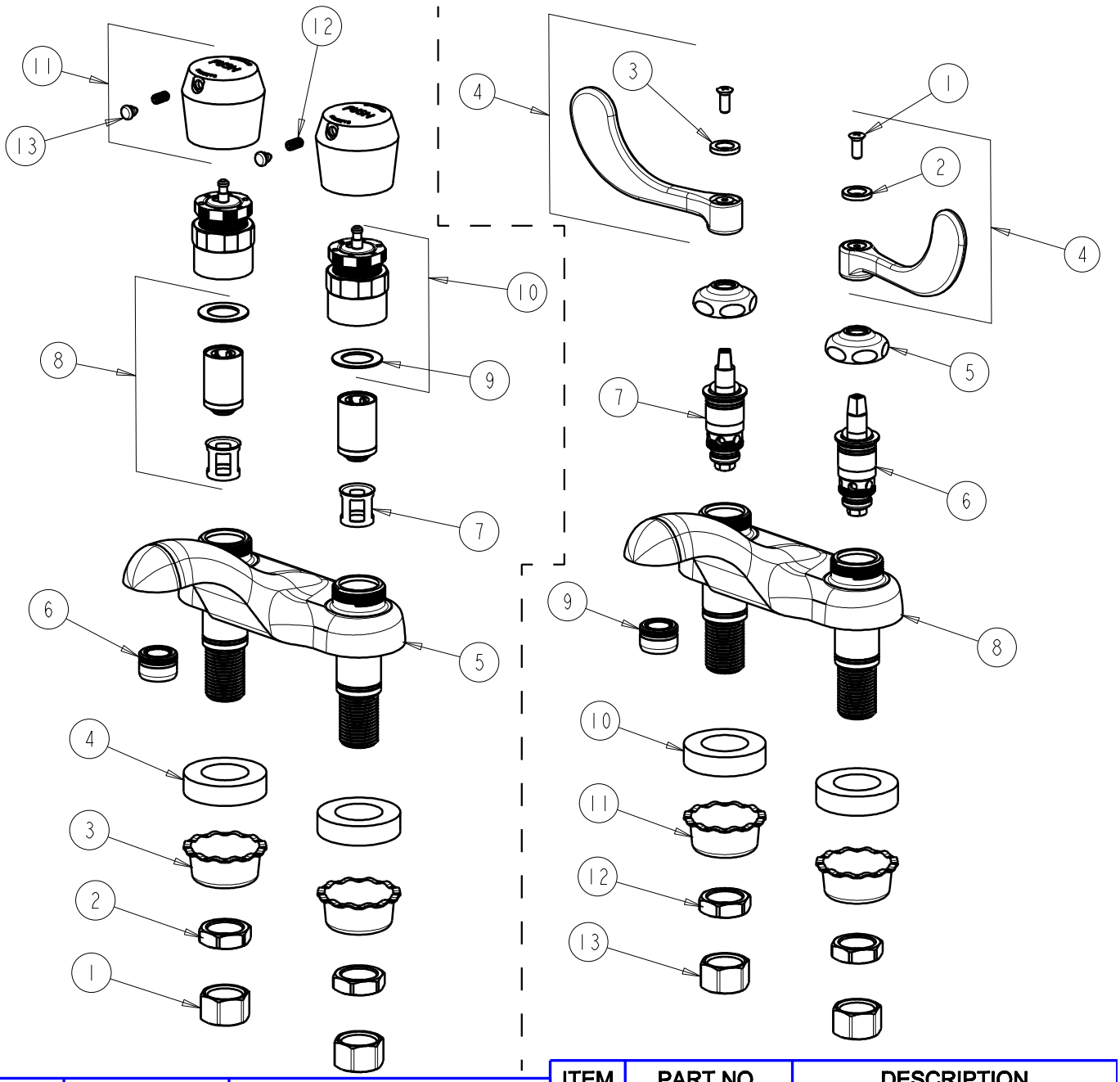
13/16 1.5 GPM Female Thread Soft-Flow Aerator
401778



Quaturn Compression Cartridge (pair)
805933 (right)
805934 (left)



NOTES: _____

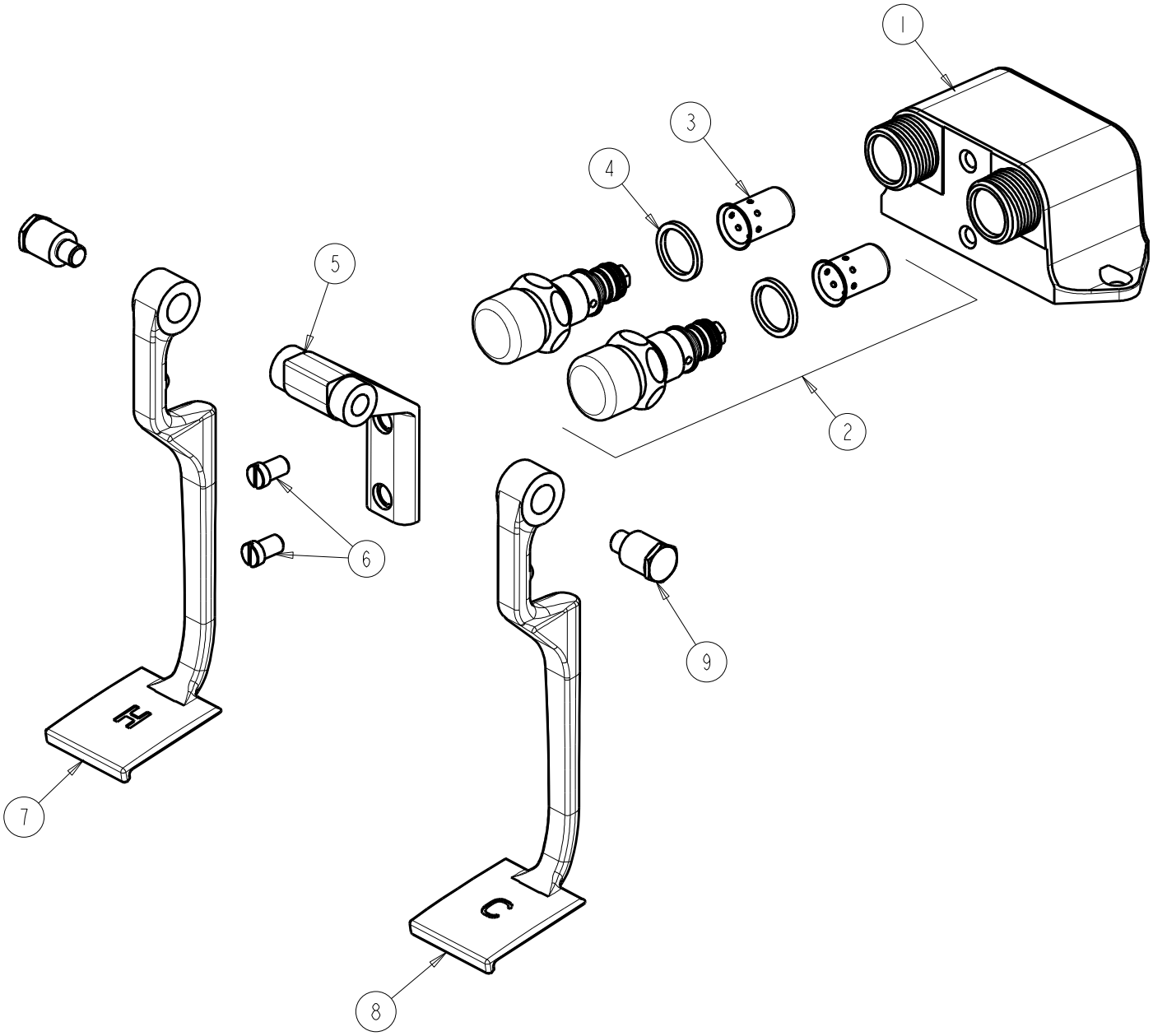


ITEM	PART NO.	DESCRIPTION
1	401168	COUPLING NUT
2	802235	LOCKNUT
3	600257	BASIN COCK WASHER
4	600256	WASHER
5	——	VALVE BODY NOT SOLD SEPARATELY
6	801658	SOFTFLO OUTLET
7	812451	FILTER
8	807646	MVP CARTRIDGE
9	804824	WASHER, SEALING
10	801985	ACTUATOR ASSEMBLY
11	807859	HANDLE PUSH BUTTON ASSEMBLY
12	804719	SET SCREW
13	808028	RED & BLUE BUTTONS
	602248	H&C METERING LAV FAUCET COMPLETE

ITEM	PART NO.	DESCRIPTION
1	808846	SCREW, 10-32 UNC PH 1/2
2	803110	INDEX BUTTON (BLUE)
3	803105	INDEX BUTTON (RED)
4	814360	WRISTBLADE HANDLE ASSY. (PAIR)
5	803496	CAP
6	805933	QUATURN UNIT (RH)
7	805934	QUATURN UNIT (LH)
8	——	VALVE BODY NOT SOLD SEPARATELY
9	801658	SOFTFLO OUTLET
10	600256	WASHER
11	600257	BASIN COCK WASHER
12	802235	LOCKNUT
13	401168	COUPLING NUT
	603559	DECK-MOUNTED MANUAL SINK FAUCET

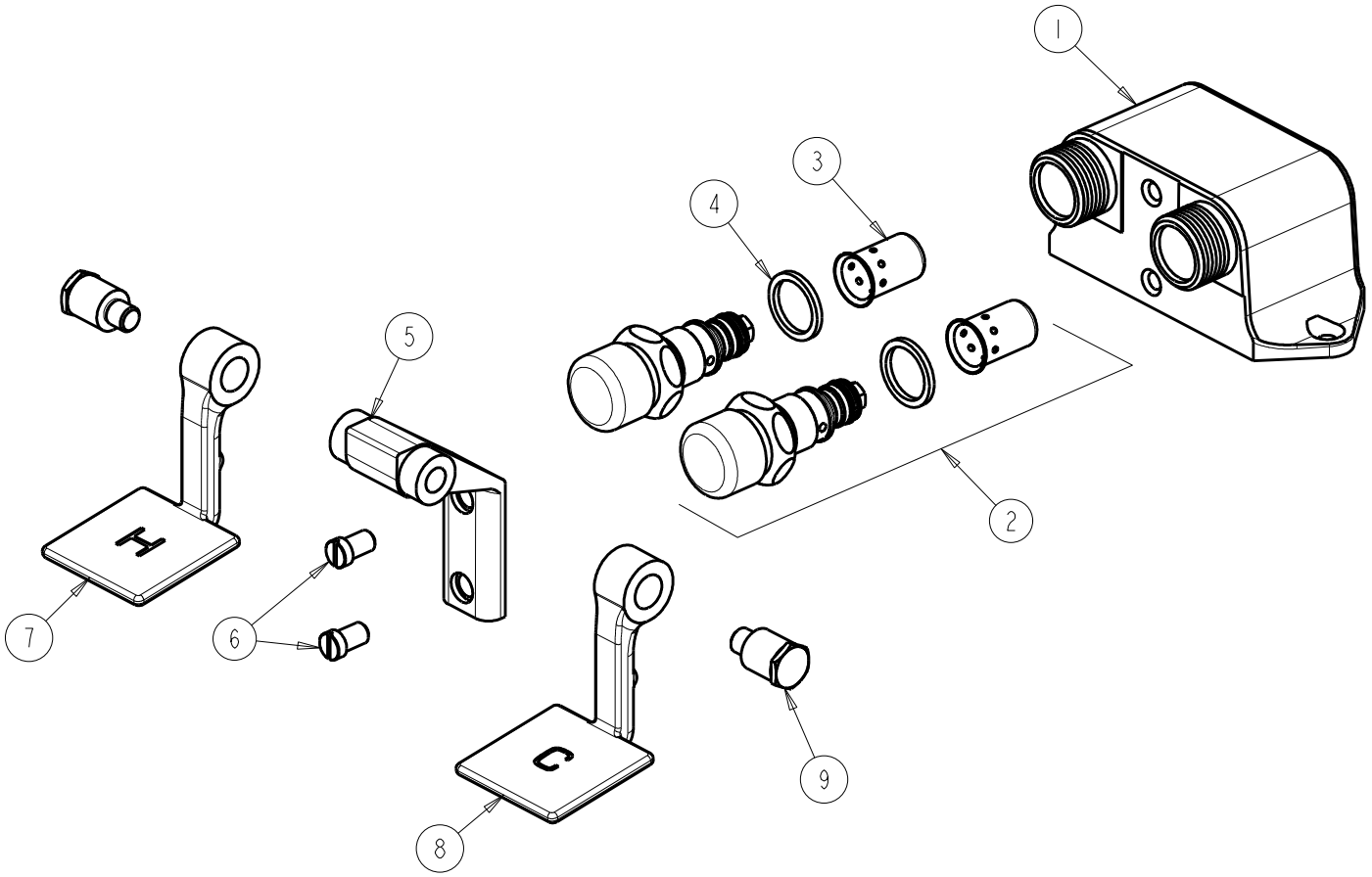
CHICAGO FAUCETS

809427: FOOT OPERATED REMOTE VALVE



ITEM	PART NO.	DESCRIPTION
1	———	VALVE BODY (NOT SOLD SEPARATELY)
2	808894	CARTRIDGE, PUSH BUTTON
3	803085	DASHPOT
4	804802	GASKET, CAP 1 X .80 X .09
5	406550	BRACKET
6	406549	SCREW, PAN HEAD 5/16-18 UNC
7	800958	PEDAL, HOT
8	800959	PEDAL, COLD
9	808345	BOLT, SHOULDER 3/8-24 UNF X 5/8 HEX

FOOT OPERATED REMOTE VALVE



807327: FOOT OPERATED PEDAL VALVE (SHORT PEDALS)

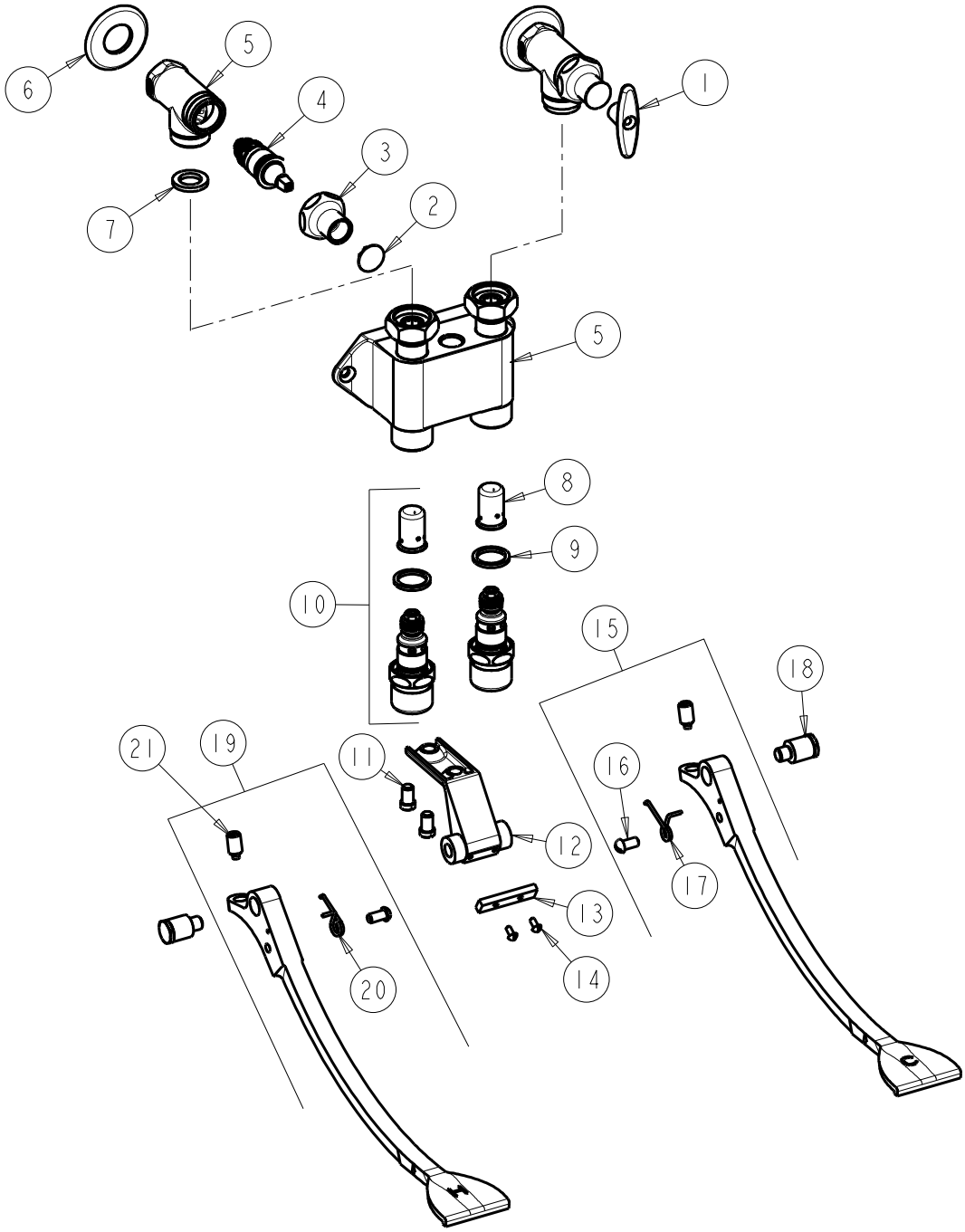
ITEM	PART NO.	DESCRIPTION
1	——	VALVE BODY (NOT SOLD SEPARATELY)
2	808894	CARTRIDGE, PUSH BUTTON
3	803085	DASHPOT
4	804802	GASKET, CAP 1 X .80 X .09
5	406550	BRACKET
6	406549	SCREW, PAN HEAD 5/16-18 UNC
7	808109	PEDAL, HOT
8	808110	PEDAL, COLD
9	808345	BOLT, SHOULDER 3/8-24 UNF X 5/8 HEX

807327: SLOW CLOSE FOOT OPERATED PEDAL VALVE (SHORT PEDALS)

ITEM	PART NO.	DESCRIPTION
1	——	VALVE BODY (NOT SOLD SEPARATELY)
2	807327	FOR PARTS SEE AB628-XSLOJKNF
3	803080	DASHPOT, SLOW
4	804802	GASKET, CAP 1 X .80 X .09
5	406550	BRACKET
6	406549	SCREW, PAN HEAD 5/16-18 UNC
7	808109	PEDAL, HOT
8	808110	PEDAL, COLD
9	808345	BOLT, SHOULDER 3/8-24 UNF X 5/8 HEX

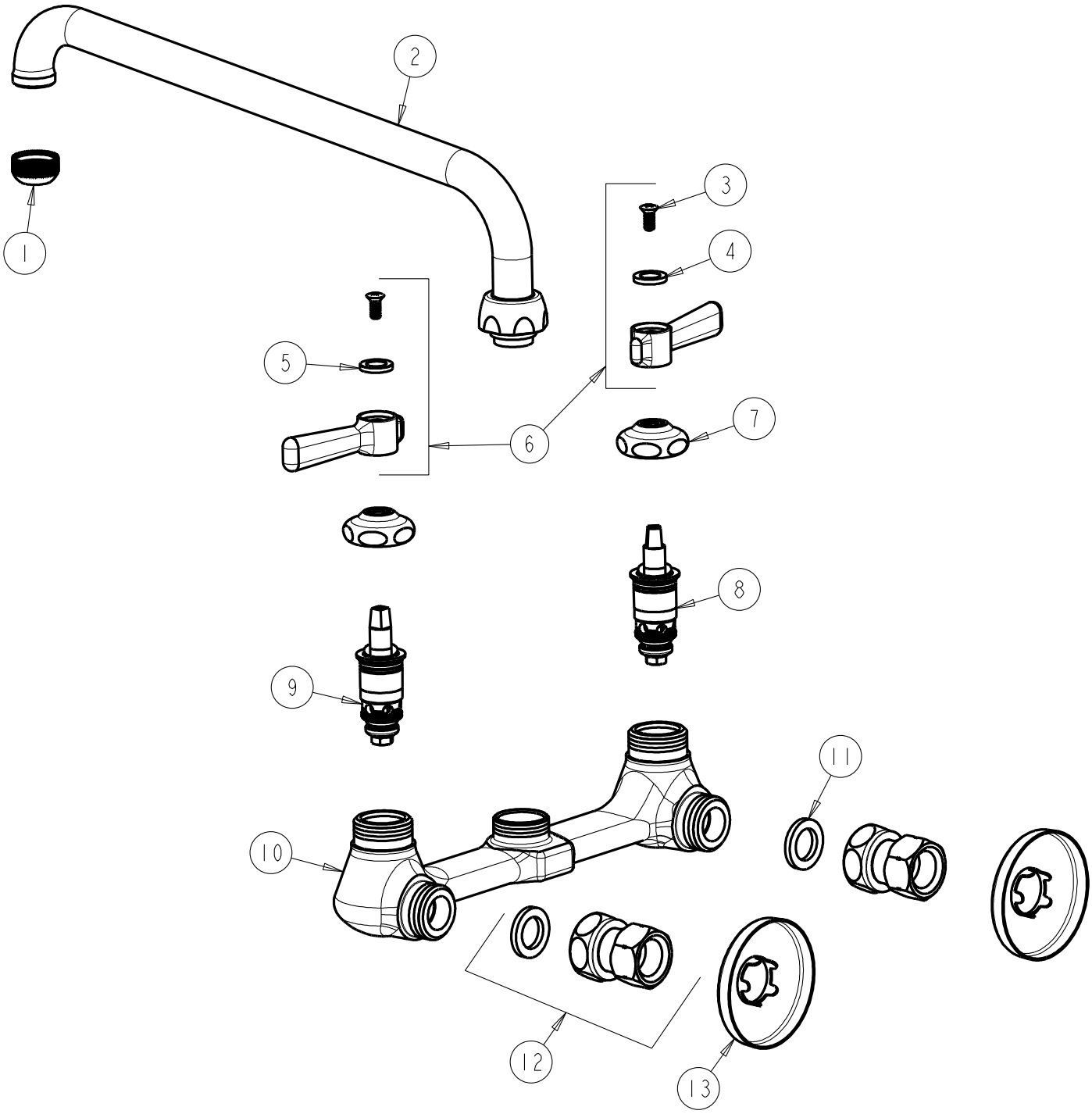
NOTES: _____

808844: FOOT OPERATED REMOTE VALVE



ITEM	PART NO.	DESCRIPTION	ITEM	PART NO.	DESCRIPTION
1	806574	TEE HANDLE (INCLUDES SCREW)	12	806577	PEDAL BRACKET
2	806573	BUTTON	13	806594	PEDAL STOP
3	802929	NUT, CAP LOOSE KEY 1-1/8-18 UNEF	14	806596	SCREW, ROUND HEAD 6-32
4	803491(LH) 803492(RH)	CARTRIDGE, SLO-COMPRESSION	15	001105	PEDAL ASSEMBLY (COLD)
5	------	VALVE BODY (NOT SOLD SEPARATELY)	16	942162	SCREW, ROUND HEAD 1/4-20 X 1/2
6	806576	FLANGE, 1.94 X .88 X .11	17	806579	SPRING, RH PEDAL
7	942163	WASHER, .97 X .62 X .12	18	808345	BOLT, SHOULDER 3/8-24 UNF X 5/8 HEX
8	803085	DASHPOT	19	001104	PEDAL ASSEMBLY (HOT)
9	804802	GASKET, CAP 1 X .80 X .09	20	806580	SPRING, LH PEDAL
10	801988	NAIAD PUSH BUTTON CYCLE METERING CARTRIDGE	21	802106	SCREW, PEDAL 3/8-24 UNF
11	460549	SCREW, PAN HEAD 5/16-18 UNC			

600258: WALL-MOUNTED SINK FAUCET W/ 8” CENTERS & 12” SWING SPOUT

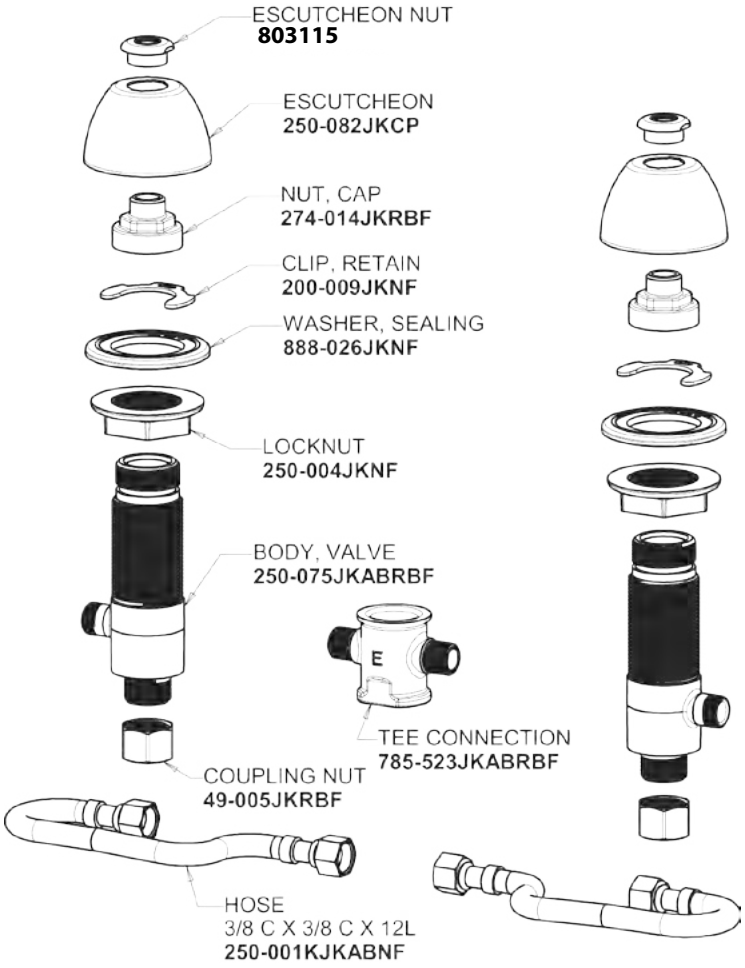


ITEM	PART NO.	DESCRIPTION	ITEM	PART NO.	DESCRIPTION
1	809277	QUIXTOP OUTLET	8	805934	QUATURN UNIT (LH)
2	803055	SPOUT	9	805933	QUATURN CARTRIDGE (RH)
3	808846	SCREW, 10-32 UNC PH 1/2	10	—	VALVE BODY (NOT SOLD SEPARATELY)
4	803105	INDEX BUTTON (RED)	11	942163	WASHER, .97 X .62 X .12
5	803110	INDEX BUTTON (BLUE)	12	000507	ADAPTER ASSEMBLY
6	801990(H) 801989(C)	LEVER HANDLE ASSEMBLY	13	809276	FLANGE
7	803496	CAP			

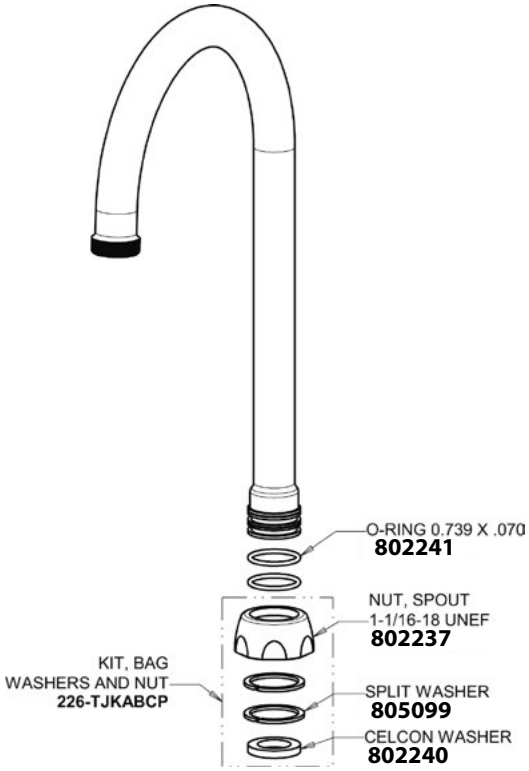
CHICAGO FAUCETS

804961: CONCEALED H&C WATER SINK FAUCET

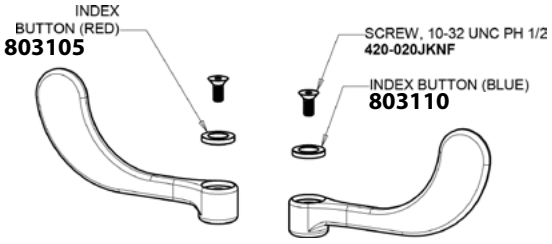
Base Parts:



5-1/4" Rigid / Swing Gooseneck Spout
803090



4" Wristblade Handle Pair
814360

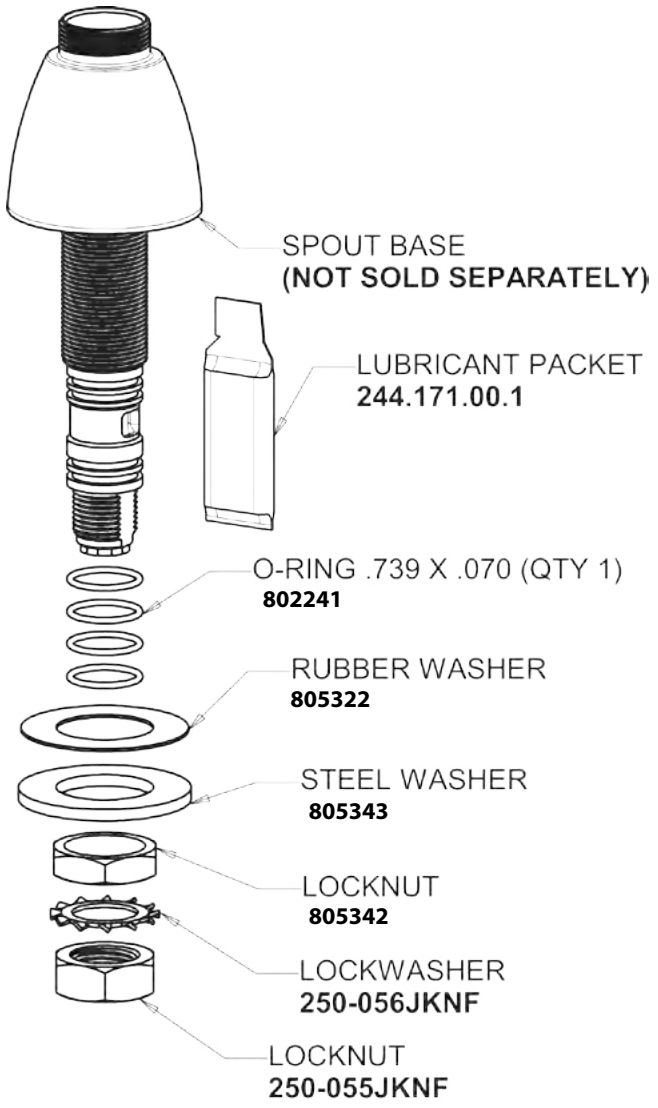


2.2 GPM (8.3 L/min) Aerator
401777

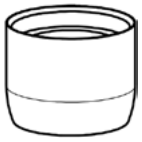


804961: CONCEALED H&C WATER SINK FAUCET

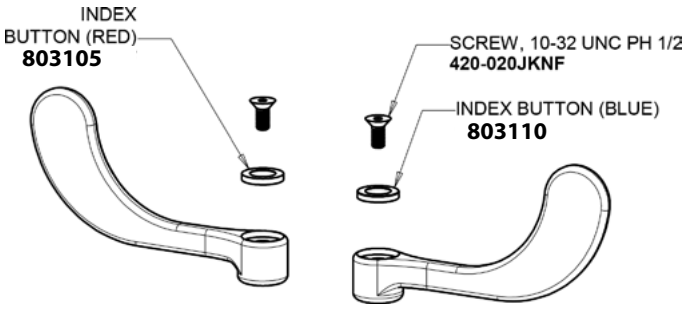
785-512KJKCP



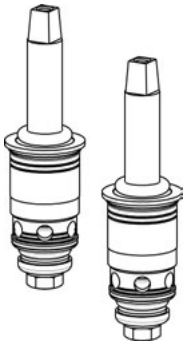
2.2 GPM (8.3 L/min) Aerator
401777



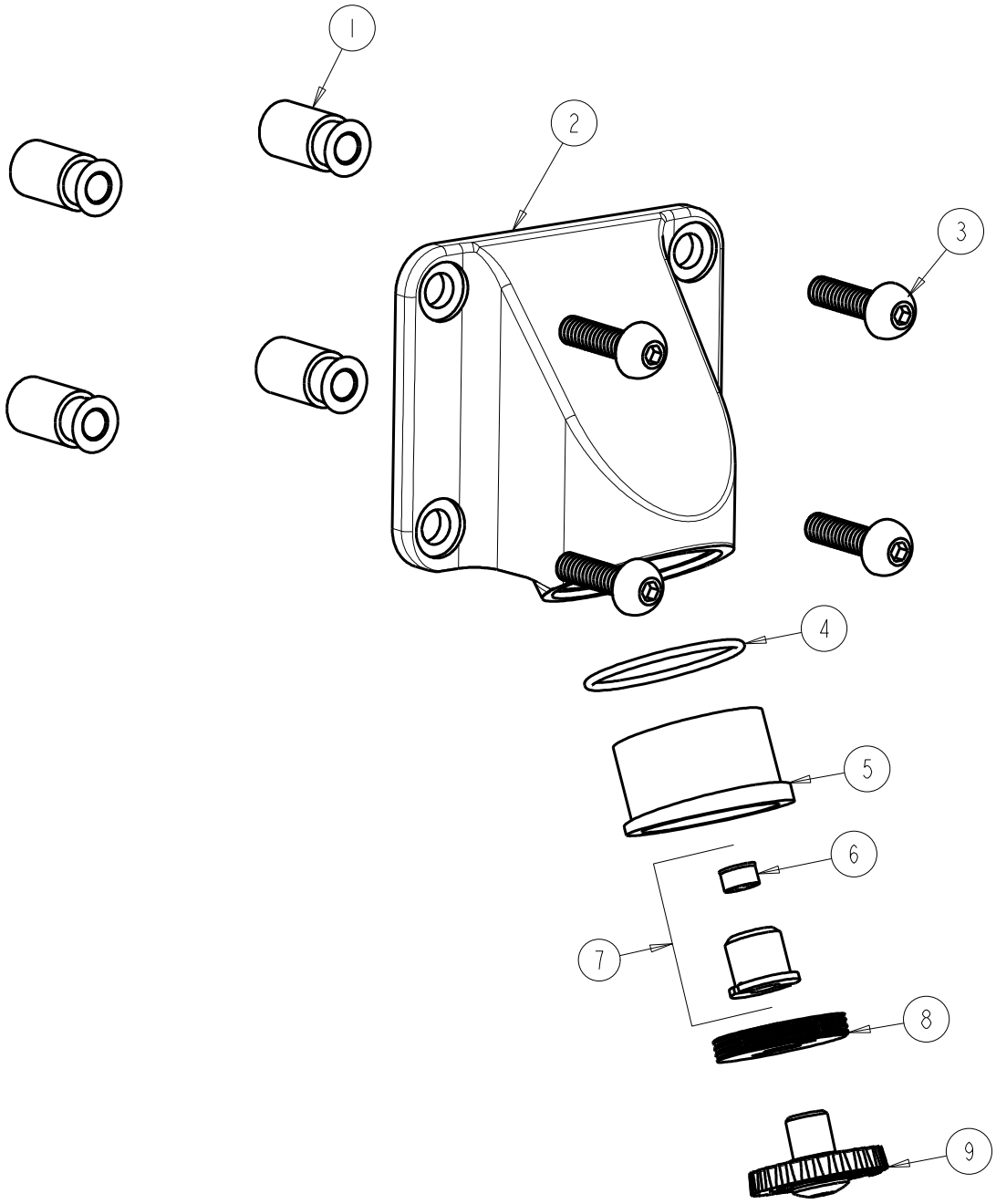
4" Wristblade Handle Pair
814360



Quaturn Compression Cartridge (pair)
805935 (right)
805939 (left)



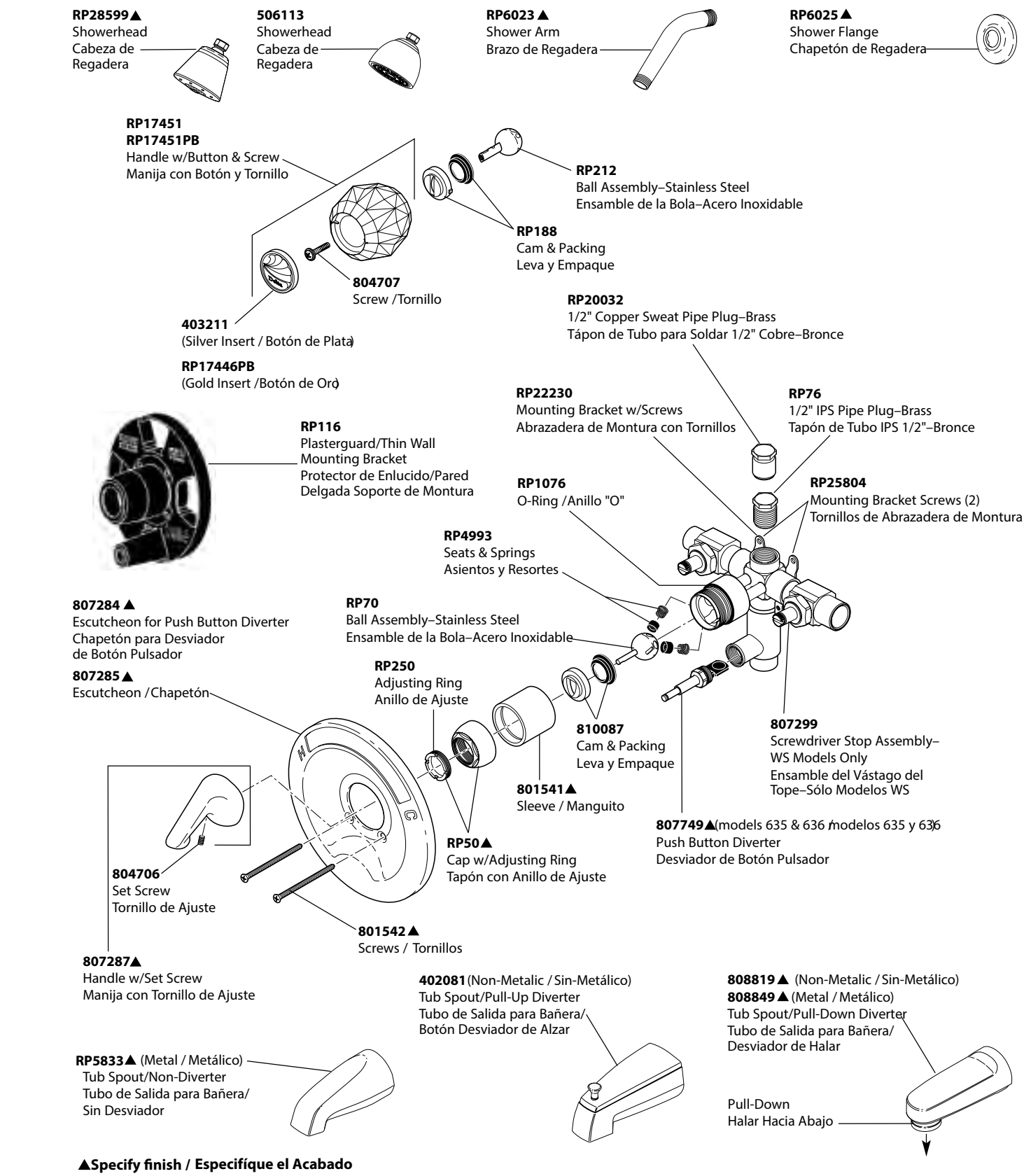
500431: WALL-MOUNTED VANDAL-PROOF INSTITUTIONAL SHOWERHEAD



ITEM	PART NO.	DESCRIPTION
1	604030	ANCHOR
2	-----	VALVE BODY (NOT SOLD SEPARATELY)
3	604031	SCREW
4	604020	O-RING
5	604442	ADAPTER
6	807166	FLOW CONTROL 2.0 GPM MAX
7	604023	RETAINER WITH 2.0 FLOW CONTROL
8	604021	RETAINER
9	604022	SCREW ASSEMBLY 2.5 GPM

NOTES: _____

SINGLE HANDLE BATH VALVES: CLASSIC SERIES
MODELS: 601, 602, 606*, 611*, 612, 621, 622, 635, 636, 641 & 642

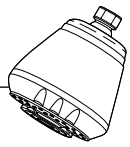


▲Specify finish / Especifíque el Acabado

***Discontinued model–some components may not be available / Modelo descontinuado–algunos componentes pueden no estar disponibles.**

SINGLE HANDLE MONITOR SERIES BATH VALVES
MODELS: 1300 & 1400

RP28601▲
Showerhead
Cabeza de Regadera



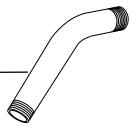
506113
Showerhead
Cabeza de Regadera

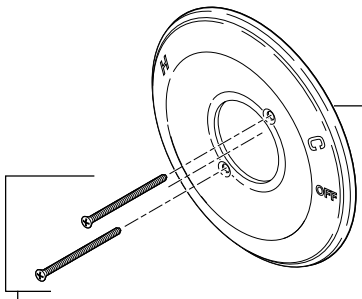


RP6025▲
Shower Flange
Chapetón de Regadera



RP6023▲
Shower Arm
Brazo de Regadera





806811▲
Escutcheon
Escudete

RP25804
Mounting Bracket Screws
Tornillos de Soporte

RP76
Pipe Plug
Cavija de Tuberia



RP37730
Mounting Bracket
w/Screws
Tornillos con Abrazadera
de Montura

RP34849
1/2" Female IPS Pipe Cap–Brass
Tapa hembra de bronce de la
tubería IPS de 1/2"



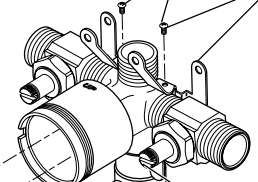
801542▲
Trim Screws /Tornillos

808650 ▲
1" Longer Screws
Tornillos 1" Más Largo

806852
Valve Cartridge
Válvula de Cartucho

801170
"O" Rings
Anillos "O"

804075
Housing Assembly
Ensamble de Caja

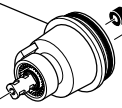


804074
Cap Assembly
Ensamble de Tapón

806806▲
Trim Sleeve, Bonnet,
O-Ring, & Spacer
Manga de Franja, Bonete,
Anillo "O" y Separadores

807299
Screwdriver Stop Assembly–
WS Models Only
Ensamble del Vástago del Tope–
Sólo Modelos de WS

804073
Rotational Limit Stop
Tope de Límite de Girar



806812▲
Escutcheon for
Push-button Diverter
Escudete para de
Botón Pulsador

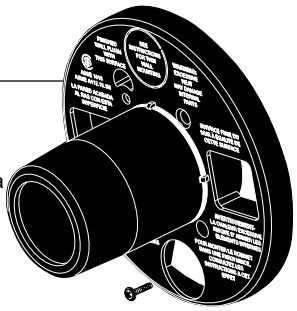
807749▲
Push Button Diverter
Desviador de Botón Pulsador

805409
Seats & Springs
Asientos y Resortes

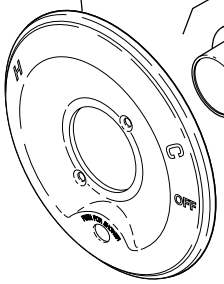
806802
Bonnet /Bonete

RP23336
O-Ring
Anillo "O"

RP37729BL
Black–Plasterguard/
Thin Wall Mounting Bracket
Negro–Protector de Enlucido/
Pared Delgada Soporte de Montura



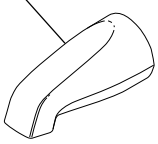
RP29569
Spacer
Separadores



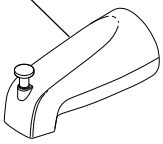
RP39407▲
Trim Sleeve
Manga de Franja

806800▲
Trim Sleeve–For Brazed Body Version*
Manga de Franja–Para la versión de cuerpo soldado

RP5833▲(Metal /Metálico)
Tub Spout/Non-Diverter
Tubo de Salida para Bañera/
Sin Desviador

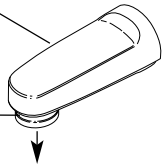


402022▲(Metal / Metálico)
Tub Spout/Pull-Up Diverter
Tubo de Salida para Bañera/
Botón Desviador de Alzar



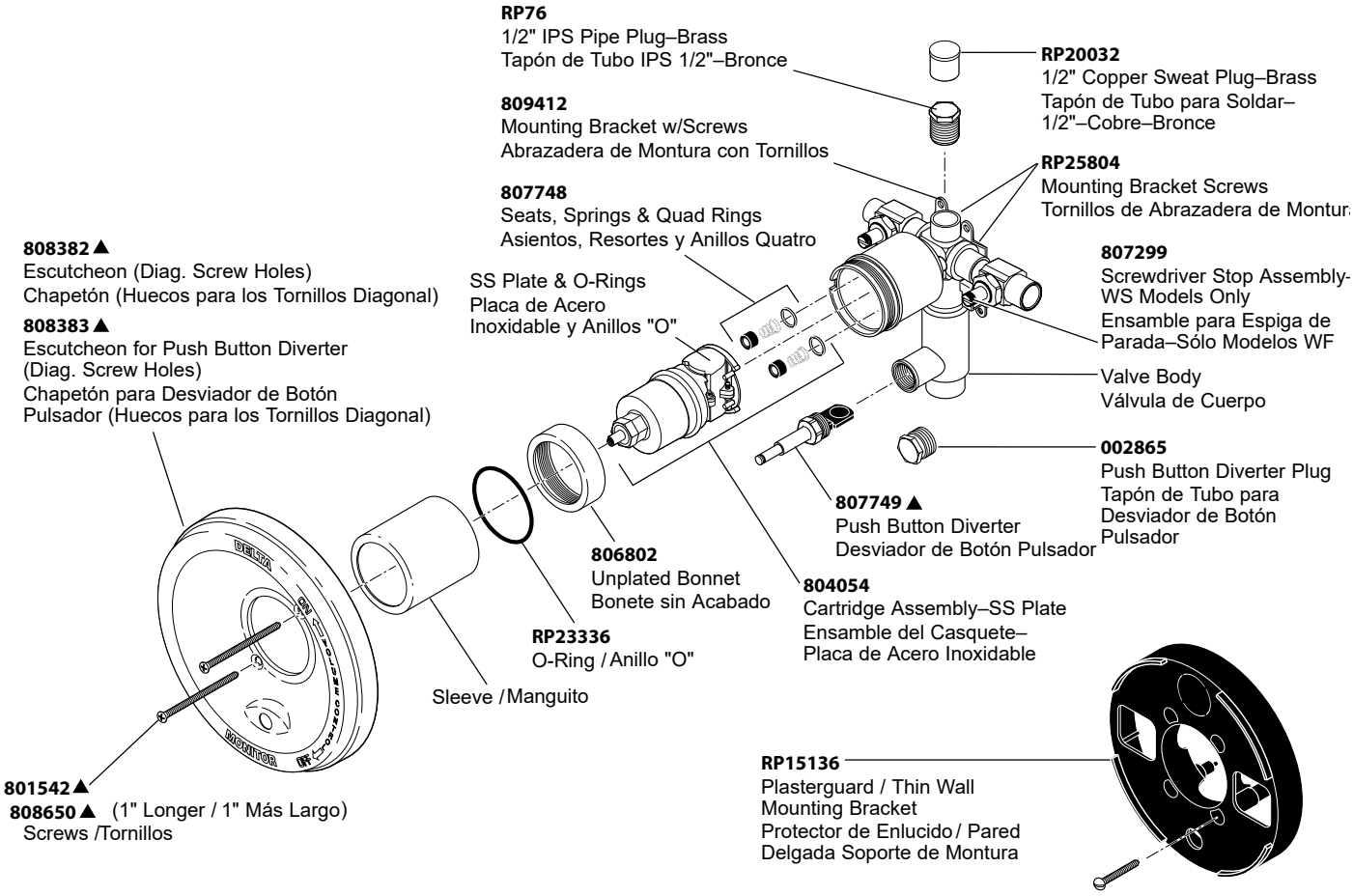
808819 ▲(Non-Metal /Sin-Metálico)
808449 ▲(Metal /Metálico)
Tub Spout/Pull-Down Diverter
Tubo de Salida para Bañera/
Desviador de Halar

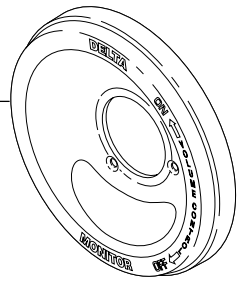
Pull-Down
Halar Hacia Abajo



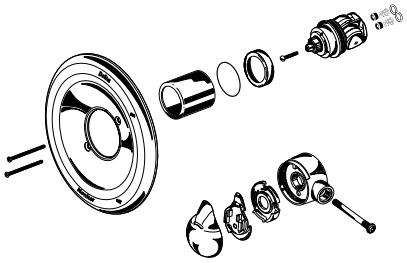
*For models manufactured before January 2003 / Para modelos fabricados antes de Enero 2003
▲Specify finish / Especifíque el Acabado

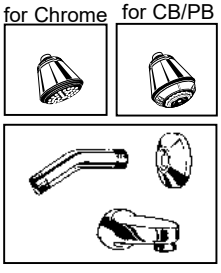
SINGLE HANDLE MONITOR SERIES BATH VALVES
1500 SERIES

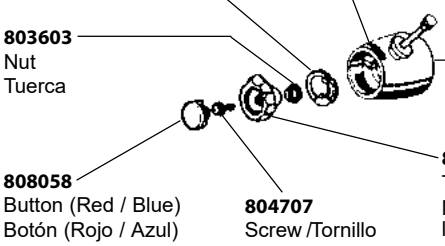




RP29405, RP29406CB, RP29406PB
Conversion Kit for Monitor1500 Series to Monitor 1700 Trim (with diagonal escutcheon screw holes only)
Juego de herramientas de conversión para los accesorios decorativos de la Series Monitor1500 hasta Monitor 1700 (solo chapetón diagonal con los agujeros para los tornillos)

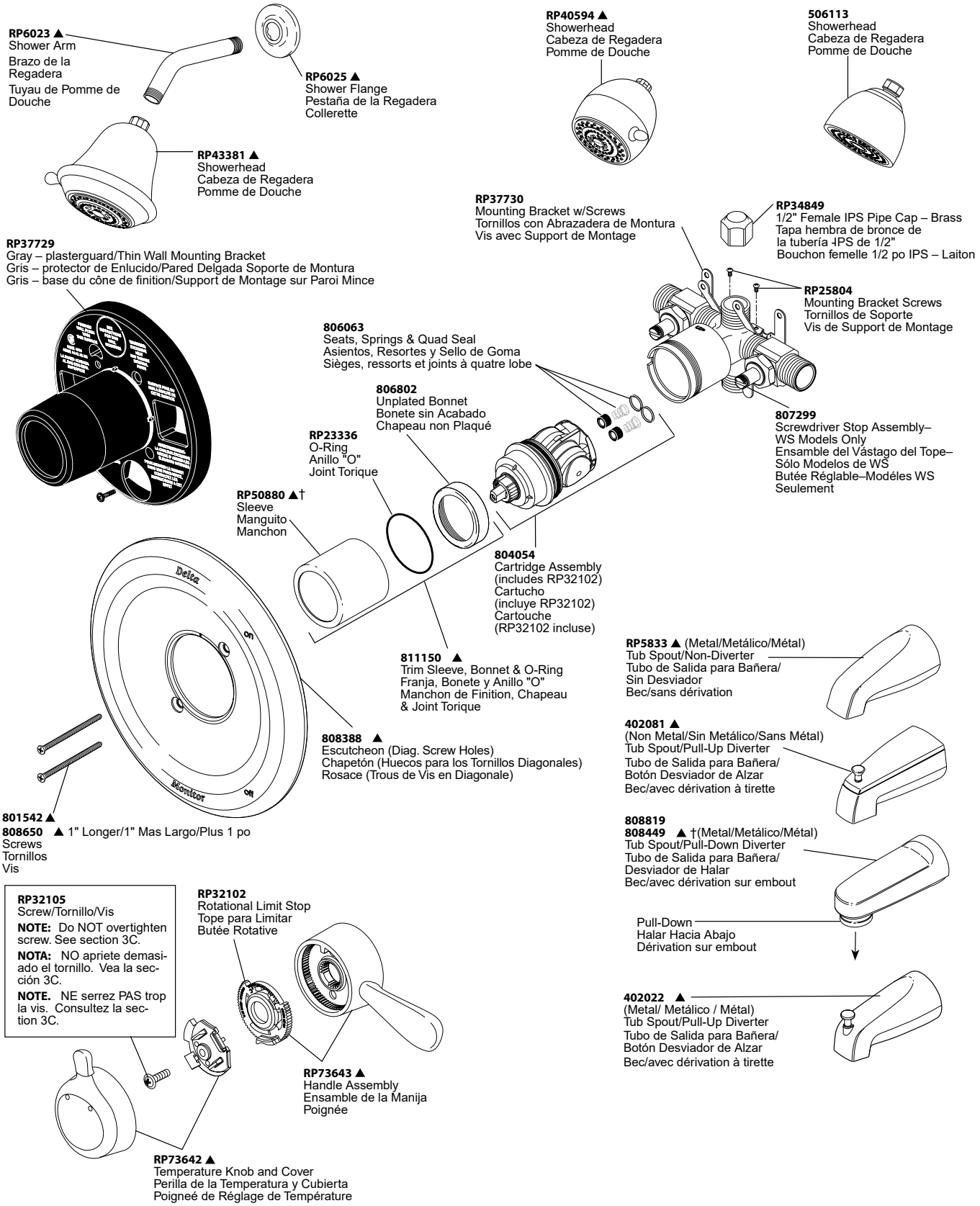






▲Specify finish / Especifíque el Acabado
*Discontinued model–some components may not be available / Modelo descontinuado–algunos componentes pueden no estar disponibles.

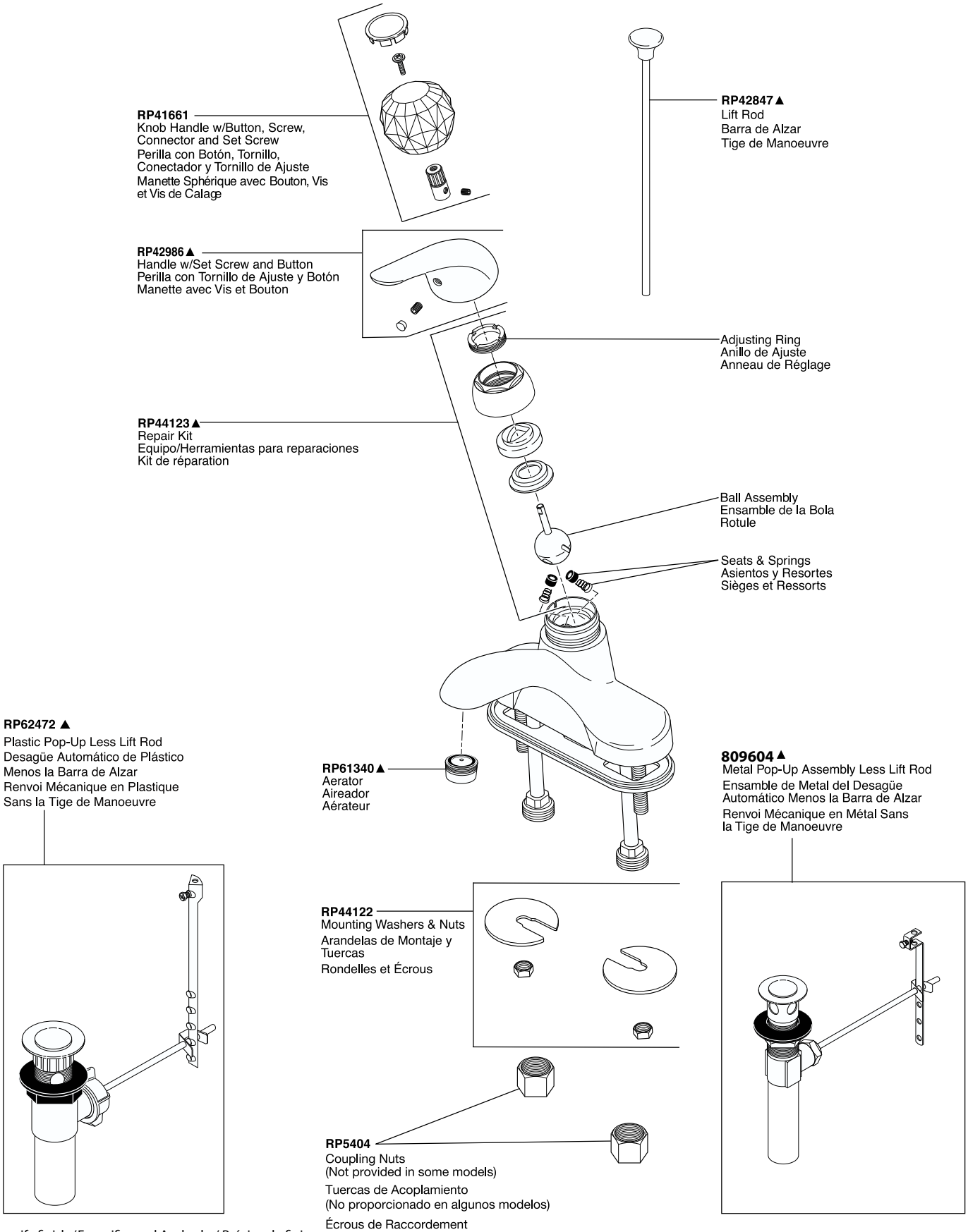
SINGLE HANDLE MONITOR SERIES BATH VALVES
1700 SERIES



▲Specify Finish/Especifíque el Acabado/Précisez le Fini
† Designates the accent color on split finish models./Designa el color para acentuar los modelos con acabados divididos./Désigne la couleur contrastante sur les modèles à deux finis.

FOUNDATIONS® SINGLE-HANDLE LAVATORY FAUCETS

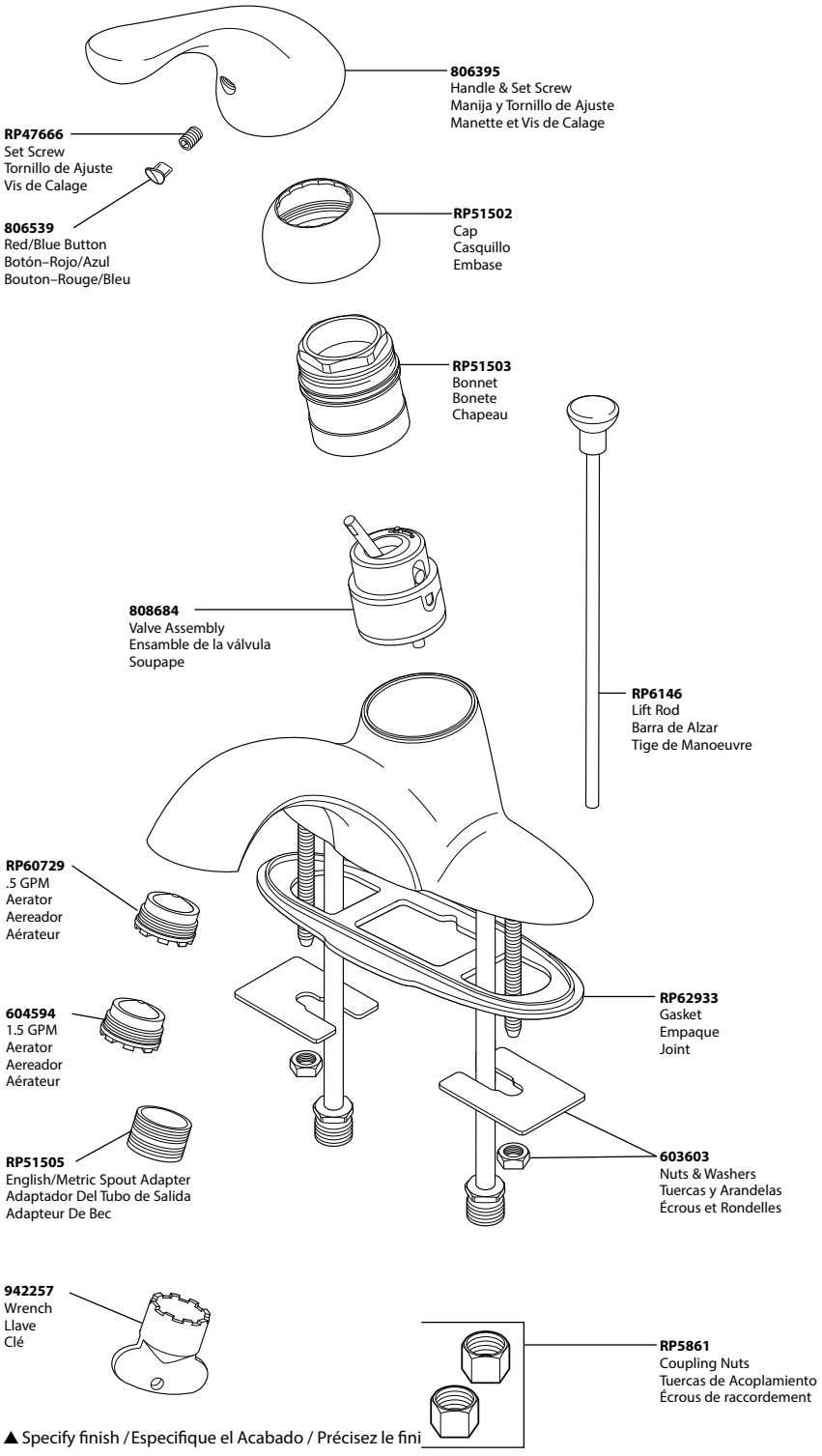
MODELS: B501LF, B510LF, B512LF, B5110LF-PPU, B510LF-PPU

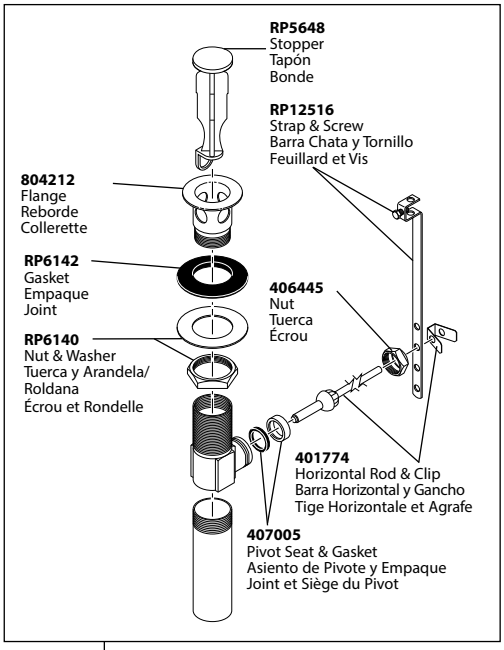


▲ Specify finish /Especifique el Acabado / Précisez le fini

CLASSIC SINGLE-HANDLE LAVATORY FAUCETT

MODELS: 501LF-WF & 520LF-WF



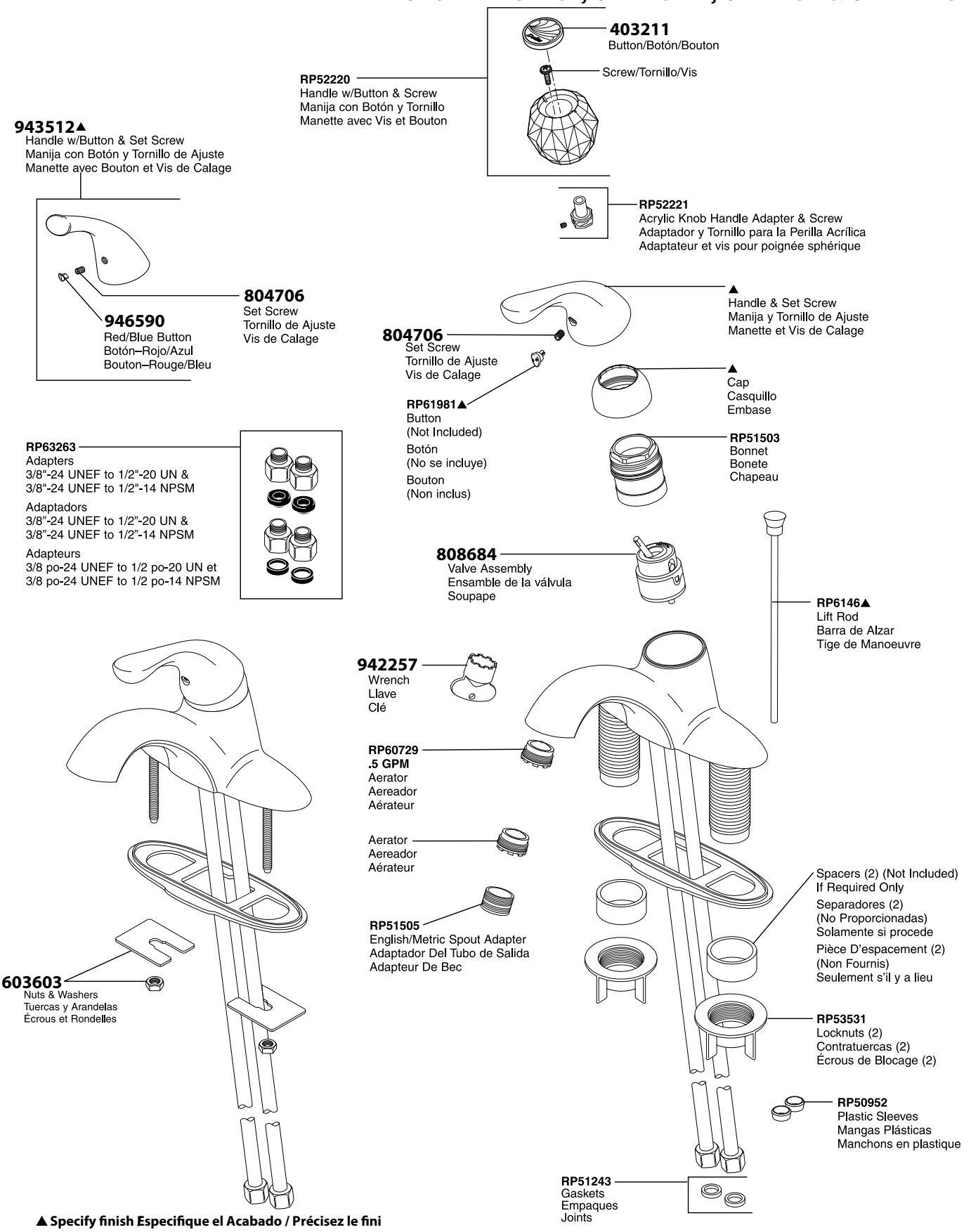


809604
Metal Pop-Up Assembly Less Lift Rod
Ensamble de Metal del Desagüe Automático Menos la Barra de Alzar
Renvoi Mécanique en Métal Sans la Tige de Manoeuvre

▲ Specify finish / Especifique el Acabado / Précisez le fini

CLASSIC SINGLE-HANDLE LAVATORY FAUCETT

MODELS: 500-DST, 501-DST, 501M-DST, 502-DST, 520-DST, 520-A-DST, 520M-MPU-DST, 521-DST-A, 522-DST & 522-A-DST

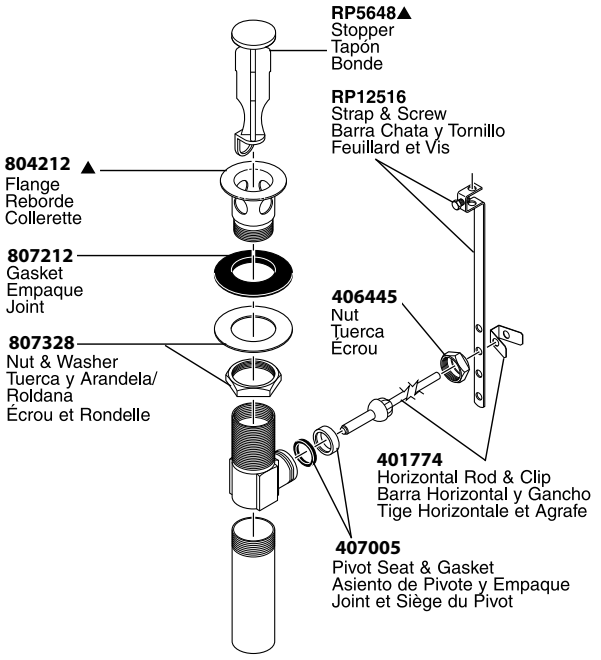


▲ Specify finish Especifique el Acabado / Précisez le fini

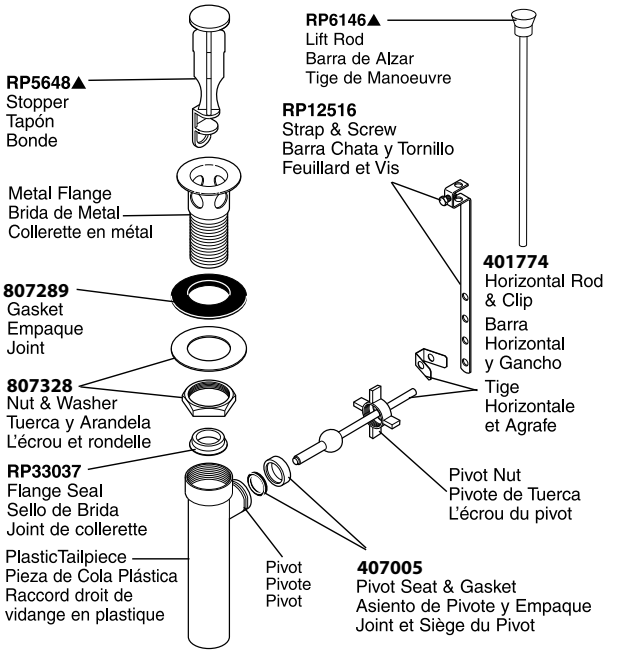
CLASSIC SINGLE-HANDLE LAVATORY FAUCETT

MODELS: 500-DST, 501-DST, 501M-DST, 502-DST, 520-DST, 520-A-DST, 520M-MPU-DST, 521-DST-A, 522-DST & 522-A-DST

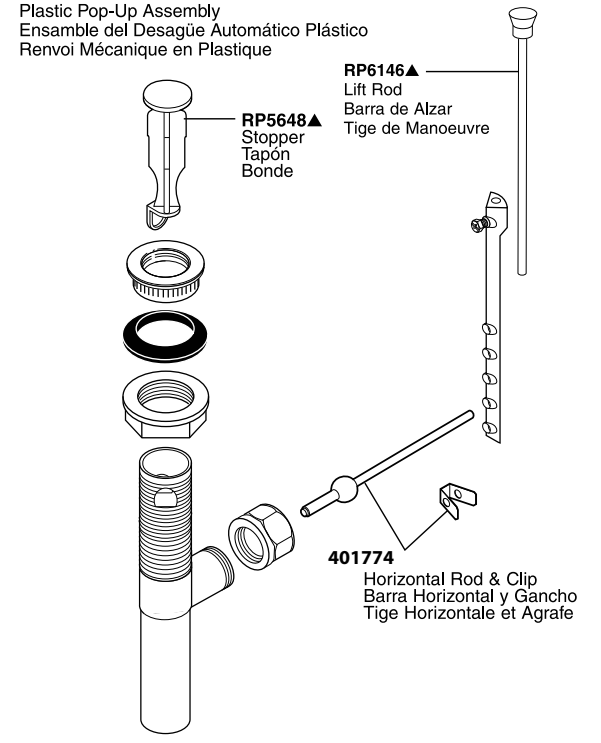
809604 ▲
Metal Pop-Up Assembly Less Lift Rod
Ensamble de Metal del Desagüe Automático Menos la Barra de Alzar
Renvoi Mécanique en Métal Sans la Tige de Manoeuvre



802277 ▲
Pop-Up with Metal Flange and Plastic Tail Piece
Drenaje automático con brida de metal y la pieza de cola plástica
Renvoi mécanique avec collerette en métal et raccord droit de vidange en plastique



RP34953
Plastic Pop-Up Assembly
Ensamble del Desagüe Automático Plástico
Renvoi Mécanique en Plastique

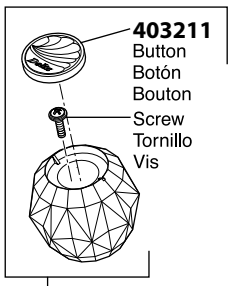


▲ Specify finish / Especifique el Acabado / Précisez le fini

ATLANTIC COASTAL SUPPLY INC.
ACSPARTS.NET (800) 520 - 0556

INNOVATIONS® SINGLE-HANDLE LAVATORY FAUCET

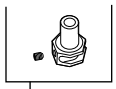
MODELS: 540-DST, 541-DST, 542-DST & 544-DST



403211
Button
Botón
Bouton

Screw
Tornillo
Vis

RP52220
Handle w/Button & Screw
Manija con Botón y Tornillo
Manette avec Vis et Bouton



RP52221
Adapter & Screw
Adaptador y Tornillo
Adaptateur et Vis

RP28183
Adapter
Adaptador
Adaptateur

RP28181▲
Spindle
Husillo
Axe Fileté

RP28182▲
Blade
Aleta
Poignée
à Oreille

RP28184
Red/Blue Button
Botón–Rojo/Azul
Bouton–Rouge/Bleu

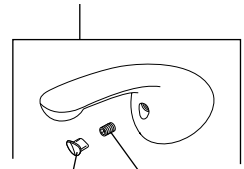
804706
Set Screw
Tornillo de Ajuste
Vis de Calage

RP28187▲
Handle Base w/Screw & Button
Base de Manija con Tornillo y Botón
Embase de Poignée avec Vis et Capuchon

RP51502▲
Cap
Casquillo
Embase

RP51503
Bonnet
Bonete
Chapeau

803311▲
Handle w/Button & Set Screw
Manija con Botón y Tornillo de Ajuste
Manette avec Bouton et Vis de Calage



RP28096
Red/Blue Button
Botón–Rojo/Azul
Bouton–Rouge/Bleu

804706
Set Screw
Tornillo de Ajuste
Vis de Calage

808684
Valve Assembly
Ensamble de la válvula
Soupape

RP52215▲
Lift Rod
Barra de Alzar
Tige de Manoeuvre

RP52214▲
Lift Rod
Barra de Alzar
Tige de Manoeuvre

604594
Aerator
Aereador
Aérateur

RP52217
Wrench
Llave
Clé

RP52219
Gasket
Empaque
Joint

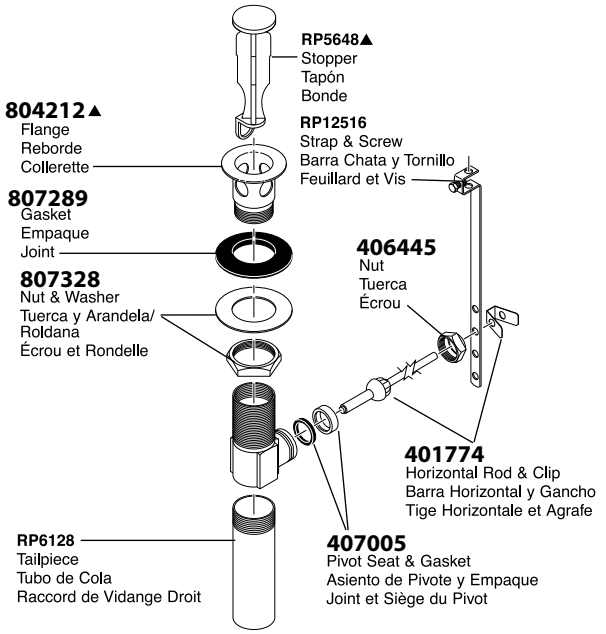
RP54899
Spacers (2) (Not Includ
If Required Only
Separadores (2)
(No Proporcionadas)
Solamente si procede
Pièce D'espacement (2
(Non Fournis)
Seulement s'il y a lieu

RP30628
Locknuts (2)
Contratuercas (2)
Écrous de Blocage (2)

RP50952
Plastic Sleeves
Mangas Plásticas
Manchons en plast

RP51243
Gaskets
Empaques
Joints

809604▲ Metal Pop-Up Assembly Less Lift Rod
809604▲ Ensamble de Metal del Desagüe Automático Sin la Barra de Alzar
809604▲ Renvoi Mécanique en Métal Sans la Tige de Manoeuvre



RP5648▲
Stopper
Tapón
Bonde

804212▲
Flange
Reborde
Collerette

RP12516
Strap & Screw
Barra Chata y Tornillo
Feuillard et Vis

807289
Gasket
Empaque
Joint

406445
Nut
Tuerca
Écrou

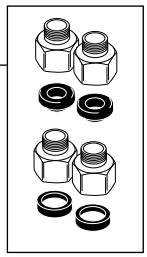
807328
Nut & Washer
Tuerca y Arandela/
Roldana
Écrou et Rondelle

401774
Horizontal Rod & Clip
Barra Horizontal y Gancho
Tige Horizontale et Agrafe

RP6128
Tailpiece
Tubo de Cola
Raccord de Vidange Droit

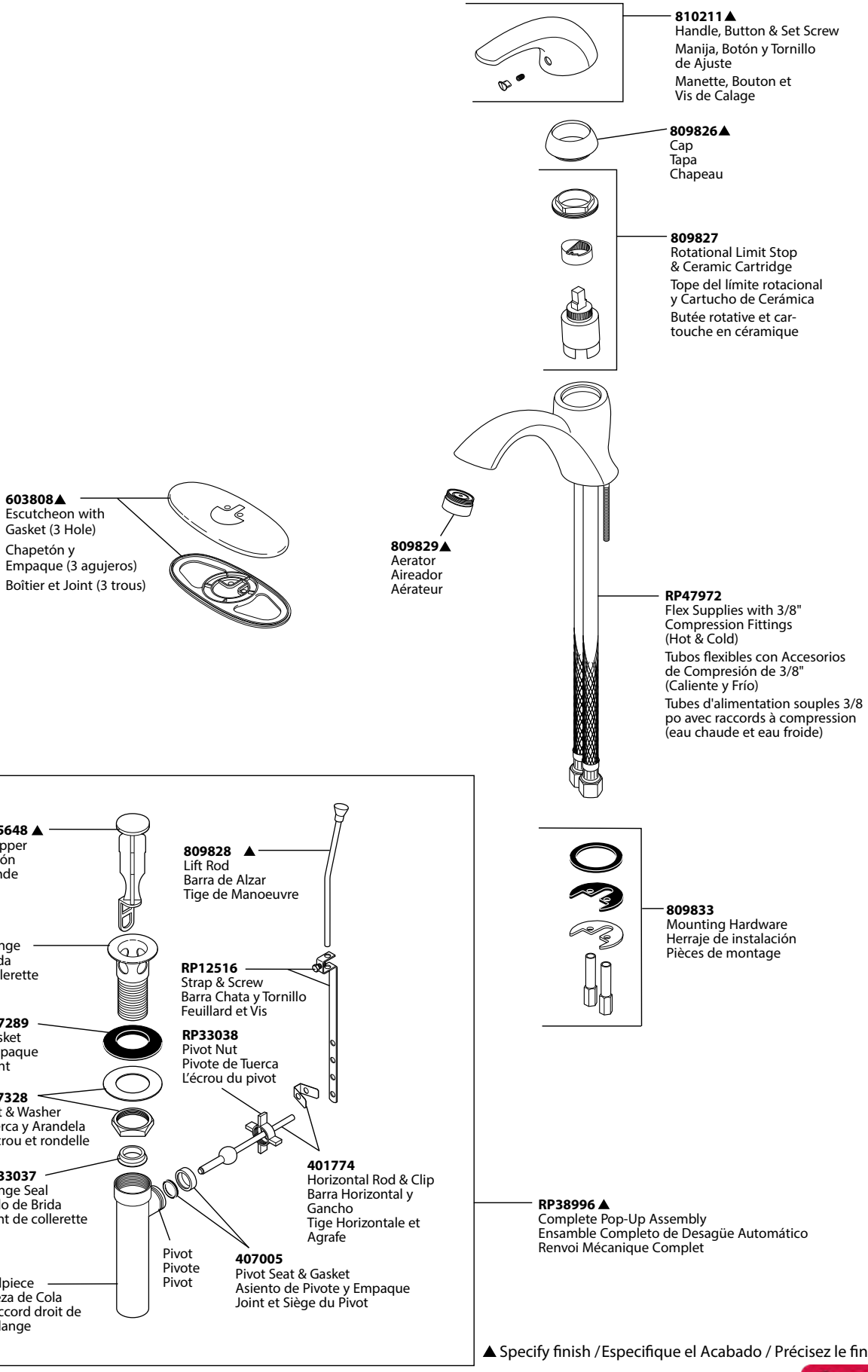
407005
Pivot Seat & Gasket
Asiento de Pivote y Empaque
Joint et Siège du Pivot

RP63263
Adapters
3/8"-24 UNEF to 1/2"-20 UN &
3/8"-24 UNEF to 1/2"-14 NPSM
Adaptadors
3/8"-24 UNEF to 1/2"-20 UN &
3/8"-24 UNEF to 1/2"-14 NPSM
Adapteurs
3/8 po-24 UNEF to 1/2 po-20 UN et
3/8 po-24 UNEF to 1/2 po-14 NPSM



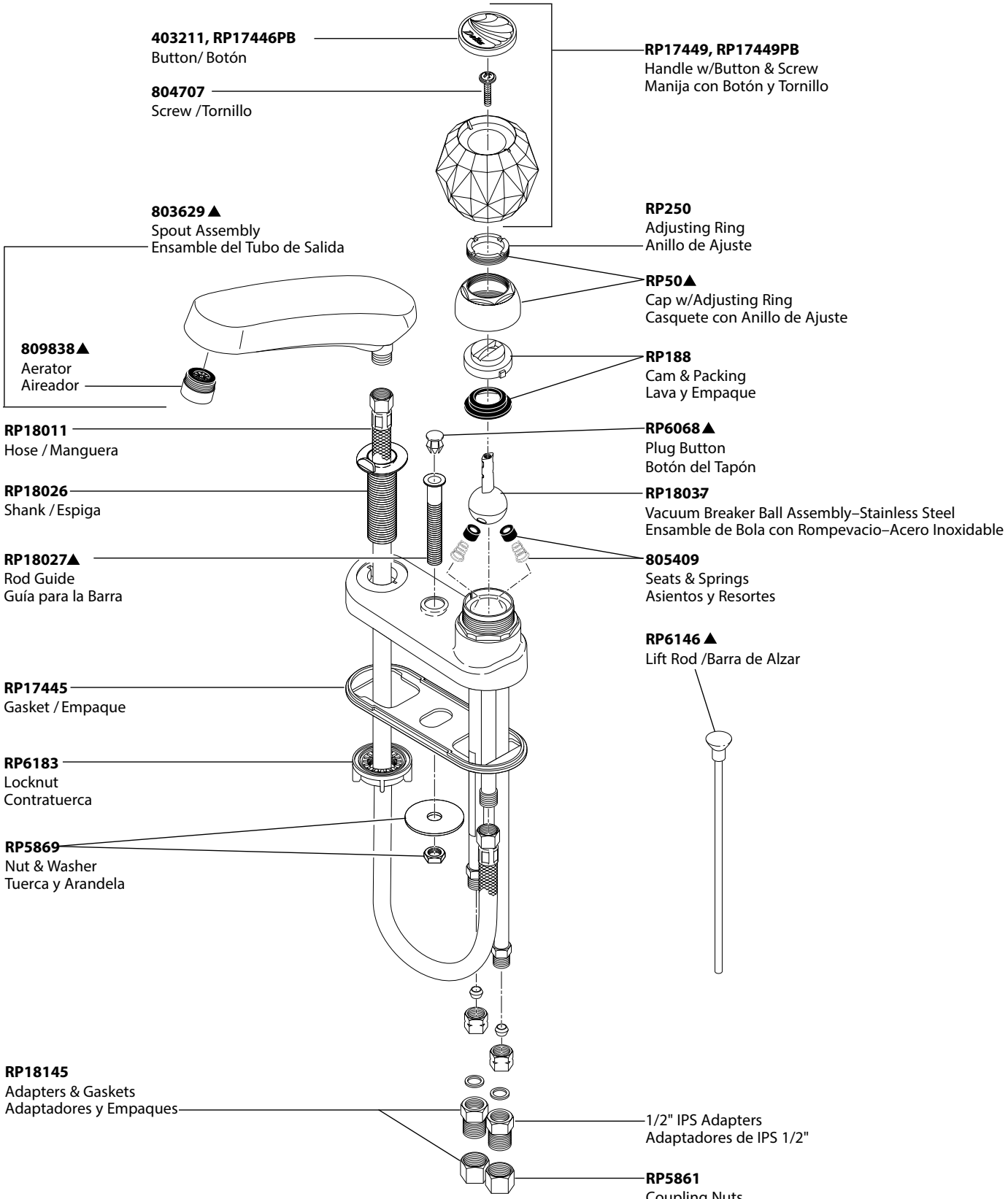
▲ Specify finish / Especifique el Acabado / Précisez le fini

SINGLE-HANDLE LAVATORY FAUCET MODEL: 583LF-WF



▲ Specify finish /Especifique el Acabado / Précisez le fini

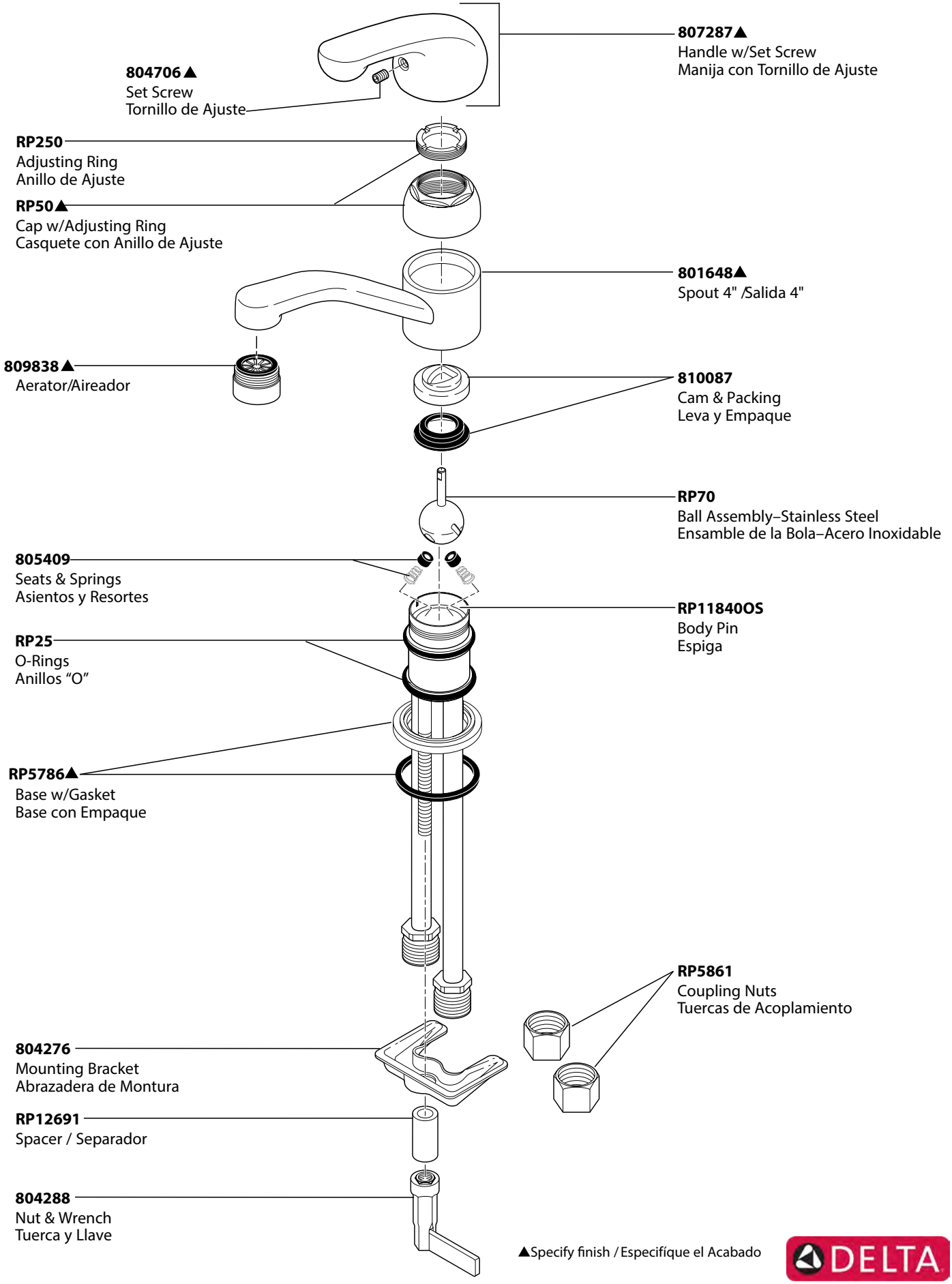
HANDI-LAV® SINGLE-HANDLE PULL-OUT FAUCET
MODEL: 550



- The vacuum breaker ball assembly is an important part of protecting your drinking water from contamination by back siphonage. Use only the Delta RP18037 ball assembly.
- El ensamble de bola con rompevacio es una parte importante en proteger su agua potable de contaminación por causa del retrosedimiento de agua. Use sólo el ensamble de bola Delta RP18037.

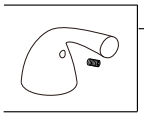
▲Specify finish / Especifíque el Acabado

SINGLE-HANDLE LAVATORY FAUCET 570 SERIES

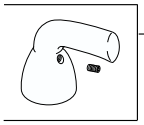


▲Specify finish / Especifíque el Acabado

FOUNDATIONS® TWO-HANDLE LAVATORY FAUCET
MODELS: B2510LF, B2512LF, B2510LF-PPU, B2512LF-PPU & B2515LF-PPU



RP70815▲
Hot & Cold Lever Handles w/Screws
Manijas en palanca con tornillos de agua fría y caliente
Manettes-leviers d'eau chaude et d'eau froide avec vis

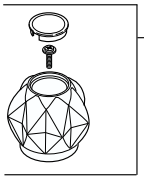


RP41680▲
Hot & Cold Lever Handles w/Screws
Manijas en palanca con tornillos de agua fría y caliente
Manettes-leviers d'eau chaude et d'eau froide avec vis

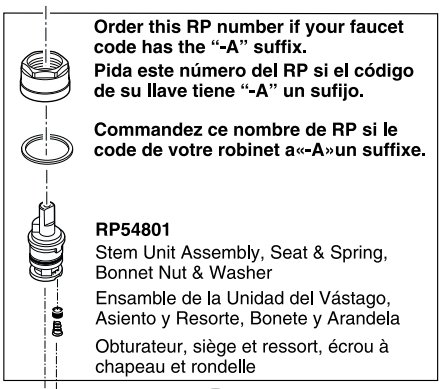
RP20547
Retention Screws
Note: These screws must be installed into the hole in the top of the stem unit assemblies (1) when using handles mounted from the sides.

Tornillos de Retención
Nota: Cuando usa manijas instaladas desde los costados, estos tornillos deben instalarse dentro del agujero encima de los ensambles de la unidad de la espiga (1).

Vis de retenue
Note: ces vis doivent être installées dans les trous sur le dessus des obturateurs (1) lorsque vous utilisez des poignées qui se montent parles côtés.

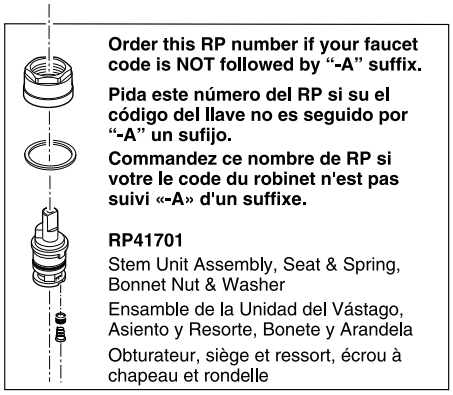


RP42848
Hot & Cold Knob Handles w/Buttons & Screws
Perillas con botones y tornillos de agua fría y caliente
Manettes sphériques d'eau chaude et d'eau froide avec boutons et vis



Order this RP number if your faucet code has the "-A" suffix.
Pida este número del RP si el código de su llave tiene "-A" un sufijo.
Commandez ce nombre de RP si le code de votre robinet a«-A»un suffixe.

RP54801
Stem Unit Assembly, Seat & Spring, Bonnet Nut & Washer
Ensamble de la Unidad del Vástago, Asiento y Resorte, Bonete y Arandela
Obturateur, siège et ressort, écrou à chapeau et rondelle

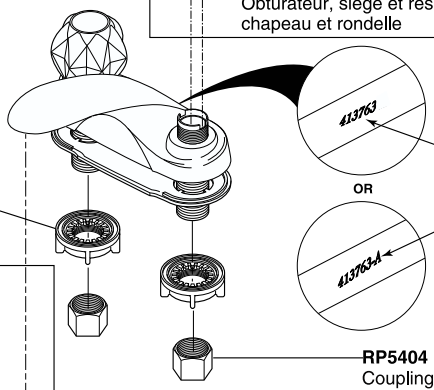


Order this RP number if your faucet code is NOT followed by "-A" suffix.
Pida este número del RP si su el código del llave no es seguido por "-A" un sufijo.
Commandez ce nombre de RP si votre le code du robinet n'est pas suivi «-A» d'un suffixe.

RP41701
Stem Unit Assembly, Seat & Spring, Bonnet Nut & Washer
Ensamble de la Unidad del Vástago, Asiento y Resorte, Bonete y Arandela
Obturateur, siège et ressort, écrou à chapeau et rondelle

RP1723
Plug Button
Botón del Tapón
Bouton

RP42847▲
Lift Rod
Barra de Alzar
Tige de Manoeuvre



The faucet code is found on the back of the escutcheon.
El código del llave se encuentra en la parte posterior del escudo.
Le code du robinetest trouvé sur ledos du cache.

RP5412
Locknuts
Contratuercas
Ècrous de Blocage

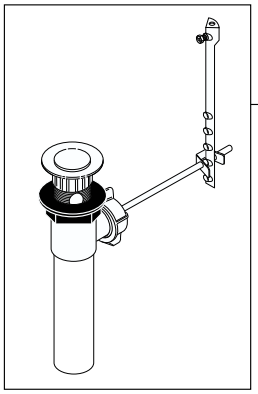
RP5404
Coupling Nuts
(Not provided in some models)
Tuercas de Acoplamiento
(No proporcionado en algunos modelos)
Écrous de Raccordement
(Non fourni dans quelques modèles)

Order this RP number if your faucet code has the "-A" suffix.
Pida este número del RP si el código de su llave tiene "-A" un sufijo.
Commandez ce nombre de RP si le code de votre robineta « - A» un suffixe.

RP64019▲
Aerator
Aireador
Aérateur

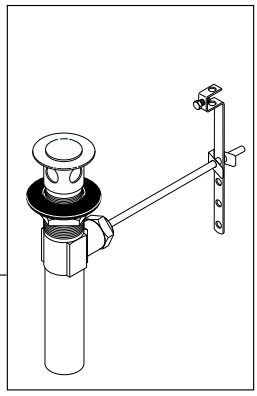
Order this RP number if your supplier's code is NOT followed by "-A" suffix.
Pida este número del RP si su el código del proveedor no es seguido por "-A" un sufijo.
Commandez ce nombre de RP si votre le code du fournisseur n'est pas suivi « -A » d'un suffixe.

RP61340▲
Aerator
Aireador
Aérateur



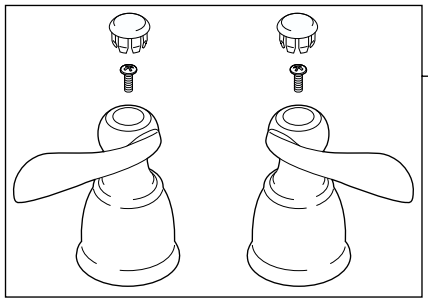
RP62472▲
Plastic Pop-Up Less Lift Rod
Desagüe Automático de Plástico Menos la Barra de Alzar
Renvoi Mécanique en Plastique Sans la Tige de Manoeuvre

809604▲
Metal Pop-Up Assembly Less Lift Rod
Ensamble de Metal del Desagüe Automático Menos la Barra de Alzar
Renvoi Mécanique en Métal Sans la Tige de Manoeuvre



▲ Specify finish / Especifique el Acabado / Précisez le fini

FOUNDATIONS® TWO-HANDLE LAVATORY FAUCET
MODEL: B2596LF

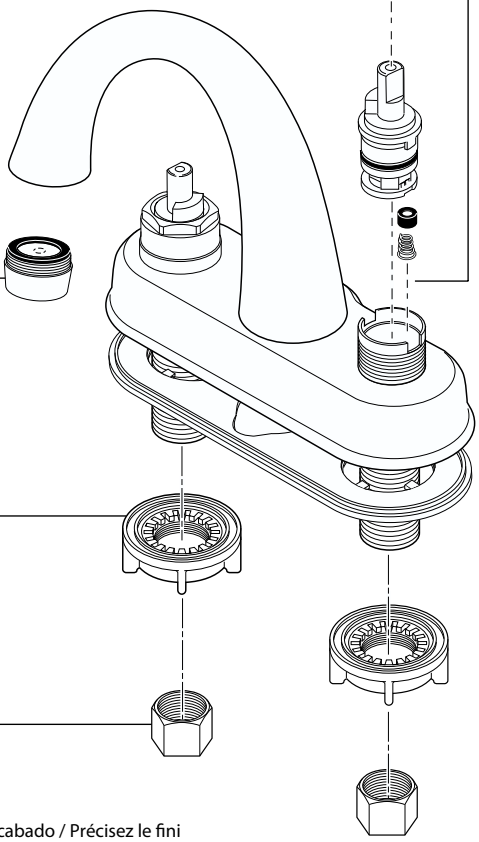


RP41679▲
Hot & Cold "S" Lever Handles with Buttons & Screws
Manijas en Palanca en "S" con Botones y Tornillos de agua fría y caliente
Manettes–leviers d'eau chaude et d'eau froide en S avec boutons



RP42092▲
Lift Rod
Barra de Alzar
Tige de Manoeuvre

RP41701
Stem Unit Assembly, Seat & Spring, Bonnet Nut & Washer
Ensamble de la Unidad del Vástago, Asiento y Resorte, Bonete y Arandela
Obturateur, siège et ressort, écrou à chapeau et rondelle

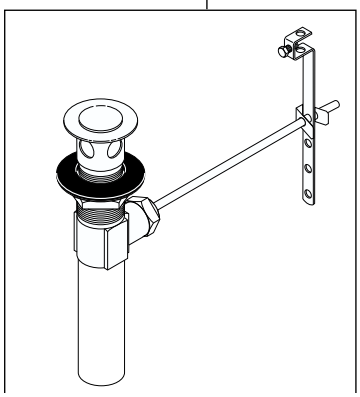


RP61340▲
Aerator
Aireador
Aérateur

RP5412
Locknuts
Contratuercas
Ècrous de Blocage

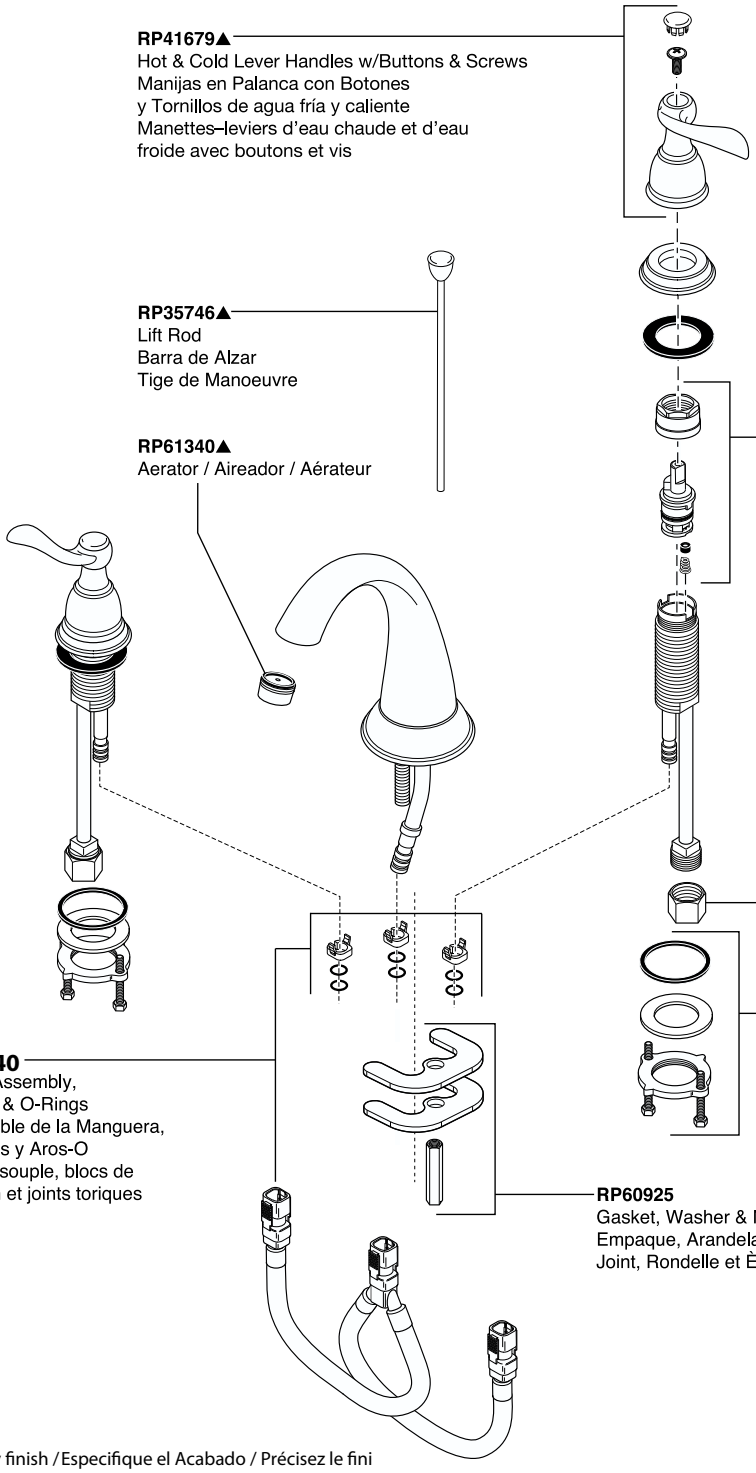
RP5404
Coupling Nuts
Tuercas de Acoplamiento
Écrous de Raccordement

809604
Metal Pop-Up Assembly Less Lift Rod
Ensamble de Metal del Desagüe Automático Menos la Barra de Alzar
Renvoi Mécanique en Métal Sans la Tige de Manoeuvre



▲ Specify finish / Especifique el Acabado / Précisez le fini

FOUNDATIONS® TWO-HANDLE LAVATORY FAUCET
MODEL: B3596LF



RP41679▲
Hot & Cold Lever Handles w/Buttons & Screws
Manijas en Palanca con Botones
y Tornillos de agua fría y caliente
Manettes–leviers d'eau chaude et d'eau
froide avec boutons et vis

RP35746▲
Lift Rod
Barra de Alzar
Tige de Manoeuvre

RP61340▲
Aerator / Aireador / Aérateur

012426
Stem Unit Assembly, Seat, Spring & Bonnet Nut
Ensamble de la Unidad del Vástago, Asiento,
Resorte y Bonete
Obturateur, siège, ressort et écrou à chapeau

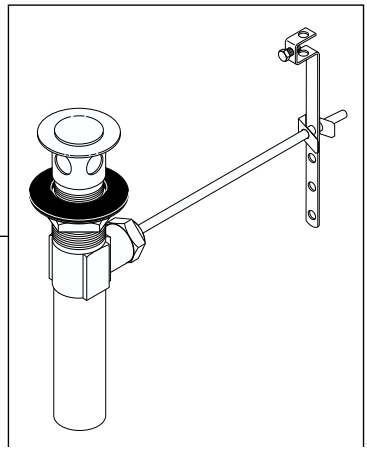
RP5404
Coupling Nuts
Tuercas de Acoplamiento
Ècrous de Raccordement

RP47423
Gaskets (2), Washers (2), Nuts (2) & Screws (4)
Empaques (2), Arandelas (2), Tuercas (2) y Tornillos (4)
Ècrous (2) Joints (2), Rondelles (2), et Vis (4)

022540
Hose Assembly,
Blocks & O-Rings
Ensamble de la Manguera,
Bloques y Aros-O
Tuyau souple, blocs de
fixation et joints toriques

RP60925
Gasket, Washer & Nut
Empaque, Arandela y Tuerca
Joint, Rondelle et Ècrou

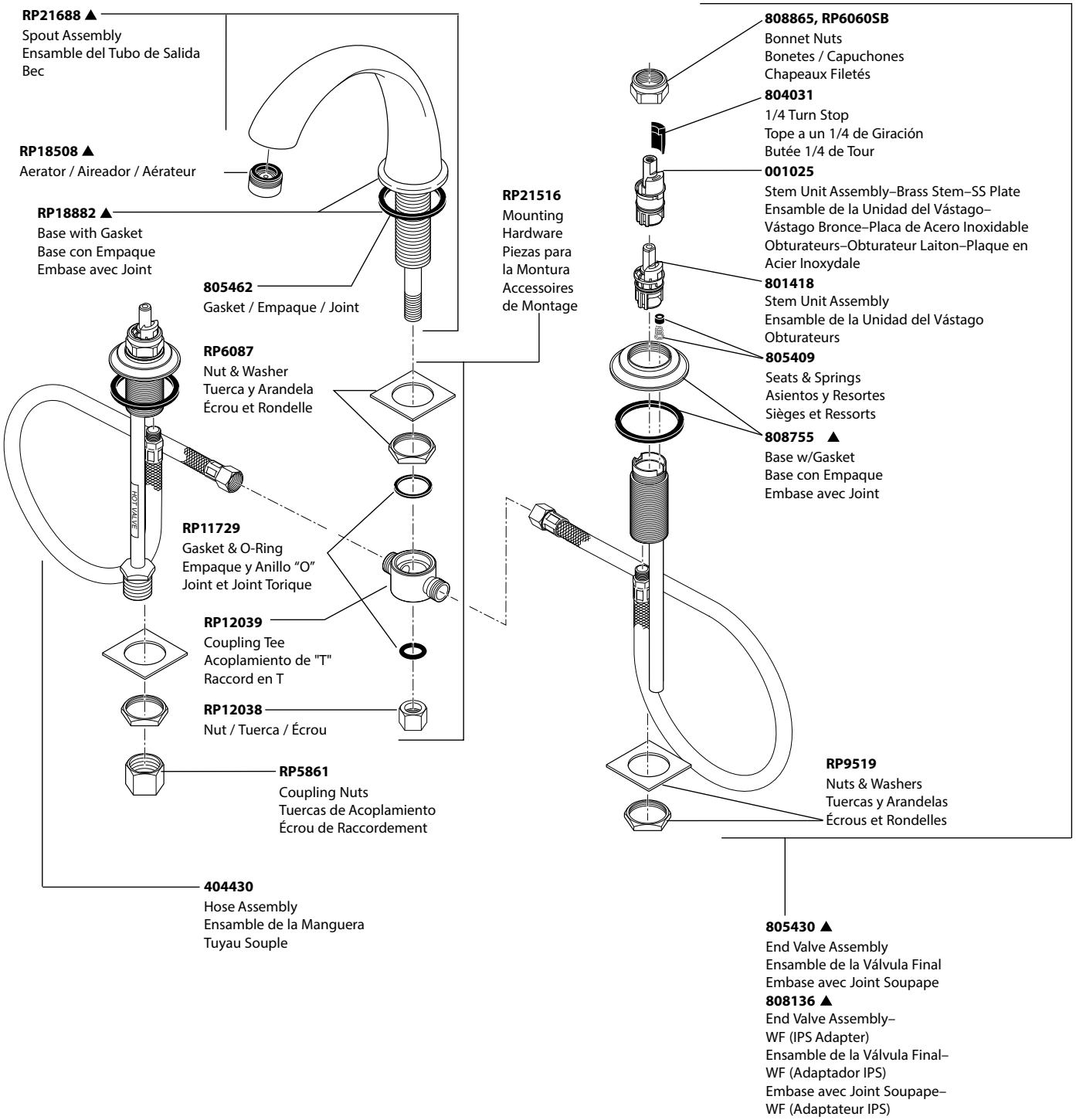
▲ Specify finish / Especifique el Acabado / Précisez le fini



809604 ▲
Metal Pop-Up Assembly Less Lift Rod
Ensamble de Metal del Desagüe
Automático Menos la Barra de Alzar
Renvoi Mécanique en Métal Sans la
Tige de Manoeuvre

NOTES: _____

C-SPOUT TWO-HANDLE LAVATORY FAUCET
MODEL: 3583 (FOR MODELS MANUFACTURED BEFORE SEP `02)



RP21688 ▲
Spout Assembly
Ensamble del Tubo de Salida
Bec

RP18508 ▲
Aerator / Aireador / Aérateur

RP18882 ▲
Base with Gasket
Base con Empaque
Embase avec Joint

805462
Gasket / Empaque / Joint

RP6087
Nut & Washer
Tuerca y Arandela
Écrou et Rondelle

RP11729
Gasket & O-Ring
Empaque y Anillo "O"
Joint et Joint Torique

RP12039
Coupling Tee
Acoplamiento de "T"
Raccord en T

RP12038
Nut / Tuerca / Écrou

RP5861
Coupling Nuts
Tuercas de Acoplamiento
Écrou de Raccordement

404430
Hose Assembly
Ensamble de la Manguera
Tuyau Souple

RP21516
Mounting Hardware
Piezas para la Montura
Accessoires de Montage

808865, RP6060SB
Bonnet Nuts
Bonetes / Capuchones
Chapeaux Filetés

804031
1/4 Turn Stop
Tope a un 1/4 de Giración
Butée 1/4 de Tour

001025
Stem Unit Assembly–Brass Stem–SS Plate
Ensamble de la Unidad del Vástago–Vástago Bronce–Placa de Acero Inoxidable
Obturateurs–Obturateur Laiton–Plaque en Acier Inoxydale

801418
Stem Unit Assembly
Ensamble de la Unidad del Vástago
Obturateurs

805409
Seats & Springs
Asientos y Resortes
Sièges et Ressorts

808755 ▲
Base w/Gasket
Base con Empaque
Embase avec Joint

RP9519
Nuts & Washers
Tuercas y Arandelas
Écrous et Rondelles

805430 ▲
End Valve Assembly
Ensamble de la Válvula Final
Embase avec Joint Soupape

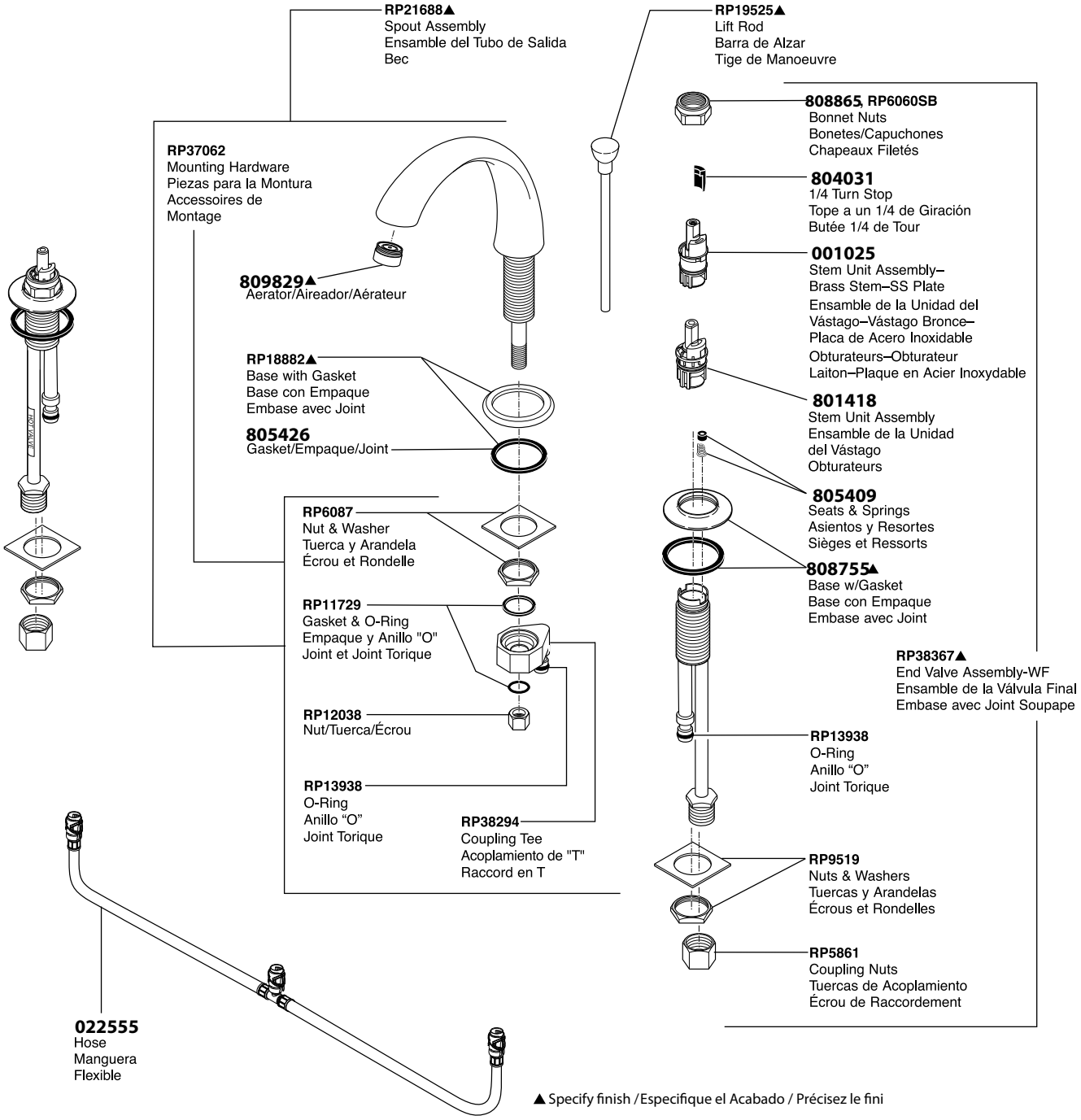
808136 ▲
End Valve Assembly–WF (IPS Adapter)
Ensamble de la Válvula Final–WF (Adaptador IPS)
Embase avec Joint Soupape–WF (Adaptateur IPS)

Thick deck mounting kit available as RP10612 adds 1" to shanks. / *Las herramientas para la instalación en losas gruesas en el equipo RP10612 agrega 1" a la espigas.* / *Système de montage plate-forme épaisse tel que RP10612 ajoute 1 po aux tiges.*

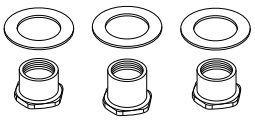
▲ Specify finish /Especifique el Acabado / Précisez le fini

TWO-HANDLE LAVATORY FAUCET

MODEL: 3583 (FOR MODELS MANUFACTURED AFTER SEP `02



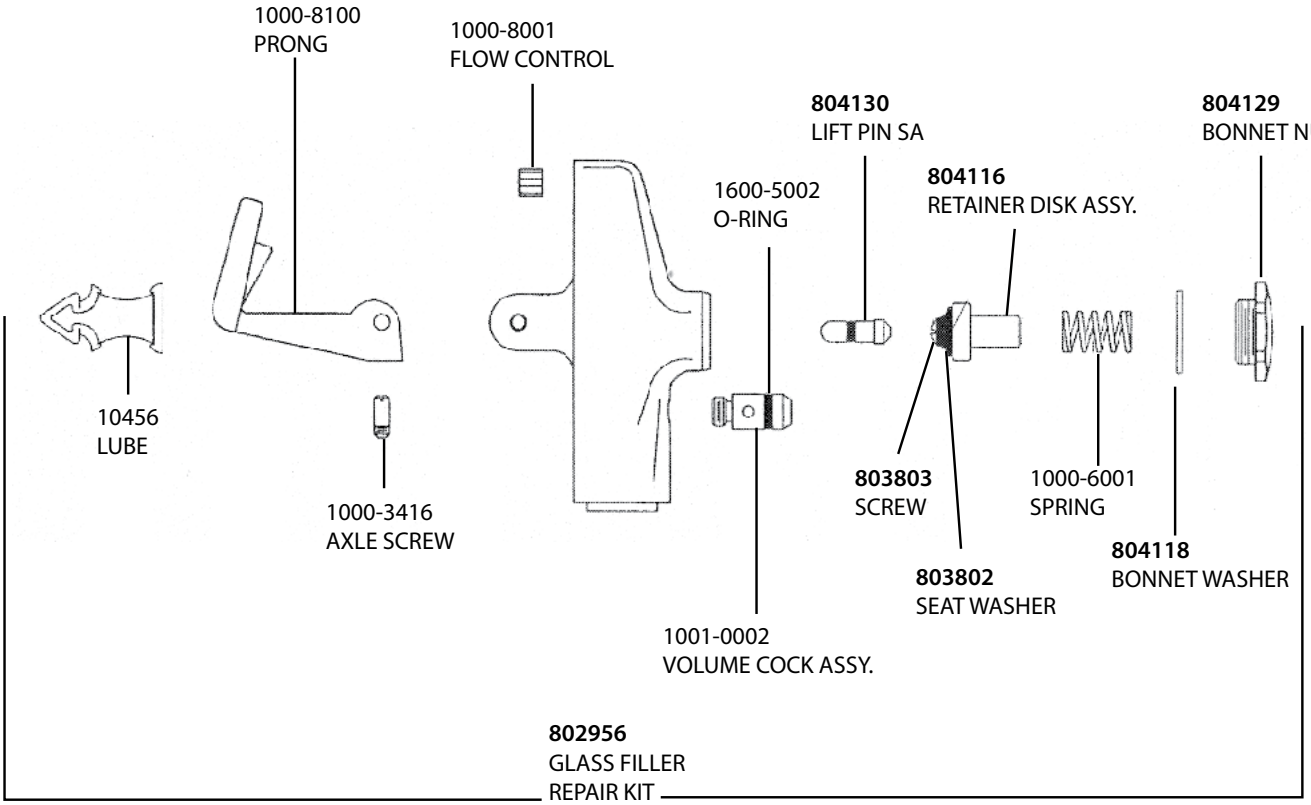
▲ Specify finish / Especifique el Acabado / Précisez le fini

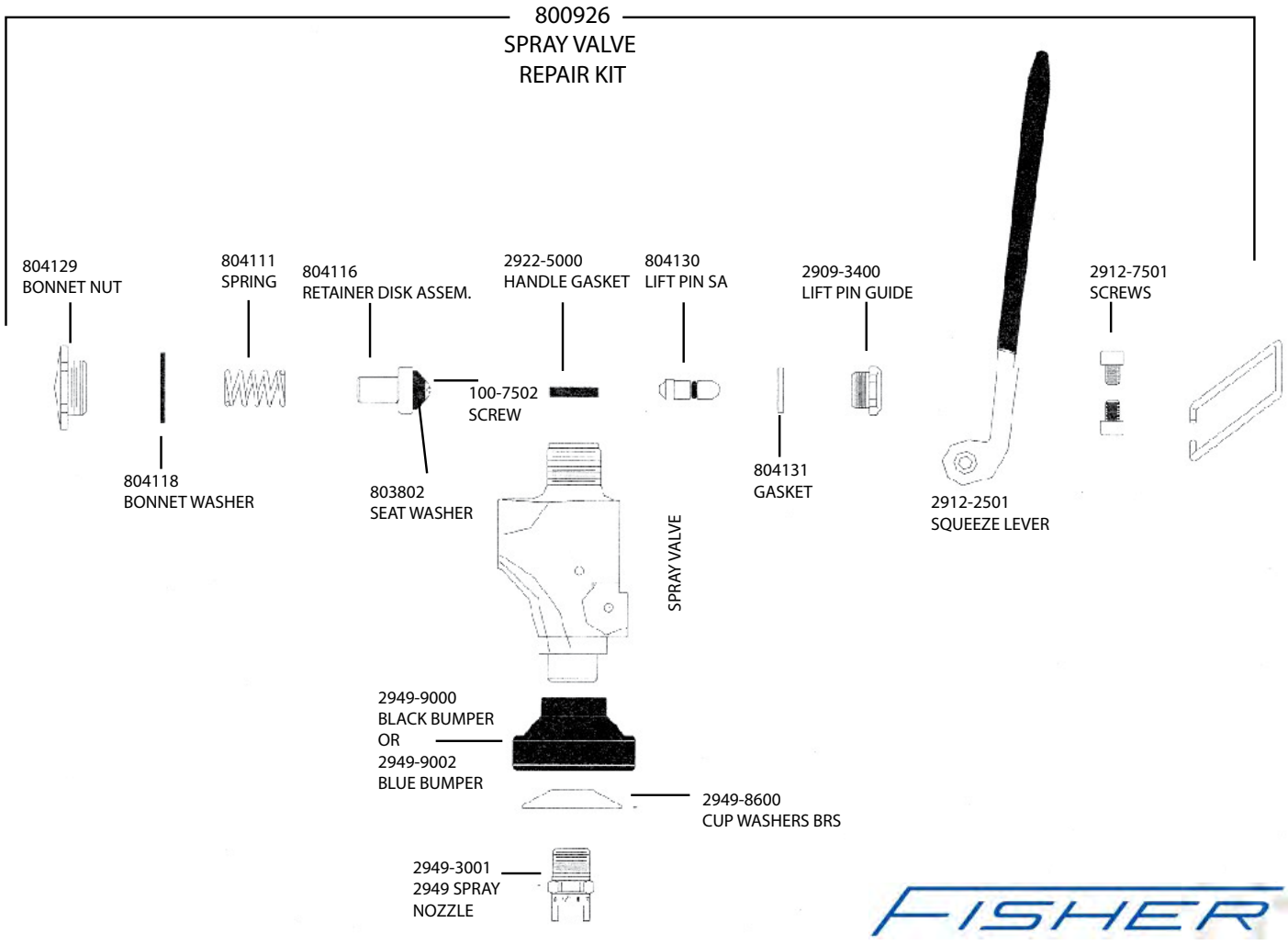


Available thick deck mounting kit **RP10612** adds 1" to maximum deck thickness.
Juego de piezas **RP10612** disponible para superficies más gruesas le agrega 1" al grosor máximo de la superficie de instalación.
Le kit de montage sur surface épaisse **RP10612** disponible ajoute un 1 po à l'épaisseur maximale de la surface.

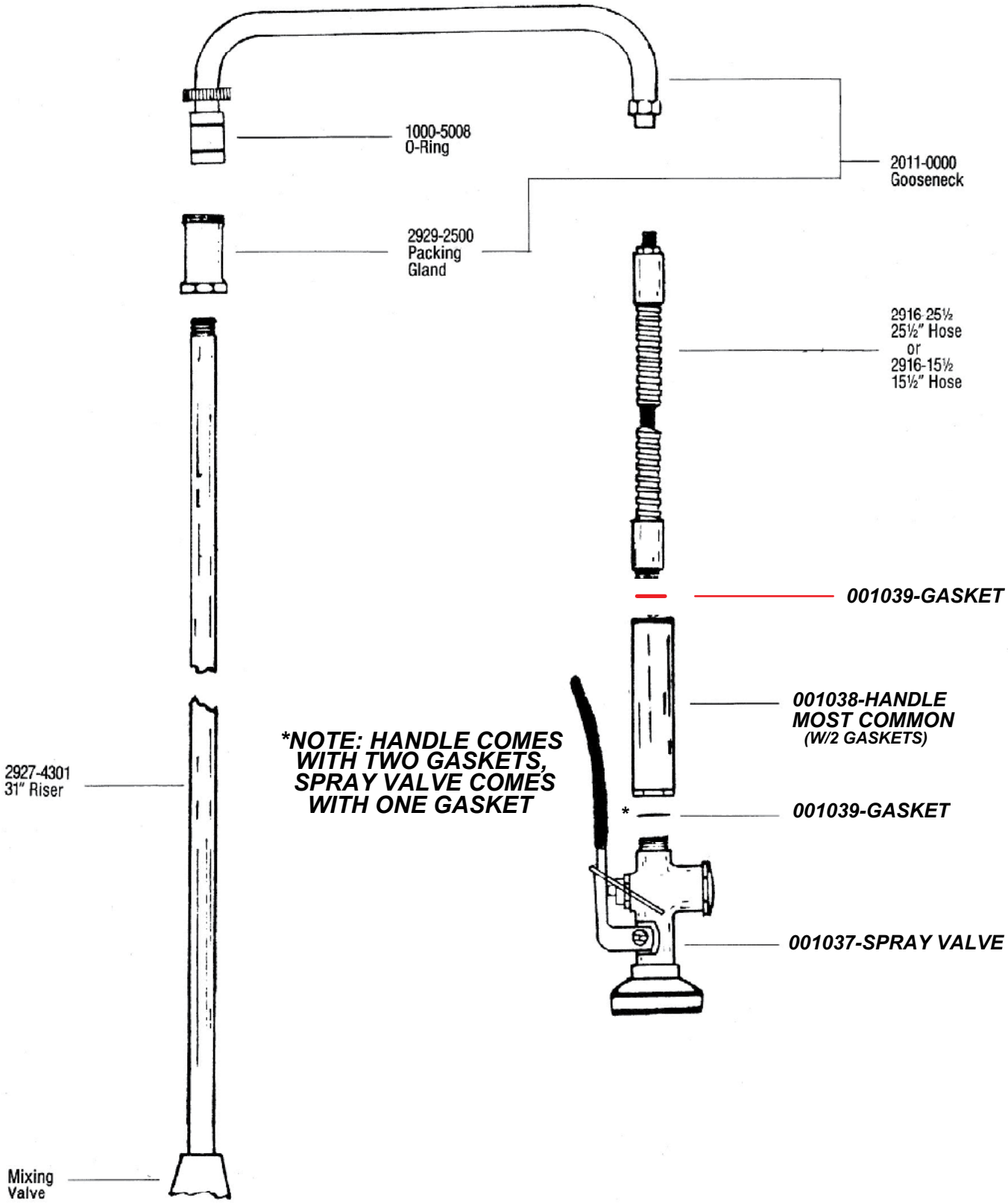
NOTES: _____

REPAIR KITS


1000-8100
PRONG
1000-8001
FLOW CONTROL
804130
LIFT PIN SA
804129
BONNET NUT
804116
RETAINER DISK ASSY.
1600-5002
O-RING
10456
LUBE
1000-3416
AXLE SCREW
803803
SCREW
1000-6001
SPRING
804118
BONNET WASHER
803802
SEAT WASHER
1001-0002
VOLUME COCK ASSY.
802956
GLASS FILLER
REPAIR KIT


800926
SPRAY VALVE
REPAIR KIT
804129
BONNET NUT
804111
SPRING
804116
RETAINER DISK ASSEM.
2922-5000
HANDLE GASKET
804130
LIFT PIN SA
2909-3400
LIFT PIN GUIDE
2912-7501
SCREWS
804118
BONNET WASHER
803802
SEAT WASHER
100-7502
SCREW
804131
GASKET
2912-2501
SQUEEZE LEVER
SPRAY VALVE
2949-9000
BLACK BUMPER
OR
2949-9002
BLUE BUMPER
2949-8600
CUP WASHERS BRS
2949-3001
2949 SPRAY
NOZZLE

PRE-RINSE UNITS - SWIVEL TYPE

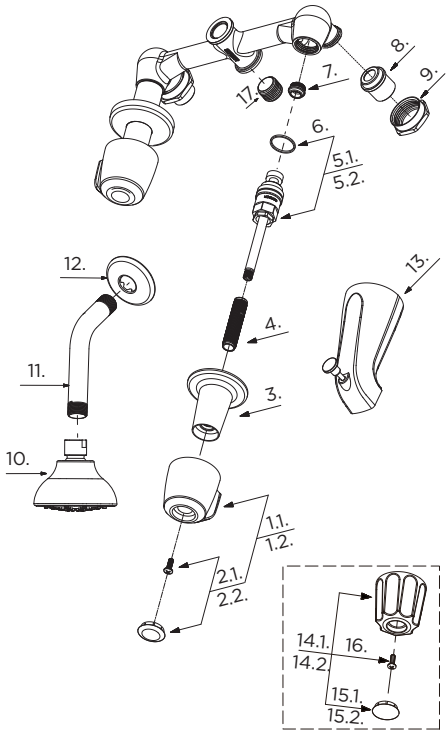


NOTES: _____

TWO HANDLE TUB & SHOWER FITTING
48-220 (0048220) HARDWATER® SERIES



Model #	Description	Description	Descripción
600309 07-48-220 48-221 07-48-221	Shower Fitting Only - Chrome	Raccord pour douche - Chrome	Grifo para ducha - Cromo
48-720 07-48-720	Tub/Shower Fitting - Chrome	Raccord pour bain/douche - Chrome	Grifo para bañera/ducha - Cromo
48-721 07-48-721	Tub/Shower Fitting - Chrome	Raccord pour bain/douche - Chrome	Grifo para bañera/ducha - Cromo



48-720 (V4)

Part Name	Nom de la pièce	Nombre de Parte	Part # # de pièce # de Parte
1.1 Metal Handle Assembly-Cold	Assemblage de manette en métal -froid	Ensamblaje de manija metálicas-frío	G0097913
1.2 Metal Handle Assembly-Hot	Assemblage de manette en métal -chaud	Ensamblaje de manija metálicas-caliente	G0097912
2.1. Handle Cap-Cold	Capuchon de la manette-froid	Tapón-frío	G0097035
2.2. Handle Cap-Hot	Capuchon de la manette-chaud	Tapón-caliente	G0097027
3 Escutcheon	Écusson	Escudo	G0090268
4 Screw Bolt	Boulon à vis	Perno aterrajado	G0090067
5.1. Compression Cartridge-Cold	Assemblage de cartouche à compression-froid	Juego de cartucho de compresiòn-frío	G0098674
5.2. Compression Cartridge-Hot	Assemblage de cartouche à compression-chaud	Juego de cartucho de compresiòn-caliente	G0098673
6. Washer	Rondelle	Arandela	G0090940
7. Seat	Siège	Asiento	G0090161
8. Adapter	Adaptateur	Adaptador	G0090173
9. Lock Nut	Écrou de blocage	Contratuerca	G0096690
10 Shower Head	Pomme de douche	Cabeza de ducha	G0049107
11 Shower Arm	Bras de douche	Brazo de ducha	G0092012
12 Shower Arm Flange	Bride de bras de douche	Brida del brazo de la ducha	G0092021
13 Spout Assembly (IPS)	Assemblage du bec (IPS)	Ensamblaje de vertedor (IPS)	G0092573
14.1 Metal Handle Assembly-Cold	Assemblage de manette en métal -froid	Ensamblaje de manija metálicas-frío	G0098827
14.2 Metal Handle Assembly-Hot	Assemblage de manette en métal -chaud	Ensamblaje de manija metálicas-caliente	G0098826
15.1. Handle Cap-Cold	Capuchon de la manette-froid	Tapón-frío	G0094446
15.2. Handle Cap-Hot	Capuchon de la manette-chaud	Tapón-caliente	G0094445
16. Screw	Vis	Tornillo	G0090700
17 Plug	Bouchon	Tapón	G0097302

Available in all finishes above
Disponible dans tous les finis susmentionnés
Disponible en todos los acabados

Shaded items are available as warranty parts only
Les items soulignés sont disponible seulement comme les pièces sous garantie
Los articulos sombreados son disponibles solamente como piezas en garantia

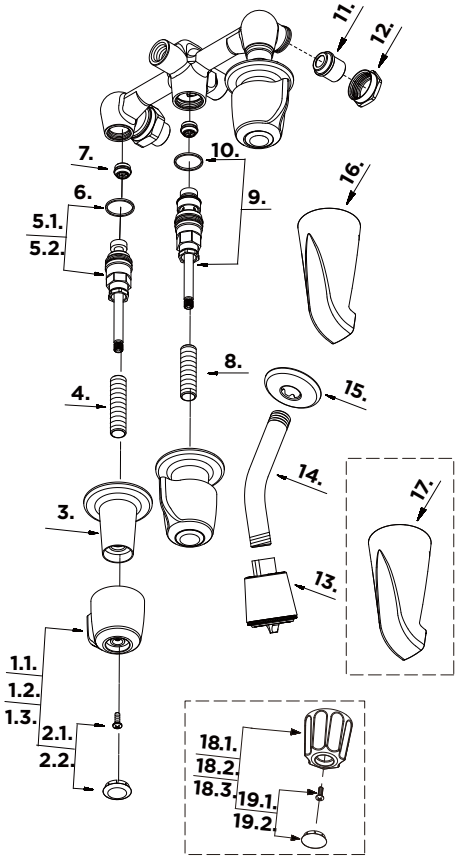
THREE HANDLE TUB & SHOWER FITTING
48-030 (0048030) SERIES







Model #	Description	Description	Descripción
600530 07-48-030	Compression, IPS/ Sweat Connections - Chrome	Compression, raccords IPS/brasage - Chrome	Compresión, conexiones soldadas IPS - Cromo
48-031 48-031-81 07-48-031 07-48-031-81	Compression, Sweat Connection - Chrome	Compression, raccords brasage - Chrome	Compresión, conexiones soldadas - Cromo



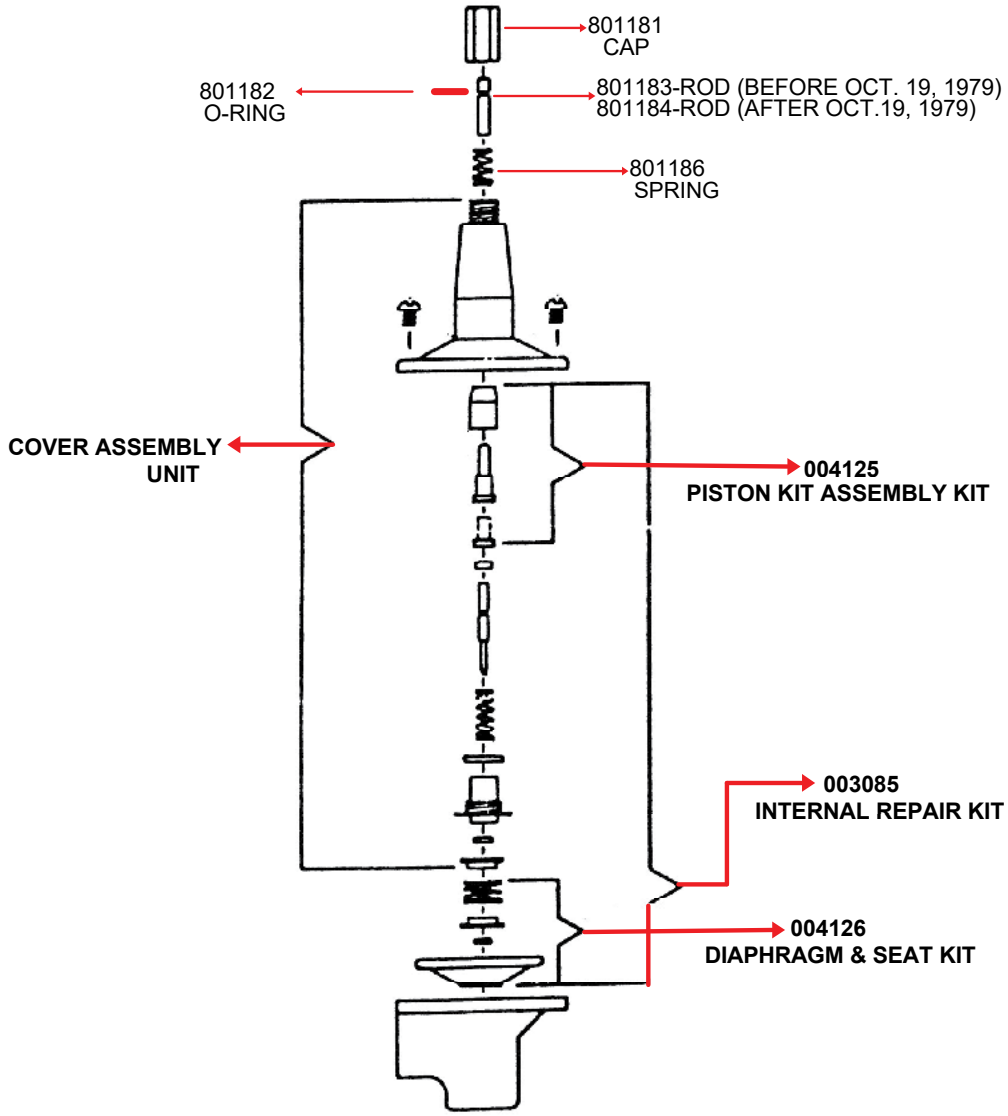
48-030 (V4)

	Part Name	Nom de la pièce	Nombre de Parte	Part # # de pièce # de Parte
1.1	Metal Handle Assembly-Cold	Assemblage de manette en métal -froid	Ensamblaje de manija metálicas-frío	0097913
1.2	Metal Handle Assembly-Hot	Assemblage de manette en métal -chaud	Ensamblaje de manija metálicas-caliente	0097912
1.3	Metal Handle Assembly	Assemblage de manette en métal	Ensamblaje de manija metálicas	0097914
2.1.	Handle Cap-Cold/Hot	Capuchon de la manette-froid/chaud	Tapón-frío/caliente	0097312
2.2.	Handle Cap	Capuchon de la manette	Tapón	0097308
3	Escutcheon	Écusson	Escudo	0090268
4.	Screw Bolt	Boulon à vis	Perno aterrajado	0090067
5.1.	Compression Cartridge-Cold	Assemblage de cartouche à compression-froid	Juego de cartucho de compresiòn-frío	0098674
5.2.	Compression Cartridge-Hot	Assemblage de cartouche à compression-chaud	Juego de cartucho de compresiòn-caliente	0098673
6.	Washer	Rondelle	Arandela	0090940
7.	Seat	Siège	Asiento	0090161
8.	Screw Bolt	Boulon à vis	Perno aterrajado	0090066
9.	Diverter Assembly	Assemblage de dispositif de derivation	Ensamblaje de transferencia	0098726
10.	Washer	Rondelle	Arandela	0090311
11.	Adapter	Adaptateur	Adaptador	0090173
12.	Lock Nut	Écrou de blocage	Contratuerca	0096690
13	Shower Head	Pomme de douche	Cabeza de ducha	0049199
14	Shower Arm	Bras de douche	Brazo de ducha	0092012
15	Shower Arm Flange	Bride de bras de douche	Brida del brazo de la ducha	0092021
16	Spout Assembly (IPS)	Assemblage du bec (IPS)	Ensamblaje de vertedor (IPS)	0090275
17	Spout Assembly (Slip / IPS)	Assemblage du bec (Glisser / IPS)	Ensamblaje de vertedor (Deslizar / IPS)	0098240
18.1	Metal Handle Assembly-Cold	Assemblage de manette en métal -froid	Ensamblaje de manija metálicas-frío	0098827
18.2	Metal Handle Assembly-Hot	Assemblage de manette en métal -chaud	Ensamblaje de manija metálicas-caliente	0098826
18.3	Metal Handle Assembly	Assemblage de manette en métal	Ensamblaje de manija metálicas	0098828
19.1.	Handle Cap-Cold/Hot	Capuchon de la manette-froid/chaud	Tapón-frío/caliente	0097807
19.2.	Handle Cap	Capuchon de la manette	Tapón	0097808

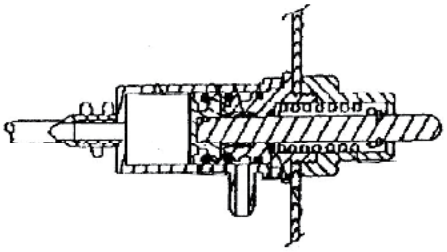
Available in all finishes above
Disponible dans tous les finis susmentionnés
Disponible en todos los acabados

Shaded items are available as warranty parts only
Les items soulignés sont disponible seulement comme les pièces sous garantie
Los articulos sombreados son disponibles solamente como piezas en garantia

SURGICAL VALVE UNIT

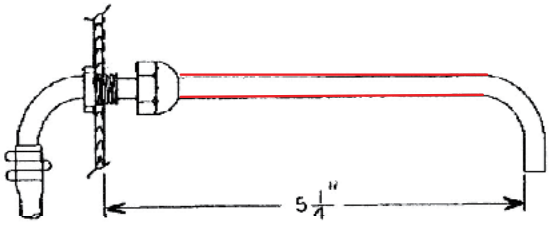


THIGH SOAP DISPENSER PISTON UNIT COMPLETE



001045

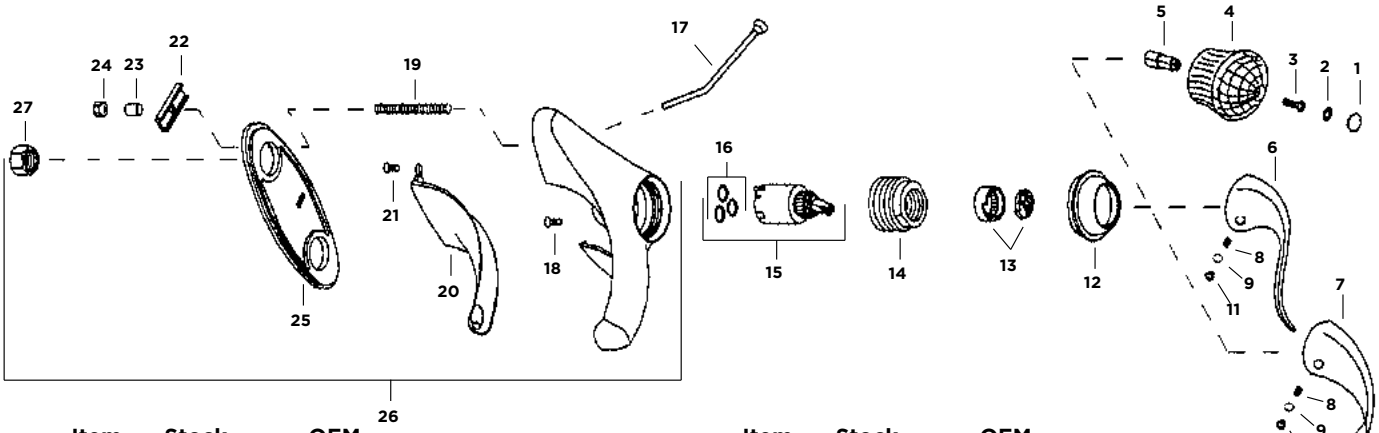
THIGH SOAP DISPENSER NOZZLE UNIT



003445

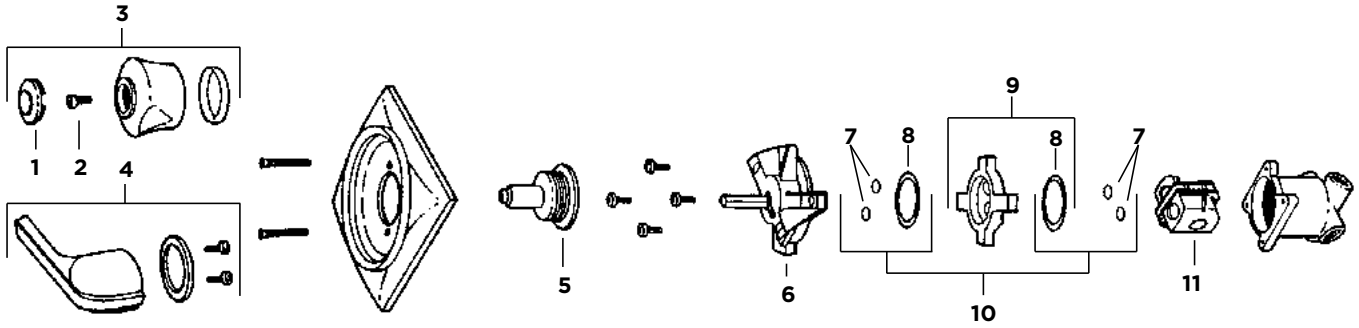
NOTES: _____

SINGLE-CONTROL CENTERSET LAVATORY FAUCET
CORALAIS® SERIES K-15181



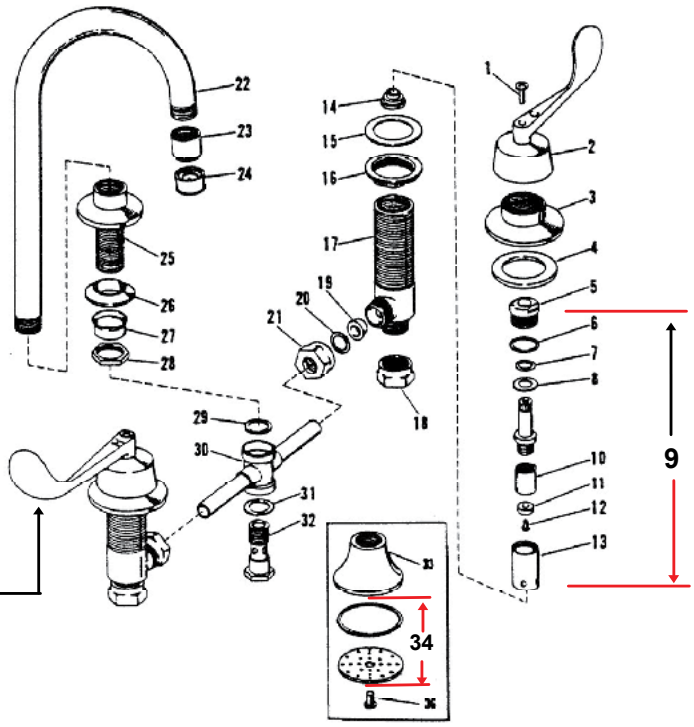
Item No.	Stock No.	OEM Ref No.	Description
1	—	77416	Handle Cap
2	810164	33993	O-Ring
3	—	77539	Handle Screw
4	—	77338	Handle
5	—	76981	Adapter
6	800771	76690	Handle
7	—	76926	Handle
8	808839	76713	Screw
9	801571	36449	O-Ring
10	—	76927	Button
11	—	76691	Button
12	808767	76704	Cap
13	808837	77555	Limit Stop
14	809418	77457	Nut
15	—	77550	Cartridge
16	—	75683	(3) Cartridge Seals
17	402632	86861	Lift Rod
18	807195	71018	Screw
19	—	42345	Stud
20	—	78273-A	Throatplate
21	—	77538	Screw
22	—	71651	Channel
23	—	42344	Spacer
24	—	23094	Nut
25	—	76973	Undercover Plate
26	—	78094	Shroud (with Hole)
	—	78096	Shroud (without Hole)
27	802447	32751	Coupling Nut

PRESSURE BALANCED SHOWER VALVE
CORALAIS® SERIES K-15102



Item No.	Stock No.	OEM Ref No.	Description
1	—	71841	Handle Button Chrome
2	—	—	Handle Screw Sheet Metal
3	808078	30316	Acrylic Handle Assembly
4	808832	71904	Plated Lever HandleChrome
5	809650	71906	Stem Extension
6	—	30318	Cartridge Kit
7	—	—	O-Ring 4 Required
8	—	—	O-Ring 2 Required
9	808149	30320	Adapter Kit
10	—	71541	Valve Service Kit
11	804767	500520	Pressure Regulator Body

HOSPITAL LAVATORY FITTINGS



PAIR OF 4" BLADE HANDLES FOR HOSPITAL FAUCETS W/COLOR CODED INDEXES & SCREWS
807566

K-13341 Lavatory Fitting with 4" Wrist Handles

K-13343 Lavatory Fitting with 4" Wrist Handles

K-13388 Lavatory Fitting with Triton Handles

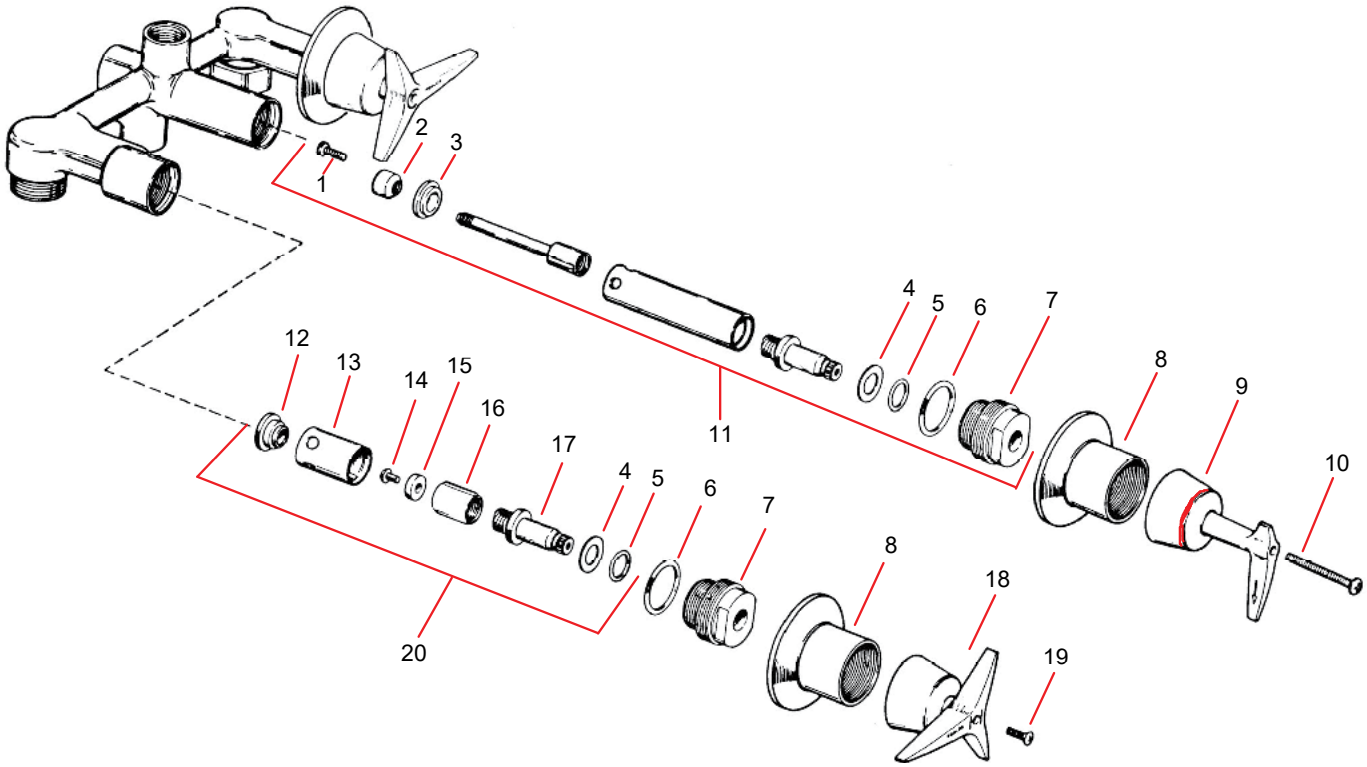
ITEM NO.	PART NO.	DESCRIPTION
1	802015	Screw for 4" wrist handle
	801466	Screw for Triton handle
2	804986	4" wrist handle (HOT)
	804985	4" wrist handle (COLD)
3	801457	Escutcheon
4	802444	Washer
5	800413	Bonnet
6	801377	"O" ring
7	801577	"O" ring
8	801422	Washer
9	800260	Hot stem VALVET UNIT-BRASS
	800265	Cold stem VALVET UNIT-BRASS
10	800775	Hot plunger w/seat washer & screw (BRASS)
	800770	Cold plunger w/seat washer & screw (BRASS)
11	800050	Seat washer
12	801125	Screw
13	805106	Sleeve
14	800135	Renewable seat (BRASS)
	807597	Renewable seat (MONEL)
15	801447	Washer

ITEM NO.	PART NO.	DESCRIPTION
16	802445	Lock nut
17	802446	Valve body
18	401168	Coupling nut
19	801439	Slip joint washer
20	807610	Friction ring
21	802447	Coupling nut
22	802448	Spout
23	801451	Adapter
24	402050	Aerator
25	802449	Shank
26	801449	Washer
27	400105	Spacer
28	401193	Lock nut
29	801448	Gasket/FIBER, 3/32" THICK
30	801426	Cross connection
31	800011	Gasket
32	800414	Clamping nut
33	802450	Body
34	802451	SPRAY FACE ASSEMBLY
36	802453	Screw

KOHLER

TRITON DIVERTER SHOWER & BATH VALVE

K-7014 DALNEY SHOWER & BATH FITTING

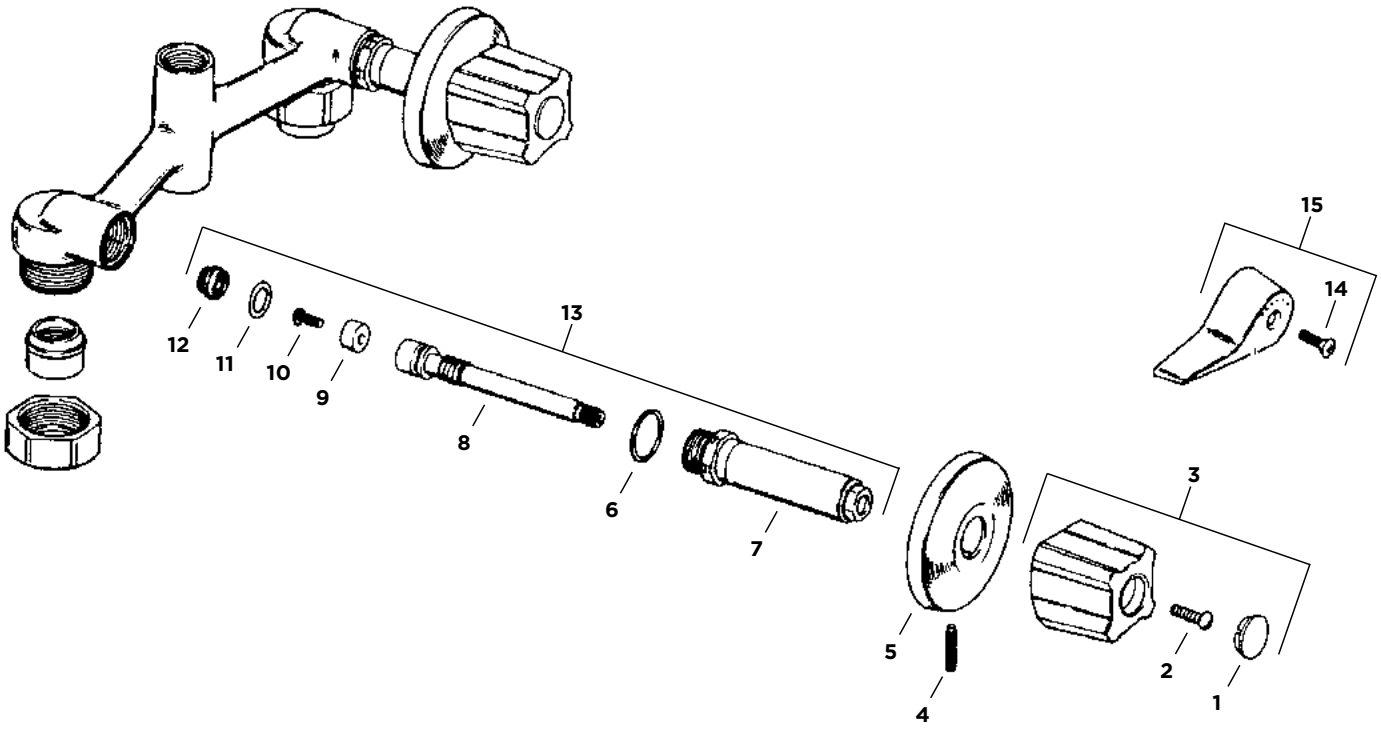


1. 807571 SCREW
2. 803401 SEAT FOR DIVERTER
3. 803402 RENEWABLE SEAT
4. 801422 WASHER
5. 801577 O-RING
6. 801381 O-RING
7. 801420 BONNET NUT
8. 804460 ESCUTCHEON
9. 803403 DIVERTER HANDLE
10. 803404 SCREW FOR HANDLE
11. 804310 DIVERTER STEM ASSEMBLY
12. 800135 RENEWABLE SEAT
13. 805106 BARRELL
14. 801125 SCREW
15. 802105 SEAT WASHER
16. 800770 COLD PLUNGER
    800775 HOT PLUNGER
17. *NLA USE #20
18. 008474 PAIR HANDLES-"H&C"
19. 801462 SCREW
20. 800260 HOT STEM ASSEMBLY
    800265 COLD STEM ASSEMBLY



200400
TUB STEM SOCKET WRENCH FOR TRITON DIVERTER SHOWER & BATH VALVE

TREND® SERIES SHOWER & BATH VALVE

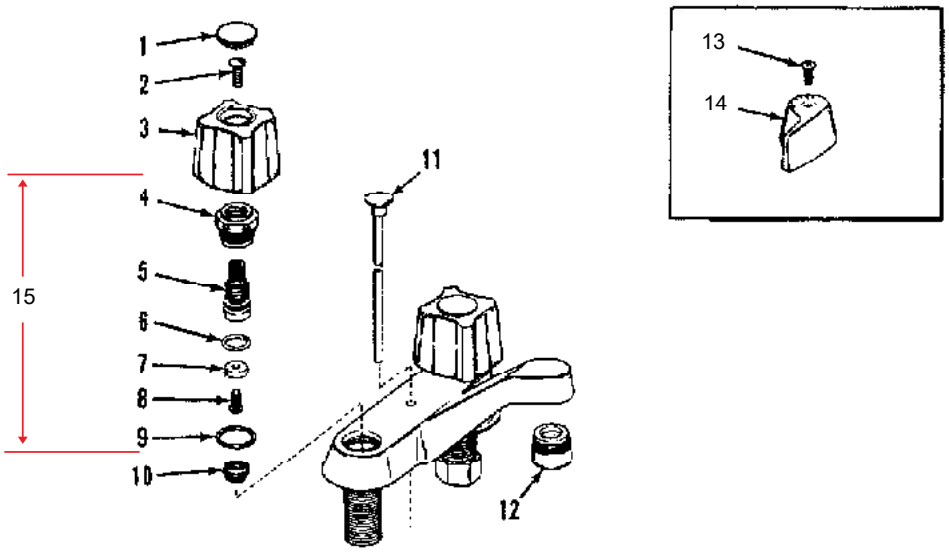




600667
3 HANDLE SHOWER TUB REBUILD KIT FOR KOHLER TREND®

Item No.	Stock No.	OEM Ref No.	Description
1	—	21082-H	Index Button Hot
	—	21082-C	Index Button Cold
2	804913	31491	Handle Screw
3	801100	—	(1) Single Chrome Handle w/ H&C Index Buttons
4	804557	20907	Escutcheon Set Screw
5	804987	20851	Escutcheon
6	—	20899	Bonnet
7	806012	20897	Cap Thread Gasket
8	—	—	Stem R.H. Hot
	—	—	Stem L.H. Cold
9	—	39541	00 Flat Bibb Washer
10	801506	31490	Bibb Screw
11	807088	20960	O-Ring
12	800175	20774	Bibb Seat
13	803470	20905	Stem with Bonnet R.H. Hot
	802415	20905	Stem with Bonnet L.H. Cold
14	802776	22859	Handle Screw
15	—	—	(1) Pair Handles

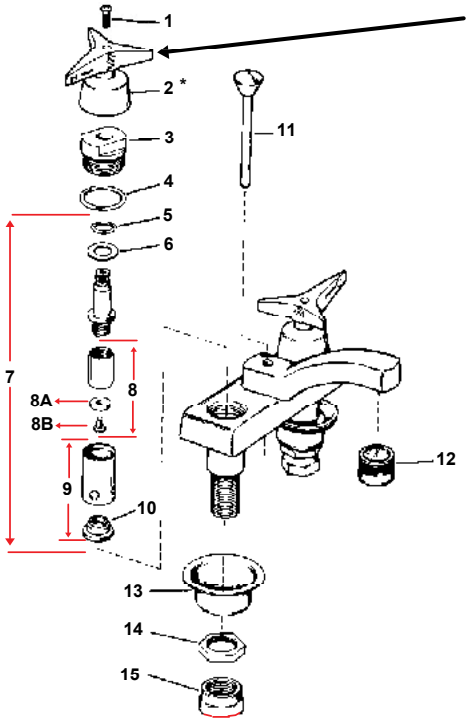
LAVATORY FACUET 4” SPREAD



1. 801076 - COLD INDEX BUTTON
   801077 - HOT INDEX BUTTON
2. 807571 - BIBB SCREW
3. 801100 - HOT HANDLE
   801101 - COLD HANDLE
4. ORDER #14
5. ORDER #14
6. 801120 - GASKET
7. 802105 - WASHER
8. 801125 - BIBB SCREW
9. 803777 - "O" RING
10. 800175 - SEAT
11. 401410 - LIFT ROD
12. 402050 - AERATOR
13. 804772 - HANDLE SCREW
14. 801435 - HOT/COLD HANDLE KIT
15. 803025 - HOT/COLD STEM UNIT

LAVATORY FAUCET 4” SPREAD

K-7401 CENTRA LAVATORY FITTING PARTS TRITON SERIES



807413-PAIR OF OLD STYLE HANDLES W/SCREWS

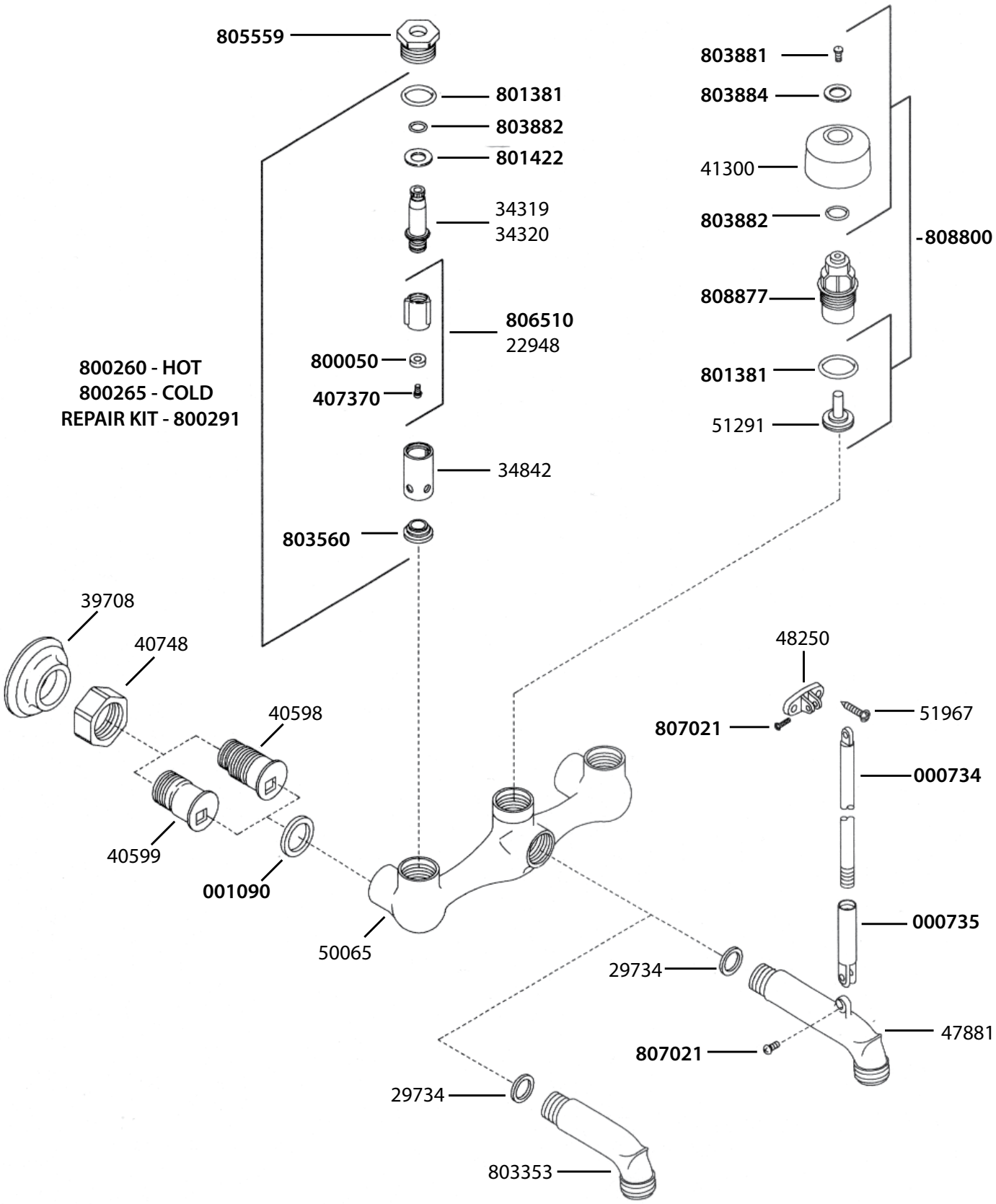
1. 801462 HANDLE SCREW, 7/8" LONG
*** 2. NEW STYLE:USE 801432 HANDLE TO REPLACE OLD STYLE HOT OR COLD HANDLE USE 801436 INDEX KIT W/SCREWS & ADAPTORS**

*** NOTE: 801432 IS ONE HANDLE AND REPLACES EITHER HOT OR COLD. 801436 INDEX KIT CONTAINS HARDWARE FOR BOTH HOT & COLD HANDLES.**

3. 801421 BONNET
4. 801381 O-RING
5. 801577 O-RING
6. 801422 BRASS WASHER
7. 800260 HOT VALVET UNIT
800265 COLD VALVET UNIT
8. 800775 HOT INSERT
800770 COLD INSERT
8A. 800050 WASHER
8B. 805749 BRASS SCREW, 801125 MONEL SCREW
9. 805106 BARREL ASSEMBLY
10. 800135 SNAP IN SEAT
11. 401410 LIFT ROD
12. 402050 AERATOR
13. 803215 DEEP ROSETTE
14. 401193 LOCK NUT
15. 401168 SHANK NUT

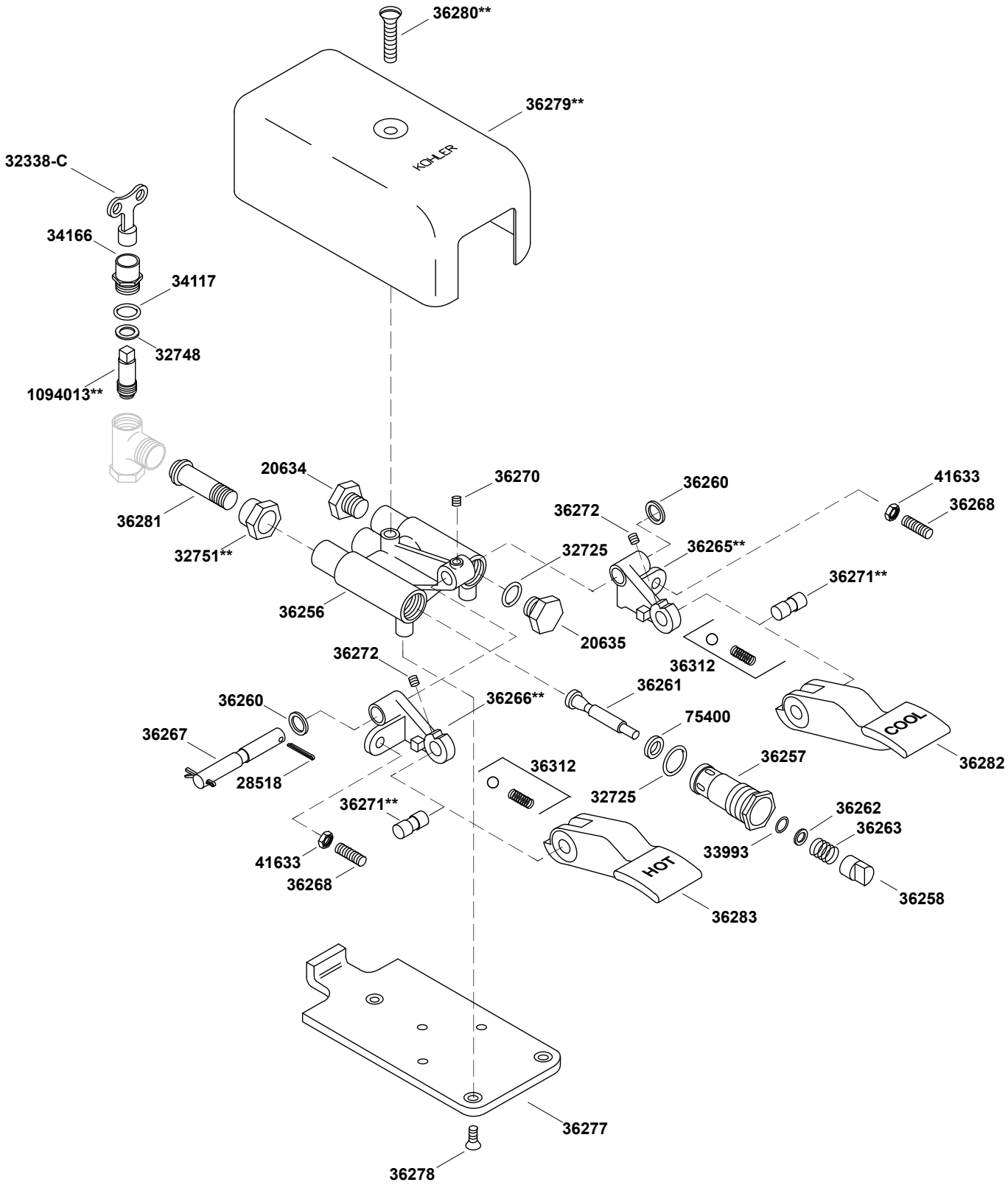
KOHLER

SERVICE SINK FAUCET



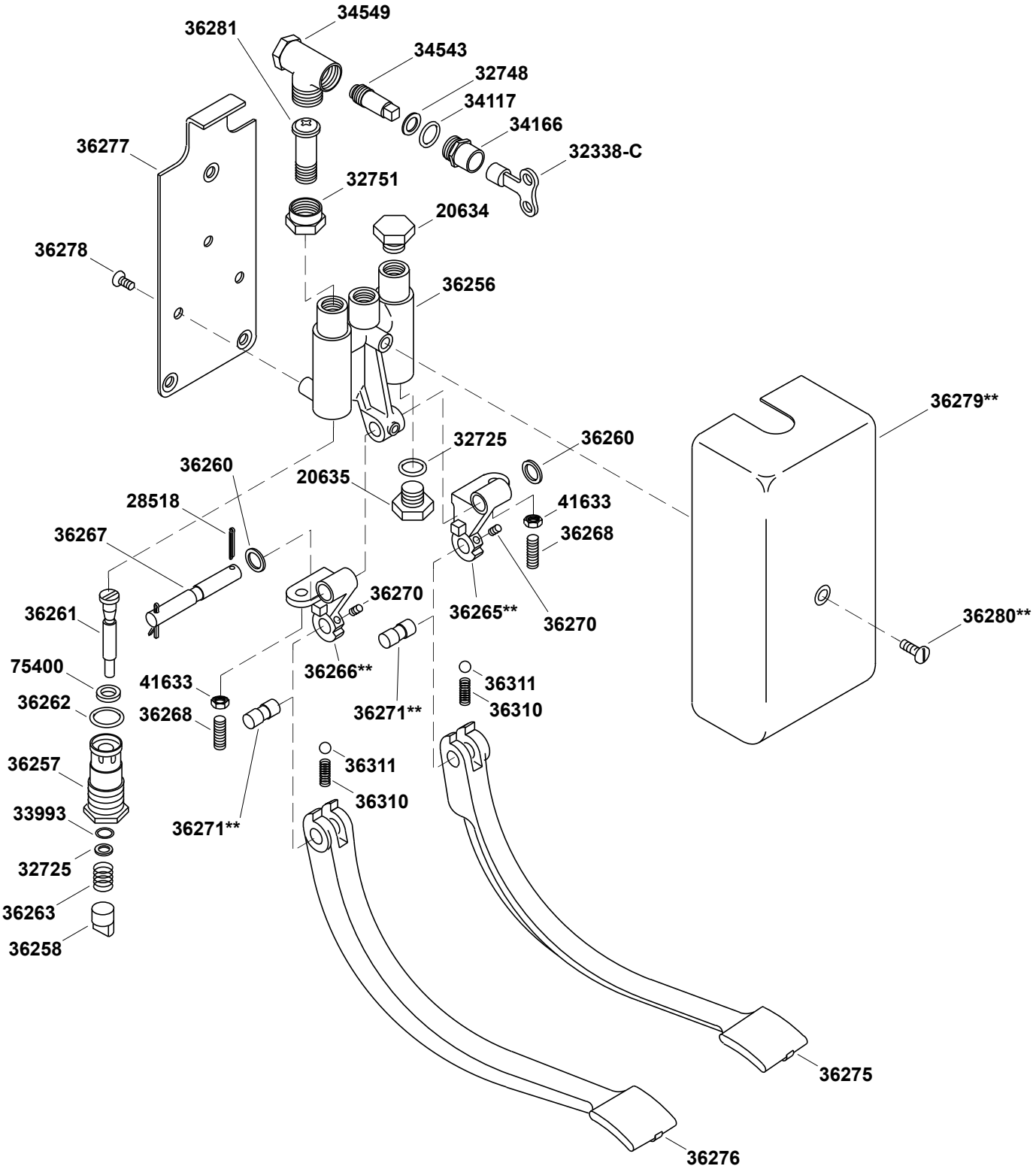
DOUBLE FLOOR-MOUNT FOOT CONTROL

K-13808-CP

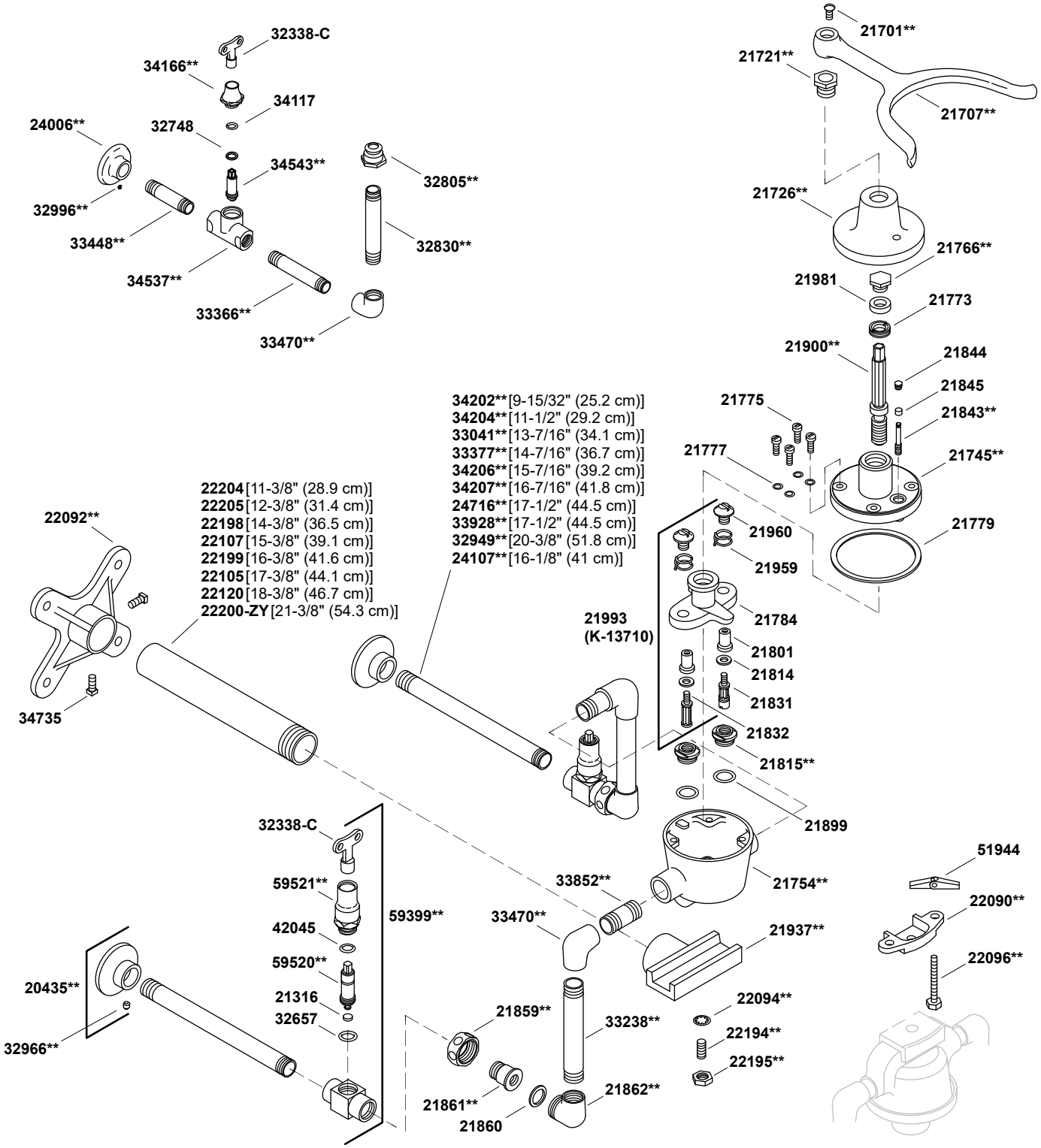


DOUBLE WALL-MOUNT FOOT CONTROL

K-13816-CP

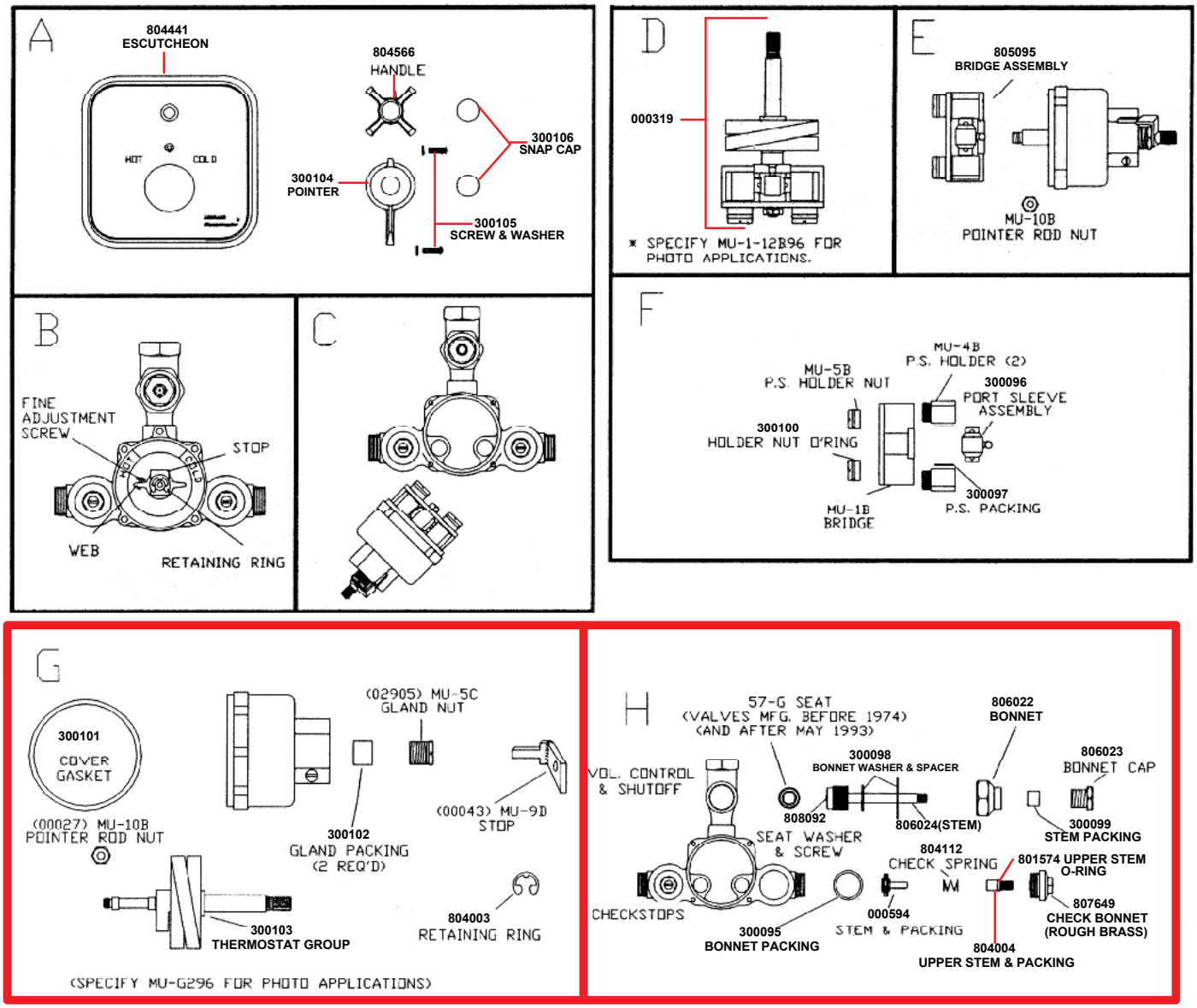


KNEE CONTROL FITTING



NOTES: _____

CHECKSTOPS M-10-C, M-10-CST, M-10-E



CHECKSTOPS

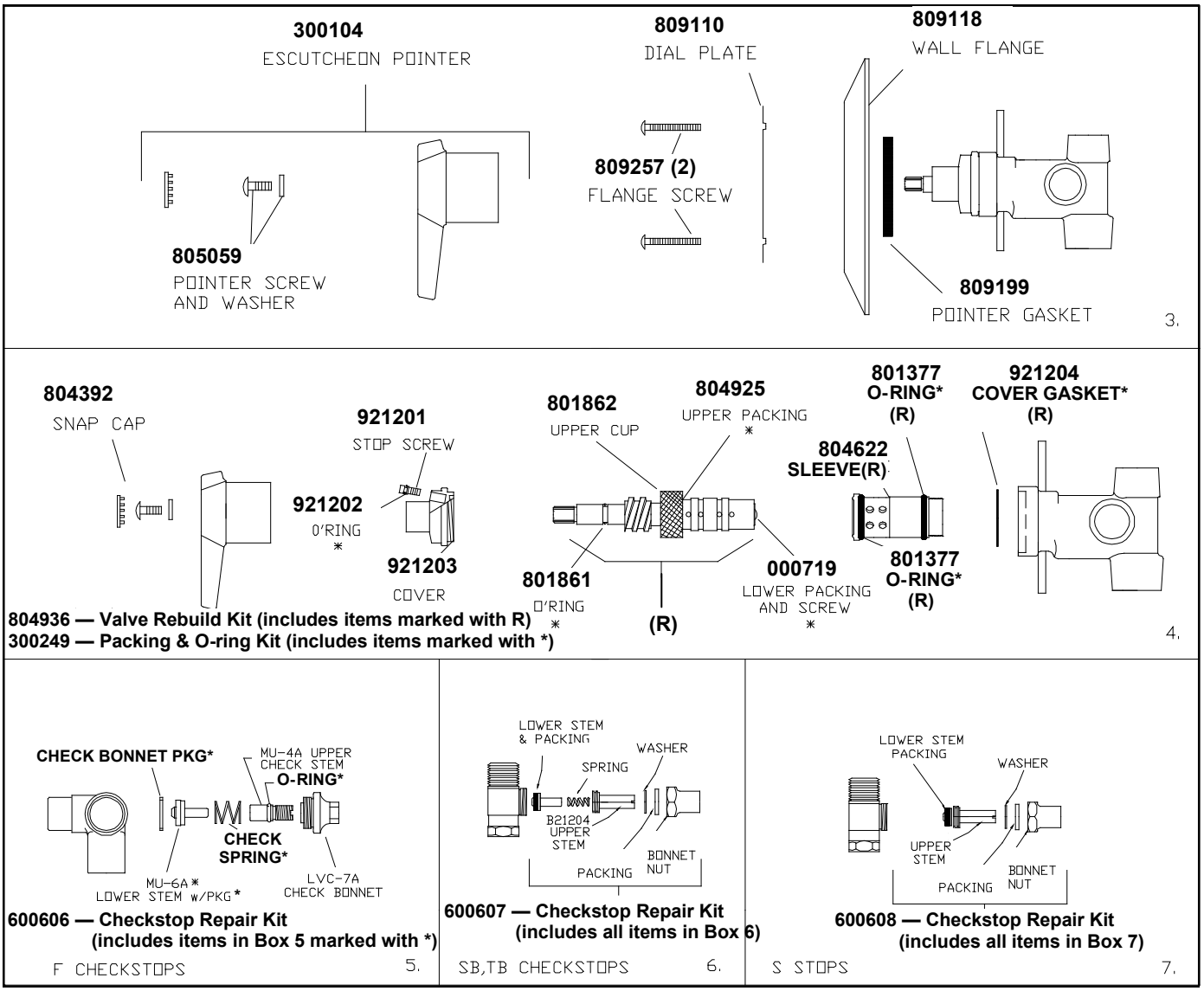
1. **HOT WATER BY-PASSES INTO COLD LINE (OR COLD INTO HOT).**
2. **SUPPLIES CANNOT BE SHUT OFF COMPLETELY.**

KIT OR PART NUMBER:

STOP STEM REPAIR KIT 807650 INCLUDES:

- **(2) 300095: BONNET PACKING**
- **(2) 801574: UPPER STEM O-RING**
- **(2) 000594: STEM & PACKING**
- **(2) 804112: CHECK SPRING**

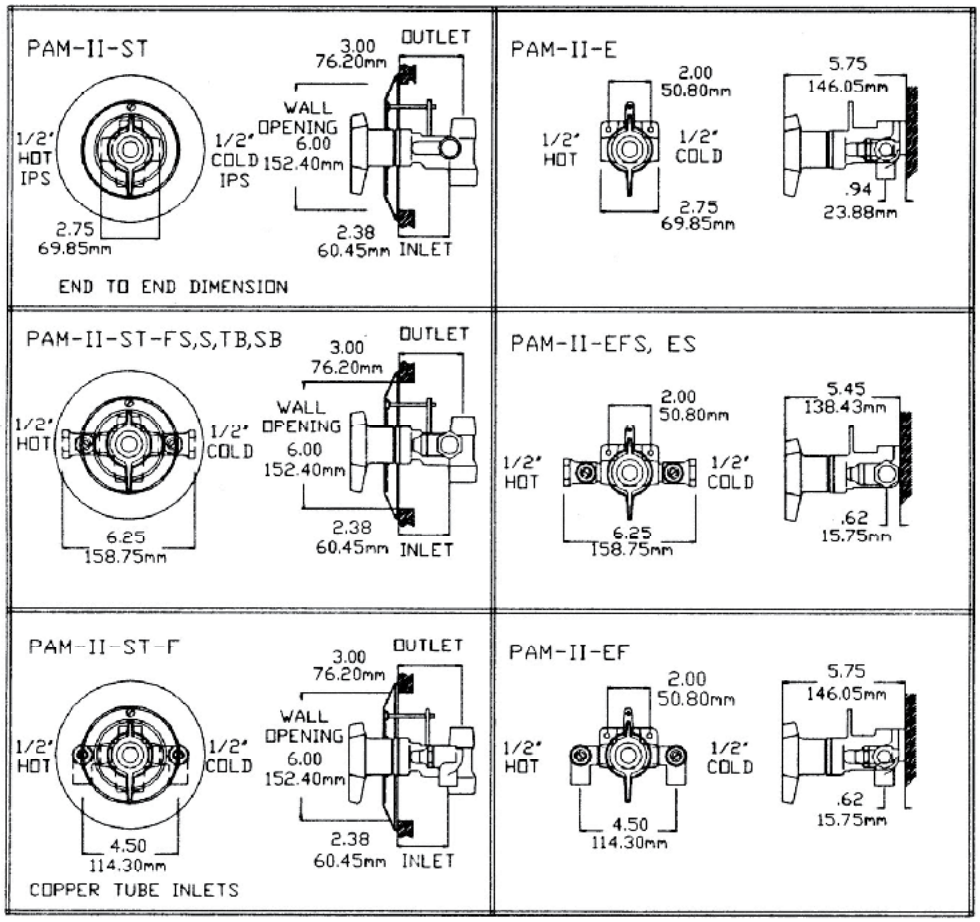
AQUATROL® 4500
PRESSURE BALANCING MIXING VALVE 1/2”

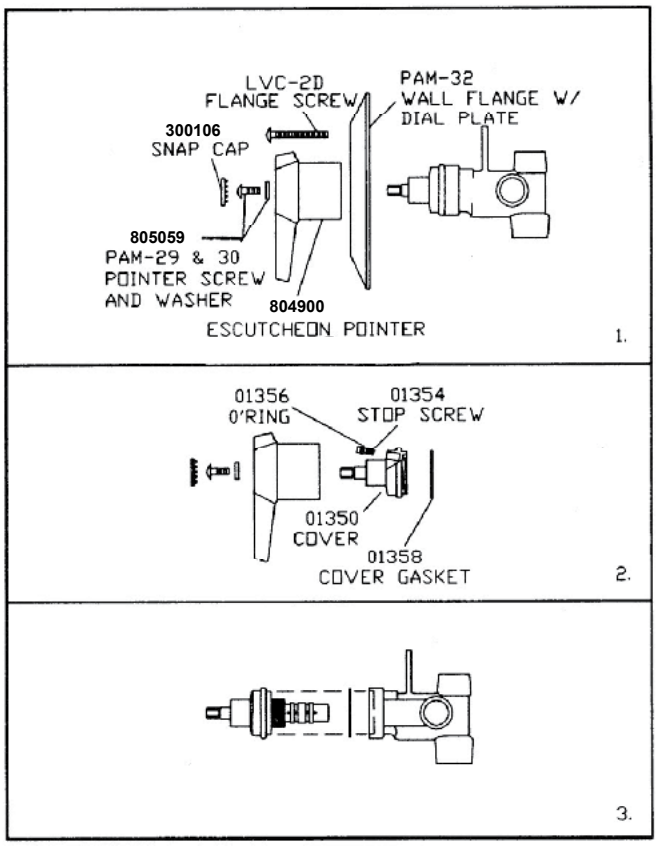


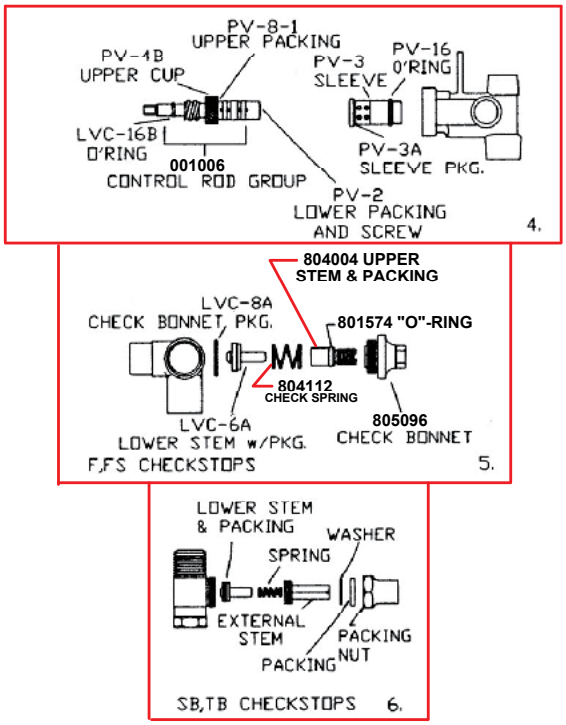
ATLANTIC COASTAL SUPPLY INC.
ACSPARTS.NET (800) 520 - 0556

PRESSURE ACTUATED MIXER

PAM® II-ST, PAM® II-E



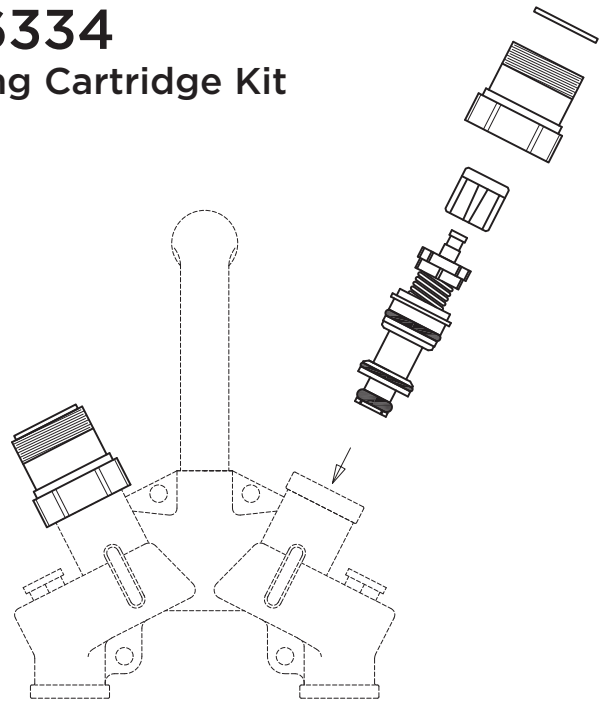




TEMPUS II RETRO-FIT VALVE CARTRIDGES

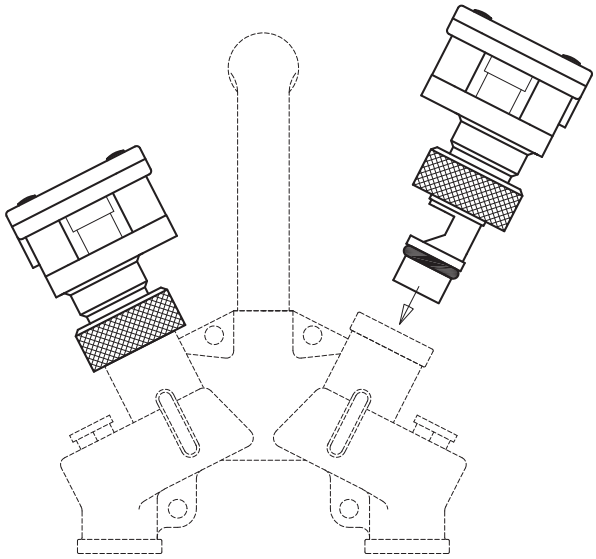
606334
Non-Metering Cartridge Kit





Individual parts are not sold separately.

920074
Retro-Fit Metering Cartridge





The 920074 pneumatic replacement cartridge is used with pushbutton adapter kits to convert mechanically operated valves to air operated valves.

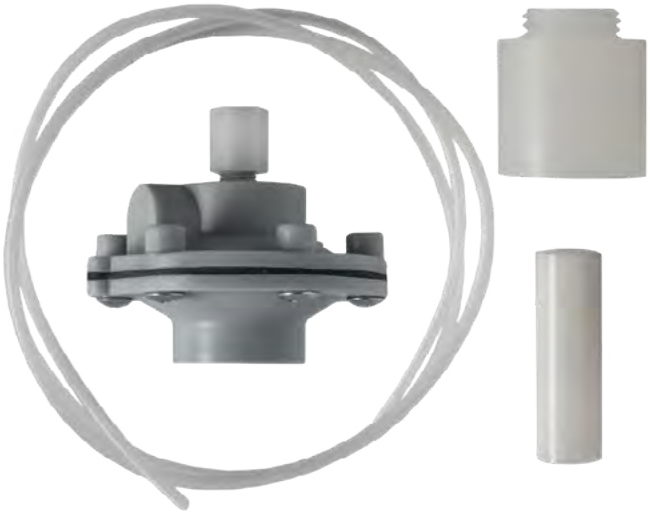
Metcraft® Industries, Inc.

RETRO-FIT PUSH BUTTON ASSEMBLIES

920063

Retro-Fit Push Button Assembly for Mecraft Escutcheons.





920073

Retro-Fit Push Button Assembly for Acorn Penal-trol Button Assemblies.

19046A

Retro-Fit Push Button Assembly for Acorn Air-trol Button Assemblies.

25411

Retro-Fit Push Button Assembly for Willoughby Mechanical Button Assemblies.

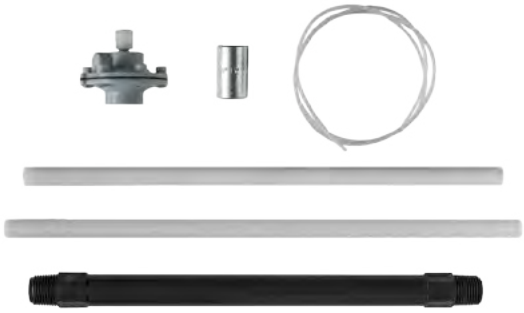
25411A

Retro-Fit Push Button Assembly for Willoughby Pneumatic Button Assemblies.

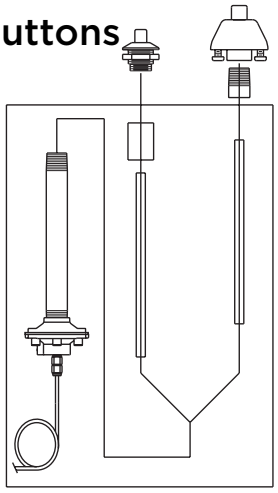
Metcraft® Industries, Inc.

000835

Retro-Fit Extension Kits for Metcraft Pushbuttons

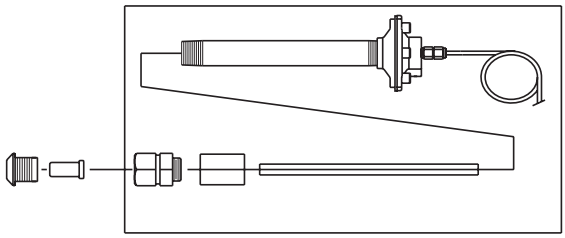


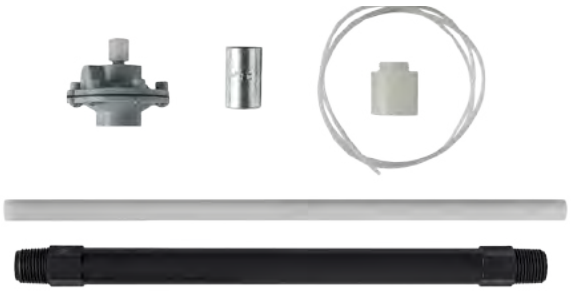
Metcraft Push Buttons
Pre-1991



606563

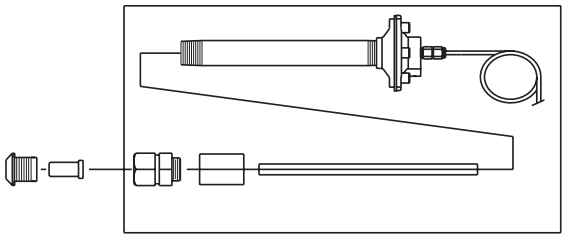
Retro-Fit Extension Kits for Acorn Pushbuttons





813347

Retro-Fit Extension Kits for Willoughby Pushbuttons





Metcraft® Industries, Inc.

A311 Single Temperature Pneumatic Valves



Part#	Description
920125	A311 Valve W/Pushbutton .5 GPM
23890S	A311 Valve W/OPushbutton .5 GPM

A312 Dual Temperature Pneumatic Valves



Part#	Description
612301	A312 Valve W/ Pushbutton .5 GPM
802254	A312 Valve W/O Pushbutton .5 GPM

A313 Single Temperature Manifolded Pneumatic Valves

Part#	Description
24395S	(2) Manifold Valve W/ Pushbutton .5 GPM
24428S	(2) Manifold Valve W/O Pushbutton .5 GPM
810972	(3) Manifold Valve W/ Pushbutton .5 GPM
810791	(3) Manifold Valve W/O Pushbutton .5 GPM
24270S	(4) Manifold Valve W/ Pushbutton .5 GPM
24429S	(4) Manifold Valve W/O Pushbutton .5 GPM

2 Manifold Valve



3 Manifold Valve



4 Manifold Valve



Metcraft® Industries, Inc.

A314 Dual Temperature Manifolded Pneumatic Valves

Part#	Description
24398S	(2) Manifold Valve W/ Pushbutton .5 GPM
806583	(2) Manifold Valve W/O Pushbutton .5 GPM
810795	(3) Manifold Valve W/ Pushbutton .5 GPM
24216S	(3) Manifold Valve W/O Pushbutton .5 GPM
810797	(4) Manifold Valve W/ Pushbutton .5 GPM
810798	(4) Manifold Valve W/O Pushbutton .5 GPM

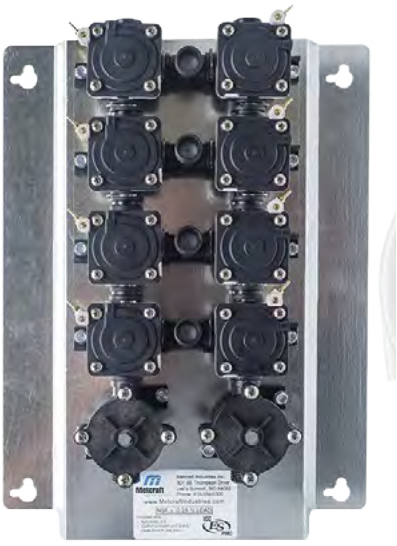
2 Manifold Valve



3 Manifold Valve



4 Manifold Valve



Metcraft® Industries, Inc.

SHOWER PNEUMATIC VALVES



A311 Single Temperature Pneumatic Valves

Part#	Description
920127	A311S Valve W/Pushbutton 2.5 GPM
920128	A311S Valve W/O Pushbutton 2.5 GPM



A312 Dual Temperature Pneumatic Valves

Part#	Description
920131	A312S Valve W/Pushbutton 2.5 GPM
920132	A312S Valve W/O Pushbutton 2.5 GPM



A313 Single Temperature Manifolded Pneumatic Valves

Part#	Description
810794	(2) Manifold Valve W/Pushbutton 2.5 GPM
810793	(2) Manifold Valve W/O Pushbutton 2.5 GPM



A314 Dual Temperature Manifolded Pneumatic Valves

Part#	Description
810799	(2) Manifold Valve W/Pushbutton 2.5 GPM
810780	(2) Manifold Valve W/O Pushbutton 2.5 GPM

TWO (2) FIXTURE MANIFOLD SHOWN

VALVE MODULES

NOTES:



810061
Flow Through Valve Module

920074
Retro-Fit Replacement Cartridge

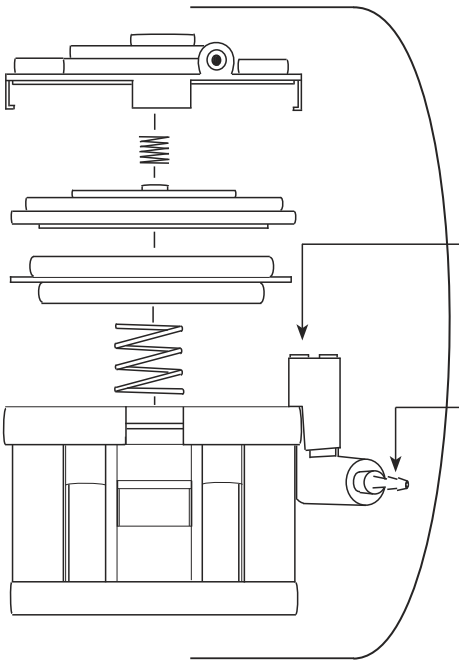


Metcraft® Industries, Inc.

PNEUMATIC REPAIR KITS

920215

PVK-1 Kit Pneumatic Top Assembly



TIMING ADJUSTER SCREW

Note: Timing can be adjusted from 5 to 60 seconds by using a small flat-head screwdriver to turn adjuster screw. Clockwise to increase time and counter clockwise to decrease time.

1/8" BARBED HOSE FITTING

Push 1/8" plastic tubing over the end of barb fitting. Push on until plastic tubing meets with the shoulder behind the barb.

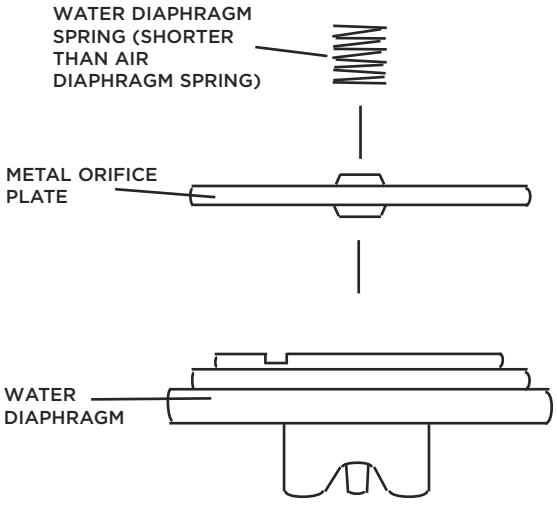


Note: Sold as kit only. Separate parts are not avail - able.

920195

PVK-2: Water Diaphragm Kit



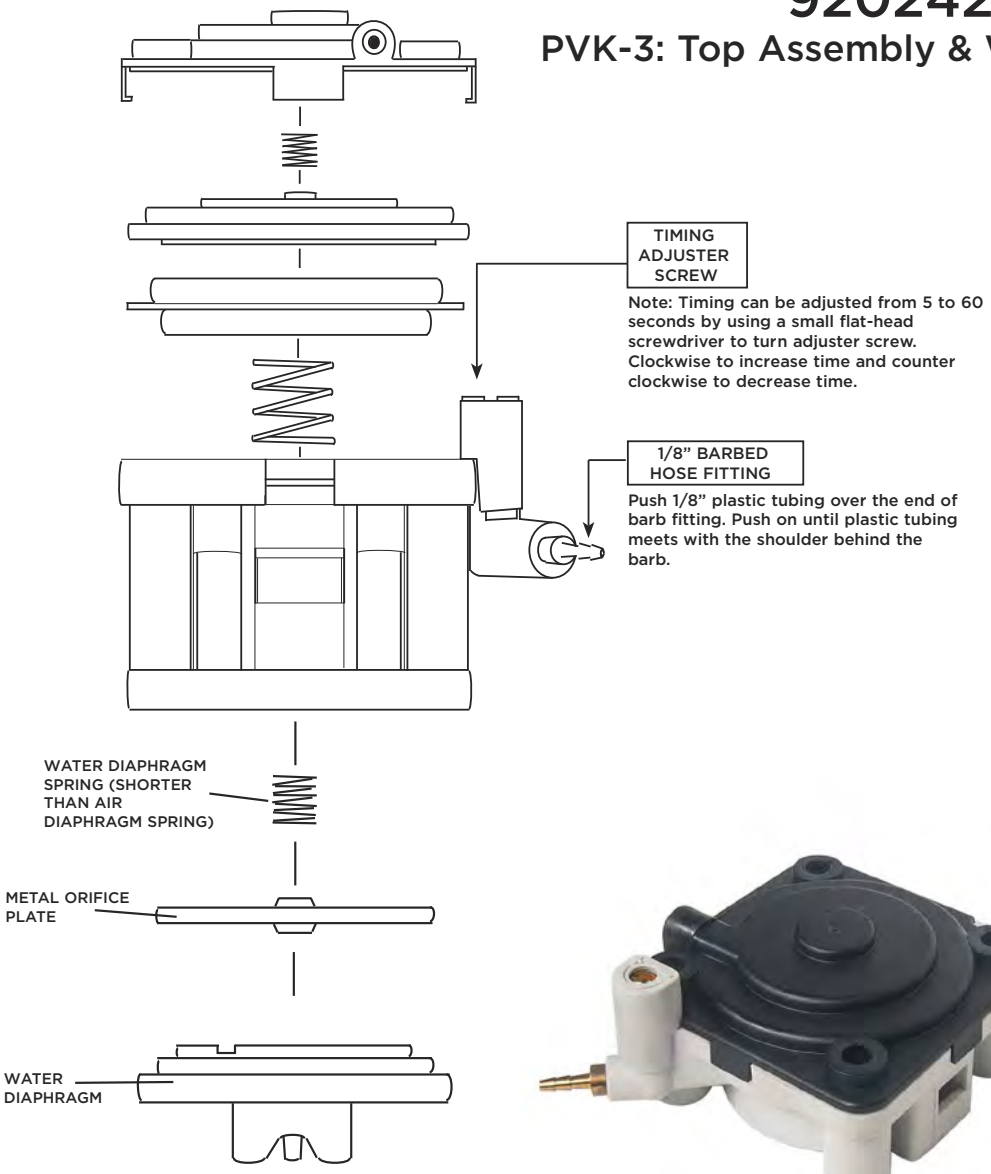


Note: sold as kit only. Separate parts are not available.

Metcraft® Industries, Inc.

920242

PVK-3: Top Assembly & Water Diaphragm Kit





Metcraft® Industries, Inc.

VALVE COMPONENTS

802382
Valve Base



802297
C-Clip



810265
Plug



802293
Pneumatic Valve O-Ring Kit



802294
In-Line Adapter



17635
Spud Assembly
(Bubbler Connection on China Lavs)



30393
Plastic Seat with O-Ring for Pneumatic Valve



804343
S/S Seat with O-Ring for Pneumatic Valve



Metcraft® Industries, Inc.



Elbow Flow Controls

For Metcraft Pneumatic Valves

Part Number	Flow Rate
802094	.5 GPM
30911	1.2 GPM
808657	1.4 GPM
29241	2.0 GPM
802383	2.5 GPM



Tee Flow Controls

For Metcraft Pneumatic Valves

Part Number	Flow Rate
920717	.5 GPM
31554	1.2 GPM
32028	1.4 GPM
31555	2.0 GPM
920729	2.5 GPM



Brass Flow Controls

For Metcraft Shower Heads

Part Number	Flow Rate
32007	1.2 GPM
32044	1.4 GPM
813692	2.0 GPM
20408	2.5 GPM

Metcraft® Industries, Inc.

403060
1/8" Tubing
*Tubing is sold per linear foot.



806587
1/2" Tubing
*Tubing is sold per linear foot.



806586
1/8" Tubing Nut



806589
1/2" Tubing Nut



118-202
Lube Packet



PLASTIC ADAPTERS

TUBING x MALE PIPE

1/4”OD x 1/8”MIP - PART # 807837 (AFH)
1/4”OD x 3/8”MIP - PART # 810360
1/2”OD x 1/4”MIP - PART # 810331 (B5)
1/2”OD x 3/8”MIP - PART # 805169 (B1,B3)
1/2”OD x 1/2”MIP - PART # 810361 (PSH)



TUBING x FEMALE PIPE

1/2”OD x 3/8”FIP - PART # 810362
1/2”OD x 1/2”FIP - PART # 810363



TUBING x MALE PIPE

1/4”OD x 3/8”MIP - PART # 810364
1/2”OD x 3/8”MIP - PART # 805642 (B1)
1/2”OD x 1/2”MIP - PART # 407653 (PSH)



TUBING x FEMALE PIPE

1/2”OD x 3/8”FIP - PART # 810366
1/2”OD x 1/2”FIP - PART # 810367



810842

1/4" to 1/2" Adapter



Metcraft® Industries, Inc.

STOP CHECK/STRAINER

NOTES: _____

808356
Stop Check/Strainer



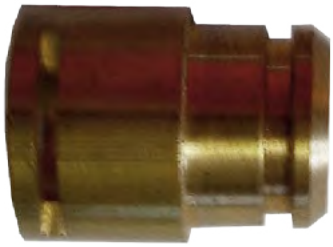
005851
Stop Check Repair Kit



812303
Stop Check Replacement Plunger



34498
Stop/Check Adapter for Acorn Valves



38236
Stop/Check Adapter for Willougby Valves



Metcraft® Industries, Inc.

PUSH BUTTON ASSEMBLIES AND PARTS

802592
Push Button Assembly



005852
ADA Push Button Assembly



16791-LR
Ligature Resistant Push Button Assembly



30663-LR
Ligature Resistant ADA Push Button Assembly



38287
Deck Mounted Push Button Assembly



38107
ADA Deck Mounted Push Button Assembly



Metcraft® Industries, Inc.

PUSH BUTTON ASSEMBLIES AND PARTS

920196
Push Button



35817
Ligature Resistant Push Button



920186
Lock Nut



920197
Escutcheon



920200
POD Assembly



005853
ADA POD Assembly



Ligature Resistant Ring for Push Buttons

35697A	Ring for Metcraft Push Buttons
35698A	Ring for Acorn Push Buttons
35699A	Ring for Willoughby Push Buttons



31502
Hemispherical Push Button

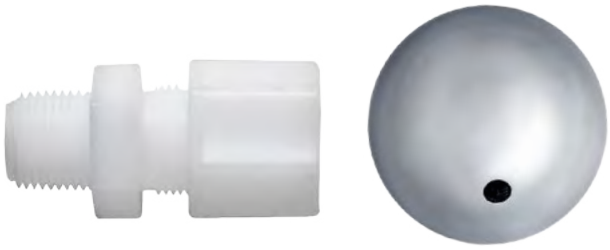


BUBBLERS & SHOWER PARTS

31621
B1H - Hemispherical Bubbler



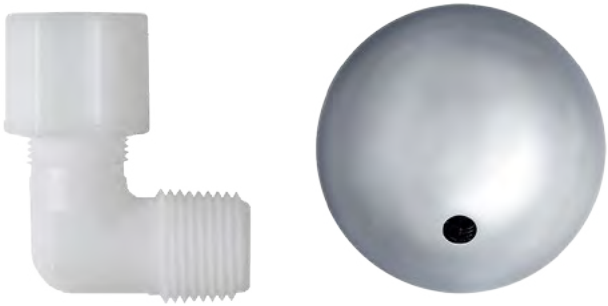
805397
B3H - Hemispherical Filler with 805169 Adapter



31501
B5H - Extended Bubbler



35166
B3H - Hemispherical Filler with 805642 Adapter



35483
PSH-2 Conical Shower Head

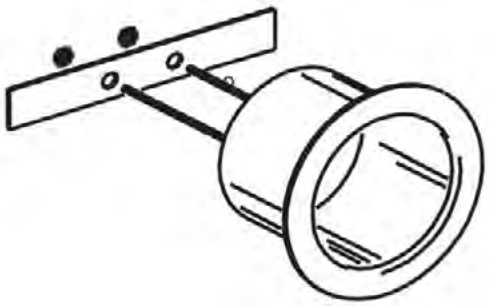


36048
Ligature Resistant Pressure Balancing Valve

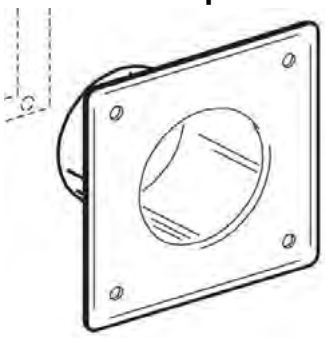


Metcraft® Industries, Inc.

13537
A720 Ligature Resistant Recessed Paper Holder



14263
A721 Ligature Resistant Recessed Paper Holder



37477
A722 Ligature Resistant Recessed Paper Holder



Patent Pending

37478
A722-1 Ligature Resistant Recessed Paper Holder



Patent Pending

37523
A723 Ligature Resistant Surface Mounted Paper Holder



Patent Pending

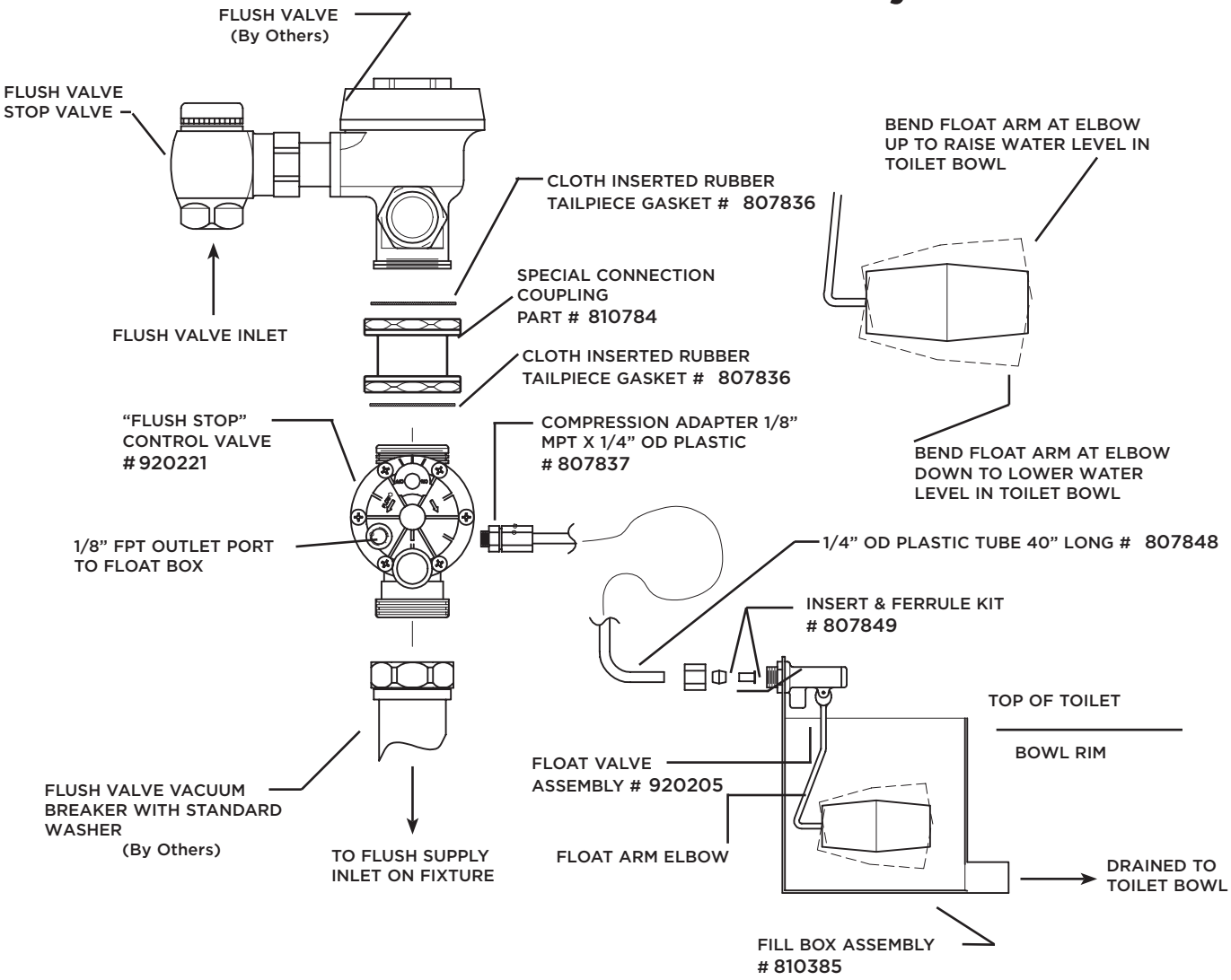
37524
A723-1 Ligature Resistant Surface Mounted Paper Holder



Patent Pending

Metcraft® Industries, Inc.

920221
AFH Anti-Flood Valve Assembly



Connect hydraulic "Flush Stop" valve to flush valve using special connection coupling with cloth inserted washers. Install vacuum breaker on downstream side of "Flush Stop" valve. Install assembly on unit as usual.

Slip compression nuts on tube. Install tube on float valve. Run interconnect tube to "Flush Stop" valve. Interconnect tube should be as short as possible, it should have a continuous rise from float valve to compression fitting. All bends should be as "gentle" as possible, be careful not to kink tube when bending. Install compression adapter on "Flush Stop" valve. Install interconnect tube to compression adapter.

The float valve is positioned to prevent water from overflowing the bowl. To adjust the water level, bend the arm of the float valve as required to maintain the desired maximum water level.

Metcraft® Industries, Inc.

ANTI-FLOOD VALVE & REPAIR PARTS

920205
Float Valve Assembly



810785
Fill Box Assembly



807836
Cloth Inserted Rubber Gasket



807849
Insert & Ferrule Kit



807837
1/8" x 1/4" Plastic Compression Adapter



807848
1/4" OD Plastic Tubing 40" Long



810784
Slip Joint Coupling



920221
Ant-Flood Valve Assembly



806418
1" Diaphragm Replacement Kit



Metcraft® Industries, Inc.

BUBBLERS & FILLERS

805553
B1 - Bubbler/Filler



805552
B2 - Bubbler with Mouthguard



31621
B1H - Hemispherical Bubbler with 805169 Adapter



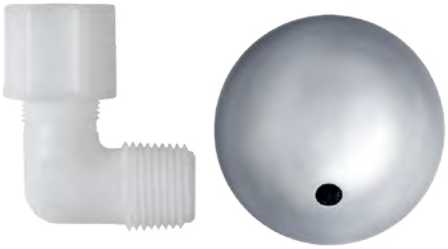
27510
B4H - Spout Assembly with Hose End



805397
B3H - Hemispherical Filler with 805169 Adapter



37189
B3H - Hemispherical Deck Filler Assembly w/ PL Elbow



31501
B5H - Filler Only



27509
B4 - Spout Assembly with Spray End



810346
B5 - Deck Mounted Filler Spout

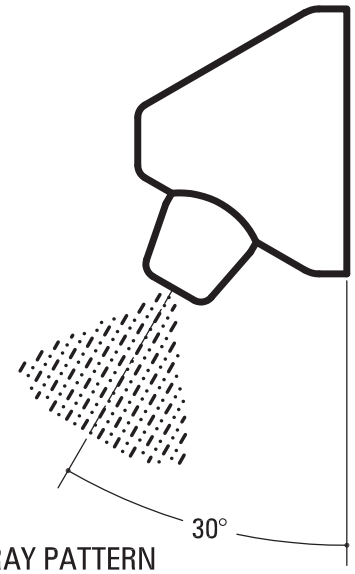


Metcraft® Industries, Inc.

SHOWER HEADS

606517

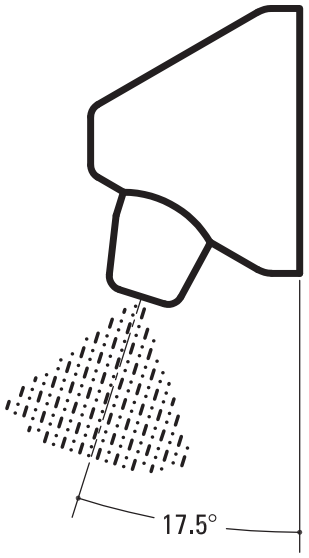
PSH-1 30 DEGREE SHOWER HEAD



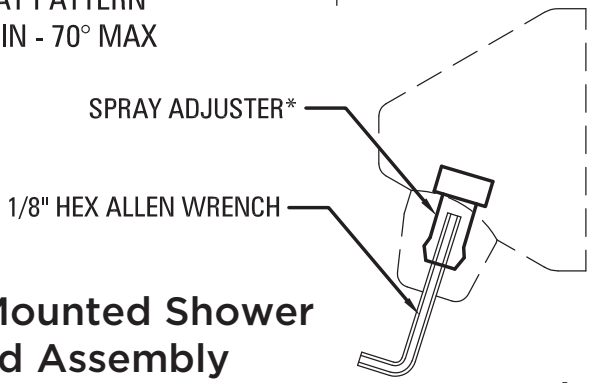
SPRAY PATTERN
5° MIN - 70° MAX

500224

PSH-2 17.5 DEGREE SHOWER HEAD



SPRAY PATTERN
5° MIN - 70° MAX



The shower heads feature an adjustable spray pattern. Use a 1/8" Allen wrench inserted though the spray head orifice to adjust the spray pattern. Do not force or the adjuster will strip out.

Ceiling Mounted Shower Head Assembly

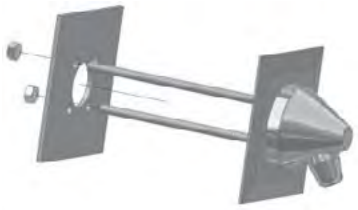


35764
8641 Surface Mounted Ceiling Shower



35899
8141 Rear Mounted Ceiling Shower

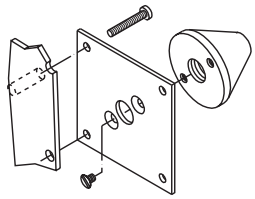
Rear Mounted Shower Head Assemblies



18541
A390 30dg Rear Mounted Shower Head

18605
A395 17.5dg Rear Mounted Shower Head

Front Mounted Shower Head Assemblies



13125
A391 30dg Front Mounted Shower Head

25689
A396 17.5dg Front Mounted Shower Head

Metcraft® Industries, Inc.

Tamper Resistant S/S Torx Button Head Screw



Part #	Size
810930	#6-32 X 1/2"
20072	#8-32 X 1/2"
803988	#10-24 X 1/2"
806585	#10-24 X 1-1/4"
810931	1/4-20 X 1"
810932	1/4-20 x 1-1/4"

Tamper Resistant S/S Torx Flat Head Screw



Part #	Size
810933	#6-32 X 1/2"
810934	#8-32 X 1/2"
810935	#8-32 X 1"
810936	1/4-20 x 1-1/2"

Torx Bit



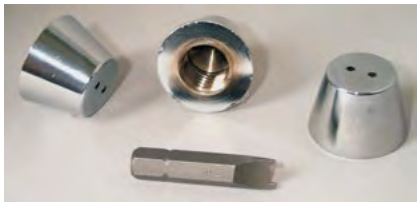
Part #	Size
810937	#6 T-10
810938	#8 T-15
16169	#10 T-25
19607	1/4-20 T-27

Cage Nut



Part #	Size
806584	#10-24
15356	1/4-20
30435	1/2"-13

Vandal Resistant Cap Nuts & Spanner Bit



Part #	Size
SF3-003	1/4 - 3/8 - 5/8 Spanner
SF3-138	1/4-20 Cap Nut
SF3-178	3/8-16 Cap Nut
SF3-179	5/8-11 Cap Nut

Through Bolt Security Nuts and Bit



Part #	Size
33095	1/4-20 Nut
33119	5/16-18 Nut
33120	3/8-16 Nut
33096	Bit

Pneumatic Valve Fasteners



Part #	Size
803811	#8-32 x 1-5/16 Screw
32534	#8-32 x 1-1/2" Screw
803812	#8 Lock Washer
812450	#8-32 Hex Nut

Hex Bolts and Lock Washers



Part #	Size
17015	1/4" S/S Lock Washer
24457	1/4-20 X 1/2" S/S Hex Bolt for Bubblers and Shower Heads
34864	1/4-20 X 3/8" S/S Hex Bolt for Conical Shower Heads

Lavatory Couplings

Part #	Description
29635	A205-1 & 2 Coupling 1-1/4" S/S to 1-1/2" CI/PL/STL
36267	A205-4 Coupling 1-1/2" S/S to 1-1/2" CI/PL/STL
14730	A205-6 Coupling 1-1/2 S/S to 2" CI/PL/STL
14150	A205-3 Coupling 1-1/4 S/S to 2" CI/PL/STL



1.6 GPF Toilet Couplings

Part #	Description
34564	A210-1 & 2 Coupling 3" S/S to 4" CI/PL/STL
34565	A210-3, 4 & 6 Coupling 3" S/S to 3" CI/PL/STL



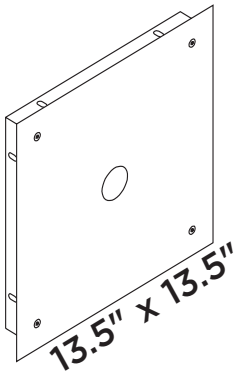
1.28 GPF Toilet Couplings

Part #	Description
30075	A210-5 Coupling 2-3/8" S/S to 2-3/8" CI/PL/STL
17881	A210-8 Coupling 2-3/8" S/S to 4" CI/PI/STL
17882	A210-9 Coupling 2-3/8" S/S to 3" CI/PL/STL



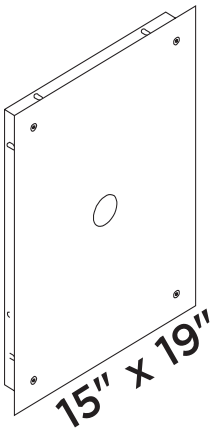
Metcraft® Industries, Inc.

FLUSH VALVE BOXES & ACCESS COVERS



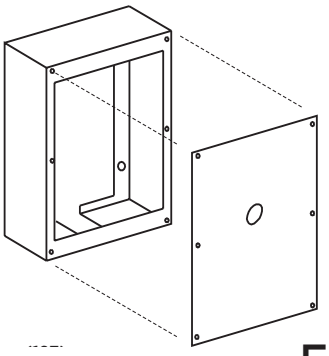
15853
A610 Access Cover w/ Hole

29849
A610 Access Cover w/o Hole

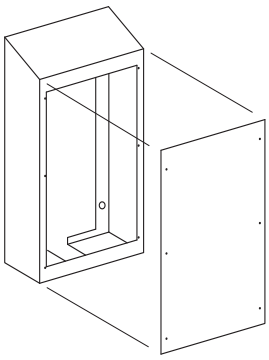


17186
A611 Access Cover w/ Hole

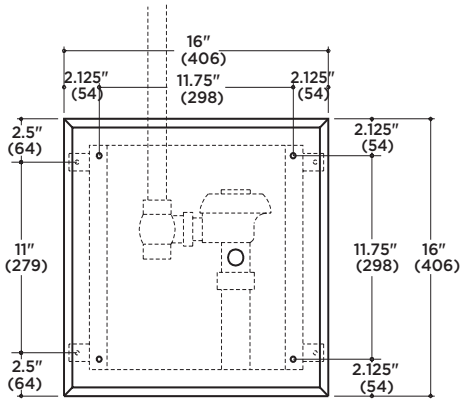
31006
A611 Access Cover w/o Hole



28810
A615 Flat Top Flush Valve Box
12" x 17" x 5"



30961
A615 Sloped Top Flush Valve Box
12" x 17" x 5"



14400
A620 Recessed Flush Valve Box with No Hole

24680
A620 Recessed Flush Valve Box with Hole

Metcraft® Industries, Inc.

PINNED CLEANOUT PLUG/HOOK

403914
A216-3 S/S Pinned Brass Cleanout Plug 3”
for placement behind the toilet.

16556
A216-4 S/S Pinned Brass Cleanout Plug 4”
for placement behind the toilet.



29605
A216H-3 S/S Pinned Brass Cleanout Hook 3” for placement in the Vertical Stack.

28293
A216H-4 S/S Pinned Brass Cleanout Hook 4” for placement in the Vertical Stack.



Test Tees

23169
A215-3 3" No-Hub Tee with Plug

23170
A215-4 4" No-Hub Tee with Plug



GRAB BARS

A550 SERIES
SINGLE WALL GRAB BARS

35287	A550	24" Long Straight Grab Bar
35286	A550LR	Ligature Resistant 24" Long Straight Grab Bar
35291	A551	36" Long Straight Grab Bar
35290	A551LR	Ligature Resistant 36" Long Straight Grab Bar
34782	A552	42" Long Straight Grab Bar
32925	A552LR	Ligature Resistant 42" Long Straight Grab Bar
33880	A553	48" Long Straight Grab Bar
37692	A553LR	Ligature Resistant 48" Long Straight Grab Bar
37088	A554	18" Long Straight Grab Bar
37240	A554LR	Ligature Resistant 18" Long Straight Grab Bar

STANDARD FEATURES

- 1-1/2" OD Grab Bar.
- 16 Gauge Type 304 Stainless Steel.
- 12 Gauge Flange
- Slip Resistant Gripping

Standard Model Pictured Directly Below
Ligature Resistant Model Pictured at Bottom





A540 SERIES
TWO & THREE WALL GRAB BARS

32035	A540	2-Wall Grab Bar
29381	A540LR-LH	Left Hand Ligature Resistant 2-Wall Grab Bar
29355	A540LR-RH	Right Hand Ligature Resistant 2-Wall Grab Bar

STANDARD FEATURES

- 1-1/2" OD Grab Bar.
- 16 Ga, Type 304 Stainless Steel.
- Slip Resistant Gripping

Standard Model Pictured Directly Below
Ligature Resistant Model Pictured at Bottom





Metcraft® Industries, Inc.

HAND HELD SHOWER PARTS

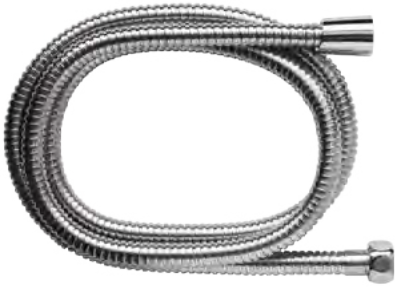
500195
Spray Head



500197
Swivel Connector



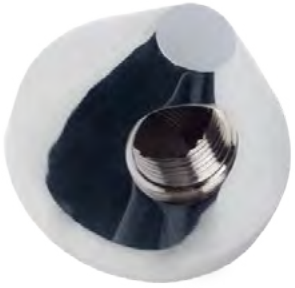
500198
S/S Flexible Hose



500196
Mounting Hook



500183
Supply Flange



500184
Adapter



500188
Vacuum Breaker



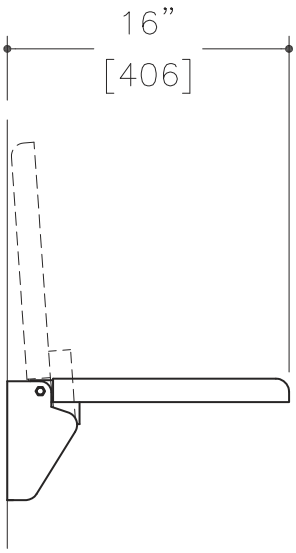
500189
Quick Disconnect

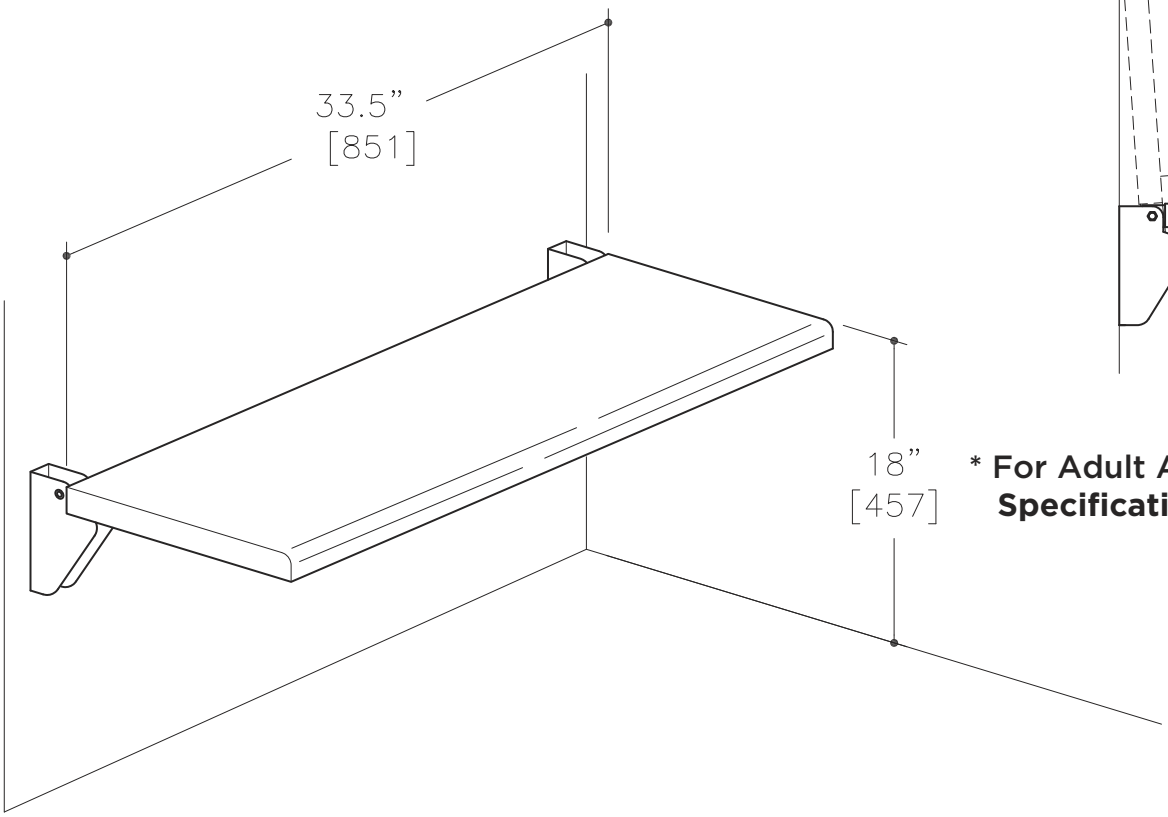


Metcraft® Industries, Inc.

36799
A517 FOLDING STAINLESS STEEL SHOWER SEAT



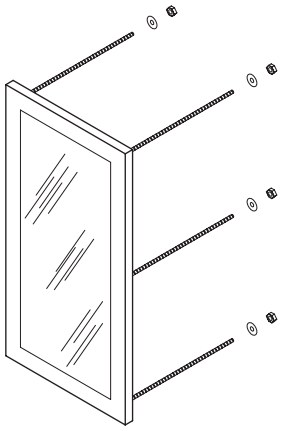




*** For Adult ADA Specifications**

Metcraft® Industries, Inc.

MIRRORS, SOAP DISHES & TOWEL HOOKS



Rear Mounted Mirrors:

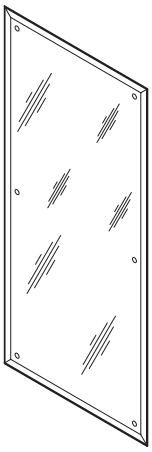
(stainless steel mirrors with satin finish)

19210
A750 Mirror - 12.25” x 16”

26436
A751 Mirror - 12.25” x 24” ADA

A758 Mirror - Custom Sizes

Front Mounted Mirrors



29270
A752 Mirror - 12.5” x 16” ADA

29272
A753 Mirror - 12.5” x 24” ADA

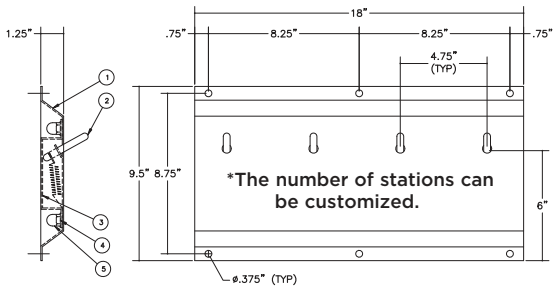
33003
A754 Mirror - 9.5” x 11.25”

31546
A755 Mirror - 11.25” x 17.25”

35448
A756 Mirror - 11.25” x 23.5” ADA

A757 Mirror - Custom Sizes

18686
A710 Towel Hook Station



808488
A501 Surface Mounted Soap Dish



35974
A504 Recessed Soap Dish



Metcraft® Industries, Inc.

FLUSH VALVE PIPE STABILIZER



Stabilize your **valve piping in five** minutes.

- Affordable
- Easy to Install
- Reliable
- Helps Prevent Water Damage



810850

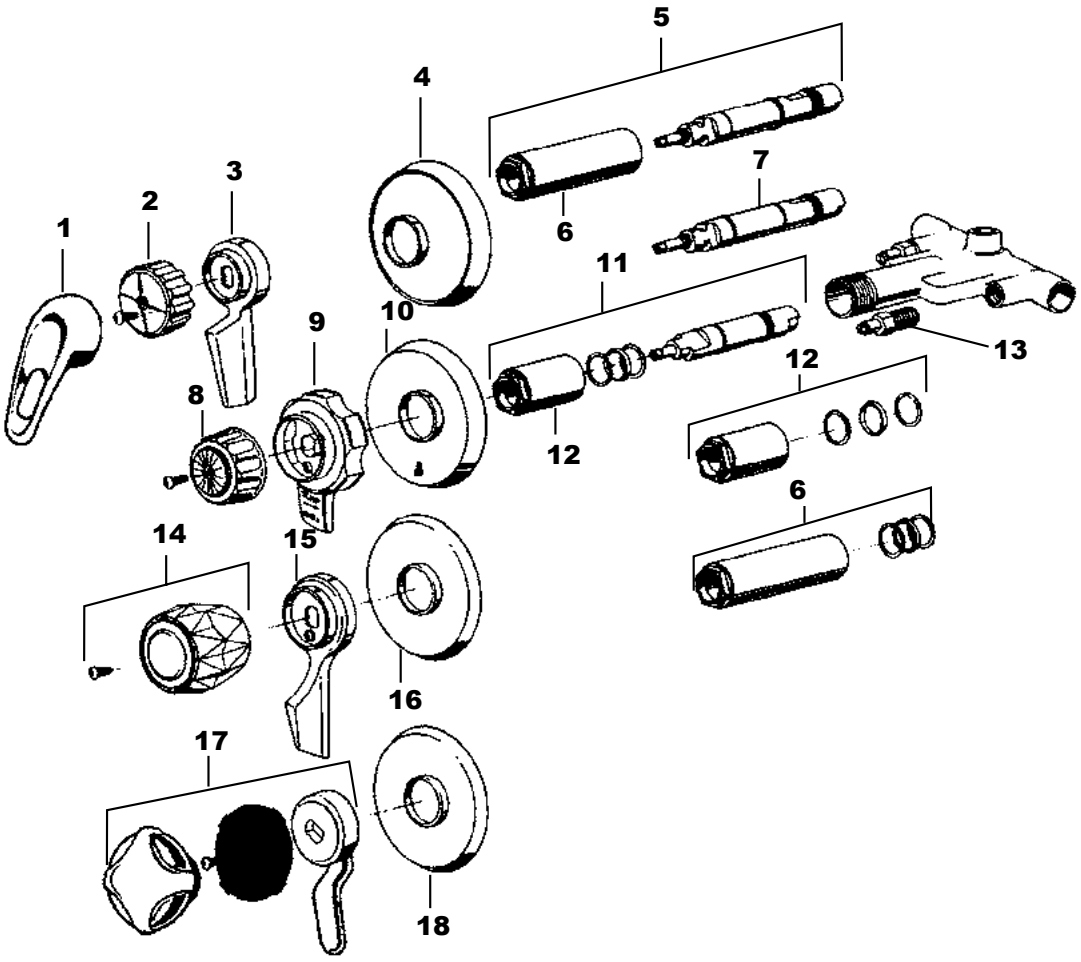
Flush valve pipe separation and major flooding is possible, if not inevitable, with most penal toilet fixtures. This separation is due to the increased back pressure necessary to flush institutional toilets. This separation can cost many thousands of dollars in damages and cleanup. But, Metcraft's new FVP Stabilizer can help eliminate this problem.

Two clamps attach to the vertical and horizontal discharge pipes with a solid connector joining them. This system reduces the vertical and horizontal movement of the flush pipes and helps prevent separation from the slip joint elbow. What's more, FVP Stabilizers are inexpensive and quick to install without any disturbance to existing piping.

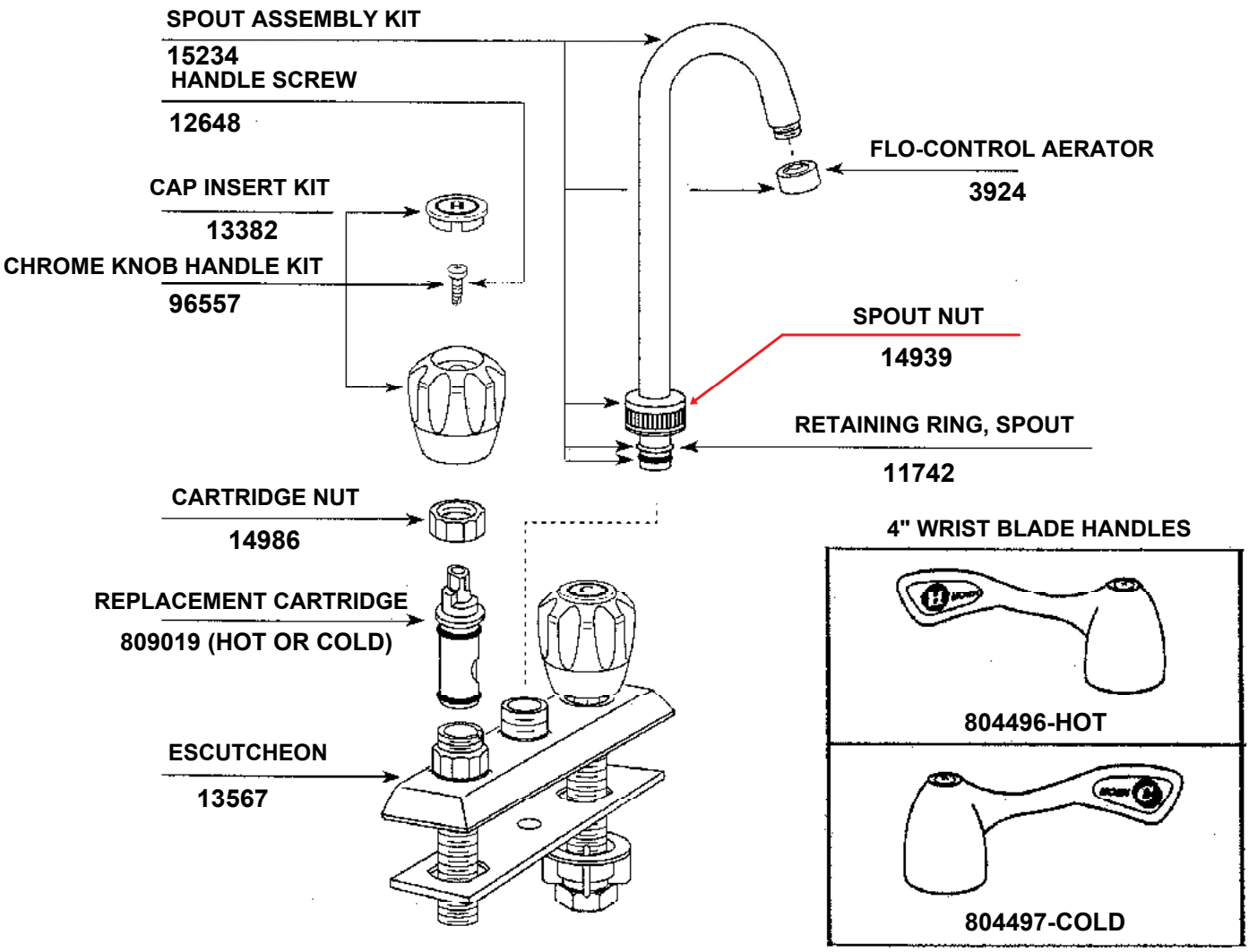
Metcraft® Industries, Inc.

NOTES: _____

MIXET® NON-PRESSURE BALANCE VALVES



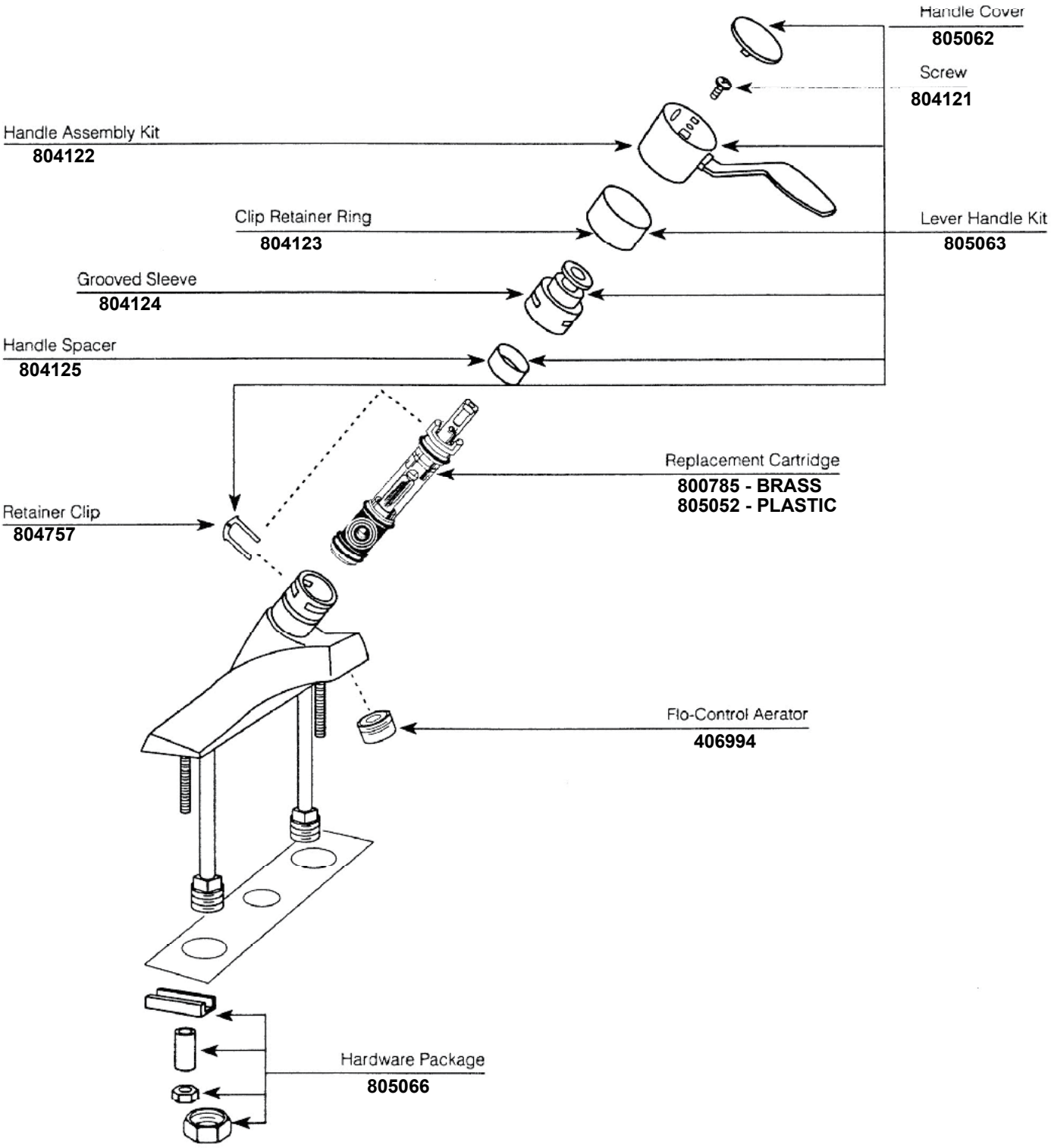
Part	STK No .	OEM No.	Descriptio n
1		MLH-HH	Mixet Single Lever Handicap Volume Control Handle
2		MRH-MET	Mixet Single Lever Volume Control Knob – Chrome Metal
3	804498	MLH-M ET	Mixet Single Lever Temperature Control Lever Handle – Chrome Meta l
4	805776	MDF-5 1/2	Mixet 5-1/2" Deep Escutcheon
5		MS-EXT	Mixet 6-1/4" Stem
6		MLS-RNC	Mixet Long Retainer Nut
7		MS 3T	Mixet Pre-1968 Stem
8	800576	MRH-CLR	Mixet Single Lever Volume Control Knob – Clear
		MRH-SMK	Mixet Single Lever Volume Control Knob – Smoke
9	800504	MTH-CLR	Mixet Single Lever Temperature Control Handle – Clear
		MTH-SMK	Mixet Single Lever Temperature Control Handle – Smoke
10		ML F	Mixet 4-1/2" Escutcheon
	805776	MLF-5 1/2	Mixet 5-1/2" Escutcheon
11	801020	MS 5ATC	Mixet 4-1/2" Stem
12		MSRNC	Mixet Retainer Nut
13		MCSVS	Mixet Concealed Stops (Pair)
14		MDXRH-CLR	Mixet Single Lever Deluxe Round Volume Control Knob
15		MLP-CP	Mixet Single Lever Temperature Control Lever Handle
16		MVF-5 1/2	Mixet 5-1/2" Shallow Escutcheon
17		MU LTRH/LH	Mixet Single Lever Ultimate V olume & Temperature Control Knob
18	805776	MLF-5 1/2	Mixet 5-1/2" Escutcheon



NOTES: _____

MOEN
Buy it for looks. Buy it for life.®

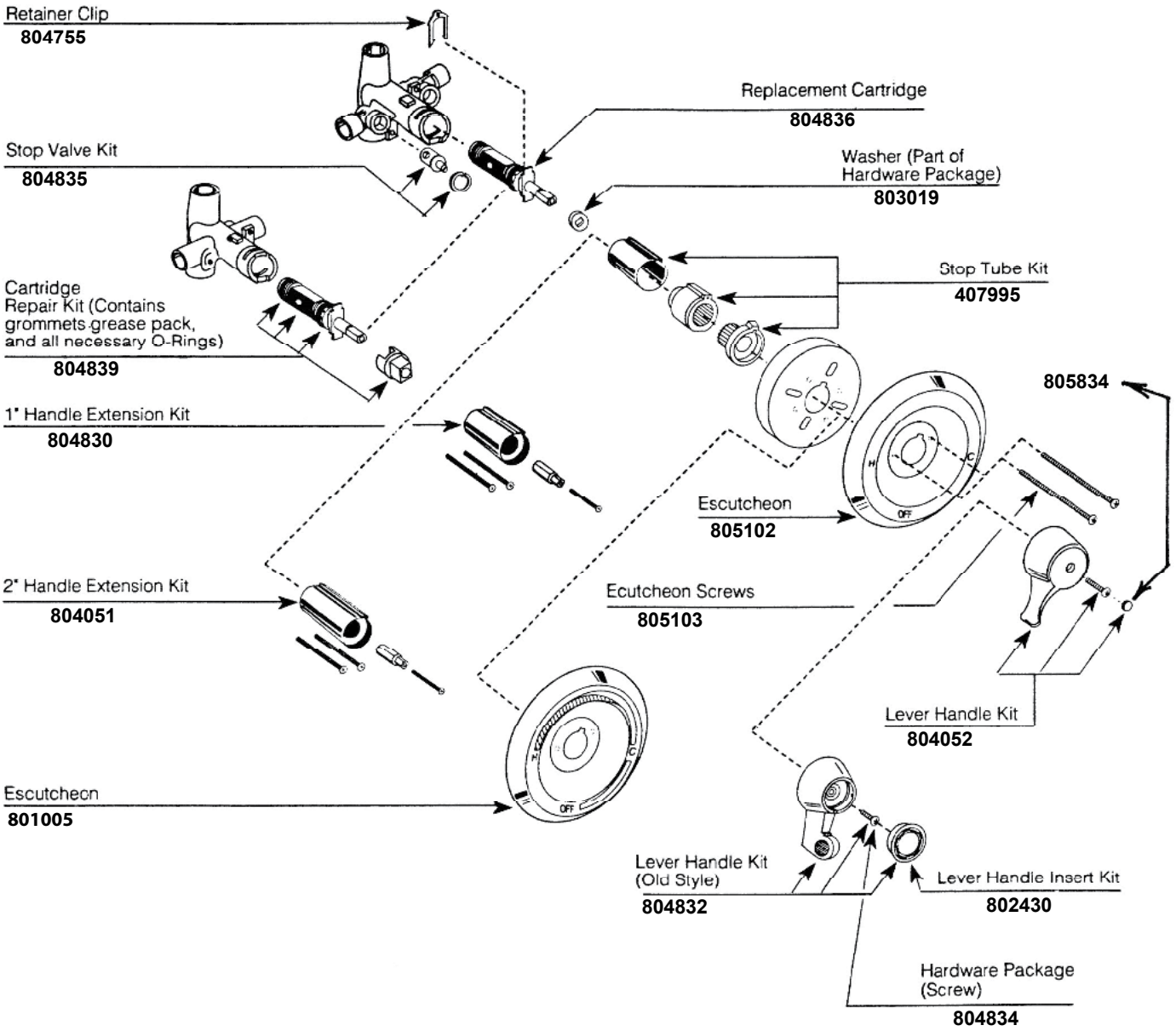
SINGLE-HANDLE LAVATORY FAUCET
LEGEND SERIES 4400, 4420



MOEN
Buy it for looks. Buy it for life.®

POSI-TEMP SINGLE-HANDLE TUB & SHOWER VALVES

CHATEAU SERIES T187|T188|T189|T190|T191|2320|2325|2339|2370|2375|2389

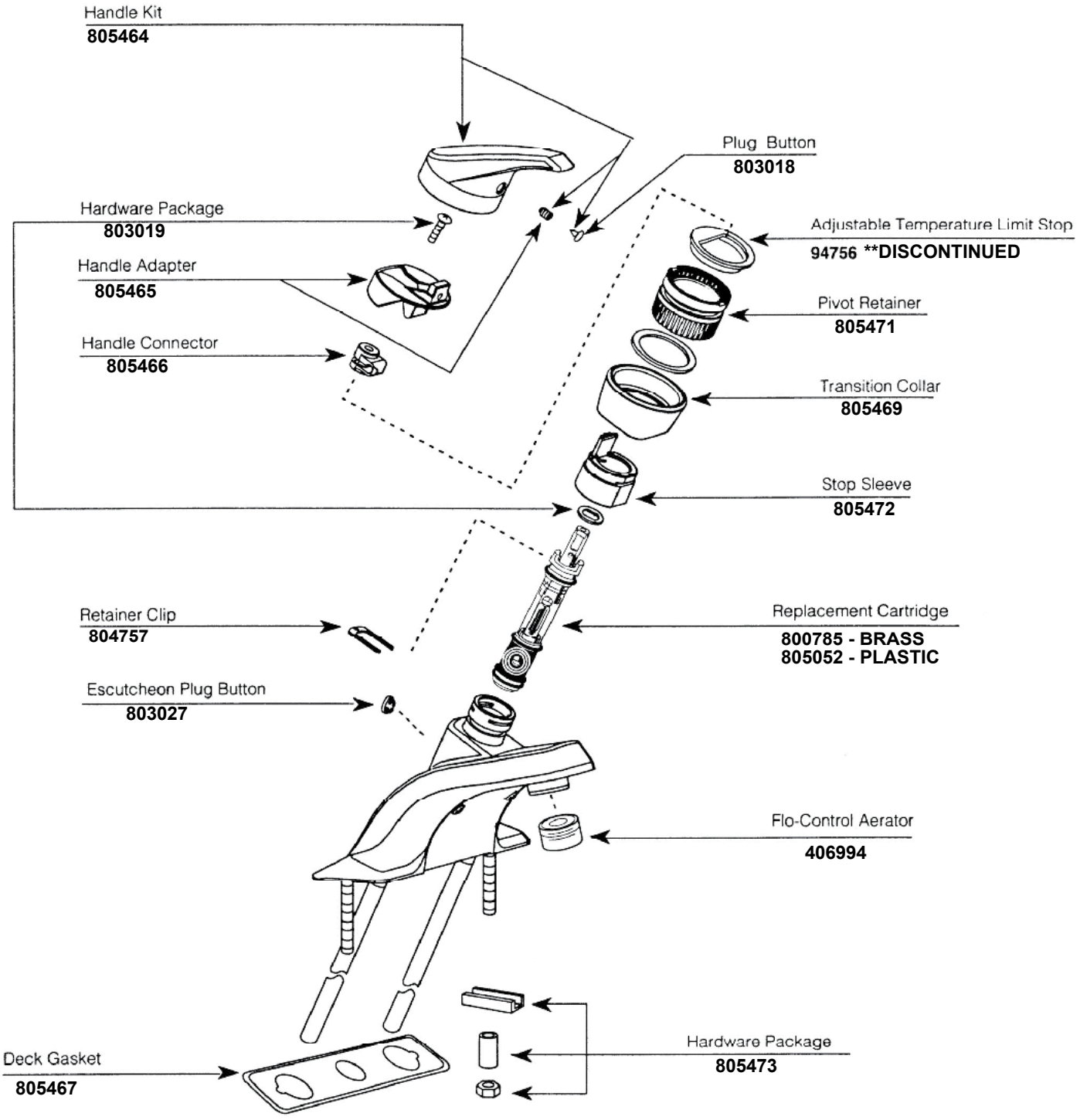


NOTES: _____

MOEN
Buy it for looks. Buy it for life.®

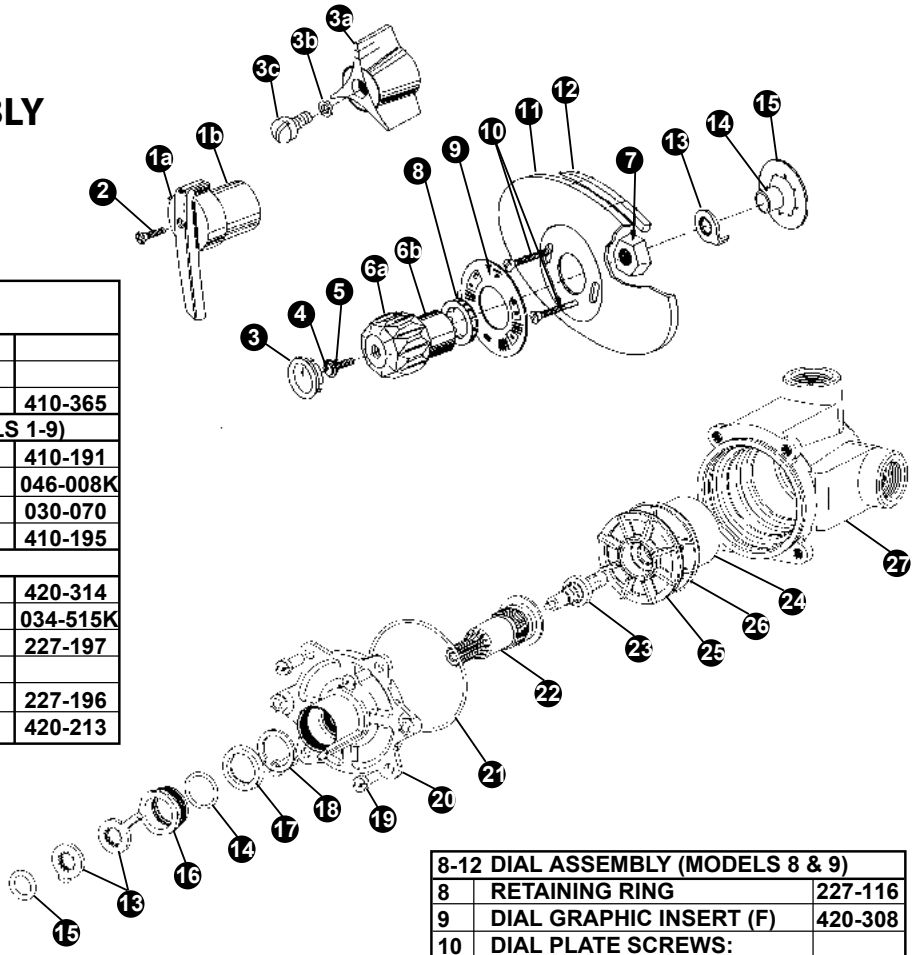
SINGLE-HANDLE LAVATORY FAUCET

CHATEAU® SERIES L4625, L4625P



NOTES: _____

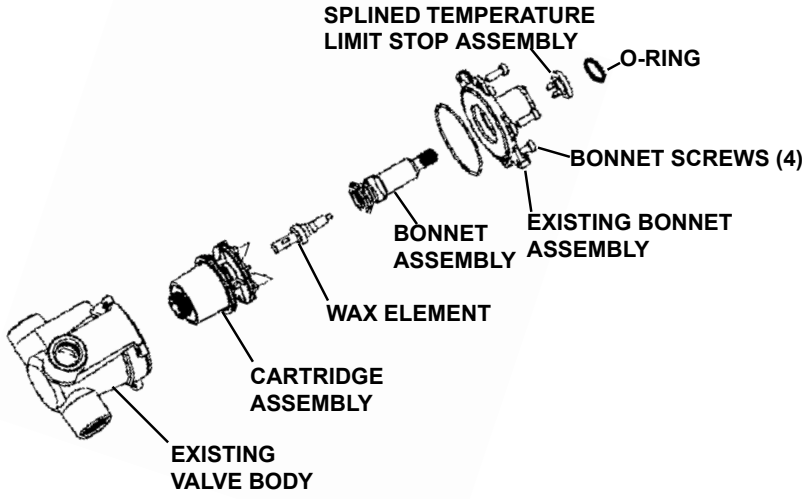
400 SERIES
POWERS LEVER, HANDLE AND TRI-HANDLE ASSEMBLY



1-2	LEVER HANDLE ASSEMBLY (MODELS 8 & 9)	
1a	LEVER HANDLE	
1b	SLEEVE	
2	LEVER HANDLE SCREW	410-365
3a-3d	TRI-HANDLE ASSEMBLY (ALL MODELS 1-9)	
3a	TRI-HANDLE	410-191
3b	WASHER	046-008K
3c	SCREW	030-070
3d	PLUG BUTTON (NS)	410-195
3-7	ACRYLIC HANDLE ASSEMBLY	
3	PLUG BUTTON AND INSERT	420-314
4	HANDLE SCREW 8-23x 3/4"	034-515K
5	WASHER	227-197
6a	ACRYLIC HANDLE KNOB	
6b	SLEEVE	227-196
7	KNOB INSERT	420-213

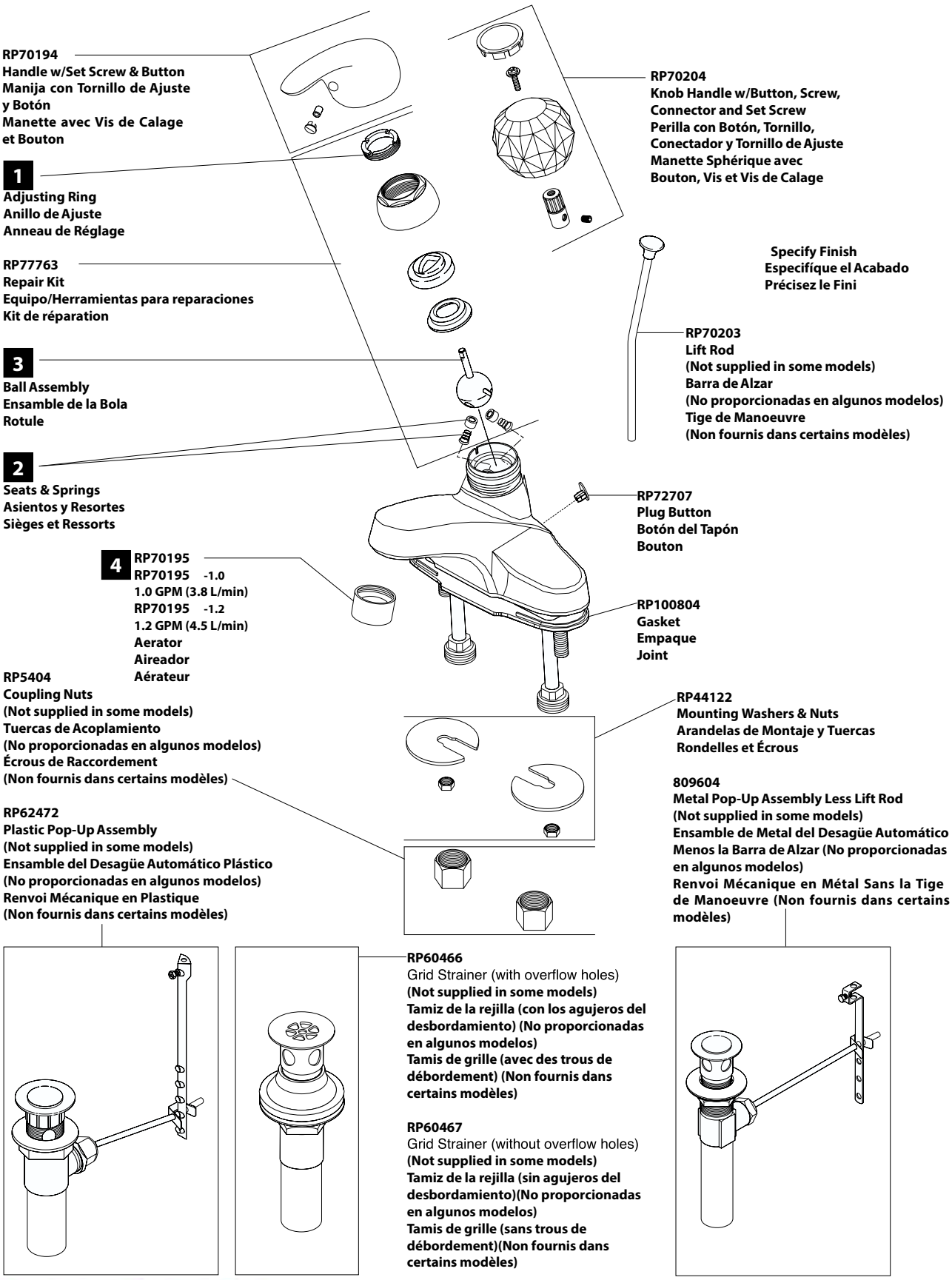
8-12	DIAL ASSEMBLY (MODELS 8 & 9)	
8	RETAINING RING	227-116
9	DIAL GRAPHIC INSERT (F)	420-308
10	DIAL PLATE SCREWS: (CONSEALED) 8-32 x 1-1/2" (2)	080-013
11	DIAL PLATE (OVAL)	420-166
12	DIAL GASKET	410-284
13	TEMP STOP	047-124
14	O-RING	084-014
15	O-RING	047-128
16	PACKING GLAND	420-578
17	HUVA CUP	225-404
18	PACKING STOP RING	420-210
19	BONNET SCREWS	030-887
20	BONNET	420-210
21	O-RING	047-128
22	ADJUSTMENT STEM	420-139
23	THERMAL ACTUATOR	420-024
24	CARTRIDGE ASSEMBLY	420-140
25	O-RING	047-029
26	O-RING	047-129
27	VALVE BODY	N/A

304418 MOTOR UPGRADE KIT



SINGLE HANDLE LAVATORY FAUCET

MODELS: P130LF, P131LF, P135LF, P135LF-W, P136LF, P136LF-M & P138LF-M



RP70194
Handle w/Set Screw & Button
Manija con Tornillo de Ajuste y Botón
Manette avec Vis de Calage et Bouton

1
Adjusting Ring
Anillo de Ajuste
Anneau de Réglage

RP77763
Repair Kit
Equipo/Herramientas para reparaciones
Kit de réparation

3
Ball Assembly
Ensamble de la Bola
Rotule

2
Seats & Springs
Asientos y Resortes
Sièges et Ressorts

4
RP70195
RP70195 -1.0
1.0 GPM (3.8 L/min)
RP70195 -1.2
1.2 GPM (4.5 L/min)
Aerator
Aireador
Aérateur

RP5404
Coupling Nuts
(Not supplied in some models)
Tuercas de Acoplamiento
(No proporcionadas en algunos modelos)
Écrous de Raccordement
(Non fournis dans certains modèles)

RP62472
Plastic Pop-Up Assembly
(Not supplied in some models)
Ensamble del Desagüe Automático Plástico
(No proporcionadas en algunos modelos)
Renvoi Mécanique en Plastique
(Non fournis dans certains modèles)

RP70204
Knob Handle w/Button, Screw, Connector and Set Screw
Perilla con Botón, Tornillo, Conectador y Tornillo de Ajuste
Manette Sphérique avec Bouton, Vis et Vis de Calage

Specify Finish
Especifíque el Acabado
Précisez le Fini

RP70203
Lift Rod
(Not supplied in some models)
Barra de Alzar
(No proporcionadas en algunos modelos)
Tige de Manoeuvre
(Non fournis dans certains modèles)

RP72707
Plug Button
Botón del Tapón
Bouton

RP100804
Gasket
Empaque
Joint

RP44122
Mounting Washers & Nuts
Arandelas de Montaje y Tuercas
Rondelles et Écrous

809604
Metal Pop-Up Assembly Less Lift Rod
(Not supplied in some models)
Ensamble de Metal del Desagüe Automático Menos la Barra de Alzar (No proporcionadas en algunos modelos)
Renvoi Mécanique en Métal Sans la Tige de Manoeuvre (Non fournis dans certains modèles)

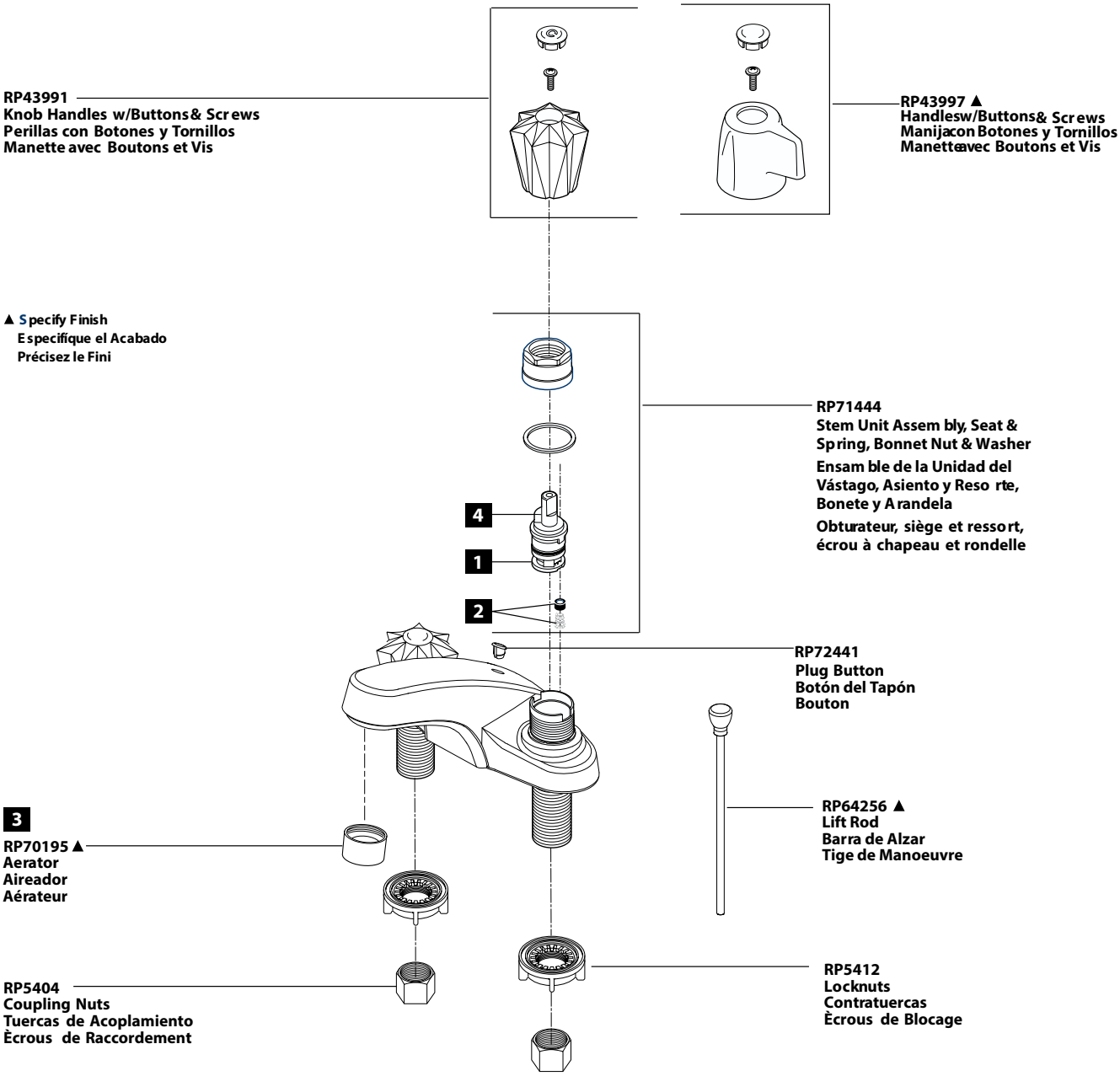
RP60466
Grid Strainer (with overflow holes)
(Not supplied in some models)
Tamiz de la rejilla (con los agujeros del desbordamiento) (No proporcionadas en algunos modelos)
Tamis de grille (avec des trous de débordement) (Non fournis dans certains modèles)

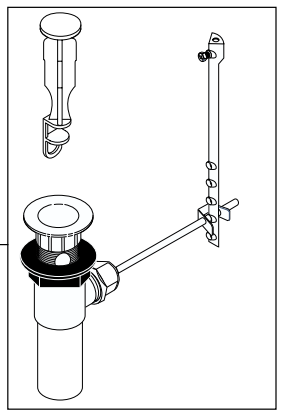
RP60467
Grid Strainer (without overflow holes)
(Not supplied in some models)
Tamiz de la rejilla (sin agujeros del desbordamiento)(No proporcionadas en algunos modelos)
Tamis de grille (sans trous de débordement)(Non fournis dans certains modèles)

PEERLESS

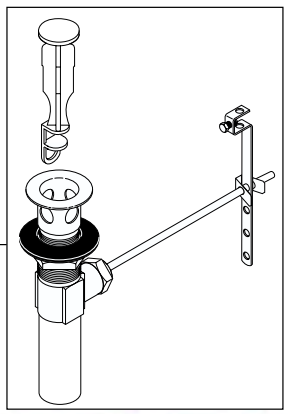
TWO HANDLE LAVATORY FAUCET

MODELS: P240LF, P241LF, P245LF, P245LF-M, P246LF, P246LF-M P246LF-BN & P246LF-BN-M





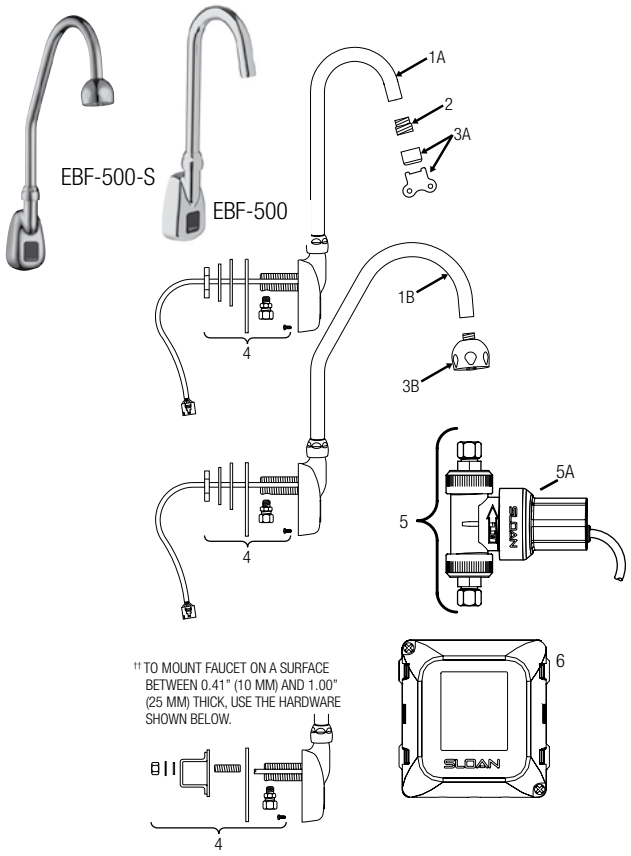
Plastic Pop-Up Assembly Less Lift Rod
Ensamble del Desagüe Automático Plástico Menos la Barra de Alzar
Renvoi Mécanique en Plastique Sans la Tige de Manoeuvre

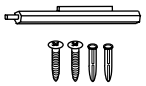


Metal Pop-Up Assembly Less Lift Rod
Ensamble de Metal del Desagüe Automático Menos la Barra de Alzar
Renvoi Mécanique en Métal Sans la Tige de Manoeuvre

PEERLESS

OLD OPTIMA® 605300 (EBF-550/EBF-550-S)



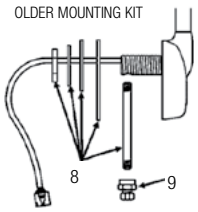






New Base Gasket

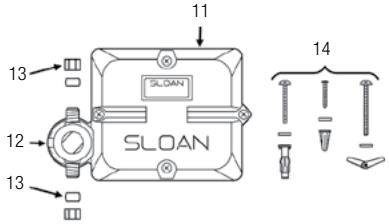
The new base gasket (in production since October 1999) is shown below. An older base gasket design did not have the u-shaped drainage hole.



The new mounting kit (in production since June 1999; Item 4 shown at left) includes parts for installation on both thin and thick surfaces, an ETF-591 male compression fitting, and an anti-rotation screw for installation on sheet metal surfaces less than 0.41" (10 mm) thick. For surfaces between 0.41" (10 mm) and 1.00" (25 mm) thick, use the mounting spacer and mounting stud hardware. The faucet sensor cable is threaded through a groove on the side of the shank.

The older mounting kits (Items 9 and 10) can be identified by a copper supply tube attached to the faucet shank, requires an ETF-547 compression fitting, and threads the faucet sensor cable through the interior of the shank.

The current parts breakdown shown on the left has been in production since September 2008. For earlier EBF-650/615 faucet models, please refer to the parts breakdown below and right or consult your nearest Sloan representative.



PARTS LIST—EBF-550 FAUCET

Item No.	Code No.	Part No.	Description
1A.	**0315234**	EBF-222-A-ST	Faucet and Sensor Assembly with Standard Gooseneck Spout (EBF-550) w/ ETF-178 (new sensor w/ phone jack
1B.	**0315227PK***	EBF-222-A-SU	Faucet and Sensor Assembly with Surgical Bend Gooseneck Spout (EBF-550-S) w/ ETF-178 (new sensor w/ phone jack
2.	**920605**	ETF-178	Adapter for Spray Heads (not required for AC-55-A Shower Spray Head)
3A.	**0365147**	ETF-621	2.2 gpm (8.3 Lpm) Laminar Flow Spray Head with Key (female thread)
	0365793	ETF-839	0.35 gpm (1.3 Lpm) Multi-Lam Spray Head
	920604	ETF-435	Replacement Key ONLY
3B.	**0328134**	AC-55-A	Shower Spray Head Assembly, 2.2 gpm (8.3 Lpm)
4.	**0315060**	EBF-110-A	Faucet Mounting Kit includes Base Gasket, large Flat Washer, large Lockwasher, large Nut, Mounting Spacer, Mounting Stud, small Flat Washer, small Lockwasher, small Nut, Anti-Rotation Screw, and Compression Fitting Connector (male)
	0365152	ETF-591	1/8" NPT Pipe to 3/8" Tube Male Compression Fitting Connector
5.	**803958**	ETF-740-A	6 VDC Solenoid Valve Assembly
5A.	**923311**	ETF-742-A	6 VDC Solenoid Valve Only
6.	**600991**	ETF-735-A	Control Module
7.	**3365461**	ETF-617-A	Bak-Chek® "T" Assembly
—	**0365838**	ETF-1003	36" Extension Cable (Optional)

— Not shown in illustration

* Obsolete/No Substitution Available

For additional information about Sloan Mixing Valves or Trim Plates, consult our Installation Instructions and Maintenance Guides.

OLD MOUNTING KIT AND FAUCET SHANK

8.	**N/A**††	EBF-110-A	Old Faucet Mounting Kit included 3/8" Water Supply Tube, Base Gasket, large Flat Washer, large Lock Washer, large Nut, and Compression Fitting Connector (order Items 4 and 10 as replacement parts)
9.	**0365058**††	ETF-547	1/8" NPT Pipe to 3/8" Tube Female Compression Fitting Connector

Note: earlier faucet models are not compatible with the current models.

PARTS PRIOR TO SEPTEMBER 2009

11.	**920656**	EBF-60-A	Control Module Assembly
12.	**0315254**	EBF-1011-A	Solenoid Replacement Kit
13.	**3315029**	EBF-113-A	Single Solenoid Supply Compression Nut Kit
14.	**3315018**	EBF-79-A	Mounting Hardware Kit
15.	**3315222PK**	EBF-222A-ST	Standard Gooseneck Spout & Old Style Sensor Assembly (Flat 7 wire Black Modular Plug)
16.	**0315153**	EBF-206-A	Sensor Window w/ Cable Assembly

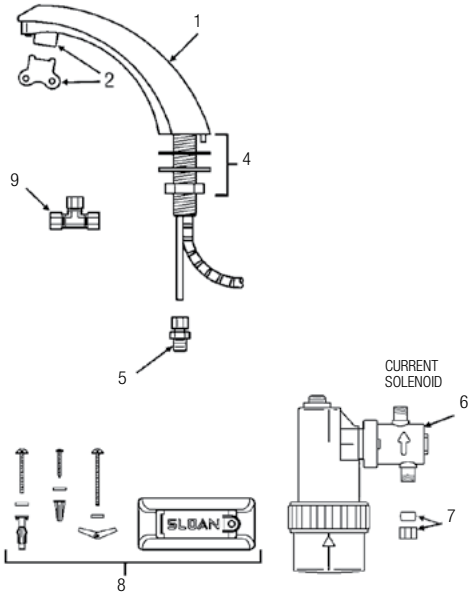
OLD OPTIMA® 604200 (EBF-85/EBF-187)

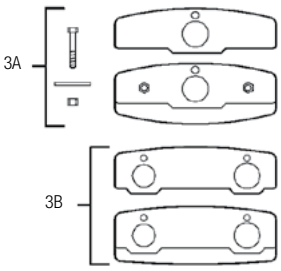


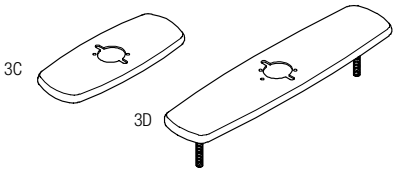
EBF-85

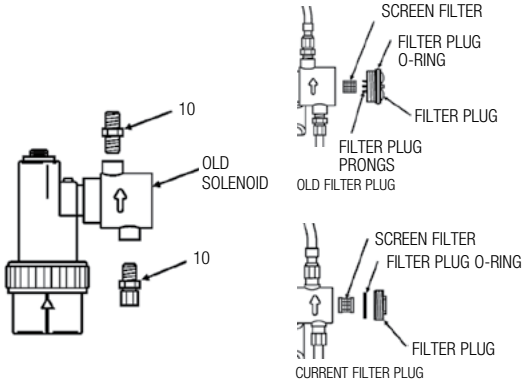


EBF-187









PARTS LIST—EBF-85/EBF-187 FAUCET

Item No.	Code No.	Part No.	Description
1.	**3315016**	EBF-10-A	Faucet and Sensor Assembly (EBF-85)
	0315112PK	EBF-170-A	Faucet and Sensor Assembly (EBF-187 with CP Metal Throat Plate)
—	**920016**	EBF-1009-A	Fiber Optic Sensor Cable Assembly **Only** (replaces EBF-12-A and EBF-179-A includes lens holder)
2.	**920603**	ETF-1021-A	0.5 gpm (1.9 Lpm) Spray Head with Key (female thread)
—	**802343**	ETF-1022-A	2.2 gpm (8.3 Lpm) Aerator Spray Head with Key (female thread)
—	**802344**	ETF-1028-A	1.5 gpm (5.7 Lpm) Laminar Flow Spray Head with Key (female thread)
—	**3365755**	ETF-1038-A	0.35 gpm (1.3 Lpm) Multi-Lam Spray Head VR
—	**920604**	ETF-435	Replacement Key ONLY
3A.	**3365466**	ETF-295-A	4" (102 mm) Centerset Trim Plate Kit for Faucet (Faucet Only) includes two (2) Nuts, two (2) Hex Screws, two (2) Flat Washers, Single Hole Cover Plate, and CP Base Plate
3B.	**3365467**	ETF-299-A	4" (102 mm) Centerset Trim Plate Kit for Faucet with Optional Mixing Valve includes two (2) Nuts, two (2) Hex Screws, two (2) Flat Washers, Dual Hole Cover Plate, and CP Base Plate
3C.	**3365468**	ETF-312-A	4" (102 mm) Centerset Trim Plate Kit for EBF-187 Faucet includes Back-up Spacer, Self-tapping Screw and CP Single Hole Trim Plate Assembly
3D.	**3365024**	ETF-510-A	8" (203 mm) Centerset Trim Plate Kit for EBF-85 or EBF-187 Faucet; includes two (2) Finger Nuts, two (2) Washer Gaskets, two (2) Fender Washers, Base Gasket, Back-up Spacer and CP Single Hole Trim Plate Assembly
4.	**0305626**	ETF-290-A	Faucet Mounting Kit includes Rubber Gasket, Mounting Washer, Mounting Nut, and Compression Fitting Connector
5.	**0305736**	ETF-297	1/4" to 3/8" Compression Fitting Connector
6.	**920657**	EBF-11-A	Solenoid Valve Module Assembly includes Solenoid Enclosure, Solenoid Body, and Filter Cap
—	**3315009**	EBF-1001-A	Solenoid Filter Replacement Kit for old solenoid includes Filter Screen Assembly and O-ring
—	**807472**	EBF-1004-A	Solenoid Filter Replacement Kit for current solenoid includes Filter Screen Assembly and O-ring
—	**3315051**	EBF-1005-A	Filter Cap Assembly for old solenoid includes metal Filter Cover and O-ring – OBSOLETE
7.	**3315029**	EBF-113	Single Supple Solenoid Kit
	3315001	EBF-16-A	Single Supply Solenoid Kit with Ferrule Compression Nut OBSOLETE
8.	**3315014**	EBF-25-A	Mounting Bracket Kit includes Base Plate, Wall Bracket Base, Wall Bracket, Mounting Screw, Self-tapping Screw, two (2) Wood Screws plus Washers and Plastic Anchors, two (2) Screws plus Washers and Toggle Nuts, two (2) Screws plus Washers and Hollow Wall Anchors
9.	**3365461**	ETF-617-A	Bak-Chek® "T" Assembly
10.	**0315004**	EBF-17	3/8" to 1/4" Compression Fitting Connector - OBSOLETE

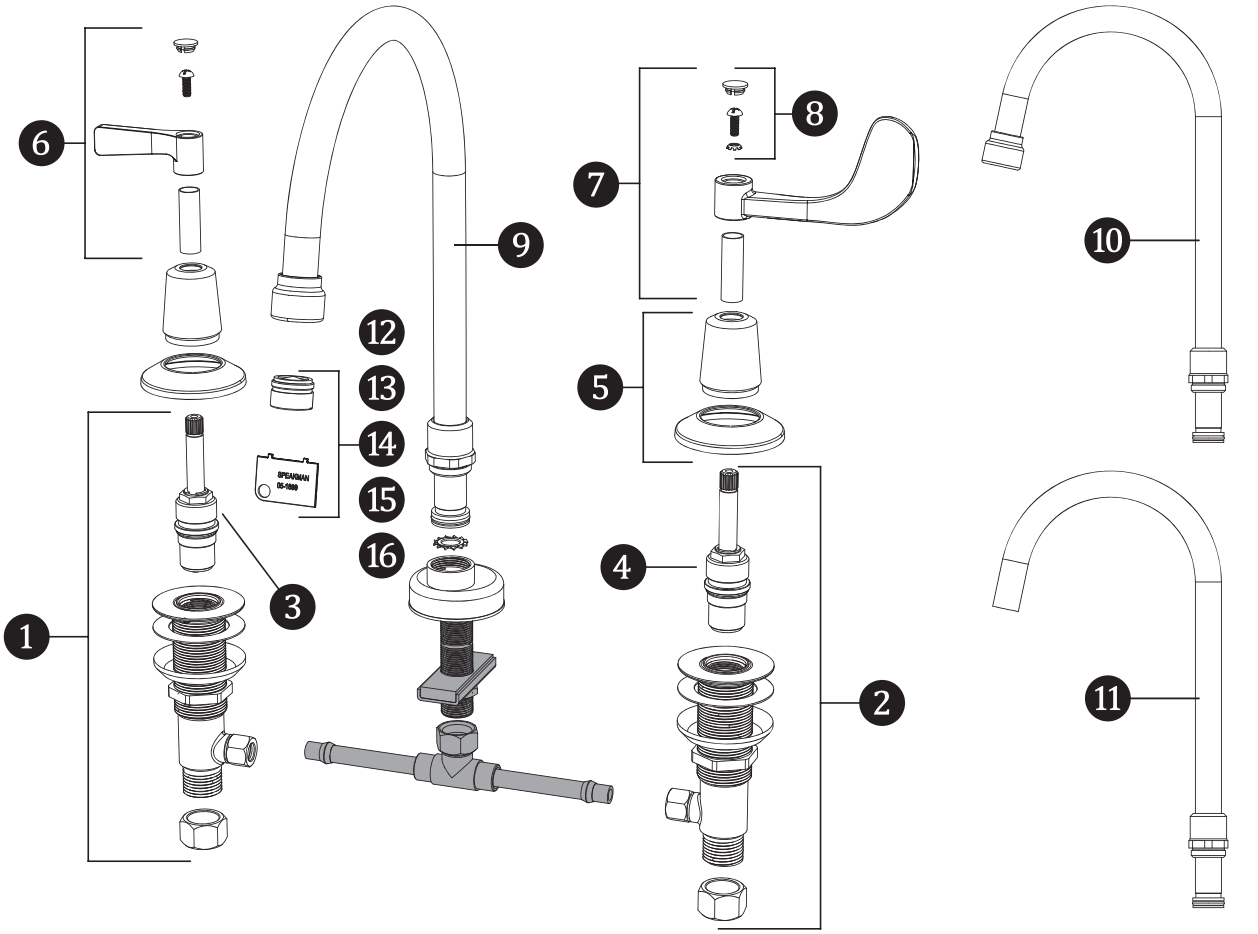
— = Not shown in illustration

SOLENOID VALVE CHANGES

The current solenoid (in production since May 1998; part 7 shown on the left) has MALE inlet and outlet connections. The current style filter plug has a metal filter cap that can be removed with a 5/8" wrench.The older solenoid valve (shown on the left) can be identified by FEMALE inlet and outlet connections. These require EBF-17 compression fittings (part 10 shown on the left). This older style solenoid has either a plastic or a replacement brass filter cap. Remove the older brass filter cap with a 7/16" or 1/2" hex wrench. Replace the old style filter cap.

The information contained in this document is subject to change without notice.

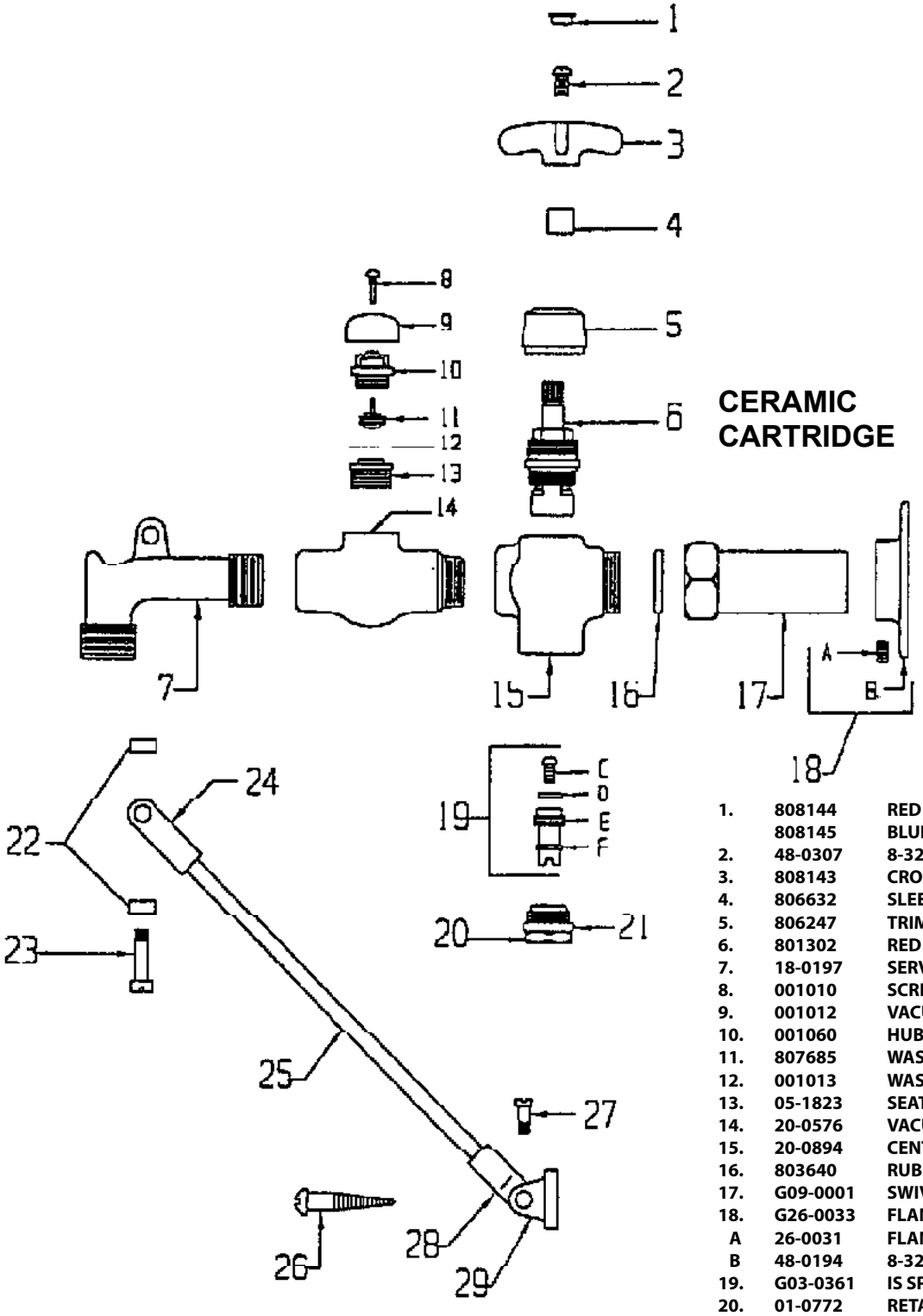
COMMANDER® GOOSENECK WIDESPREAD LAVATORY FAUCET



ITEM NO.	PART NO.	DESCRIPTION
1	815007	END BODY ASSEMBLY (RED) W/ MOUNTING HARDWARE & HOSE ADAPTER
2	815008	END BODY ASSEMBLY (BLUE) W/ MOUNTING HARDWARE & HOSE ADAPTER
3	RPG05-0534-CA	PERFECT VALVE GROUP (RED) WITH TRIM SLEEVE & SCREW
4	RPG05-0535-CA	PERFECT VALVE GROUP (BLUE) WITH TRIM SLEEVE & SCREW
5	RPG10-0070-PC	TRIM COLLAR & FLANGE GROUP
6	812500	METAL LEVER HANDLE GROUP
7	812306	4" WRIST BLADE HANDLE GROUP
8	RPG41-0285	RED,BLUE, & CHROME INDEXES WITH SCREWS & LOCK WASHERS
9	G18-0217-CA	8" GOOSENECK ASSEMBLY (INCLUDING O-RING)
10	005870	5" GOOSENECK ASSEMBLY (INCLUDING O-RING)
11	G18-0212-CA	5" FC GOOSENECK ASSEMBLY (INCLUDING O-RING)
12	813064	1.5 GPM (5.7 L/min) AERATOR ASSEMBLY WITH WRENCH
13	RPG38-0128-PC	BOCA 0.5 GPM FLOW OUTLET ASSEMBLY WITH WRENCH (-E)
14	RPG05-0851-PC	1.5 GPM (5.7 L/min) LAMINAR FLOW OUTLET ASSEMBLY WITH WRENCH
15	A-EA12	1.2 GPM (4.5 L/min) AERATOR ASSEMBLY WITH WRENCH
16	A-ELF	1.2 GPM (4.5 L/min) LAMINAR FLOW OUTLET ASSEMBLY WITH WRENCH

SPEAKMAN®

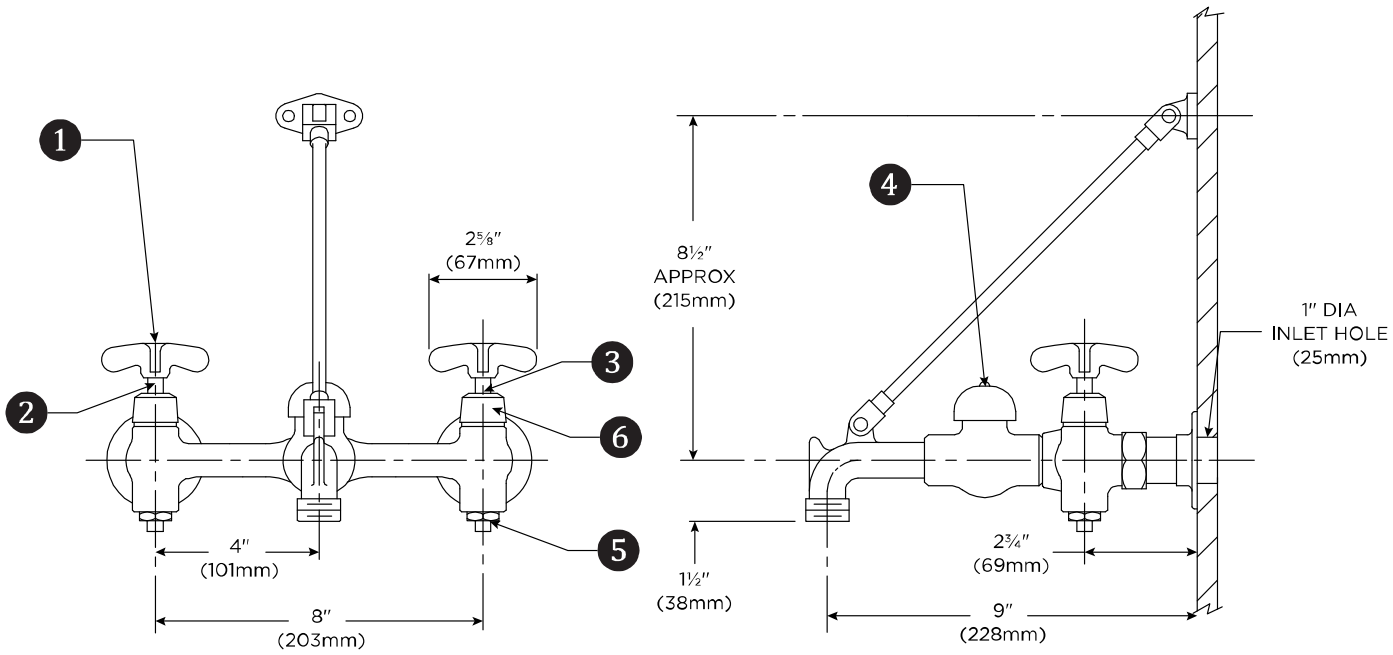
COMMANDER® SERVICE SINK FITTING



1.	808144	RED INDEX
	808145	BLUE INDEX
2.	48-0307	8-32 SCREW (2)
3.	808143	CROSS HANDLE (2)
4.	806632	SLEEVE (2)
5.	806247	TRIM COLLAR (2)
6.	801302	RED VALVE MOUNTING (2)
7.	18-0197	SERVICE NOZZLE
8.	001010	SCREW
9.	001012	VACUUM BREAKER CAP
10.	001060	HUB
11.	807685	WASHER ASSEMBLY
12.	001013	WASHER
13.	05-1823	SEAT
14.	20-0576	VACUUM BREAKER BODY
15.	20-0894	CENTER BODY
16.	803640	RUBBER WASHER (2)
17.	G09-0001	SWIVEL ASSEMBLY (2)
18.	G26-0033	FLANGE & SCREW (2)
A	26-0031	FLANGE
B	48-0194	8-32 SET SCREW
19.	G03-0361	IS SPINDLE (2)
20.	01-0772	RETAINING NUT (2)
21.	49-0124	O-RING (2)
22.	02-0136	SPACERS (2)
23.	51-0063	BRACE PIN
24.	47-0075	RH BRACE W/O THREAD
	47-0074	LH BRACE W/ THREAD
25.	32-0181	BRACE ROD (2)
26.	13-0002	WOOD SCREW (4)
27.	51-0012	BRACE/FLANGE PIN (2)
28.	47-0074	RH BRACE W/ THREAD (2)
29.	26-0069	BRACE FLANGE (2)

SPEAKMAN®

COMMANDER® SERVICE SINK FITTING



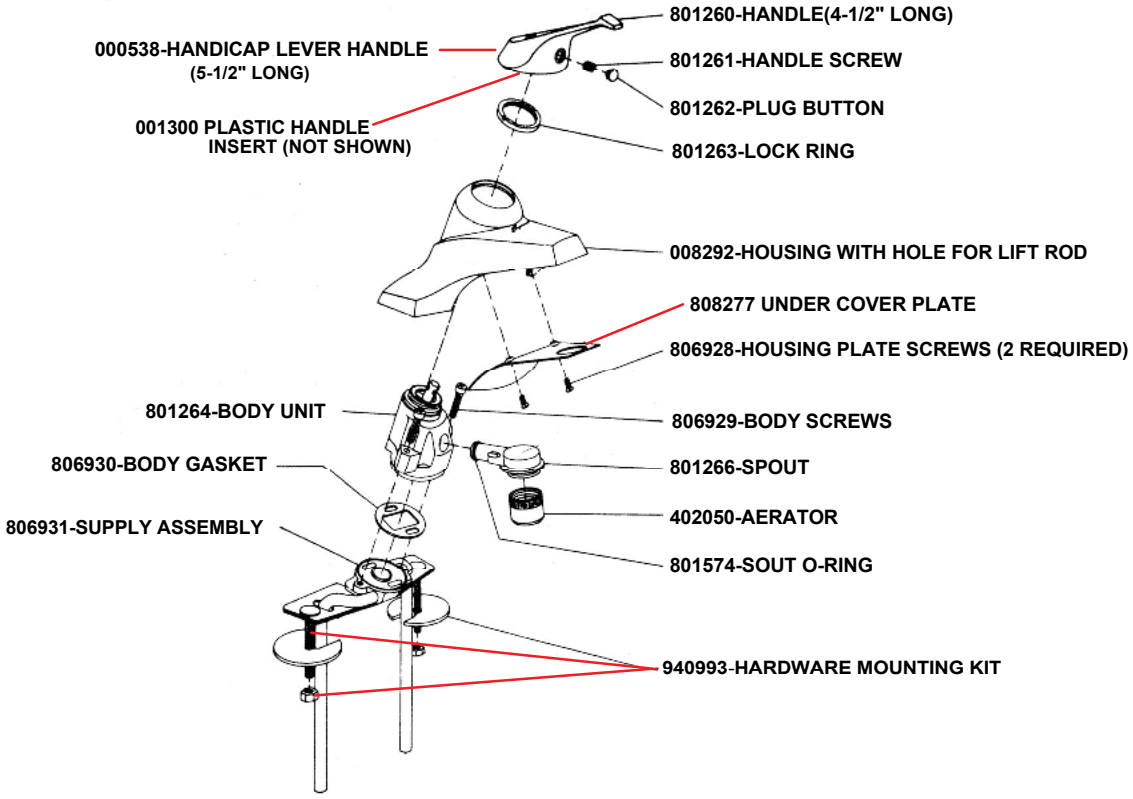
NOTES:
1. INLETS ARE 1/2″ NPT FEMALE.
2. ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SPECIFIED AND ARE SUBJECT TO CHANGE WITHOUT NOTICE.

ITEM	PART/GROUP #	DESCRIPTION
1	809270	4 Arm Handle Repair Group w/ Screw and Index Buttons
2	801302	Perfect Valve Group (Red) w/ Trim Sleeve and Screw
3	801303	Perfect Valve Group (Blue) w/ Trim Sleeve and Screw
4	807685	Vacuum Breaker Repair Group w/ Check Assembly, Hub, Cap Screw, and O-Ring
5	810319	Integral Stop Spindle
6	RPG02-0141-PC	Trim Collar for Valve

NOTES: _____

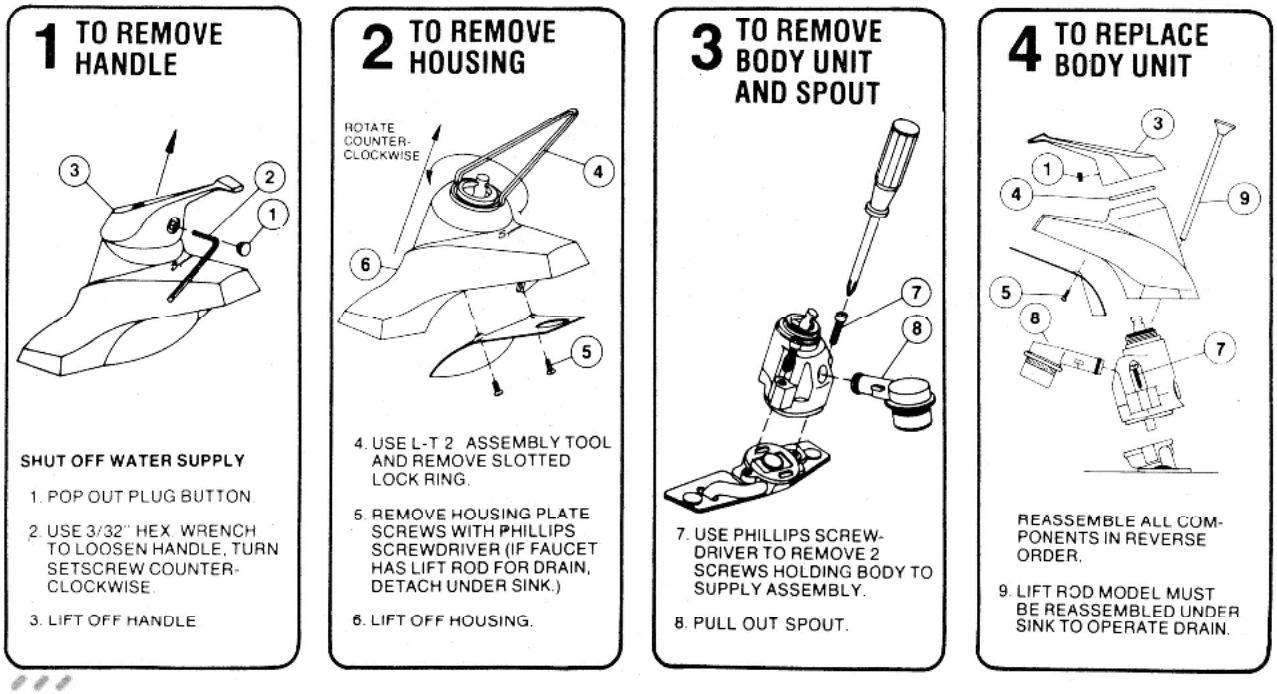
NOTES:

TEMPTROL LAVATORY FAUCET (OLD STYLE)



201006
ASSEMBLY TOOL

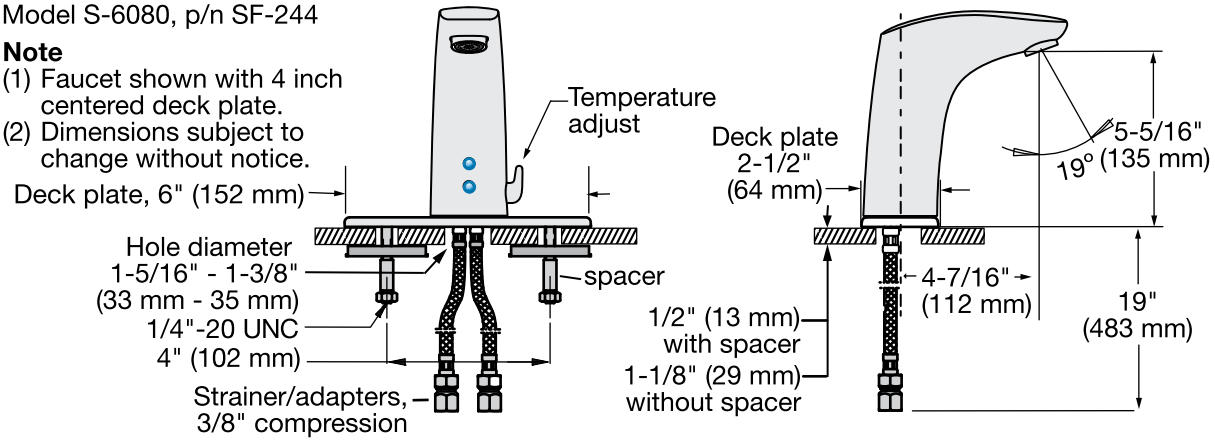




Dimensions Ultra-Sense Lavatory Faucet, *S-6080*

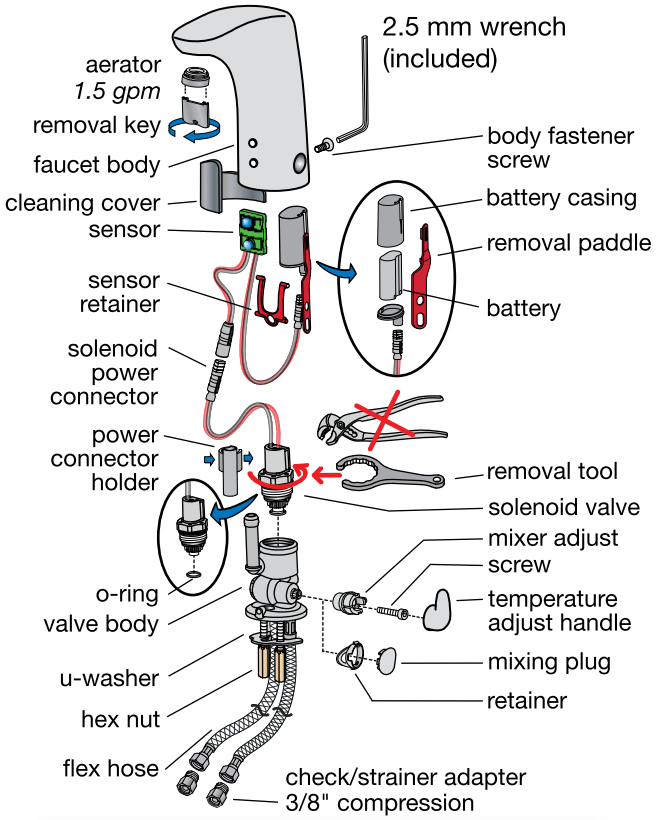
Model S-6080, p/n SF-244

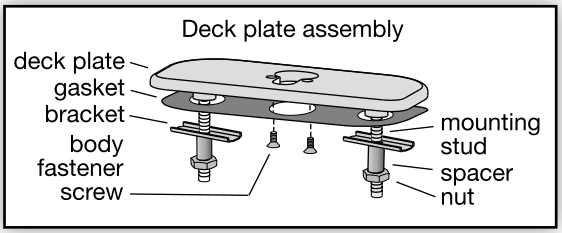
Note
(1) Faucet shown with 4 inch centered deck plate.
(2) Dimensions subject to change without notice.



Parts Assembly Ultra-Sense Lavatory Faucet, *S-6080*

Faucet Part Number SF-244

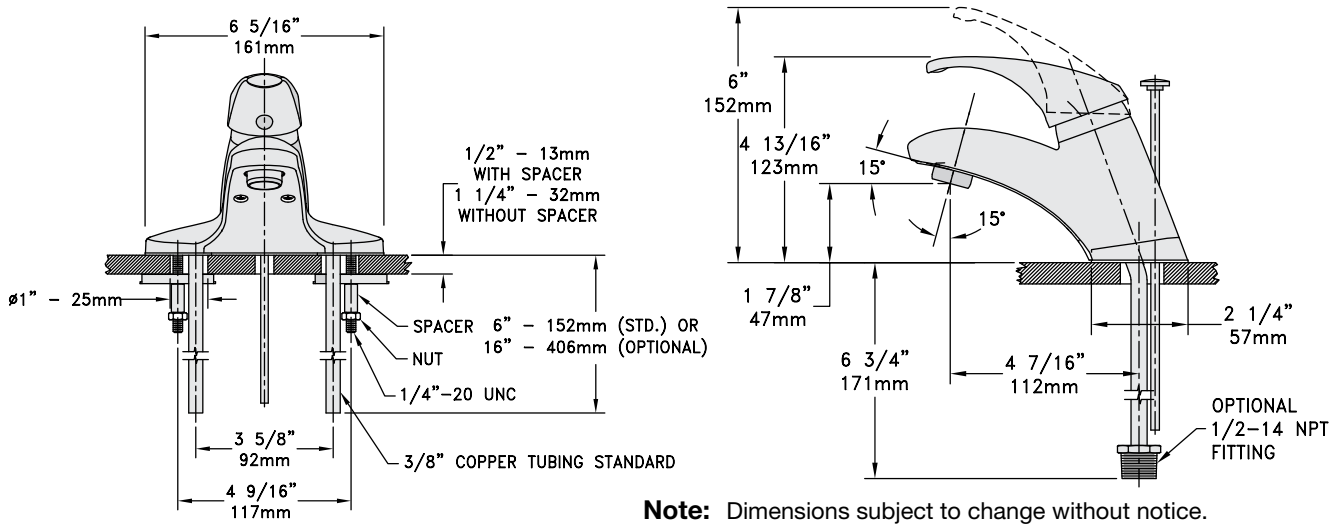




S-6080 Replacement Parts	
Part Number	**Item**
SF-103	Battery casing with removal paddle
SF-2CR5	6v lithium battery, 2CR5
SF-240	Solenoid valve *with removal tool*
SF-245	Sensor and retainer
SF-186	Check / strainer kit for flex hose connections *housing check screen*
SF-158	Single hole mounting kit
SF-125	Aerator, vandal resistant *with removal key #LL-60K* ▪ 1.5 gpm (5.7 L/min)
LN-100 LN-217	Non-aerated laminar flow vandal resistant spray outlet *with removal key #LL-60K* ▪ 0.5 gpm (1.9 L/min) ▪ 1.5 gpm (5.7 L/min)
SF-163	Cleaning cover

SYMMETRIX® LAVATORY FAUCET

Dimensions Symmetrix Lavatory Faucet, **S-20-2**



Note: Dimensions subject to change without notice.

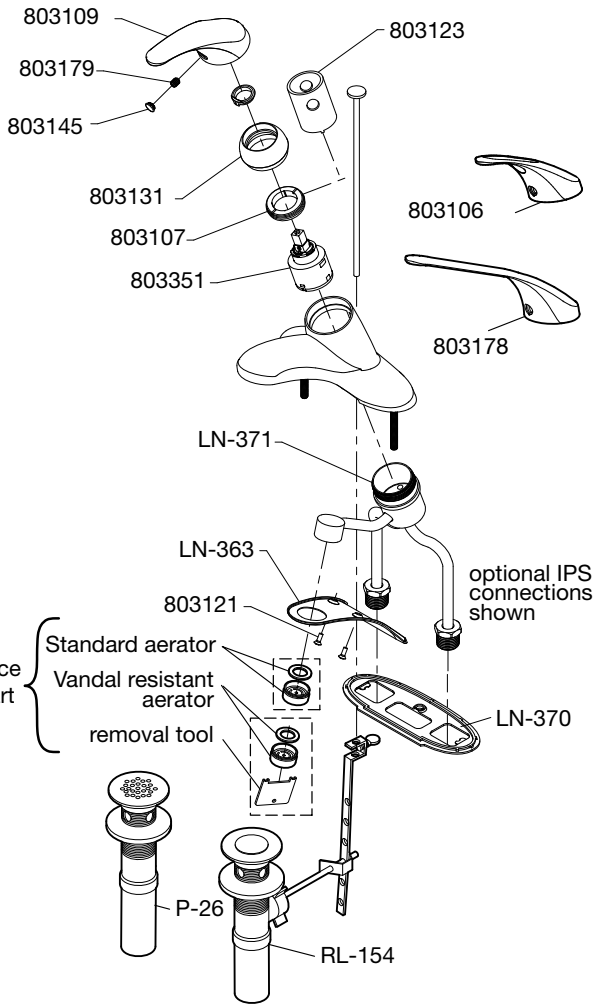
Parts Assembly Symmetrix Lavatory Faucet, **S-20 Series**

803107	Compression ring
803109*	Solid handle
803106*	Loop handle
803351	Cartridge
803111	Anchor bar (2)
803112	Mounting spacer (2)
803145	Plug button
803131*	Valve cap
803121*	Screw (2)
805712*	Aerator without removal key
803123	Cartridge wrench
803178	6" lever handle with red/blue indicators
LN-363*	Undercover plate
LN-370	Mounting gasket
LN-371	Cartridge housing assembly
803179	Set screw
803124	Mounting nut (2)
RL-154*	Pop-up drain assembly (complete)
P-26	Grid drain assembly (complete)

For Decorative Finish Faucets add suffix to parts marked with an asterisk as follows:

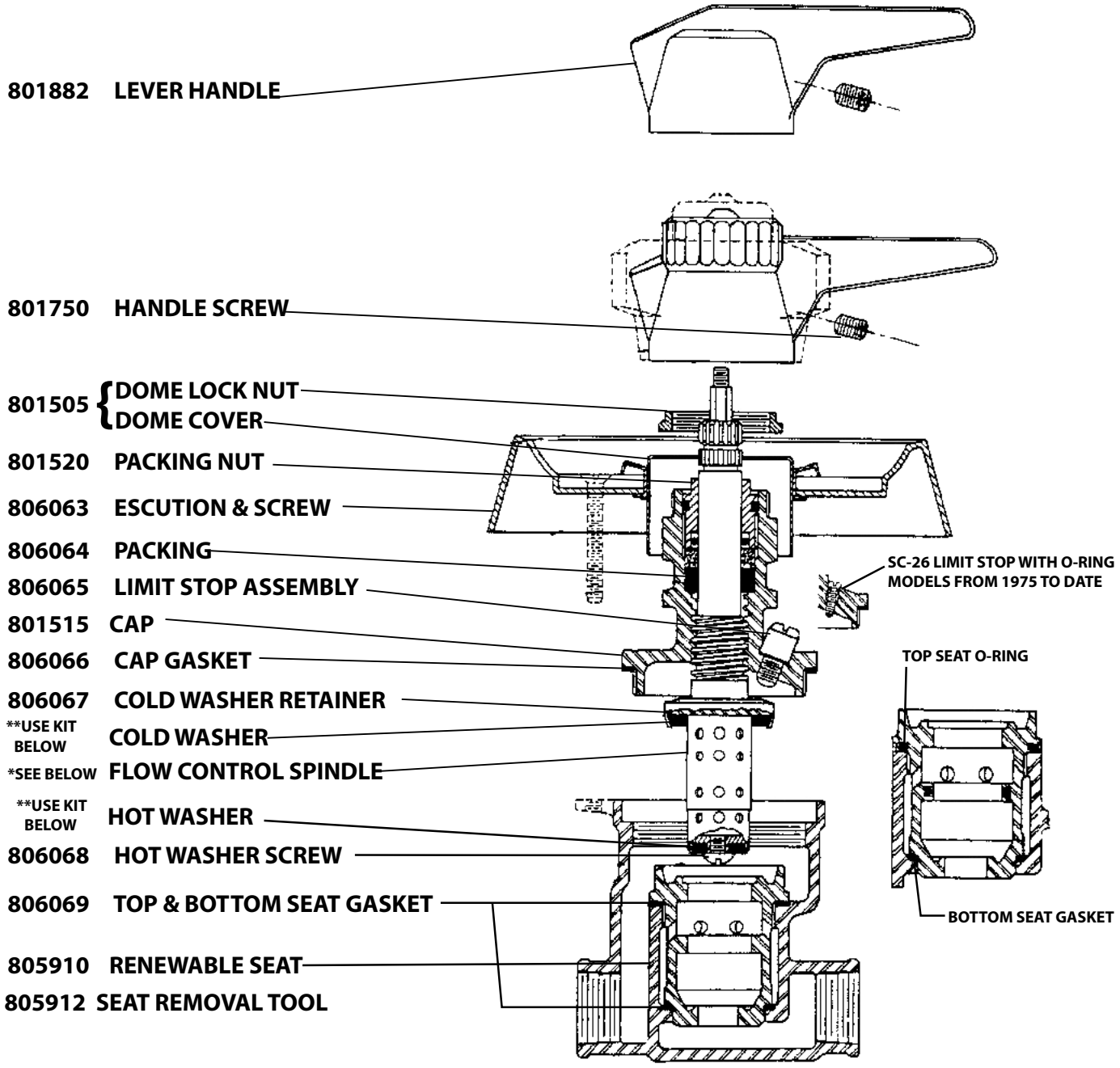
Suffix -STN Satin finish

Aerator (flow regulator)	Part Number	
	Standard Aerators	Vandal Resistant with removal tool
2.2 gpm (8.3L/min)	805712*	805703*
1.5 gpm (5.7L/min)	FLR-110-1.5*	RL-288 (non-aerated)
1.0 gpm (3.8L/min)	FLR-110-1.0*	RL-288-VP-1.0 (non-aerated)
0.5 gpm (1.9L/min)	----	808664*
Removal tool part number, 802720		



SAFETY MIX PRESSURE BALANCING MIXING VALVE

MODEL V OR MODEL O (FROM 1960 TO DATE)



**** SAFTEY MIX WASHER & GASKET KIT 801745**
(INCLUDES THE FOLLOWING PARTS)

- **806067 COLD WASHER RETAINER**
- **** HOT AND COLD WASHERS**
- **806064 SPINDLE PACKING**
- **806066 CAP GASKET**
- **806068 HOT WASHER SCREW**
- **801750 HANDLE SCREW**

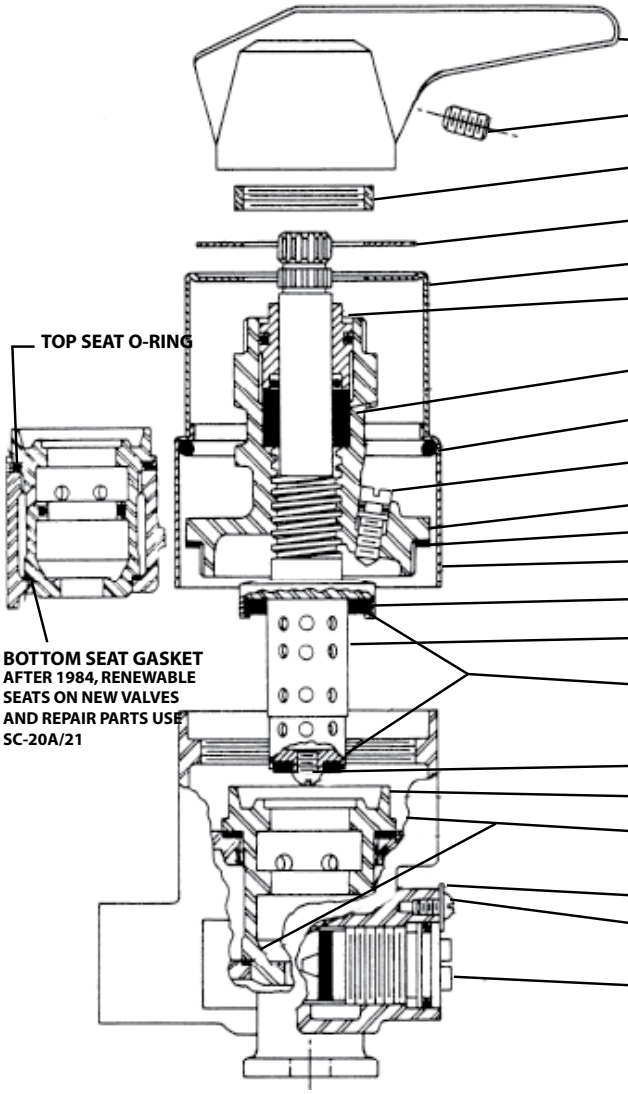
REPAIR UNITS (COMPLETE WITH WASHERS)

805910 RENEWABLE SEAT UNIT

***FLOW CONTROL SPINDLE. REPLACE WITH**
801265 SPINDLE ASSEMBLY & 801882 HANDLE

NOTE: WHEN VALVE HAS A HIGH FREQUENCY OF USE AND REQUIRES REPAIR, REPLACERENEWABLE SEAT AND SPINDLE ASSEMBLY SIMULTANEOUSLY

SAFETY MIX PRESSURE BALANCING MIXING VALVE
HYDAPIPE MODEL 2A (FROM 1964 TO DATE)



801882	LEVER HANDLE
801750	HANDLE SCREW
806070	DOME LOCK NUT
806071	DIAL
806072	DOME COVER
801520	PACKING NUT
806064	PACKING
806073	O-RING
801510	LIMIT STOP WITH O-RING
801515	CAP
806066	CAP GASKET
806074	BODY COVER
806076	COLD WASHER RETAINER
*801265	FLOW CONTROL SPINDLE ASSEMBLY
** USE KIT BELOW	HOT AND COLD WASHERS
806068	HOT WASHER SCREW
805910	RENEWABLE SEAT
806069	TOP SEAT O-RING & BOTTOM SEAT GASKET
806075	STOP RETAINER WASHER
806076	STOP RETAINER SCREW
806077	STOP SPINDLE

**SAFTEY MIX WASHER & GASKET KIT 801745
(INCLUDES THE FOLLOWING PARTS)

806067	COLD WASHER RETAINER
**	HOT AND COLD WASHERS
806064	SPINDLE PACKING
806066	CAP GASKET
806068	HOT WASHER SCREW
801750	HANDLE SCREW

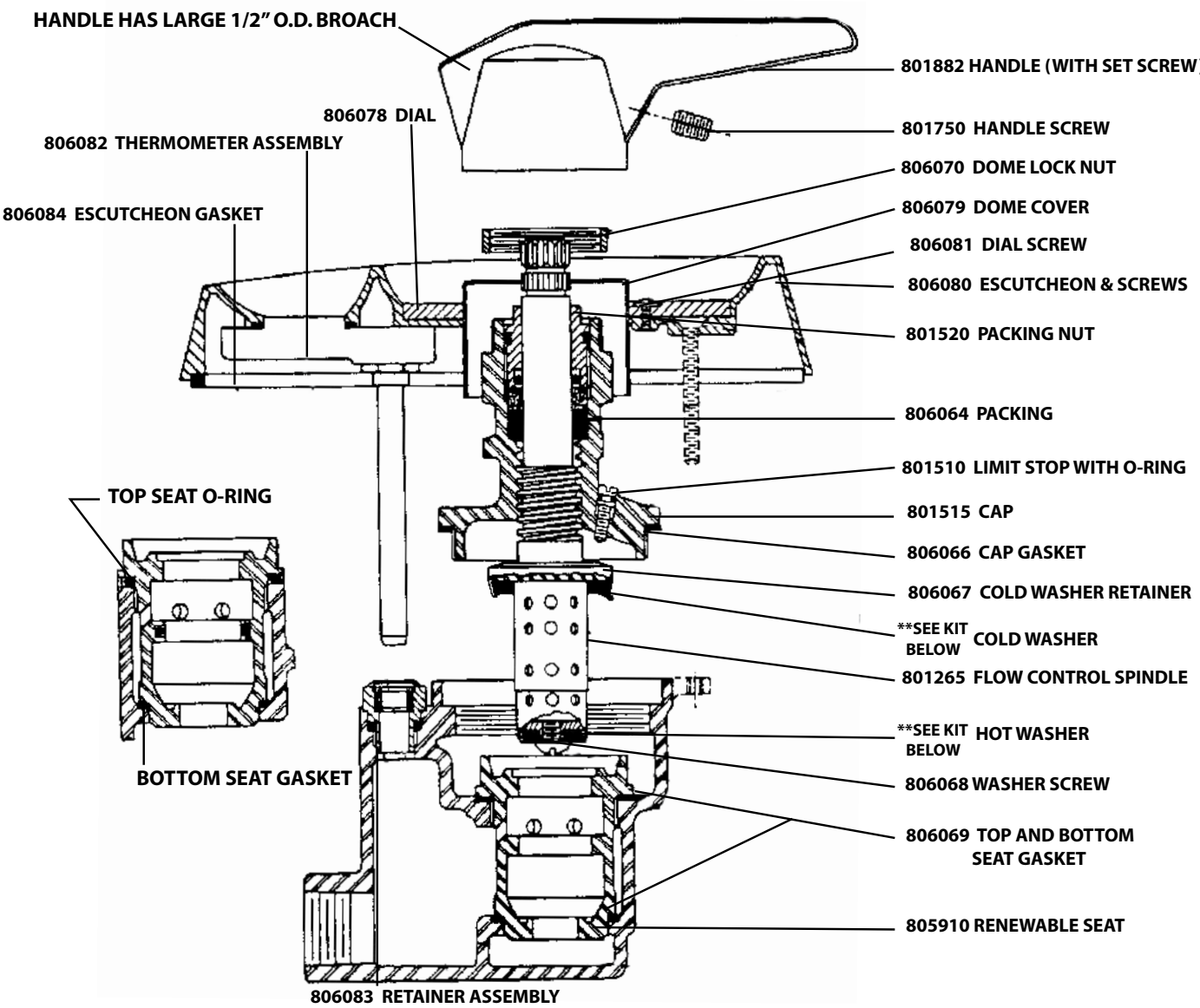
NOTE: WHEN VALVE HAS A HIGH FREQUENCY OF USE AND REQUIRES REPAIR, REPLACE RENEWABLE SEAT AND SPINDLE ASSEMBLY SIMULTANEOUSLY

REPAIR UNITS (COMPLETE WITH WASHERS)

805910	RENEWABLE SEAT UNIT (COMPLETE)
801265	SPINDLE ASSEMBLY MODEL 0 (LESS VOL. CONTROL)

* SPINDLE ASSEMBLY WITH VOLUME CONTROL NO LONGER AVAILABLE. USE SPINDLE ASSEMBLY 801265 & 801882 HANDLE.

SAFETY MIX PRESSURE BALANCING MIXING VALVE
VISU-TEMP MODEL VT (FROM 1975 TO DATE)



SAFETY MIX VISU-TEMP
WASHER & GASKET KIT 803850
(KIT INCLUDES THE FOLLOWING)

806083	RETAINER ASSEMBLY
806084	ESCUTCHEON GASKET
806067	COLD WASHER RETAINER
**	HOT AND COLD WASHERS
806064	SPINDLE PACKING
806066	CAP GASKET
806068	HOT WASHER SCREW
801750	HANDLE SCREW

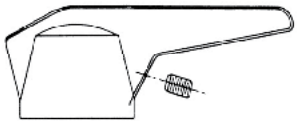
REPAIR UNITS (COMPLETE WITH WASHERS)

805910 RENEWABLE SEAT UNIT (COMPLETE)
801265 SPINDLE ASSEMBLY

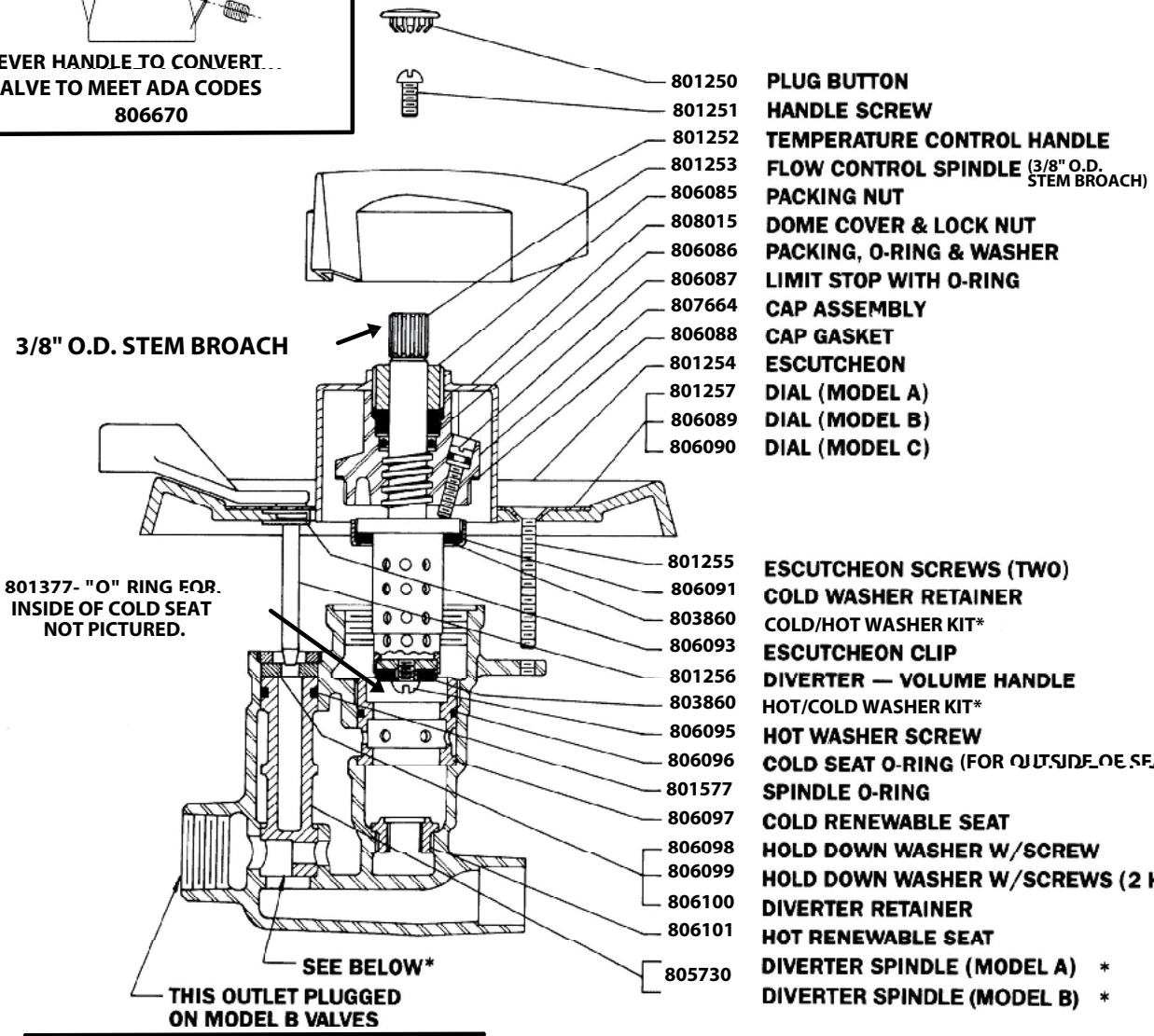
NOTE: WHEN VALVE HAS A HIGH FREQUENCY OF USE AND REQUIRES REPAIR, REPLACERENEWABLE SEAT AND SPINDLE ASSEMBLY SIMULTANEOUSLY

TEMPTROL PRESSURE BALANCING MIXING VALVE
MODEL A, MODEL B OR MODEL C (FROM 1968 TO DATE)

ADA COMPLIANT HANDLE



LEVER HANDLE TO CONVERT VALVE TO MEET ADA CODES
806670



801250	PLUG BUTTON
801251	HANDLE SCREW
801252	TEMPERATURE CONTROL HANDLE
801253	FLOW CONTROL SPINDLE (3/8" O.D. STEM BROACH)
806085	PACKING NUT
808015	DOME COVER & LOCK NUT
806086	PACKING, O-RING & WASHER
806087	LIMIT STOP WITH O-RING
807664	CAP ASSEMBLY
806088	CAP GASKET
801254	ESCUTCHEON
801257	DIAL (MODEL A)
806089	DIAL (MODEL B)
806090	DIAL (MODEL C)
801255	ESCUTCHEON SCREWS (TWO)
806091	COLD WASHER RETAINER
803860	COLD/HOT WASHER KIT*
806093	ESCUTCHEON CLIP
801256	DIVERTER — VOLUME HANDLE
803860	HOT/COLD WASHER KIT*
806095	HOT WASHER SCREW
806096	COLD SEAT O-RING (FOR OUTSIDE OF SEAT),
801577	SPINDLE O-RING
806097	COLD RENEWABLE SEAT
806098	HOLD DOWN WASHER W/SCREW
806099	HOLD DOWN WASHER W/SCREWS (2 HOLES)
806100	DIVERTER RETAINER
806101	HOT RENEWABLE SEAT
805730	DIVERTER SPINDLE (MODEL A) *
	DIVERTER SPINDLE (MODEL B) *

NOTE: 807796-PAIR OF STOP STEMS FOR HOT & COLD WATER SHUTOFFS.

201102 COMBO SEAT TOOL
- HOT SEAT REMOVAL TOOL
- COLD SEAT REMOVAL TOOL

COMPOSITE PARTS

803855 HOT SEAT (806101), COLD SEAT (806097), COLD SEAT O-RING (806096),

803860 HOT WASHER SCREW (806095), HOT WASHER (806094), COLD WATER RETAINER (806091), COLD WASHER (806092), CAP GASKET (806088)

801253 SPINDLE ASSEMBLY

***805730** DIVERTER VOLUME SPINDLE (806102), O-RING (801577), FOR MODEL A VALVE --COLOR IN BEIGE OR GREY

***806103** DIVERTER VOLUME SPINDLE (806102), O-RING (801577)--FOR MODEL B VALVE --COLOR BLAC K

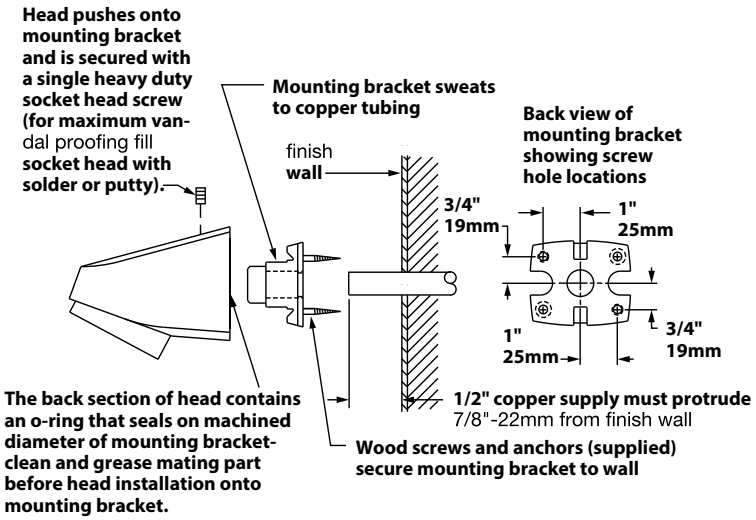
Note : When valve has a high frequency of use and requires repair, replace Renewable Seat and Spindle Assembly simultaneously.

INSTITUTIONAL 1 MODE SHOWERHEAD
500175

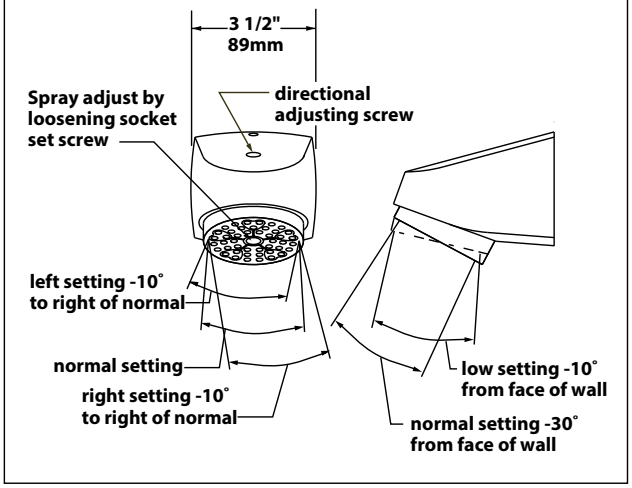
Suffix A: **Anchor plate to simplify mounting on ceramic tile**

Suffix B: **Back plate and thru bolts for extra thick wall**

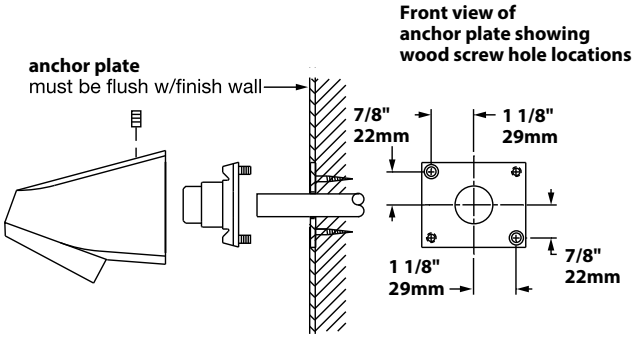
Standard Installation



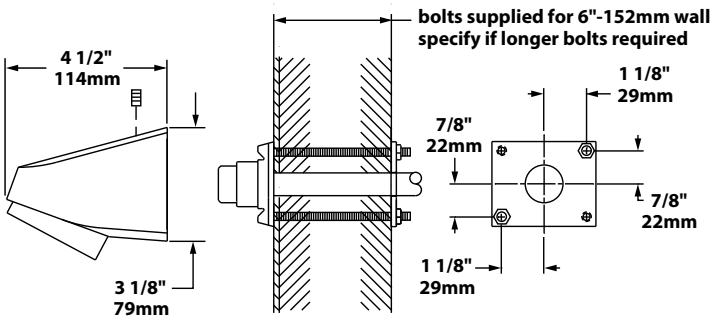
Directional Adjustment



Installation with Anchor Plate — Suffix "A"

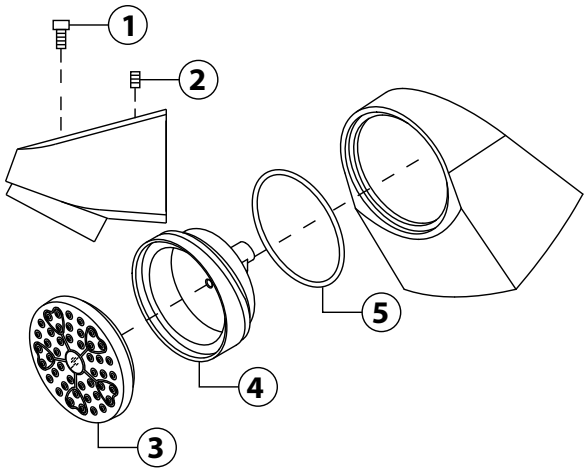


Installation with Back Plate — Suffix "B"



Anchor plate used for ceramic tile application—plate screws to wall and tile is applied up to sides of plate. Mounting bracket is mounted on finished wall with **machine screws into anchor plate.**

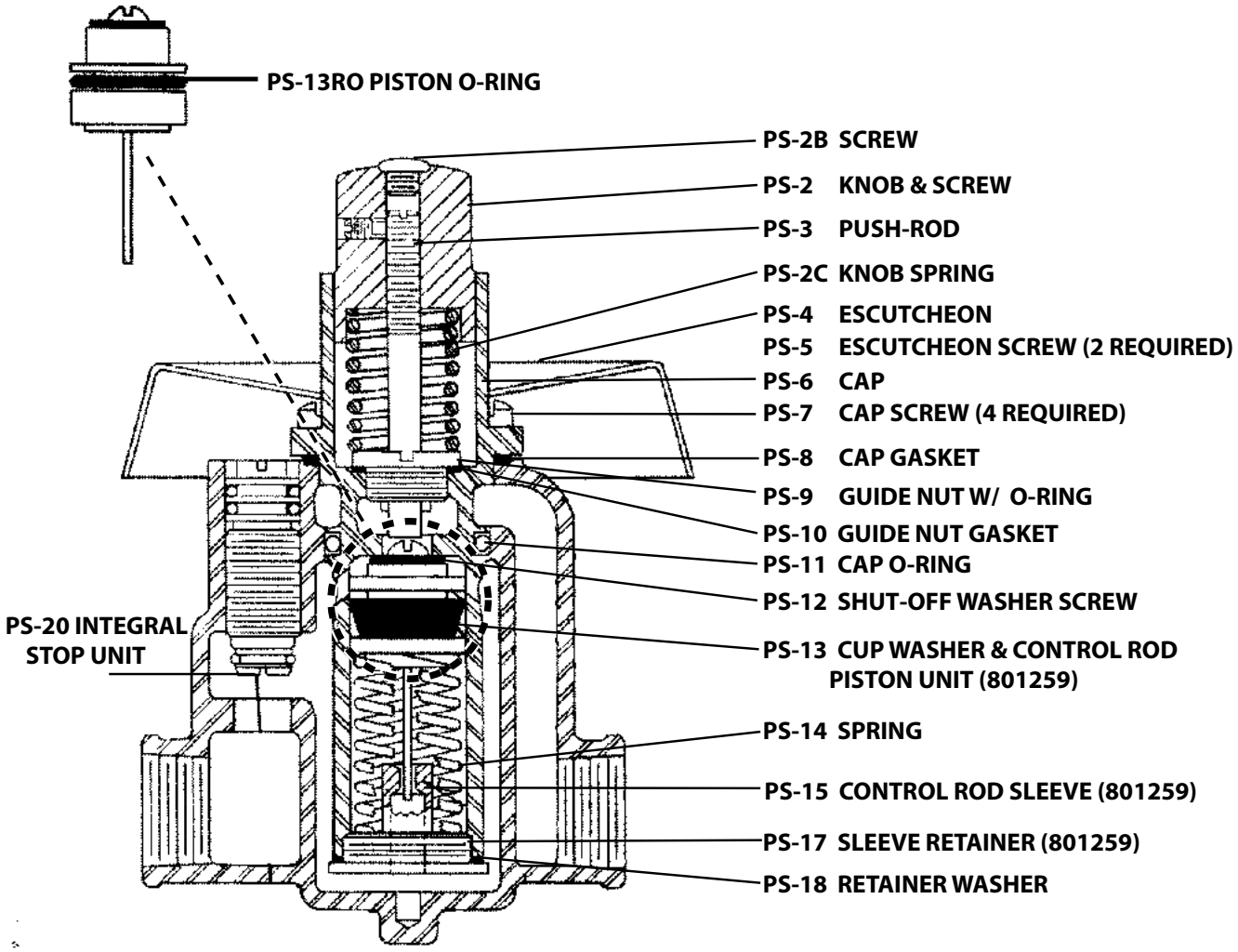
Replacement Parts		
Item	**Description**	**Part Number**
1 2	Adjustment Screw & O-ring Set Screw	813601
3 4 5	Face Plate Face Plate Body Gasket	808903



SHOWEROFF "60" AUTOMATIC SHOWER LIMITING VALVE

OLD STYLE FROM 1960 TO 1983

ILLUSTRATION OF REPLACEMENT PISTON UNIT AFTER 1983 COMES WITH PS-13R REPAIR UNIT



FOR SHOWEROFF PARTS IN HYDAPIPE MODELS #1-801S-60 & #1-801S-56 PRIOR TO SEPT 1975, CALL FOR INFORMATION REGARDING THESE VALVES

REPAIR PARTS

WASHER & GASKET PARTS

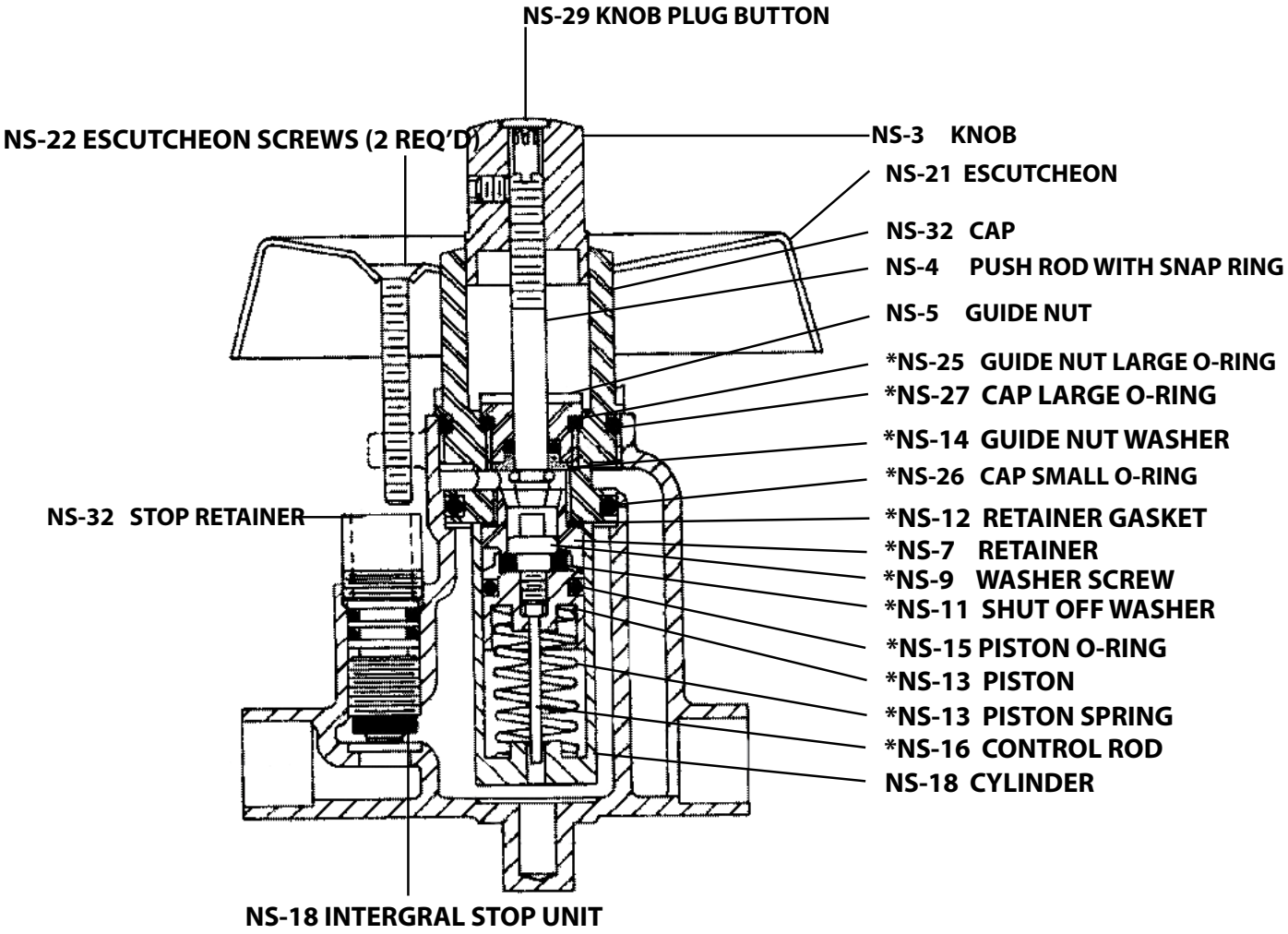
801259 REPAIR UNIT - INCLUDES PISTON UNIT, CONTROL ROD SLEVE, SLEVE RETAINER AND ALL NECESSARY WASHERS AND GASKETS

COMPLETE REPLACEMENT UNIT

801258 CARTRIDGE UNIT - COMPRISES THE COMPLETE WORKING UNIT OF THE VALVE ASSEMBLED AND TESTED

SHOWEROFF "83" AUTOMATIC SHOWER LIMITING VALVE

NEW STYLE FROM 1983 TO DATE



REPAIR PARTS

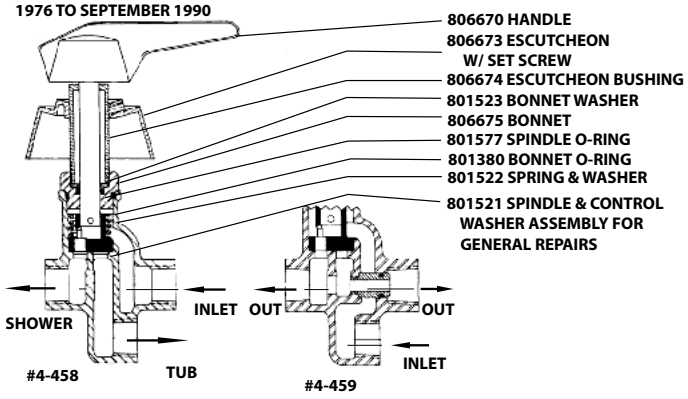
COMPLETE REPLACEMENT UNIT
801267

CARTRIDGE UNIT COMPRISES THE COMPLETE WORKING UNIT OF THE VALVE - ASSEMBLED AND TESTED

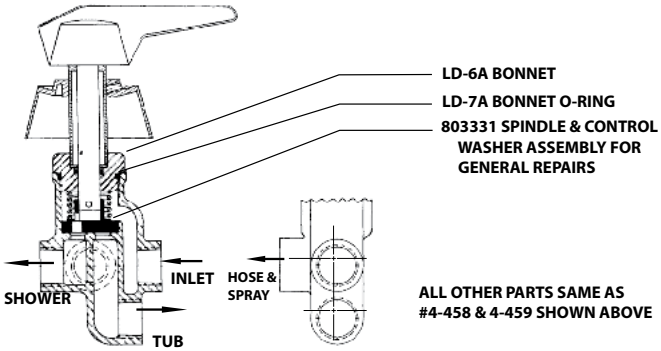
WASHER & GASKET REPAIR UNIT
802400

REPAIR UNIT INCLUDES PISTON UNIT, CYLINDER AND ALL NECESSARY WASHERS AND GASKETS SHOWN BY *ASTERISK

#4-458 & 4-459 DOUBLE OUTLET DIVERTERS
1976 TO SEPTEMBER 1990



#4-460 TRIPLE OUTLET DIVERTER



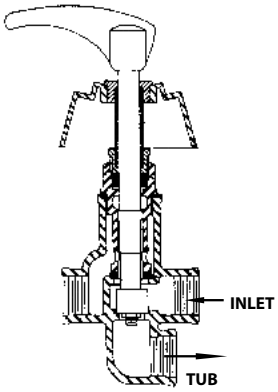
ALL OTHER PARTS SAME AS #4-458 & 4-459 SHOWN ABOVE

SYMMONS REPLACEMENT CARTRIDGES

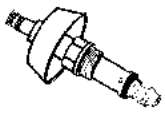


ACS PART#	SYMMONS PART #
805556	5-102NW
604512	5-1000NW
804477	5-400NW
804402	5-700NW
002015	5-200NW
808968	5-500NW
802055	5-900NW

LEVER TYPE 1960 TO 1964

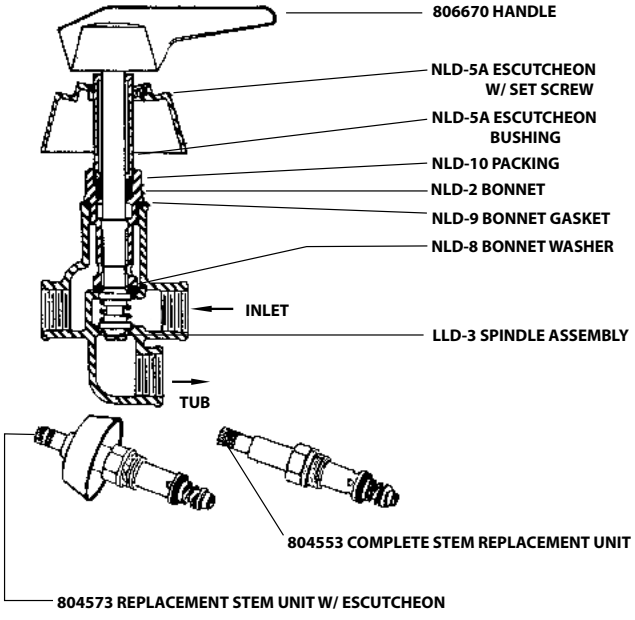


OLD STYLE NO LONGER AVAILABLE



USE 804573 REPLACEMENT STEM UNIT W/ ESCUTCHEON

LEVERTROL FROM 1965 TO 1976 SEPTEMBER 1990 TO DATE

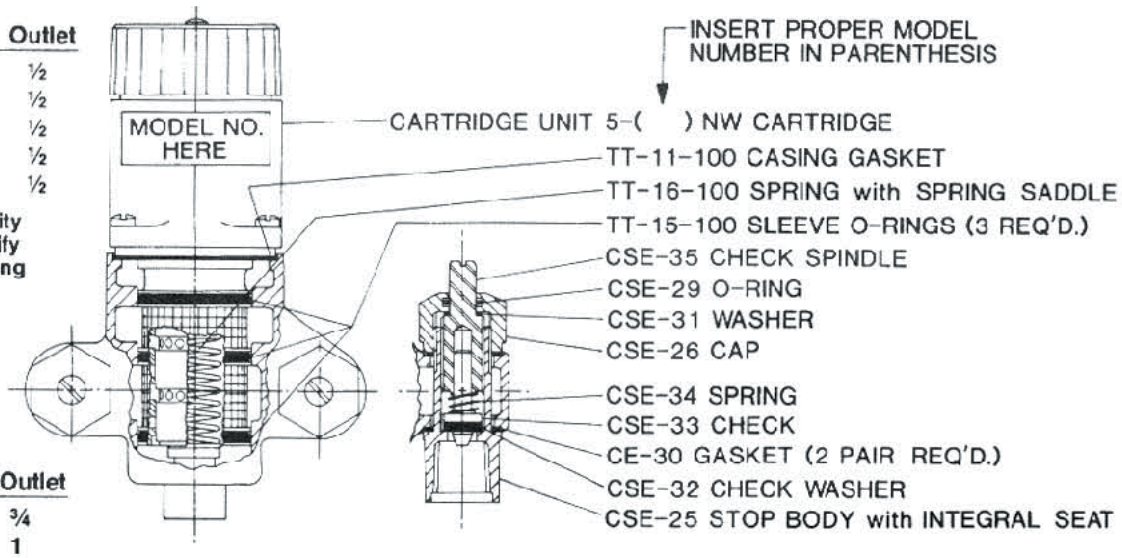


SYMMONS® the smart choice™

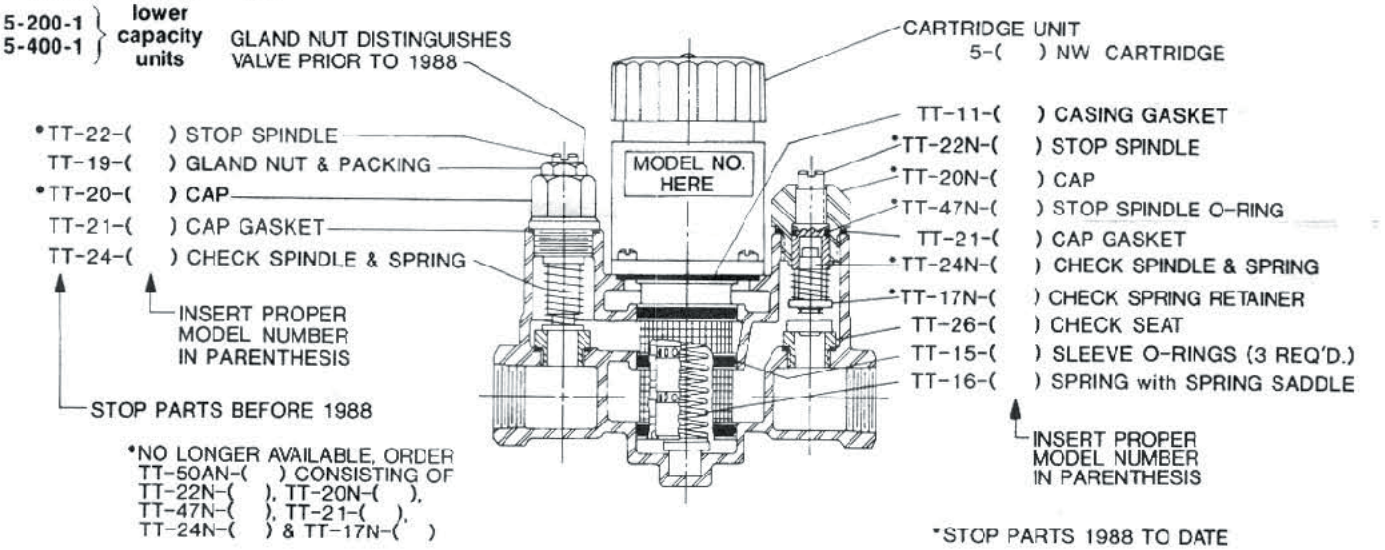
TEMPCONTROL REPAIR PARTS

Model No.	Inlets	Outlet
5-100	½	½
5-101	½	½
5-101P	½	½
5-102	½	½
5-102P	½	½

Suffix HC High Capacity Model specify when ordering cartridge



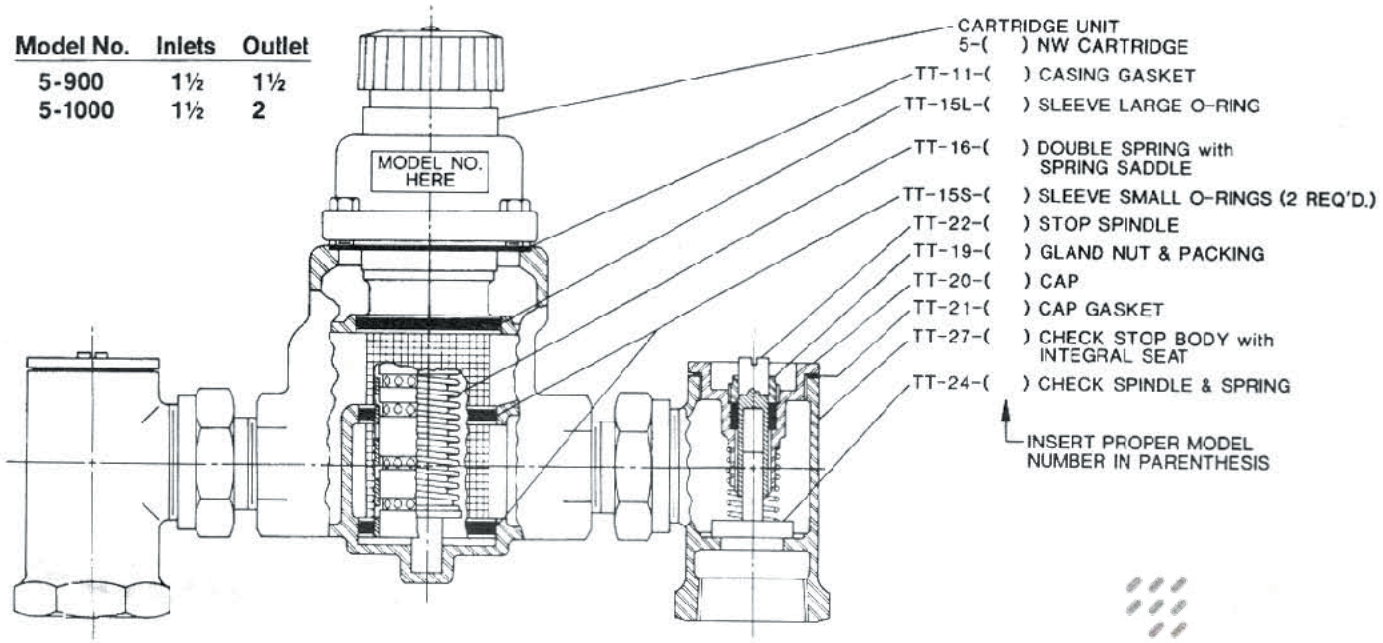
Model No.	Inlets	Outlet
5-200	¾	¾
5-400	¾	1
5-500	1	1¼
5-700	1¼	1½
5-200-1, 5-400-1	lower capacity units	



*NO LONGER AVAILABLE, ORDER TT-50AN-( ) CONSISTING OF TT-22N-( ), TT-20N-( ), TT-47N-( ), TT-21-( ), TT-24N-( ) & TT-17N-( )

*STOP PARTS 1988 TO DATE

Model No.	Inlets	Outlet
5-900	1½	1½
5-1000	1½	2



SYMMONS® the smart choice™

CARTRIDGE ASSEMBLIES

Manual Faucets

			
Manual Faucets with ETERNA	**Cartridge**	**Quarter-Turn Cartridge**	**Cartridge with Lever Handle, Index and Screw**
ETERNA Hot	**805231**	**005960-40QT**	**800910**
ETERNA Cold	**805230**	**005959-40QT**	**800915**
ETERNA with Teflon Seat Washer, **Hot (use with Wrist-Action)**	**810141**	**006010-40QT**	–
ETERNA with Teflon Seat Washer, **Cold (use with Wrist-Action)**	**810142**	**006009-40QT**	–
Manual Faucets with CERAMA		**Quarter-Turn Cartridge**	**Quarter-Turn Cartridge with Lever Handle, Index and Screw**
			
CERAMA Quarter-Turn, Hot	–	**809906**	**810248**
CERAMA Quarter-Turn, Cold	–	**809907**	**810247**

Pre-Rinse Units and Faucets with garden hose threads, faucets with spray valves, or with any faucet where the outlet flow can be shut off

			
Pre-Rinse Units with ETERNA	**Cartridge**	**Quarter-Turn Cartridge with Integral Spring Check**	**Quarter-Turn Cartridge with Integral Spring Check, Lever Handle, Index and Screw**
ETERNA with Integral Spring Check, Quarter-Turn, Hot	–	**811019**	**002712-40**
ETERNA with Integral Spring Check, Quarter-Turn, Cold	–	**811023**	**002711-40**
Pre-Rinse Units with CERAMA		**Quarter-Turn Cartridge with Check Valve**	**Quarter-Turn Cartridge with Check Valve, Lever Handle, Index and Screw**
			
CERAMA with Check Valve, Quarter-Turn, Hot	–	**600253**	**811239**
CERAMA with Check Valve, Quarter-Turn, Cold	–	**600254**	**811238**

CARTRIDGE ASSEMBLIES

B-1100 Series Deck-Mount Faucets





B-1100 SERIES Faucets, Deck-Mount	Spindle Assembly	Quarter-Turn Spindle	Spindle with Lever Handle, Index and Screw
Spindle Assembly, Hot	**802545**	**802548**	**804873**
Spindle Assembly, Cold	**802544**	**802546**	**804874**
Spindle Assembly with Teflon Seat Washer, Hot **(use with Wrist-Action)**	**009423-40**	**009423-40QT**	–
Spindle Assembly with Teflon Seat Washer, Cold **(use with Wrist-Action)**	**009424-40**	**009424-40QT**	–

EasyInstall Concealed Widespread Faucets




EASYINSTALL Concealed Widespread Faucets	Cartridge	Cartridge with Quarter-Turn
ETERNA with EasyInstall Bonnet and Teflon Seat **Washer, Hot**	**816202**	**016926-40**
ETERNA with EasyInstall Bonnet and Teflon Seat **Washer, Cold**	**816203**	**016925-40**
		
CERAMA with EasyInstall Bonnet, Quarter-Turn, Hot	–	**016767-25**
CERAMA with EasyInstall Bonnet, Quarter-Turn, Cold	–	**016768-25**

Concealed Widespread Faucets (Non-EasyInstall)



Concealed Widespread Faucets	Cartridge	Cartridge with Quarter-Turn	Cartridge with Check Valve, Lever Handle and Screw
ETERNA with Escutcheon Bonnet and Teflon Seat **Washer, Hot**	**804770**	–	–
ETERNA with Escutcheon Bonnet and Teflon Seat **Washer, Cold**	**804771**	–	–
			
CERAMA with Escutcheon Bonnet, Quarter-Turn, Hot	–	**808988**	**011618-25**
CERAMA with Escutcheon Bonnet, Quarter-Turn, Cold	–	**808989**	**011619-25**

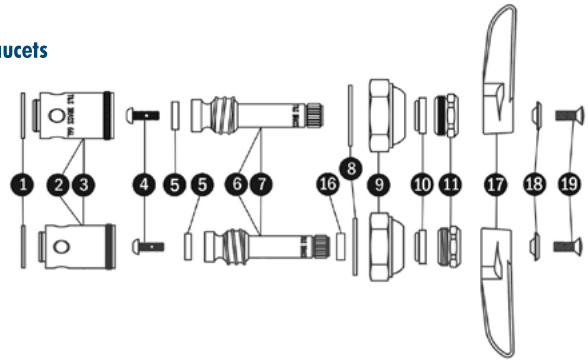
Eterna Cartridges

Our longstanding Eterna Cartridges are the standard on many T&S pre-rinse units, faucets and fittings. Our Quarter-Turn Eterna spindle assemblies are designed for water conservation and are included in many new T&S foodservice and plumbing models. Look for the "-QT" suffix on our model numbers.

Eterna – Manual Faucets

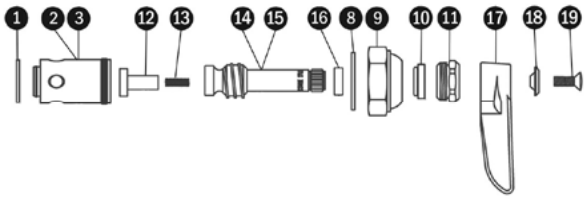
Eterna Cartridge

Quarter-Turn Eterna Cartridge



Eterna – Pre-Rinse Units and Faucets where the outlet flow can be shut off

Quarter-Turn Eterna Cartridges with Integral Spring Check



Eterna – Manual Faucets:

With Lever Handle, Index and Screw

Eterna	Hot	**800910**
	Cold	**800915**

No Handle

Eterna	Hot	**805231**
	Cold	**805230**

Teflon Seat Washer (for Wrist-Action Handle)

Eterna	Hot	**810141**
	Cold	**810142**

Quarter-Turn Cartridge

Eterna	Hot	005960-40QT
	Cold	005959-40QT

Quarter-Turn Cartridge with Teflon Seat Washer (for Wrist-Action Handle)

Eterna	Hot	006010-40QT
	Cold	006009-40QT

Eterna – Pre-Rinse Units with Quarter-Turn:

With Lever Handle, Index and Screw

Eterna	Hot	**802435**
	Cold	**802436**

No Handle

Eterna	Hot	**811019**
	Cold	**811023**

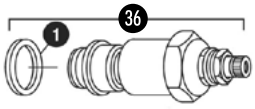
(Eterna Cartridges, cont. on next page) ▶

Cerama Cartridges (see Parts Charts, right)

Our Cerama Cartridges are designed for water conservation and are included in many new T&S foodservice and plumbing models. They are backed by a lifetime guarantee. Look for the "-CR" suffix on our model numbers. The T&S Cerama Cartridge is the only ceramic cartridge (U.S. Patent #5,996,614) that comes with an optional integral check valve that is critical for stopping cross flow in applications. All T&S Cerama cartridges are quarter-turn cartridges.

Cerama – Manual Faucets

Cerama Cartridge with Escutcheon Bonnet for Concealed Widespread Faucets

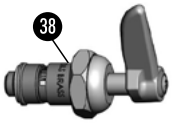


Cerama Cartridge with Escutcheon Bonnet (Non-EasyInstall)

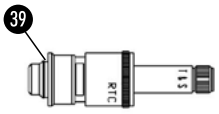


Cerama Cartridge with Escutcheon Bonnet (EasyInstall)

Cerama Cartridge with or without Bonnet



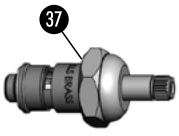
Cerama Cartridge with Bonnet, Lever Handle, Index and Screw



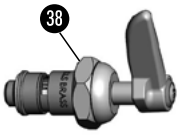
Cerama Cartridge without Bonnet

Cerama – Pre-Rinse Units and Faucets where the outlet flow can be shut off

Cerama Cartridge with Integral Check Valve and Bonnet



Cerama Cartridge with Integral Check Valve and Bonnet, Lever Handle, Index and Screw



Cerama – Concealed Widespread Faucets:

Cerama Cartridge, Quarter-Turn with Escutcheon Bonnet – No Handle (Non-EasyInstall)

36	Hot	**808988**
	Cold	**808989**

Cerama Cartridge with Check Valve Escutcheon Bonnet, Lever Handle, Index and Screw (Non-EasyInstall)

36	Hot	011618-25
	Cold	011619-25

Cerama Cartridge with EasyInstall Bonnet Assembly – No Handle (EasyInstall)

42	Hot	016767-25
	Cold	016768-25

Cerama – Manual Faucets:

Cerama Cartridge with Bonnet – No Handle

37	Hot	**809906**
	Cold	**809907**

Cerama Cartridge with Bonnet, Lever Handle, Index and Screw

38	Hot	**810248**
	Cold	**810247**

Cerama Cartridge without Bonnet

39	Hot	**803641**
	Cold	**803642**
	Hot with Check Valve	011311-25
	Cold with Check Valve	011312-25

Cerama – Pre-Rinse Units with Quarter-Turn:

Cerama Cartridge with Integral Check Valve and Bonnet

37	Hot with Check Valve	**600253**
	Cold with Check Valve	**600254**

Cerama Cartridge with Integral Check Valve and Bonnet, Lever Handle, Index and Screw

38	Hot with Check Valve	**811239**
	Cold with Check Valve	**811238**

T&S RELIABILITY BUILT IN™

Eterna – Concealed Widespread Faucets:

EasyInstall
Eterna Cartridge with EasyInstall Bonnet and Teflon Seat Washer (EasyInstall)

Eterna	Hot	816202
	Cold	816203



EasyInstall
Eterna Cartridge, Quarter-Turn with EasyInstall Bonnet and Teflon Seat Washer (EasyInstall)

Eterna	Hot	016926-40
	Cold	016925-40



Eterna Cartridge with Escutcheon Bonnet and Teflon Seat Washer (Non-EasyInstall)

Eterna	Hot	804770
	Cold	804771



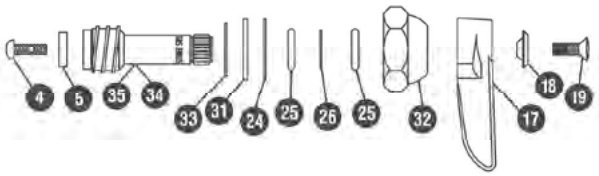
Parts Chart

For Eterna, B-1100 Series and Big-Flo Spindle Assemblies

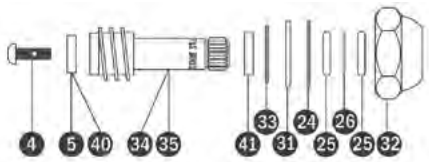
1	805029	Bottom Gasket	19	808421	Lever Handle Screw
2	804989	Removable Insert (Hot) 64L	20	807806	'O'-Ring
3	804990	Removable Insert (Cold) 66L	21	000685-20	Removable Insert
4	807431	Seat Screw	22	809405	Brass Washer
5	807182	Seat Washer	23	809404	Rubber Washer
6	805941	Spindle (Hot) 18L	24	804870	Stainless Steel Washer
7	805942	Spindle (Cold) 67L	25	802608	'O'-Ring
8	800867	Top Gasket	26	802609	Washer
9	009744-45	Bonnet, Eterna	27	009750-25	Bonnet
10	800868	Bonnet Seal Packing	28	807431	Seat Screw
11	000718-25	Packing Nut	29	808077	Seat Washer
12	003164-45	Spring Check Seat	30	807807	Spindle (Hot and Cold)
13	804415	Spring	31	001047-45	Rubber Washer
14	801161	Spindle (Hot) 264L	32	802607	Bonnet (B-1100)
15	801162	Spindle (Cold) 263L	33	807432	Brass Washer
16	800951	Quarter-Turn Sleeve, Eterna	34	809092	Spindle (Cold)
17	808420	Lever Handle, Blank	35	809091	Spindle (Hot)
	800935	Lever Handle, Hot	40	001136-45	Teflon Seat Washer
	800930	Lever Handle, Cold	41	018163-20	Quarter-Turn Sleeve (B-1100)
18	800945	Index, Red, Hot			
	800940	Index, Blue, Cold			

B-1100 Series Cartridges Big-Flo Cartridge Assemblies and Push Button and Wrist-Action Metering Cartridges

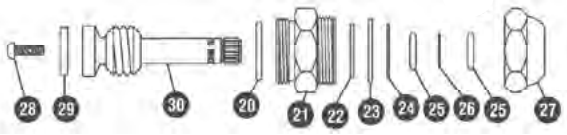
B-1100 Series Deck-Mount Faucets and B-1100 Series Wall-Mount Faucets



B-1100 Quarter-Turn Assembly

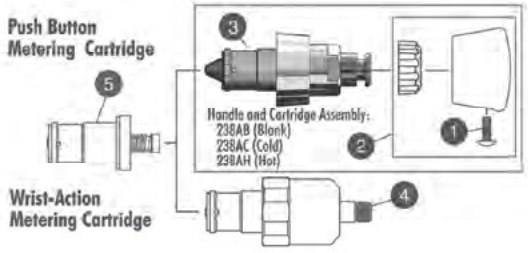


Big-Flo Assembly



238A Push Button and Wrist-Action Metering Cartridges

See p. G7, *Parts Kits* section for metering cartridge repair kit (B-238RK)



1	014145-45	Screw
2	805538	Push Button Handle, Screw and Insulator (Blank)
	805539	Push Button Handle, Screw and Insulator (Hot)
	805540	Push Button Handle, Screw and Insulator (Cold)
3	608204	Push Button Metering Cartridge
4	805319	Wrist-Action Metering Cartridge
5	805536	Common Metering Barrel Assembly

B-1100 Series Faucets / Deck-Mount:

B-1100 Spindle Assembly – No Handle

Hot (RTC)	802545
Cold (LTC)	802544

B-1100 Spindle Assembly, Quarter-Turn – No Handle

Hot (RTC)	802548
Cold (LTC)	802546

B-1100 Spindle Assembly with Lever Handle, Index and Screw

Hot (RTC)	804873
Cold (LTC)	804874

B-1100 Spindle Assembly with Teflon Seat Washer (for Wrist-Action Handle)

Hot, No Handle (RTC)	009423-40
Cold, No Handle (LTC)	009424-40

B-1100 Spindle Assembly, Quarter-Turn with Teflon Seat Washer (for Wrist-Action Handle)

Hot, No Handle (RTC)	009423-40QT
Cold, No Handle (LTC)	009424-40QT

B-1100 Series Faucets / Wall-Mount:

B-1100 Spindle Assembly – No Handle

Hot (LTC)	802544
Cold (RTC)	802545

B-1100 Spindle Assembly, Quarter-Turn – No Handle

Hot (LTC)	802546
Cold (RTC)	802548

B-1100 Spindle Assembly with Lever Handle, Index and Screw

Hot (LTC)	009286-40
Cold (RTC)	009287-40

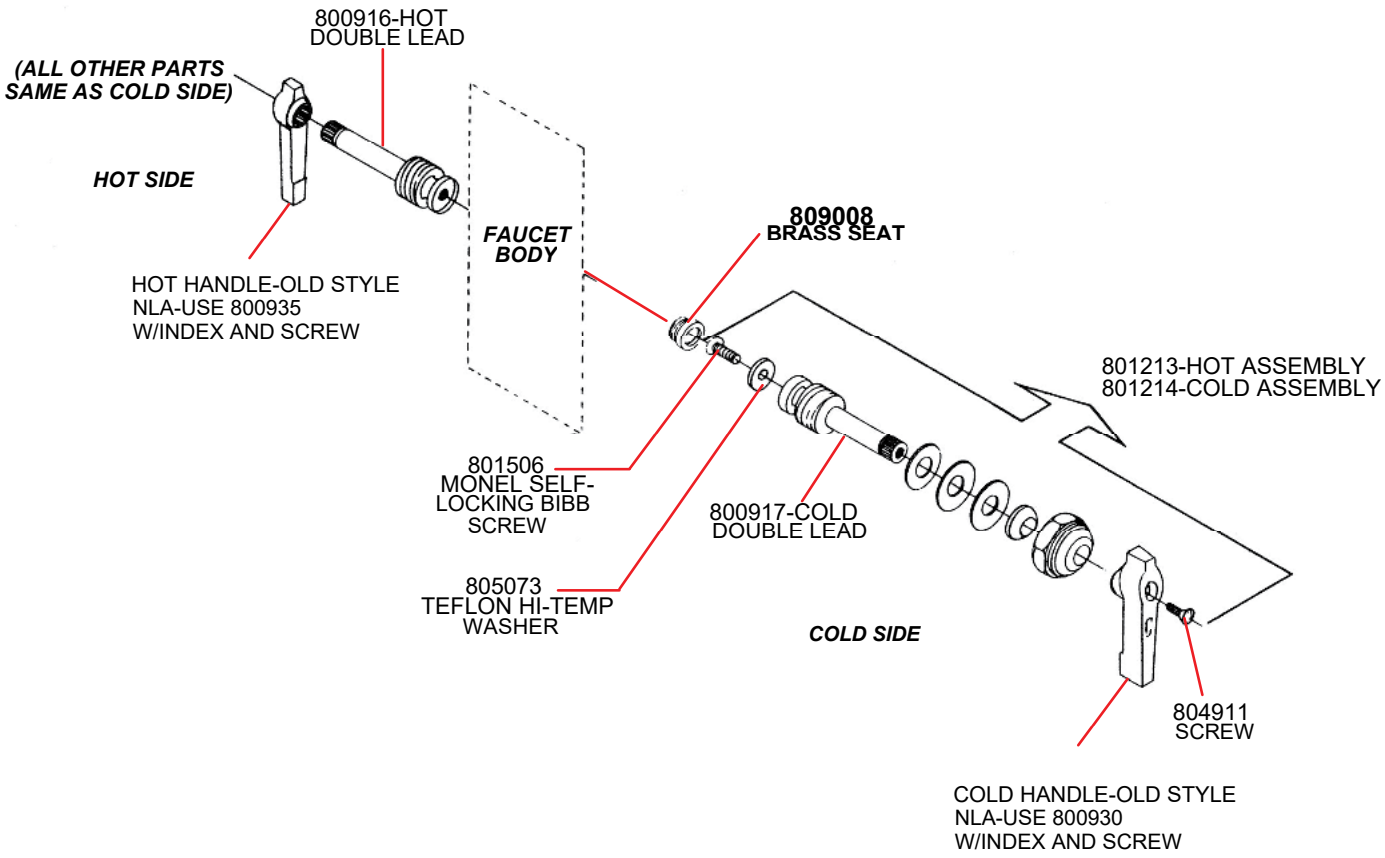
Big-Flo Faucets:

Cartridges

Cold or Hot Side for use with 4-Arm Handle (LTC)	807120
Cold Side for use with Lever Handle (RTC)	807197

T&S RELIABILITY BUILT IN™

OLD STYLE SPINDLE ASSEMBLY (PRIOR TO 1969)



800908
T&S OLD STYLE REPAIR KIT
FOR ABOVE SPINDLE ASSEMBLIES



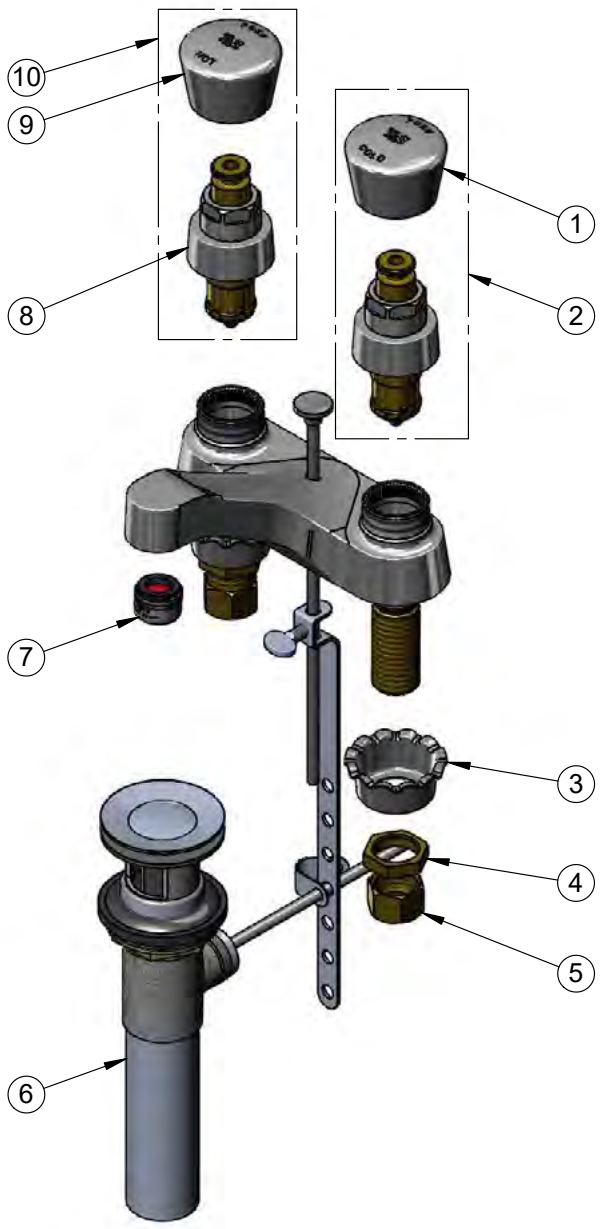
ATLANTIC COASTAL SUPPLY INC.
ACSPARTS.NET (800) 520 - 0556

CONTAINS THE FOLLOWING:

(1) RIGHT HAND SPINDLE/STEM
(1) LEFT HAND SPINDLE/STEM
(6) SEATS
(6) SEAT SCREWS
(12) WASHERS-BRASS
(12) BONNET WASHERS-WHITE RUBBER
(12) BONNET WASHERS-STAINLESS
(24) SEAT WASHERS
(24) O-RINGS
(12) WASHERS → REPLACES DOME PACKING

T&S RELIABILITY BUILT IN™

608206 (B-0830) DECK MOUNT METERING FAUCET



ITEM NO.	SALES NO.	DESCRIPTION
1	805540	Cold Push Button Cap w/ Spanner Bit
2	808462	Metering Cartridge w/ Cold Push Button Cap & Spanner Bit
3	408603	Rosette Washer
4	804419	Shank Lock Nut
5	806995	Coupling Nut
6	608237	Pop-Up
7	404107	2.2 GPM Aerator
8	608204	Push Button Metering Cartridge
9	805539	Hot Push Button Cap w/ Spanner Bit
10	808461	Metering Cartridge w/ Hot Push Button Cap & Spanner Bit





205413
Spanner Bit

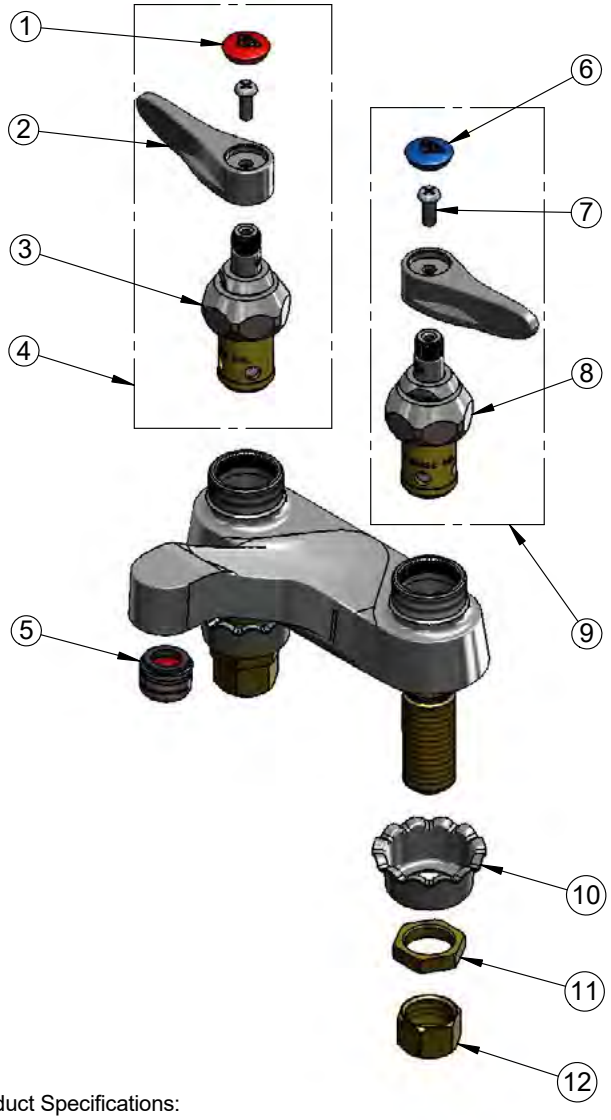
Product Specifications:
4" Centerset Deck Mount Faucet w/ Push Button Metering Cartridges, 2.2 GPM Aerator, 1/2" NPSM Male Inlets w/ Coupling Nuts and Pop-Up Drain



808463

METERING CARTRIDGE REPAIR KIT

608228 (B-0871) LAVATORY FAUCET DECK MOUNT



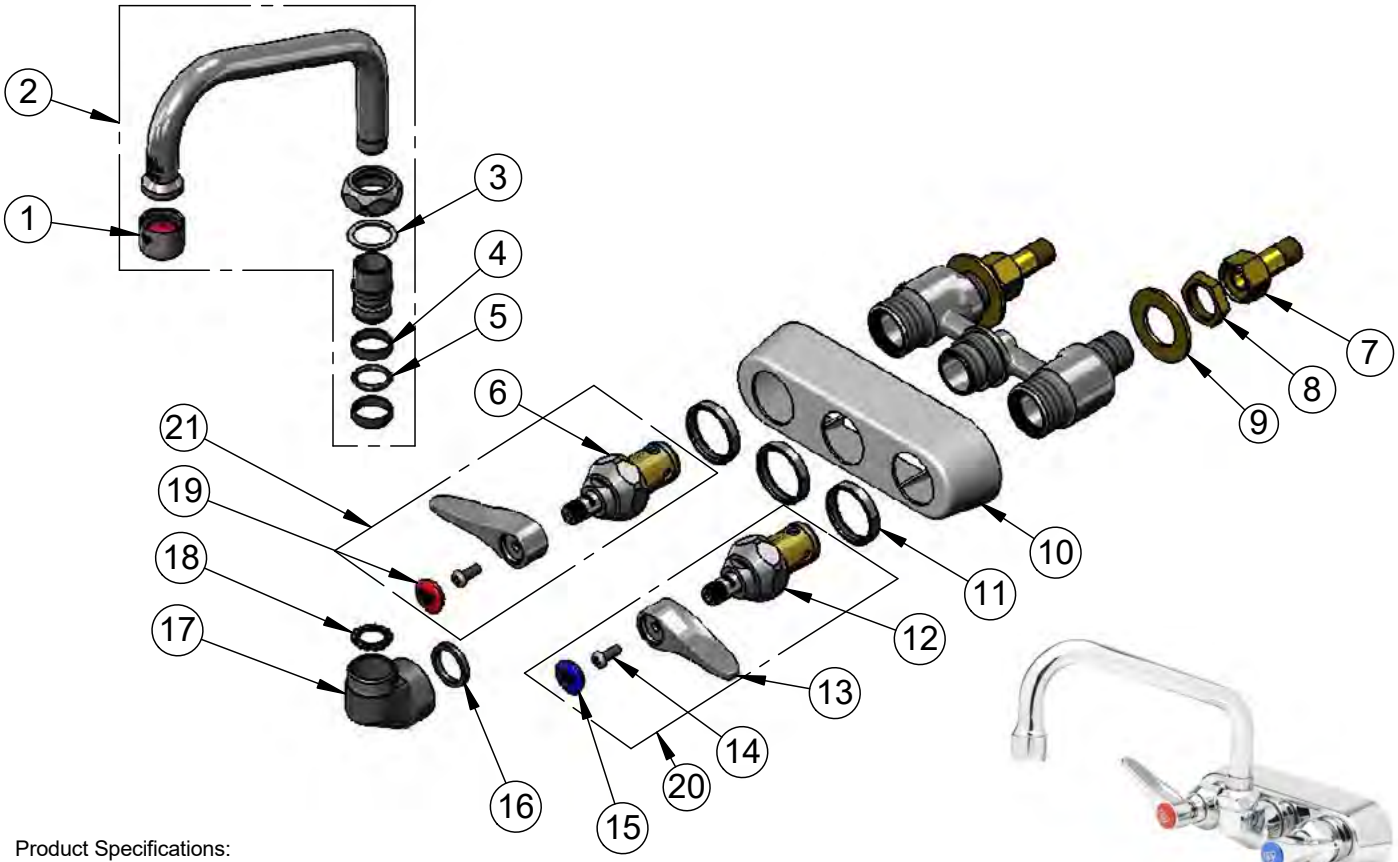
ITEM NO.	SALES NO.	DESCRIPTION
1	001193-19NS	Red Button Index, Press-in
2	001638-45NS	Lever Handle (New Style)
3	811080	Quarter-Turn Eterna Cartridge w/ Spring Check, RTC
4	812712	Quarter-Turn Eterna Cartridge w/ Spring Check, Handle, Red Index & Screw, RTC
5	404107	2.2 GPM Aerator, 13/16-27 UN Male
6	801929	Blue Button Index, Press-in
7	800905	Lab Handle Screw
8	012442-40NS	Quarter-Turn Eterna Cartridge w/ Spring Check, LTC
9	812711	Quarter-Turn Eterna Cartridge w/ Spring Check, Handle, Blue Index & Screw, LTC
10	408603	Rosette Washer
11	804419	Shank Lock Nut
12	806995	Coupling Nut



Product Specifications:
4" Centerset Deck Mount Faucet, Quarter-Turn Eterna Cartridges w/ Spring Checks, Lever Handles, 2.2 GPM Aerator & 1/2" NPSM Male Inlets w/ Coupling Nuts

NOTES: _____

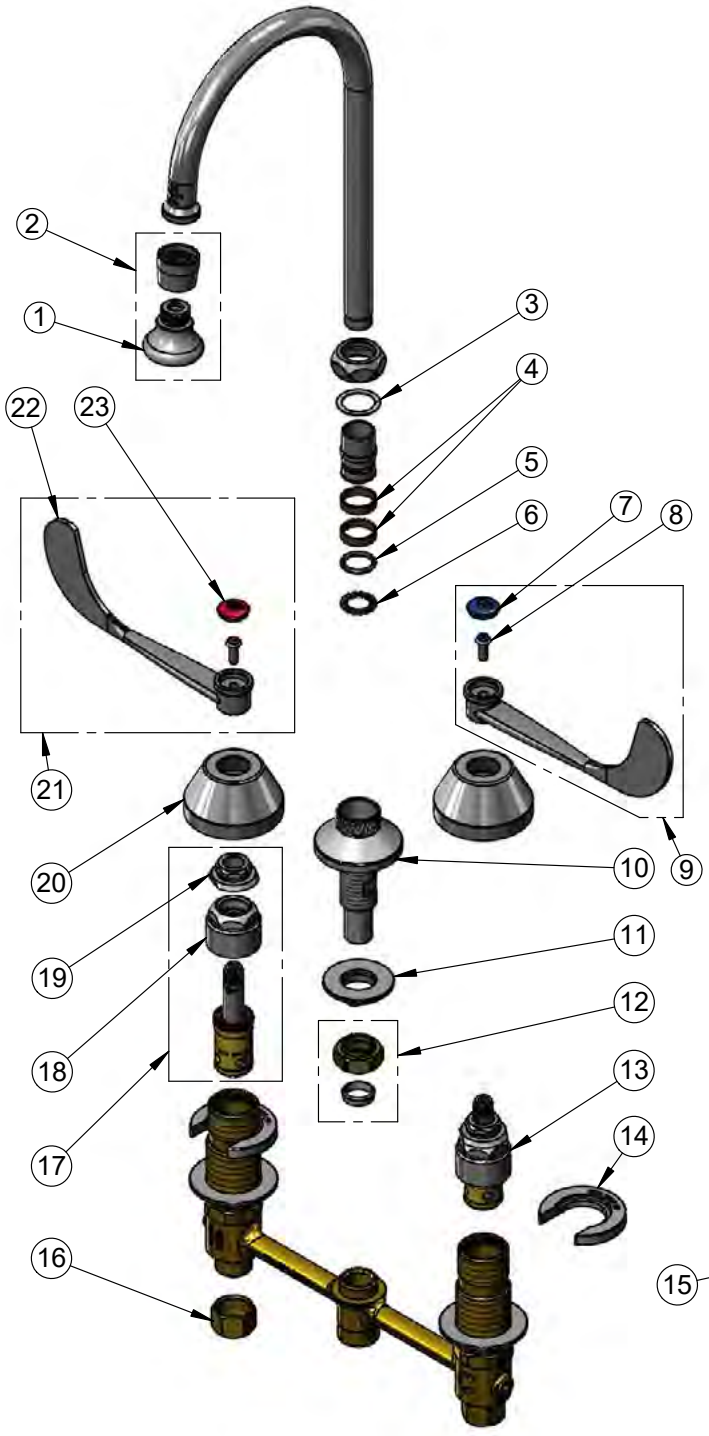
B-1105 WALL MOUNT WORKBOARD FAUCET



Product Specifications:
3 1/2" Wall Mount Workboard Faucet, Quarter-Turn Eterna Cartridges w/ Spring Checks, Lever Handles, 6" Swing Nozzle, 2.2 GPM Aerator & 1/2" NPT Male Inlets

ITEM NO.	SALES NO.	DESCRIPTION
1	805070	2.2 GPM Aerator, 55/64"-27 UN Female
2	059X-A22	6" Swing Nozzle w/ 2.2 GPM Aerator
3	801478	Swivel Washer
4	802631	Swivel Sleeves (2)
5	802612	O-Ring
6	012442-40NS	Quarter-Turn Eterna Cartridge w/ Spring Check, LTC
7	946301	1/4" NPT Tailpiece & Nut
8	804419	Shank Lock Nut
9	817361	Brass Lock Washer
10	019356-40	B-1100 Eterna Workboard Escutcheon
11	019376-40	Escutcheon Lock Nut
12	811080	Quarter-Turn Eterna Cartridge w/ Spring Check, RTC
13	001638-45NS	Lever Handle (New Style)
14	800905	Lab Handle Screw
15	801929	Blue Button Index, Press-in
16	802012	Washer, 3/4 ID x 15/16 OD x 1/8 thick
17	000082-40	B-1100 Knob
18	014200-45	Star Washer, Anti-Rotation
19	001193-19NS	Red Button Index, Press-in
20	019639-40	Quarter-Turn Eterna Cartridge RTC w/ Spring Check, Handle, Blue Index & Screw
21	019638-40	Quarter-Turn Eterna Cartridge LTC w/ Spring Check, Handle, Red Index & Screw

B-2865 DECK MOUNT MEDICAL FAUCET



ITEM NO.	SALES NO.	DESCRIPTION
1	804710	2.2 GPM Rosespray Outlet
2	809768	2.2 GPM Rosespray Outlet w/ Adapter
3	801478	Swivel Washer
4	802631	Swivel Sleeves (2)
5	802612	O-Ring
6	807092	Star Washer, Anti-Rotation
7	801929	Blue Button Index, Press-in
8	800905	Lab Handle Screw
9	B-WH6C-NS	6" Wrist Action Handle, Blue Index & Screw
10	016754-40NS	EasyInstall CWS Swivel Center Shank (New Style)
11	812662	Center Flange Nut
12	016745-45	Compression Nut & Fitting
13	016752-40NS	EasyInstall, CWS Quarter-Turn Eterna Cartridge w/ Spring Check, LTC
14	016749-45	Sidebody C-Washer
15	016777-45	CWS Hanger
16	806995	Coupling Nut
17	016753-40NS	EasyInstall, CWS Quarter-Turn Eterna Cartridge w/ Spring Check, RTC
18	016743-25	CWS Eterna Bonnet
19	009002-40NS	Packing Assembly (New Style)
20	804491	Bell Escutcheon
21	B-WH6H-NS	6" Wrist Action Handle, Red Index & Screw
22	B-WH6	6" Wrist Action Handle
23	001193-19NS	Red Button Index, Press-in



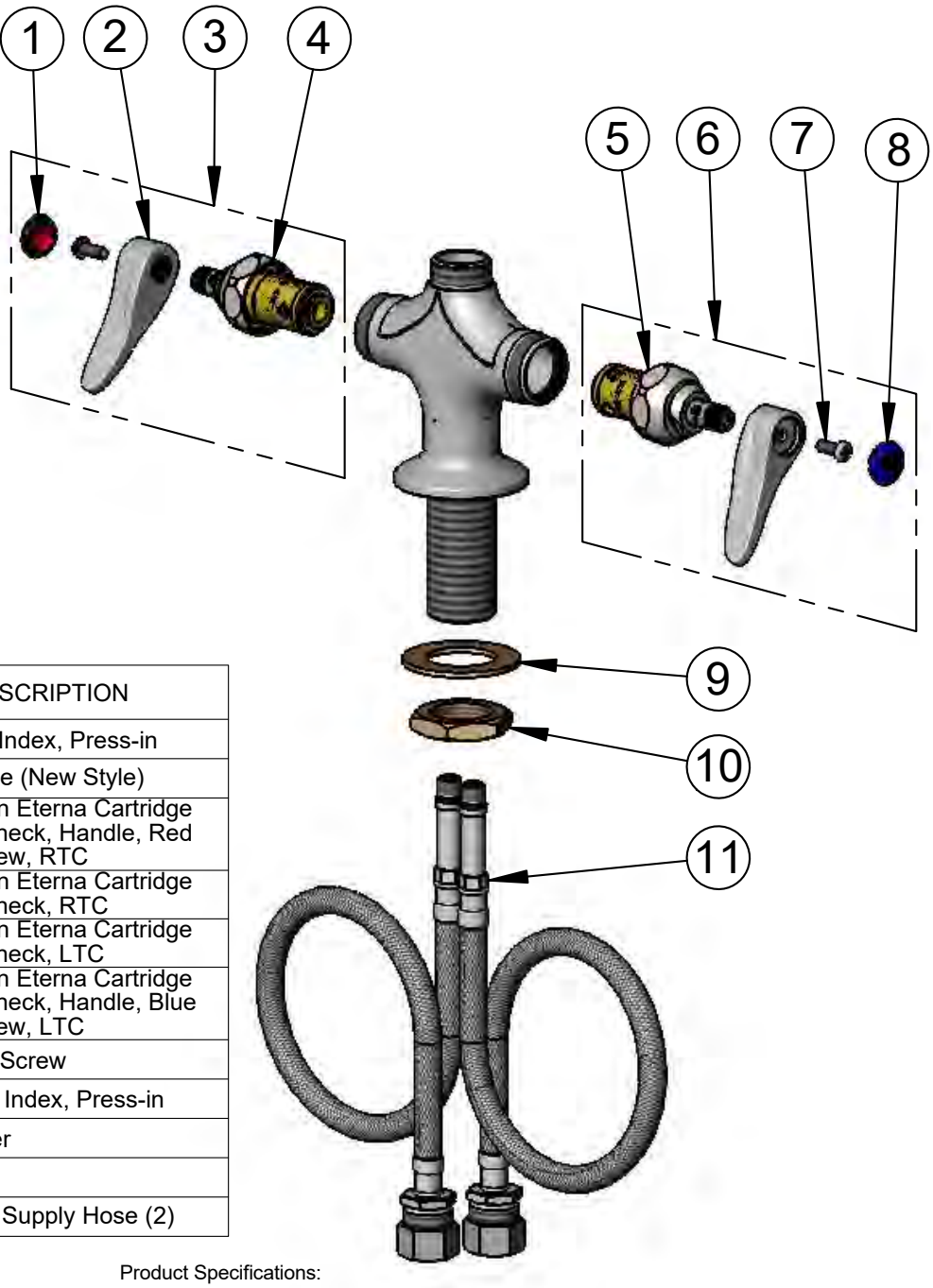
017245-40
Installation Repair Kit
Includes 11, #15, & (2)#14

Product Specifications:

EasyInstall 8" Concealed Widespread Mixing Faucet, Quarter-Turn Eterna Cartridges w/ Spring Checks, 6" Wrist Action Handles, 5 13/16" Rigid/Swivel Gooseneck, w/ 2.2 GPM Rosespray Outlet & 1/2" NPT Male Inlets

DOUBLE PANTRY SWIVEL/RIGID BASE SINGLE HOLE FAUCET





ITEM NO.	SALES NO.	DESCRIPTION
1	001193-19NS	Red Button Index, Press-in
2	001638-45NS	Lever Handle (New Style)
3	812712	Quarter-Turn Eterna Cartridge w/ Spring Check, Handle, Red Index & Screw, RTC
4	811080	Quarter-Turn Eterna Cartridge w/ Spring Check, RTC
5	012442-40NS	Quarter-Turn Eterna Cartridge w/ Spring Check, LTC
6	812711	Quarter-Turn Eterna Cartridge w/ Spring Check, Handle, Blue Index & Screw, LTC
7	800905	Lab Handle Screw
8	801929	Blue Button Index, Press-in
9	006598	Lock Washer
10	807923	Lock Nut
11	806228	18" Flexible Supply Hose (2)

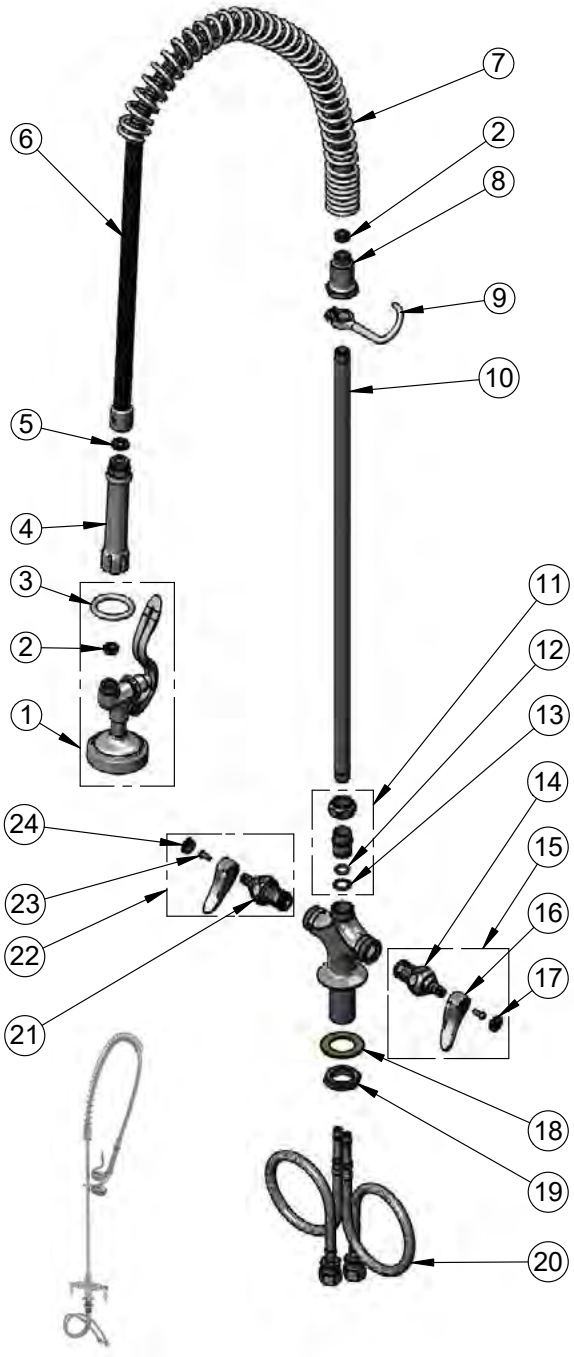
Product Specifications:
Single Hole Deck Mount Mixing Faucet, Quarter-Turn Eterna Cartridges w/ Spring Checks, Lever Handle & 18" Flexible Stainless Steel Supply Hoses w/ 1/2" NPSM Male Inlets, Less Nozzle



806437
EASY INSTALL RISER KIT W/ SWIVEL NUT, BUSHING, O-RING & LOCK WASHER

PRE-RINSE SPRING ACTION SINGLE HOLE FAUCET

600027 (B-0113)



ITEM NO.	SALES NO.	DESCRIPTION
1	800870	1.15 GPM Spray Valve
2	804421	#27 Washer
3	808025	Spray Valve Hold Down Ring
4	801310	Grip Handle
5	805069	Washer, B-0100 Hose Barrel
6	*SEE BELOW*	Flexible Stainless Steel Hose, With Handle
7	800991	EasyInstall Overhead Spring
8	805030	Spring Body
9	805803	Finger Hook
10	*SEE BELOW*	3/8" NPT x 24" Riser
11	806437	EasyInstall Kit: Nut, Bushing, O-Ring & Lock Washer
12	807091	O-Ring
13	807092	Star Washer, Anti-Rotation
14	012442-40NS	Quarter-Turn Eterna Cartridge w/ Spring Check, LTC
15	812711	Quarter-Turn Eterna Cartridge w/ Spring Check, Handle, Blue Index & Screw, LTC
16	001638-45NS	Lever Handle (New Style)
17	801929	Blue Button Index, Press-in
18	006598	Lock Washer
19	807923	Lock Nut
20	806228	18" Flexible Supply Hose (2)
21	811080	Quarter-Turn Eterna Cartridge w/ Spring Check, RTC
22	812712	Quarter-Turn Eterna Cartridge w/ Spring Check, Handle, Red Index & Screw, RTC
23	800905	Lab Handle Screw
24	001193-19NS	Red Button Index, Press-in
61	009845-45	Spray Valve Spray Face

4



801310
GRAY HANDLE GRIP ASSEMBLY

10

803990: 24”
801668: 18”
801148: 12”

Product Specifications:
Pre-Rinse Unit: EasyInstall Single Hole Deck Mount Mixing Faucet, Quarter-Turn Eterna Cartridges w/ Spring Checks, Lever Handles, 44" Flexible Stainless Steel Hose, 1.15 GPM Spray Valve & Flexible Stainless Steel Supply Hoses

6

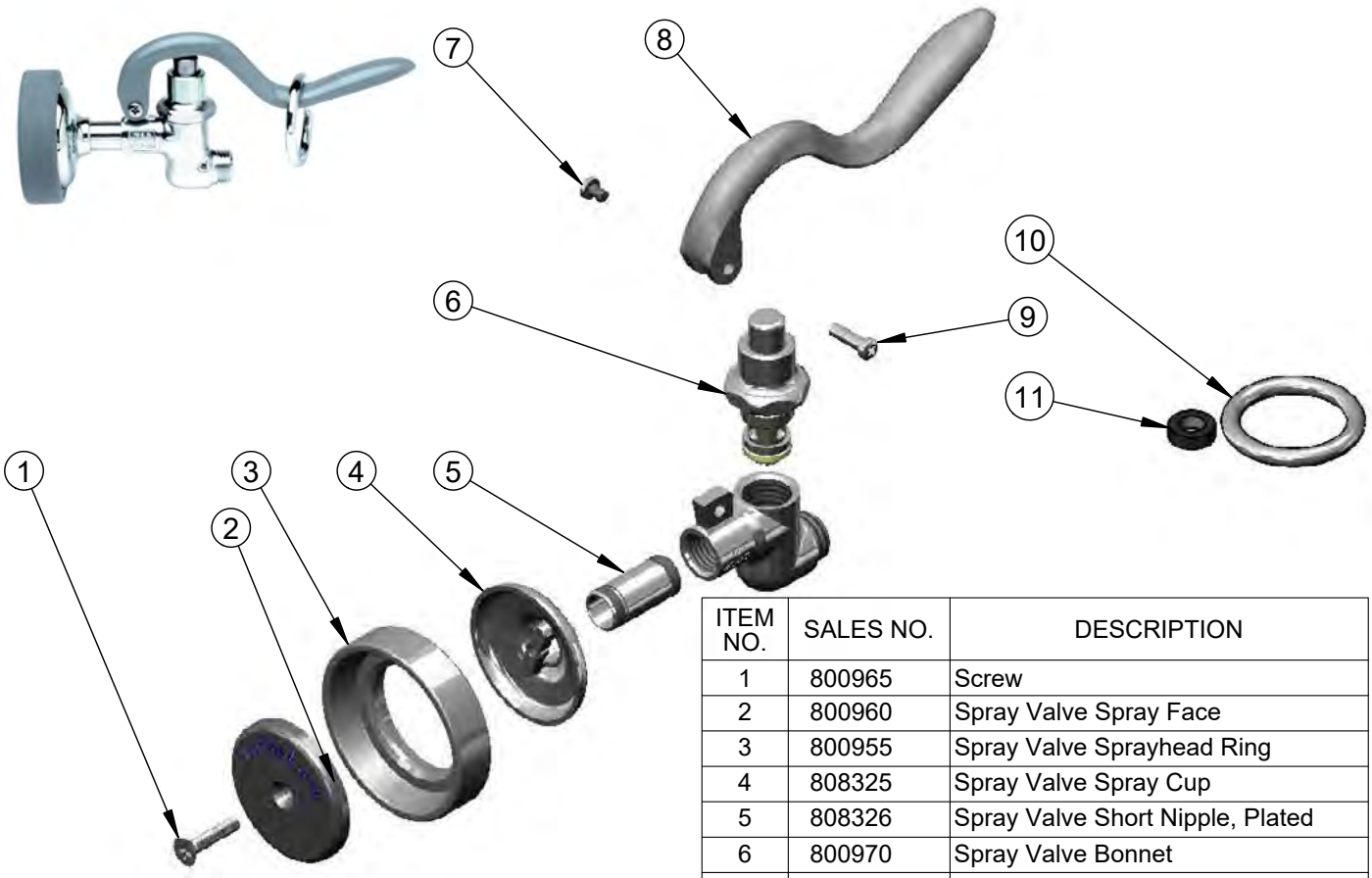


603210: 24”
003086: 36”
800975: 44”
800980: 68”
001247: 144”



801685
SWIVEL ADAPTER ATTACHES SWING SPOUT TO RISER

800870 (B-0107) SPRAY VALVE



Product Specifications:
Pre-Rinse Self-Closing Spray Valve w/ Rubber Bumper & 1.15 GPM Flow Control Spray Face

ITEM NO.	SALES NO.	DESCRIPTION
1	800965	Screw
2	800960	Spray Valve Spray Face
3	800955	Spray Valve Sprayhead Ring
4	808325	Spray Valve Spray Cup
5	808326	Spray Valve Short Nipple, Plated
6	800970	Spray Valve Bonnet
7	800990	Spray Valve Handle Screw
8	804032	Spray Valve Handle
9	800995	Spray Valve Handle Nut
10	808025	Spray Valve Hold Down Ring
11	804421	#27 Washer



500340
GRAY SPRAY HEAD ASSEMBLY

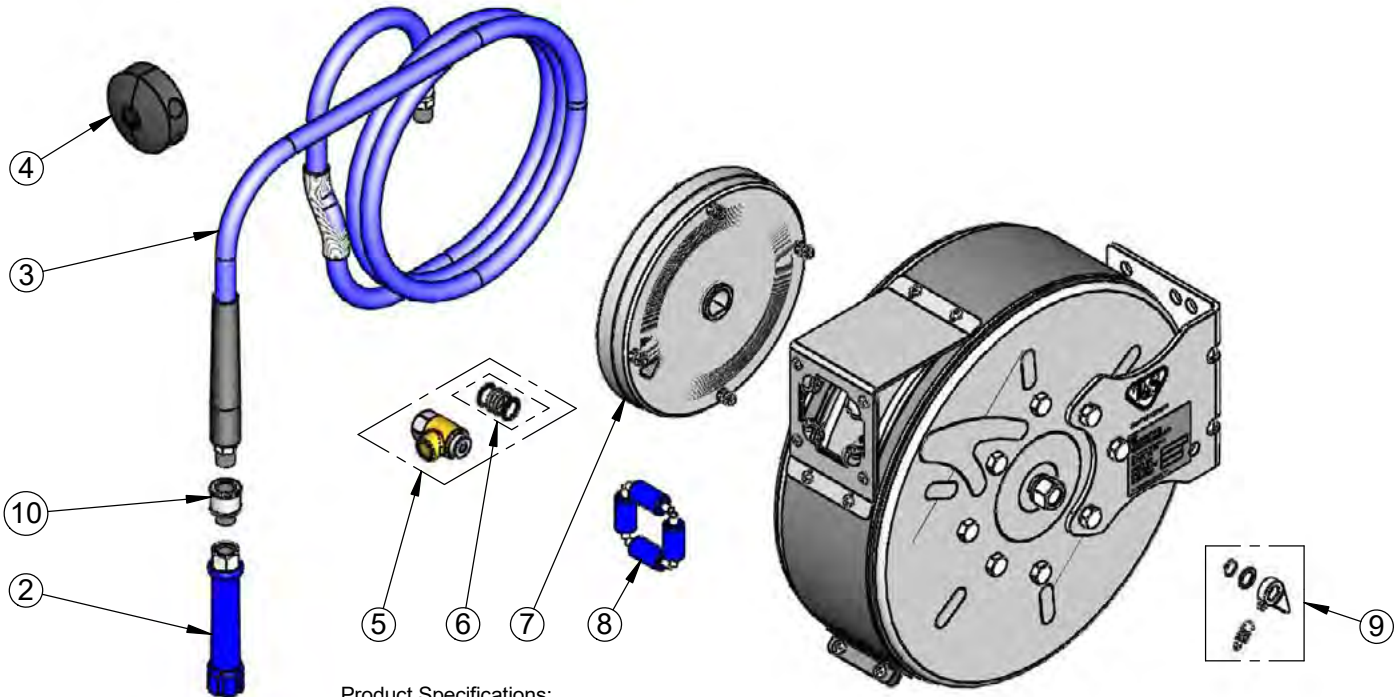


800970
SPRAY VALVE BONNET ASSEMBLY



400830
SPRAY VALVE REBUILD KIT

000667 (B-7222-C01) ENCLOSED HOSE REEL



Product Specifications:
Hose Reel System:
3/8" x 30 Ft. Enclosed Epoxy Coated Reel w/ High Flow Spray Valve & Swivel



ITEM NO.	SALES NO.	DESCRIPTION
1	008638	High Flow Spray Valve
2	806289	Grip Handle (Blue)
3	008636	3/8" x 30' Hose Replacement Kit
4	008637	Hose Stop Repair Kit
5	800277	3/8" Swivel Repair Kit
6	808564	O-Ring Replacement Kit
7	008930	Small Coated Spring
8	014936-45	Roller Replacement Kit
9	008947	Ratchet Repair Kit
10	019652-40	3/8" NPT Live Swivel

NOTES: _____

NOZZLES, GOOSENECKS & SPOUTS

Swing Nozzles

SERIES 1 OUTLETS



- Nozzle tip has 55/64-27 UN male threads for Series 1 outlets and stream regulator (**409830**)

Model No.	Standard Sizes Length	Height	Clearance
800863	6″ (152 mm)	5-1/16" (129 mm)	2-5/16″ (59 mm)
800855	8″ (203 mm)	5-11/16" (144 mm)	2-15/16″ (74 mm)
800864	10″ (254 mm)	6-9/16" (167 mm)	3-13/16″ (97 mm)
800860	12″ (305 mm)	7-1/16" (179 mm)	4-5/16″ (110 mm)
800861	14″ (356 mm)	7-5/8" (194 mm)	4-7/8″ (124 mm)
800849	16″ (406 mm)	8-3/4" (222 mm)	5-15/16″ (151 mm)
800862	18″ (457 mm)	9-1/16" (230 mm)	6-5/16″ (160 mm)

059XM Master Box (12)
060XM Master Box (12)
061XM Master Box (12)
062XM Master Box (12)
063XM Master Box (12)
064XM Master Box (12)
065XM Master Box (12)
060XP Plain end outlet
062XP Plain end outlet

Note: XP = Plain end
- XP nozzles require a minimum flow rate of 1.0 GPM

Double-Joint Nozzles

SERIES 1 OUTLETS



- Nozzle tip has 55/64-27 UN male threads for Series 1 outlets and stream regulator (**409830**)

Double-Joint Nozzle Sections:
408408 6″ (152 mm) back section
152X 9″ (229 mm) back section
153X 6″ (152 mm) front section

Model No.	Standard Sizes Back Section	Front Section	Total Length	Height	Clearance
003141	6″ (151X) (152 mm)	6″ (153X) (152 mm)	12″ (305 mm)	7-1/8" (181 mm)	4-5/16" (110 mm)
003087	9″ (152X) (229 mm)	6″ (153X) (152 mm)	15″ (381 mm)	7-1/8" (181 mm)	4-5/16" (110 mm)
808352	12″ (002781-40) (305 mm)	6″ (153X) (152 mm)	18″ (457 mm)	7-1/8" (181 mm)	4-5/16" (110 mm)
808351	12″ (002781-40) (305 mm)	12″ (006186-40) (305 mm)	24″ (610 mm)	6-9/16" (167 mm)	3-7/8" (98 mm)

Swivel Gooseneck

SERIES 1 OUTLETS
SERIES 2 OUTLETS



- Nozzle tip has either 55/64-27 UN male or 3/8" NPSM female threads and stream regulator

Model No.	Standard Sizes Spread	Height	Clearance	Outlet/Series
601146	2-13/16″ (71 mm)	4-11/16″ (119 mm)	2-3/16″ (56 mm)	B-PT (Series 1)
808002	2-5/8″ (67 mm)	9″ (229 mm)	5-7/16″ (138 mm)	B-LT (Series 2)
802460	5-11/16″ (144 mm)	10-5/16″ (262 mm)	6-1/4″ (159 mm)	B-PT (Series 1)
133X-AER	5-3/4″ (146 mm)	10-5/16″ (262 mm)	5-13/16″ (148 mm)	B-0199-01 (Ser. 1)
133X-LAM	5-3/4″ (146 mm)	10-5/16″ (262 mm)	5-13/16″ (148 mm)	B-0199-21 (Ser. 1)
133X-LAM-VR	5-3/4″ (146 mm)	10-5/16″ (262 mm)	5-13/16″ (148 mm)	B-0199-21-VRF (1)
603999	7-3/4″ (197 mm)	11-7/16″ (291 mm)	5-9/16″ (141 mm)	B-LT (Series 2)
804015	8-3/4″ (222 mm)	12-1/16″ (306 mm)	5-5/8″ (143 mm)	B-LT (Series 2)
135X-LAM	8-3/4″ (222 mm)	12-1/16″ (306 mm)	5-13/16″ (148 mm)	B-0199-21 (Ser. 1)
135X-LAM-VR	8-3/4″ (222 mm)	12-1/16″ (306 mm)	5-13/16″ (148 mm)	B-0199-21-VRF (1)
802533	12-3/16″ (310 mm)	14-11/16″ (373 mm)	5-9/16″ (141 mm)	B-LT (Series 2)

Swivel Gooseneck/Plain End Spout:
131XP Same as **601146** except with plain end
132XP Same as **808002** except with plain end
133XP Same as **802460** except with plain end
134XP Same as **603999** except with plain end
008108 Same as **804015** except with plain end

Note: XP = Plain end
- XP nozzles require a minimum flow rate of 1.0 GPM

Swivel Gooseneck/Stream Regulator:
131X-ADA ADA gooseneck
131XM Master Box (6)
132XM Master Box (6)
133XM Master Box (6)
135XM Master Box (6)

T&S RELIABILITY BUILT IN™

NOZZLES, GOOSENECKS & SPOUTS

Rigid Gooseneck

SERIES 2 OUTLETS



- Nozzle tip has 3/8"NPSM female thread for Series 2 outlets and stream regulator (**804109**)

Model No.	Standard Sizes Spread	Height	Clearance
800872	2-5/8" (67 mm)	8-3/4" (222 mm)	5-1/4" (133 mm)
802465	5-1/2" (140 mm)	10-1/4" (260 mm)	5-1/4" (133 mm)
120X-LAM	5-9/16" (141 mm)	10-1/4" (260 mm)	4-13/16" (122 mm)
120X-LAM-VR	5-9/16" (141 mm)	10-1/4" (260 mm)	4-3/4" (121 mm)
802466	5-1/2" (140 mm)	11-1/2" (292 mm)	6-1/2" (165 mm)
802467	5-1/2" (140 mm)	12-1/2" (318 mm)	7-1/2" (191 mm)
124X	5-1/2" (140 mm)	13-1/2" (343 mm)	8-1/2" (216 mm)
125X	5-1/2" (140 mm)	14-1/2" (368 mm)	9-1/2" (241 mm)
126X	5-1/2" (140 mm)	5-1/2" (140 mm)	10-1/2" (267 mm)
127X	7-5/8" (194 mm)	11-1/12" (292 mm)	5-1/2" (140 mm)
128X	7-5/8" (194 mm)	13-1/2" (343 mm)	7-1/2" (191 mm)
804177	8-1/2" (216 mm)	11-3/4" (298 mm)	5-7/16" (138 mm)
800881	12-3/16" (310 mm)	13-3/8" (340 mm)	4-1/2" (114 mm)
805246	4-1/16" (103 mm)	9-1/4" (235 mm)	5-13/16" (148 mm)

-LAM Laminar Flow Outlet **-VR** Vandal-Resistant

Rigid Gooseneck/Stream Regulator:
811190 Master Box (6)

Rigid Gooseneck/Plain End Spout:
119XP Same as 119X except with plain end
120XP Same as 120X except with plain end
122XP Same as 122X except with plain end
123XP Same as 123X except with plain end
129XP Same as 129X except with plain end

Note: XP = Plain end
- XP nozzles require a minimum flow rate of 1.0 GPM

Soap Dish Nozzle

SERIES 2 OUTLETS

- Nozzle tip has 3/8"NPSM female thread for Series 2 outlets and stream regulator (**804109**)
- Fits all standard T&S swivel outlets



Model No.	Length
160X	6" (152 mm)
161X	8" (203 mm)
162X	12" (305 mm)
163X	18" (457 mm)

Note: See p. 7-8 for other Series 2 outlets used with these swing nozzles

0CS6 Swivel Cast Spout

SERIES 2 OUTLETS

- Polished chrome plated cast nozzle with 3/8" NPSM female threads for Series 2 outlets and aerator (**406996**)



Model No.	Length	Height	Clearance
809794	6" (152 mm)	2-3/8" (60 mm)	11/16" (24 mm)
0CS8	8" (203 mm)	5-3/16" (132 mm)	3-1/2" (96 mm)

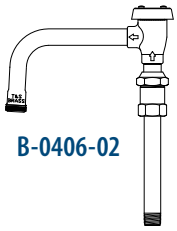
0CS8-LT 8" (229 mm), B-LT stream regulator and 4" clearance

NOTES: _____

NOZZLES, GOOSENECKS & SPOUTS

Swivel Vacuum Breaker Gooseneck

SERIES 2 OUTLETS





- Nozzle tip has 3/8" NPSM female thread for Series 2 outlets and stream regulator (**804109**)
- **B-0406-02, -03, -04**
  Rigid polished chrome plated gooseneck with 3/8" NPT male inlet, swivel vacuum breaker – swivels at vacuum breaker
- **B-0407-02, -03, -04**
  Swivel polished chrome plated gooseneck with vacuum breaker – swivels at base. Fits all standard T&S swivel outlets (B-0407 models only)

Model No.	Spread	Height	Clearance
805299	5-5/8" (143 mm)	9-1/16" (230 mm)	4-11/16" (119 mm)
B-0406-03	8-5/8" (219 mm)	9-1/16" (230 mm)	4-11/16" (119 mm)
B-0406-04	11-5/8" (295 mm)	9-1/16" (230 mm)	4-11/16" (119 mm)
803167	5-5/8" (143 mm)	8-11/16" (221 mm)	4-3/8" (111 mm)
600070	8-5/8" (219 mm)	8-11/16" (221 mm)	4-3/8" (111 mm)
805521	11-5/8" (295 mm)	8-11/16" (221 mm)	4-3/8" (111 mm)

Rigid Vacuum Breaker Gooseneck

SERIES 2 OUTLETS



- Rigid polished chrome plated gooseneck with vacuum breaker
- 3/8" NPT male inlet
- Nozzle tip has 3/8" NPSM female thread for Series 2 outlets and stream regulator (**804109**)
- Fits all standard T&S rigid outlets

Model No.	Spread	Height	Clearance
600403	5-5/8" (142 mm)	8-7/8" (226 mm)	4-1/2" (114 mm)
801306	8-9/16" (218 mm)	8-7/8" (226 mm)	4-1/2" (114 mm)
B-0405-04	11-5/8" (295 mm)	8-7/8" (226 mm)	4-1/2" (114 mm)

Vacuum Breaker Swing Nozzle with Stream Regulator

SERIES 2 OUTLETS



- Polished chrome plated swing nozzle with vacuum breaker
- Nozzle tip has 3/8" NPSM female thread for Series 2 outlets and stream regulator (**804109**)
- Fits all standard T&S swivel outlets

Model No.	Spread	Height
600155	5-5/8" (143 mm)	3-11/16" (94 mm)
B-0408-03	8-5/8" (219 mm)	3-11/16" (94 mm)
000983	11-5/8" (295 mm)	3-11/16" (94 mm)

Vacuum Breaker Swing Nozzle with Garden Hose Thread

SERIES 2 OUTLETS



- Nozzle has 3/4" garden hose thread outlet (**804700**)
- Fits all standard T&S swivel outlets

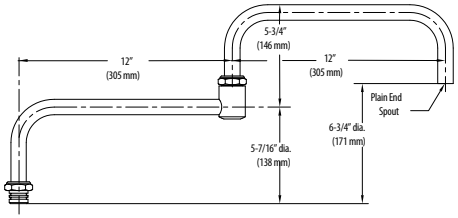
Model No.	Spread	Height
604452	5-5/8" (143 mm)	3-11/16" (94 mm)
B-0409-03	8-5/8" (219 mm)	3-11/16" (94 mm)
604007	11-5/8" (295 mm)	3-11/16" (94 mm)

T&S RELIABILITY BUILT IN™

Big-Flo Nozzles

116X Big-Flo Double Joint Swing Nozzle

- Plain end outlet
- Fits all standard T&S Big-Flo faucets



Model No.	Standard Sizes Front Section	Back Section	Clearance
116X	12" (305 mm)	12" (305 mm)	6-13/16" (173 mm)
117X	12" (305 mm)	–	11/16" (17 mm)
118X	–	12" (305 mm)	–

Big-Flo Swing Nozzles

- Plain end outlet
- Fits all standard T&S Big-Flo swivel outlets



Model No.	Standard Sizes Length	Clearance	Height
112X	10" (254 mm)	3-1/4" (83 mm)	6-15/16" (176 mm)
807118	12" (305 mm)	4" (102 mm)	7-5/8" (194 mm)
807119	18" (457 mm)	6-1/16" (154 mm)	9-11/16" (246mm)

Special Custom Goosenecks and Nozzles

812840 Double-Joint Pot Filler

- 18" (457 mm) length, 12" (305 mm) back, 6" (152 mm) front
- Heat resistant ON-OFF control grip on nozzle end (**000488**)
- Fits all standard T&S swivel outlets



802263 Swivel Gooseneck

- Chrome plated 8-3/8" (213 mm) spread swivel gooseneck
- 10-1/8" (257 mm) total height
- 8-1/4" (210 mm) clearance
- Series 1 non-splash aerator, 2.2 GPM (**805070**)
- Fits all standard T&S swivel outlets



602001 B-2386 swivel gooseneck with 11-5/16" (287 mm) height, 5-1/2" (139 mm) spread and 9-7/16" (240 mm) clearance

600209 Swivel Gooseneck

SERIES 2 OUTLETS

- Custom gooseneck
- Chrome plated swivel gooseneck
- Stream regulator outlet (**804109**)
- Fits all standard T&S swivel outlets
- Must specify height, spread and clearance dimensions
- Must specify if gooseneck is to be swivel or rigid



T&S RELIABILITY BUILT IN™

AERATORS

NEW Water-Saving Models!

	Flow Rate	Series 1	Series 2	Series 3	Series 4	Series 5
		• 55/64-27 UN female aerator threads • Fits all swing nozzles and **601146**, **802460** goosenecks	• Includes 3/8" NPSM male thread adapter (**805531**) and washer (001043-45) • Fits goosenecks except **601146** and **802460**	• 13/16-27 UN male aerator thread • Fits lavatory spouts	• 15/16-27 UN male aerator thread • Fits single lever line	• 13/16-24 UN female thread • Fits other manufacturer's faucets • Includes adapter and washer
Stream Regulators • Stream regulators: – Full flow rate – Stream regulators straighten the water flow	Full flow	 **409830** • Female aerator thread • Plain outlet with screen and washer	 **804109** • 3/8" male thread • Plain outlet	–	–	–
Aerators • Aerators: – Non-splash stream	2.2 GPM (8.3 l/min)	**805070**	**406996**	**404107**	**B-0199-04**	–
		See Aerator Flow Tower Chart below to order aerators with flow control				
– WaterSense Aerator	1.5 GPM (5.7 l/min)	**B-0199-01-WS (WaterSense)**	**B-0199-02-WS (WaterSense)**	**B-0199-03-WS (WaterSense)**	**B-0199-04-WS (WaterSense)**	**B-0199-05-WS (WaterSense)**
– Aerator	1.0 GPM (3.8 l/min)	**B-0199-01-F10**	**B-0199-02-F10**	–	–	–
Vandal-Resistant Aerators – Non-splash stream – Includes key (015425-45)	2.2 GPM (8.3 l/min)	**402617**	**805290**	**402619**	**B-0199-09**	–
		See Aerator Flow Tower Chart below to order aerators with flow control				
– WaterSense Aerator	1.5 GPM (5.7 l/min)	**B-0199-06-WS (WaterSense)**	**B-0199-07-WS (WaterSense)**	**B-0199-08-WS (WaterSense)**	**B-0199-09-WS (WaterSense)**	**B-0199-10-WS (WaterSense)**
	1.0 GPM (3.8 l/min)	**B-0199-06-F10**	**B-0199-07-F10**	–	–	–

Aerators with Flow Towers

B-0199-01F- XX Series 1
B-0199-02F- XX Series 2
B-0199-03F- XX Series 3

Vandal-Resistant Aerators with Flow Towers

B-0199-06F- XX Series 1
B-0199-07F- XX Series 2
B-0199-08F- XX* Series 3

* Not available with suffix -12 or -15

GPM ± 10% **To order:**

Select flow desired, then add suffix to model number. For ex.:, B-0199- 02**F-15** for 1.40 GPM

Note: Painted mark on each flow control within the assembly indicates flow of unit.

Aerator Flow Tower Chart

Flow (GPM)	Suffix
0.25	F-03
0.40	F-05
0.70	F-07
0.90	F-10
1.20	F-12
1.40	F-15
2.00	F-20

LAMINAR FLOW OUTLETS & NON-AERATED SPRAY DEVICES

	Flow Rate	Series 1	Series 2	Series 3	Series 4	Series 5
		• 55/64-27 UN female aerator threads • Fits all swing nozzles and **601146**, **802460** goosenecks	• Includes 3/8" NPSM male thread adapter (**805531**) and washer (001043-45) • Fits goosenecks except **601146** and **802460**	• 13/16-27 UN male aerator thread • Fits lavatory spouts	• 15/16-27 UN male aerator thread • Fits single lever line	• 13/16-24 UN female thread • Fits other manufacturer's faucets • Includes adapter and washer
Laminar Flow Devices • Non-aerated stream • Screenless; for use in medical facilities to prevent airborne bacteria from entering water stream	2.2 GPM (8.3 l/min)	**403951**	–	**B-0199-26**	**B-0199-25**	–
	1.5 GPM (5.7 l/min)	**B-0199-29**	–	–	–	–
Vandal-Resistant Laminar Flow Devices • Non-aerated stream • Screenless • Vandal-resistant with key shown below (015425-45) • -VR - female thread -VRF - female thread -VRM - male thread	2.2 GPM (8.3 l/min)	**B-0199-21-VRF®**	–	**B-0199-28**	**B-0199-27**	–
	1.5 GPM (5.7 l/min)	**B-0199-29VR**	–	–	**B-0199-09-LF15**	–
	1.0 GPM (3.8 l/min)	–	–	**402679**	**B-0199-09-LF10**	–
Non-Aerated Spray Devices • Non-aerated spray pattern • Screenless • For use in medical facilities to prevent bacteria from entering water stream	0.35 GPM (1.3 l/min)	**B-0199-01-N035**	**B-0199-02-N035**	**B-0199-03-N035**	**B-0199-04-N035**	**B-0199-05-N035**
	0.5 GPM (1.9 l/min)	**B-0199-01-N05**	**B-0199-02-N05**	**B-0199-03-N05**	**B-0199-04-N05**	**B-0199-05-N05**
Vandal Resistant Non-Aerated Spray Devices • Non-aerated spray pattern • Screenless • For use in medical facilities to prevent bacteria from entering water stream • Vandal-resistant key (shown below) to attach and remove outlet (015425-45)	0.35 GPM (1.3 l/min)	**B-0199-06-N035**	**B-0199-07-N035**	**B-0199-08-N035**	**B-0199-09-N035**	**B-0199-10-N035**
	0.5 GPM (1.9 l/min)	**B-0199-06-N05**	**B-0199-07-N05**	**B-0199-08-N05**	**B-0199-09-N05**	**B-0199-10-N05**

NEW Water-Saving Models!





NOTES: _____

Series 1 Outlets

SERIES 1 OUTLETS

- 55/64-27 UN female aerator threads
- Fits all swing nozzles and **601146**, **802460** goosenecks

B-0103-01 Rosespray

- 55/64-27 UN female aerator thread
- Solid brass construction



B-GFE Garden Hose Outlet

- 55/64-27 UN female aerator thread
- Fits on end of nozzle or gooseneck to convert aerator male thread to 3/4" male garden hose thread



B-0199-22 Swivel Aerator

- 55/64-27 UN female inlet
- Includes 15/16-27 UN male adapter
- Swivel outlet
- 2.2 GPM
- Dual spray pattern: aerator or rosespray



Series 2 Outlets

NEW Water-Saving Models!

SERIES 2 OUTLETS

- 3/8" NPSM male thread
- Fits goosenecks

804710 Rosespray

- Solid brass construction
- 3/8" NPSM male thread



803705 Serrated Hose End

- 3/8" NPT male inlet thread
- Serrated hose end accepts rubber or plastic tubing up to 1/2" I.D.



B-0103-Fxx Series Rosespray

- Solid brass construction
- 3/8" NPSM male thread
- B-0103-FXX models with flow control assembly and 3/8"-18 NPT male thread – refer to Flow Tower Chart below to specify flow desired and add numbers to model

Flow Tower Chart

Model No.	Flow (GPM)	Laser Marking
B-0103-**F03**	0.25	025
B-0103-**F05**	0.40	040
B-0103-**F07**	0.70	070
B-0103-**F10**	0.90	090
B-0103-**F12**	1.20	120
B-0103-**F15**	1.40	140
B-0103-**F20**	2.00	200

B-0198-Fxx Series Serrated Hose End

- 3/8" NPT male inlet thread
- Straight serrated hose tip with flow tower and retainer assembly
- End accepts rubber or plastic tubing up to 1/2" I.D.
- Refer to Flow Tower Chart below to specify flow desired and add numbers to model suffix

Flow Tower Chart

Model No.	Flow (GPM)	Laser Marking
B-0198-**F03**	0.25	025
B-0198-**F05**	0.40	040
B-0198-**F07**	0.70	070
B-0198-**F10**	0.90	090
B-0198-**F12**	1.20	120
B-0198-**F15**	1.40	140
B-0198-**F20**	2.00	200

For Serrated Hose End

To order:
Select flow desired, then add suffix to model number.

Ex.: B-0198-**F03** for 0.25 GPM

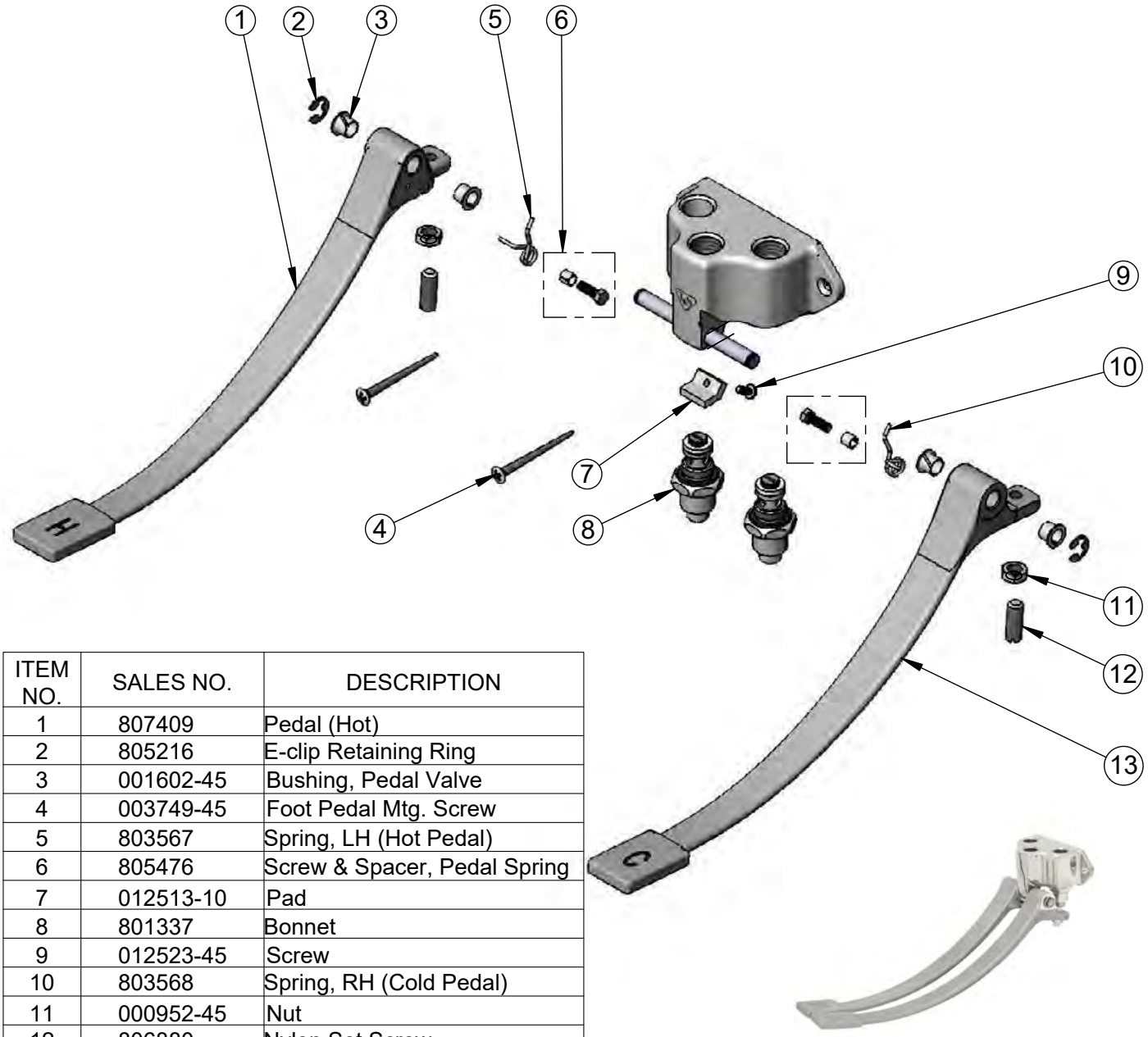
804700 Garden Hose Outlet

- 3/8" NPSM male x 3/4" male garden hose thread adapter



T&S RELIABILITY BUILT IN™

B-0504 DOUBLE PEDAL VALVE ASSEMBLY



ITEM NO.	SALES NO.	DESCRIPTION
1	807409	Pedal (Hot)
2	805216	E-clip Retaining Ring
3	001602-45	Bushing, Pedal Valve
4	003749-45	Foot Pedal Mtg. Screw
5	803567	Spring, LH (Hot Pedal)
6	805476	Screw & Spacer, Pedal Spring
7	012513-10	Pad
8	801337	Bonnet
9	012523-45	Screw
10	803568	Spring, RH (Cold Pedal)
11	000952-45	Nut
12	806880	Nylon Set Screw
13	807410	Pedal (Cold)

NOTES: _____

B-0475 KNEE ACTION VALVE



ITEM NO.	SALES NO.	DESCRIPTION
1	806881	Knee Stirrup
2	806880	Nylon Set Screw
3	800450	Nut
4	808888	Cantilever
5	001786	Bonnet Assembly
6	806882	B-0475 Cam, Cam Bolt & (3) O-Rings
7	807091	O-Ring (1)
8	806883	Cam Bolt
9	806884	Screw
10	801463	Roll Pin
11	806886	Cover Plate
12	806885	Nylon Lock Nut

LAB FAUCETS



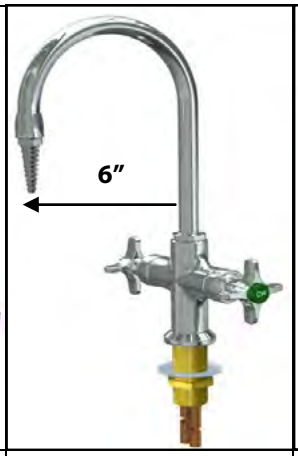
Single Handle GN Faucet with 3/8″ MIP Inlet

607402



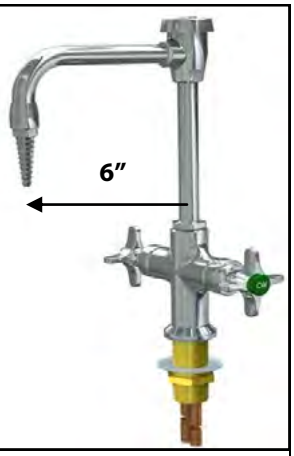
Single Handle GN Faucet with 3/8″ MIP Inlet & Vac. Breaker

607400



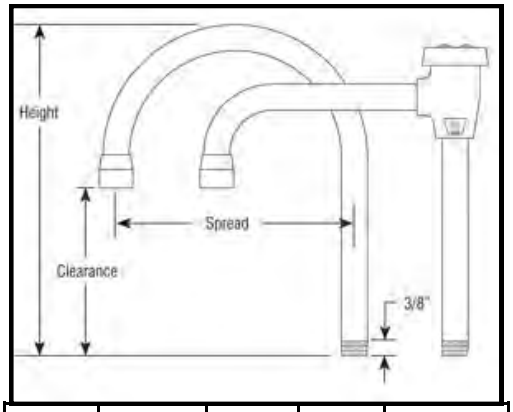
Two Handle GN Faucet with 3/8″ Copper Lines

607403



Two Handle GN Faucet with w3/8″ Copper Lines & Vac. Breaker

607404



ACS #	Faucet	Spread	Height	Clearance
999999	6″ Rigid GN	6″	8″	3-7/8″
	8″ Rigid GN	8″	8-7/8″	3-7/8″
	9″ Rigid GN	9″	8-7/8″	4-3/4″
	10″ Rigid GN	10″	8-7/8″	4-3/4″
	12″ Rigid GN	12″	8-7/8″	4-3/4″
	6″ Rigid VB GN	6″	7-3/4″	4-1/8″
	8″ Rigid VB GN	8″	7-3/4″	4-1/8″
	9″ Rigid VB GN	9″	7-3/4″	4-1/8″
	10″ Rigid VB GN	10″	7-3/4″	4-1/8″
	12″ Rigid VB GN	12″	7-3/4″	4-1/8″

Hot/Cold Stem Unit ACS# 810143



Hot Index — 808240
Cold Index — 808241

Screw — 804772
Lockwasher — 810166

Four Arm Handle Only 805235

Packing Nut — 810167

O-Ring — 801124

Hot/Cold Stem Assy. for Four Arm Handle w/square broach 807969

Vacuum Breaker Unit for use with faucets listed on this page

3/8″ Vacuum Breaker 410288

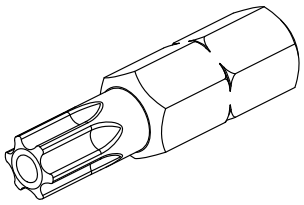
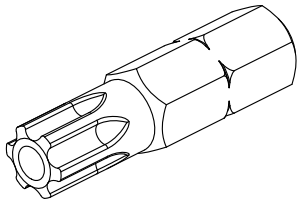
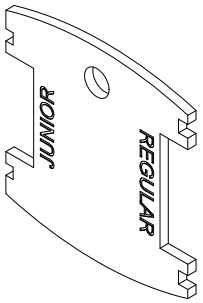
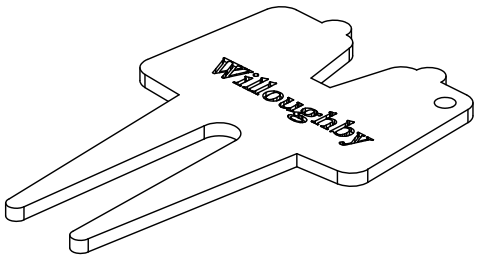
1/2″ Vacuum Breaker 410289

Vacuum Breaker Repair Kit will repair (6) units 402131

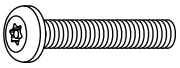
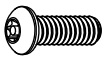
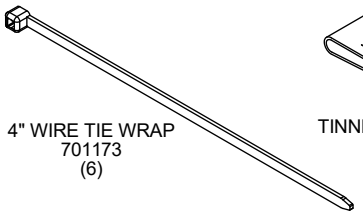
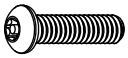
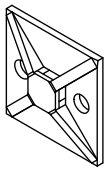
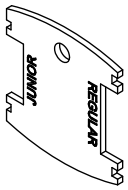
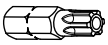
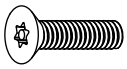
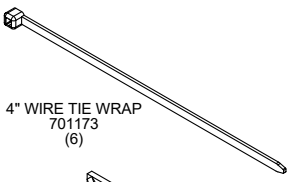
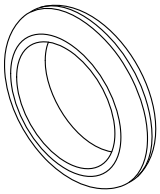
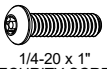
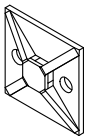
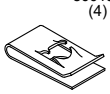
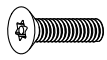
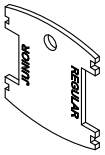
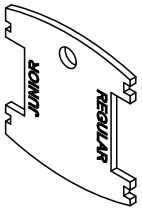
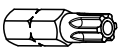
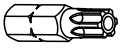


WaterSaver

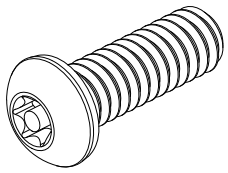
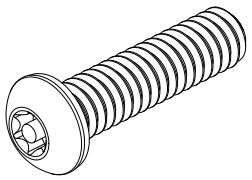
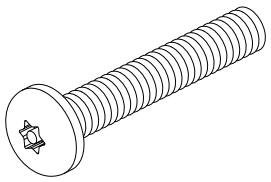
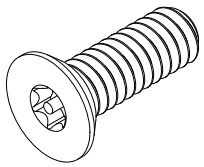
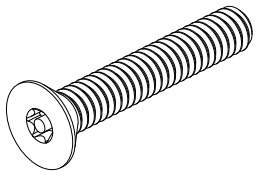
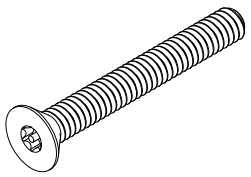
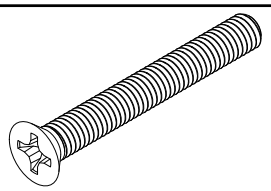
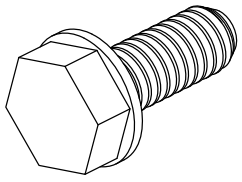
NOTES: _____

P/N & DESCRIPTION	COMPONENT
P/N: 940813 TT27 SECURITY BIT	
P/N: 009017 TT30 SECURITY BIT	
P/N: 817153 UNIVERSAL SECURITY SPANNER	
P/N: SPR SOAP CAP (PLUG) REMOVER TOOL	

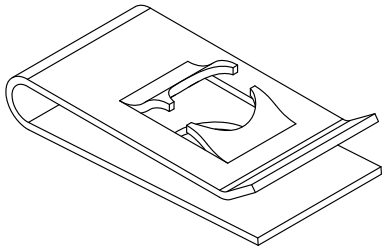
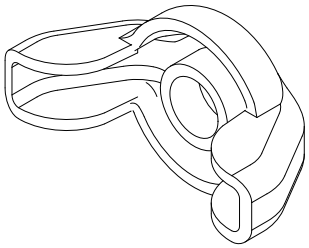
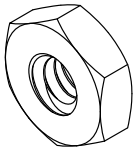
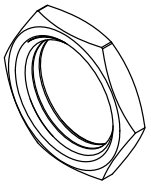
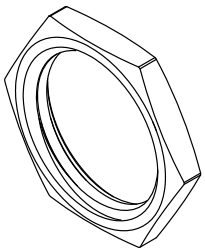
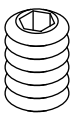
HARDWARE KITS

P/N & DESCRIPTION	KIT
P/N: 817170 HARDWARE KIT, WAV-PEDESTAL	 1/4-20 x 1 1/2" SECURITY SCREW 801713 (6)  1/4-20 x 3/4" SECURITY SCREW 4502SSN (8)  4" WIRE TIE WRAP 701173 (6)  1/4-20 TINNERMAN NUT 817151 (15)  1/4-20 x 1" SECURITY SCREW 817152 (8)  4 WAY WIRE TIE BASE 701206 (4)  SECURITY SPANNER TOOL 817153 (1)  TT30 PINNED TORX BIT (1)  1/4-20 x 1 1/2" SECURITY SCREW (FLAT HEAD) 800127 (5)  TT27 PINNED TORX BIT (1)
P/N: 800168 HARDWARE KIT, WAF-PEDESTAL	 1/4-20 x 3/4" SECURITY SCREW 4502SSN (4)  4" WIRE TIE WRAP 701173 (6)  GROMMET, ϕ2-1/8" 800107 (4)  ALLTHREAD 1/4-20 X 6" 800117 (4)  1/4-20 x 1" SECURITY SCREW 817152 (2)  4 WAY WIRE TIE BASE 701206 (4)  1/4-20 TINNERMAN NUT 817151 (8)  1/4-20 x 1 1/2" SECURITY SCREW (FLAT HEAD) 800127 (2)  TT30 PINNED TORX BIT (1)  SECURITY SPANNER TOOL 817153 (1)  TT27 PINNED TORX BIT (2)  1/4-20 WING NUT 800119 (8)
P/N: 800258 HARDWARE KIT, SPANNER & BITS	 SECURITY SPANNER TOOL 817153 (1)  TT30 PINNED TORX BIT (1)  TT27 PINNED TORX BIT (1)

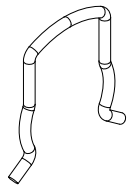
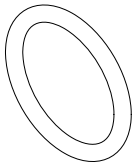
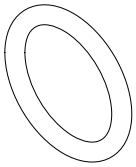
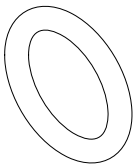
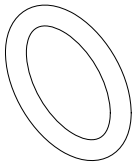
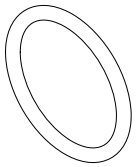
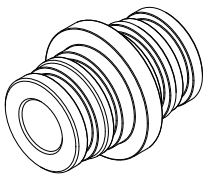
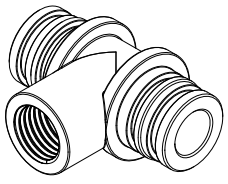
SCREWS

P/N & DESCRIPTION	COMPONENT
P/N: 4502SSN SECURITY SCREW, BUTTON HEAD, 1/4-20 X 3/4"	BIT: TT27 
P/N: 817152 SECURITY SCREW, BUTTON HEAD, 1/4-20 X 1"	BIT: TT27 
P/N: 801713 SECURITY SCREW, BUTTON HEAD, 1/4-20 X 1-1/2"	BIT: TT27 
P/N: 4503SSN SECURITY SCREW, FLAT HEAD, 1/4-20 X 3/4"	BIT: TT27 
P/N: 800127 SECURITY SCREW, FLAT HEAD, 1/4-20 X 1-1/2"	BIT: TT30 
P/N: 4509SSN SECURITY SCREW, FLAT HEAD, 1/4-20 X 2"	BIT: TT30 
P/N: 800131 PHILLIPS SCREW, FLAT HEAD #10-32 X 2-1/2"	
P/N: 817150 HEX SCREW, #10 X 1/2"	

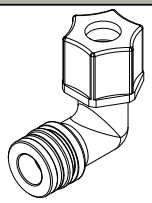
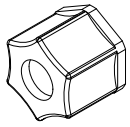
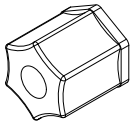
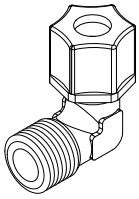
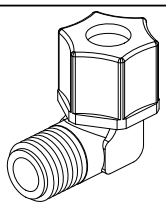
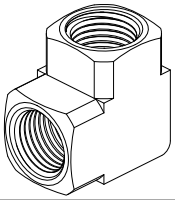
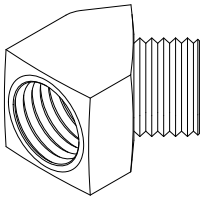
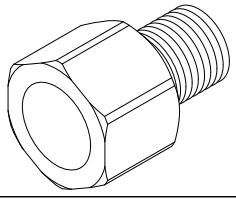
NUTS & FASTENERS

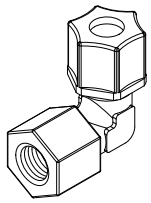
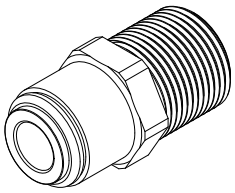
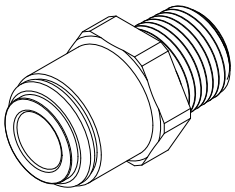
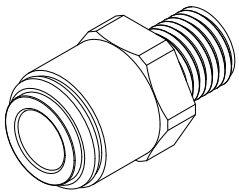
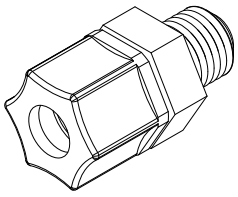
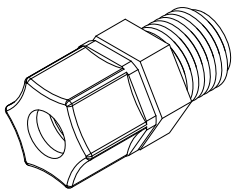
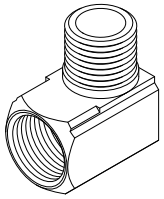
P/N & DESCRIPTION	COMPONENT
P/N: 817151 TINNERMAN CLIP, 1/4-20	
P/N: 800119 WING NUT, 1/4-20	
P/N: 701166 HEX NUT, 10-24	
P/N: 320313 LOCK NUT, BRASS, 3/8" MIP	
P/N: 810468 LOCK NUT, BRASS, 3/4" MPT	
P/N: 810058 SET SCREW, #8-32 X 1/4"	

VALVE HARDWARE: CLIPS, O-RINGS, FITTINGS

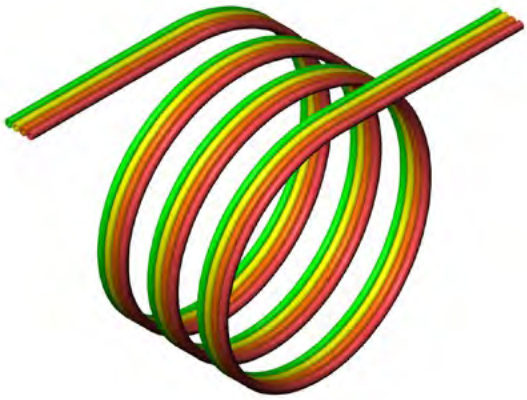
P/N & DESCRIPTION	COMPONENT
P/N: 814210 VALVE SPRING CLIP, ROUND	
P/N: 810751 O-RING, #015	
P/N: 804140 O-RING, #115	
P/N: 804356 O-RING, #111	
P/N: 600129 O-RING, #013	
P/N: 811624 O-RING, #017	
P/N: 814214 VALVE COUPLING	
P/N: 814215 VALVE TEE	

PLUMBING FITTINGS

P/N & DESCRIPTION	COMPONENT
P/N: 980600A VALVE ELBOW, PLASTIC, 3/8" TUBE	
P/N: 320559 FERRULE NUT, NYLON, 3/8" TUBE	
P/N: 320555 FERRULE NUT, NYLON, 1/4" TUBE	
P/N: 810031 ELBOW, FERRULE, NYLON, 3/8" TUBE X 3/8" MPT	
P/N: 809924 ELBOW, FERRULE, NYLON, 3/8" TUBE X 1/4" MPT	
P/N: 320600LF ELBOW, BRASS (LEAD FREE), 1/2" FPT X 1/2" FPT	
P/N: 320581LF ELBOW, 45° BRASS (LEAD FREE), 1/2" NPT STREET	
P/N: 320546 ADAPTER FITTING, BRASS, 1/4" FPT X 1/8" MPT	

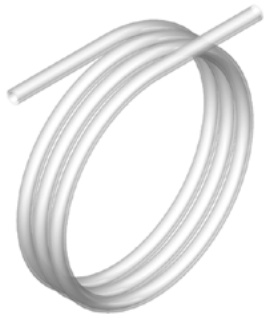
P/N & DESCRIPTION	COMPONENT
P/N: 810309 ELBOW, FERRULE, NYLON, 3/8" TUBE X 1/4" FPT	
P/N: 320440 ADAPTER FITTING, PTC, 3/8" TUBE X 1/2" MPT	
P/N: 320400 ADAPTER FITTING, PTC, 3/8" TUBE X 3/8" MPT	
P/N: 320429 ADAPTER FITTING, PTC, 3/8" TUBE X 1/4" NPT	
P/N: 321010 CONNECTOR, FERRULE, NYLON, 3/8" TUBE X 1/4" MPT	
P/N: 810025 CONNECTOR, FERRULE, NYLON, 3/8" TUBE X 3/8" MPT	
P/N: 810034 ELBOW, BRASS (LEAD FREE), 1/2" NPT STREET	

TUBING

P/N & DESC.	TUBING (PNEUMATIC)
P/N: 809930 Ø1/8" TUBING, PNEUMATIC, BLUE	
P/N: 809926 Ø1/8" TUBING, PNEUMATIC, RED	
P/N: 800035 Ø1/8" TUBING, PNEUMATIC, 4 COLORS EACH (R, O, Y, G)	

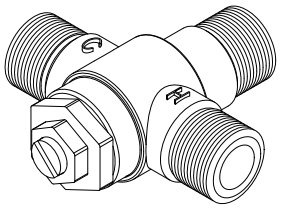
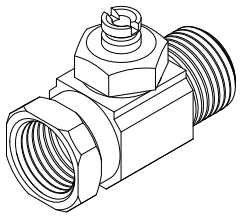
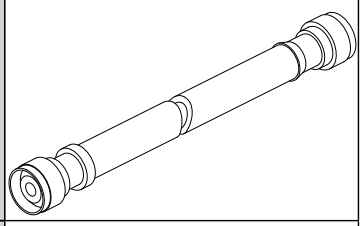
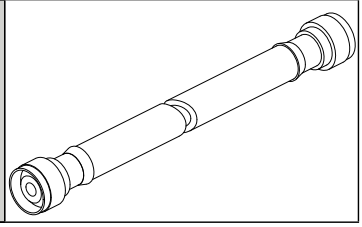
P/N & DESC.	TUBING (WATER)
P/N: 600523 Ø3/8" TUBING, NATURAL (NSF)	
P/N: 600520 Ø3/8" TUBING, BLUE (NSF)	
P/N: 600523BLK Ø3/8" TUBING, BLACK (NSF)	

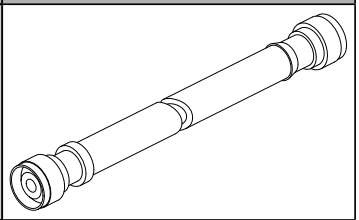
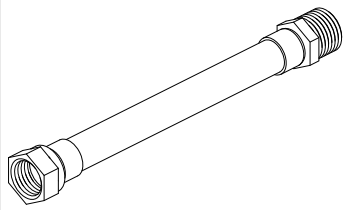
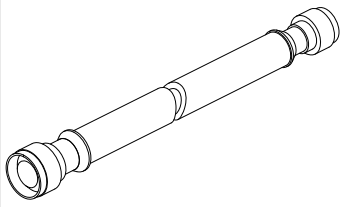
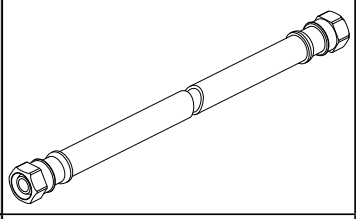
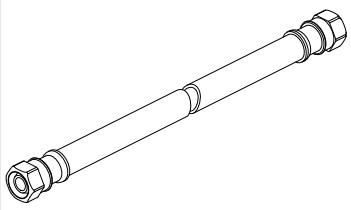
WILLOUGHBY

P/N & DESC.	TUBING (WATER)	P/N & DESC.	TUBING (WATER)
P/N: 600523G Ø3/8" TUBING, GREEN (NSF)		**P/N: 600523V** Ø3/8" TUBING, VIOLET (NSF)	
P/N: 600523O Ø3/8" TUBING, ORANGE (NSF)		**P/N: 600523W** Ø3/8" TUBING, WHITE (NSF)	
P/N: 600523R Ø3/8" TUBING, RED (NSF)		**P/N: 600523Y** Ø3/8" TUBING, YELLOW (NSF)	
P/N: 810707 Ø1/4" TUBING, NATURAL (NSF)		**P/N: 600520** Ø5/8" TUBING, CLEAR (NSF)	

INLINE VALVES & FLEX HOSES

NOTES:

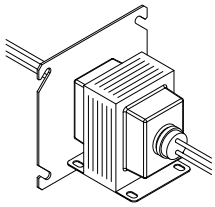
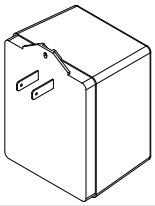
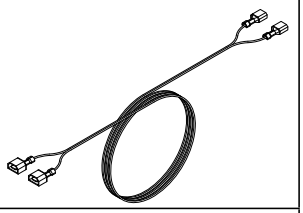
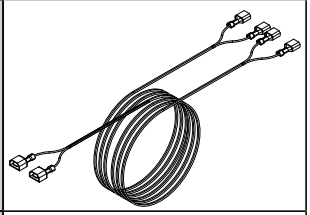
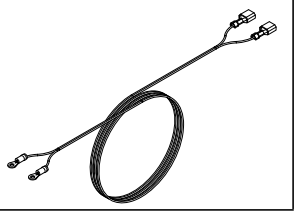
P/N & DESCRIPTION	COMPONENT
P/N: 809491 INLINE THERMOSTATIC MIXING VALVE, POWERS	
P/N: 380259LF INLINE SCREWDRIVER STOP, 1/2" MPT X 1/2" FPT	
P/N: 980506 6" FLEX HOSE, STAINLESS STEEL, 1/2" FIP X 1/2" FIP	
P/N: 980520 20" FLEX HOSE, STAINLESS	

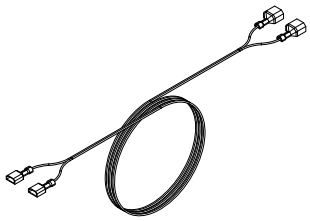
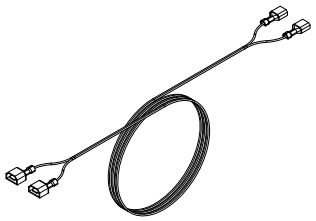
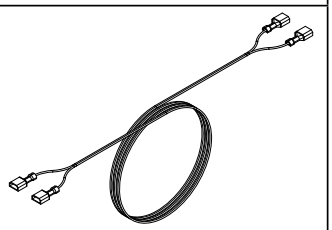
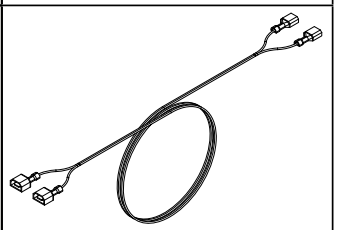
P/N & DESCRIPTION	COMPONENT
P/N: 320512 48" FLEX HOSE, STAINLESS STEEL, 1/2" FIP X 1/2" FIP	
P/N: 810032 20" FLEX HOSE, STAINLESS STEEL, 1/2" FIP X 1/2" MIP	
P/N: 320508SS 20" FLEX HOSE, STAINLESS STEEL, 1/2" FIP X 3/8" FIP	
P/N: 320462SS 20" FLEX HOSE, STAINLESS STEEL, 3/8" FIP X 3/8" FIP	
P/N: 320462SS-48 48" FLEX HOSE, STAINLESS STEEL, 3/8" FIP X 3/8" FIP	

WILLOUGHBY

TRANSFORMERS & WIRING HARNESSES

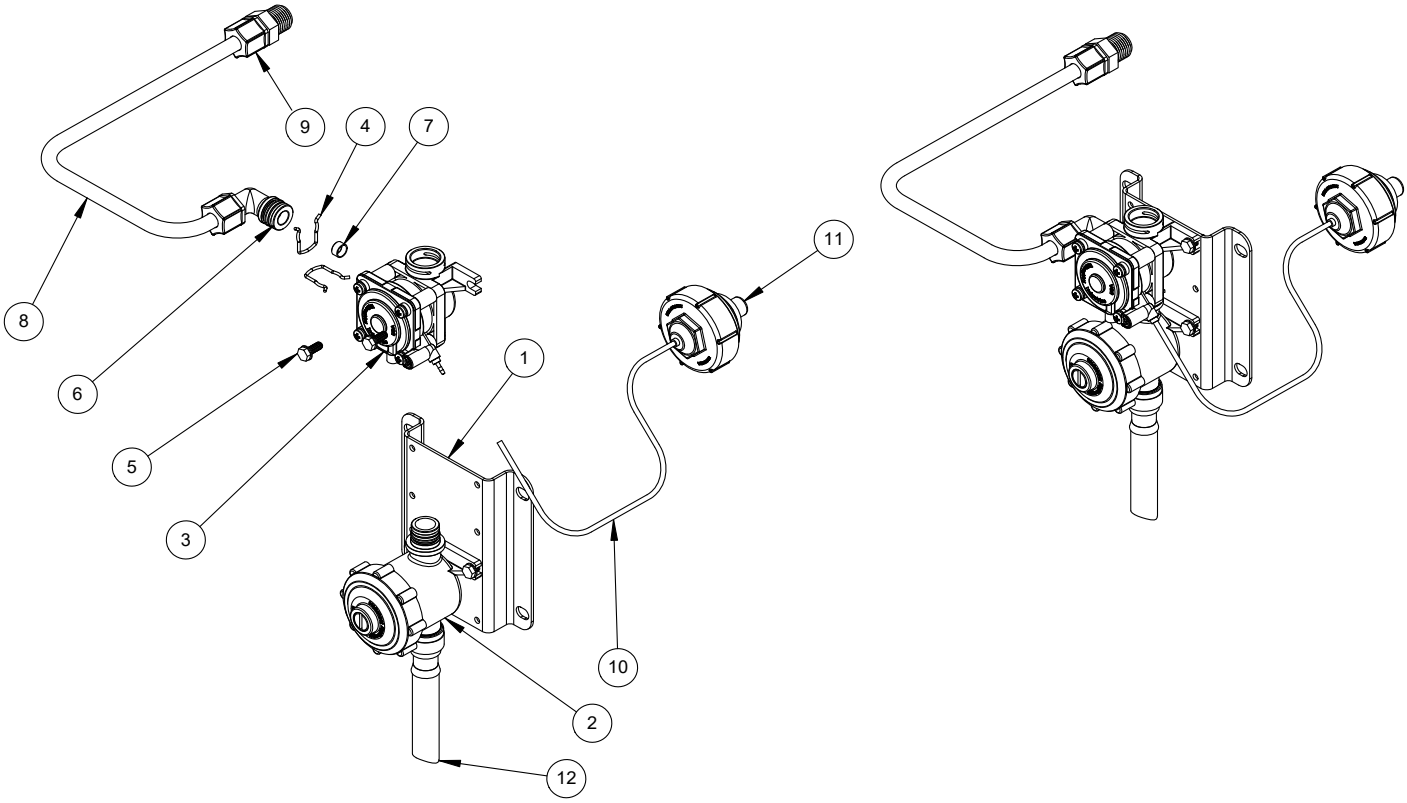
NOTES:

P/N & DESCRIPTION	*COMPONENT*
P/N: 008645 **(TF24H)** HARD-WIRE TRANSFORMER	
P/N: 701210 **(TF24P)** PLUG-IN TRANSFORMER	
P/N: 701403 WIRING HARNESS, SINGLE CONTROLLER (HARD-WIRE TRANSFORMER)	
P/N: 701310-8 WIRING HARNESS, DUAL CONTROLLERS (HARD-WIRE TRANSFORMER)	
P/N: 701310-6 WIRING HARNESS, 1 & 2 CONTROLLERS (PLUG-IN TRANSFORMER)	

P/N & DESCRIPTION	COMPONENT
P/N: 701315 WIRING HARNESS, 8', FEMALE-FEMALE	
P/N: 701316 WIRING HARNESS, 8', MALE-FEMALE	
P/N: 701111-5 WIRING HARNESS, 5' RED, PNEUTRONIC-TO-VALVE	
P/N: 701146-4 WIRING HARNESS, 4' RED, PUSH BUTTON EXTENSION	

WILLOUGHBY

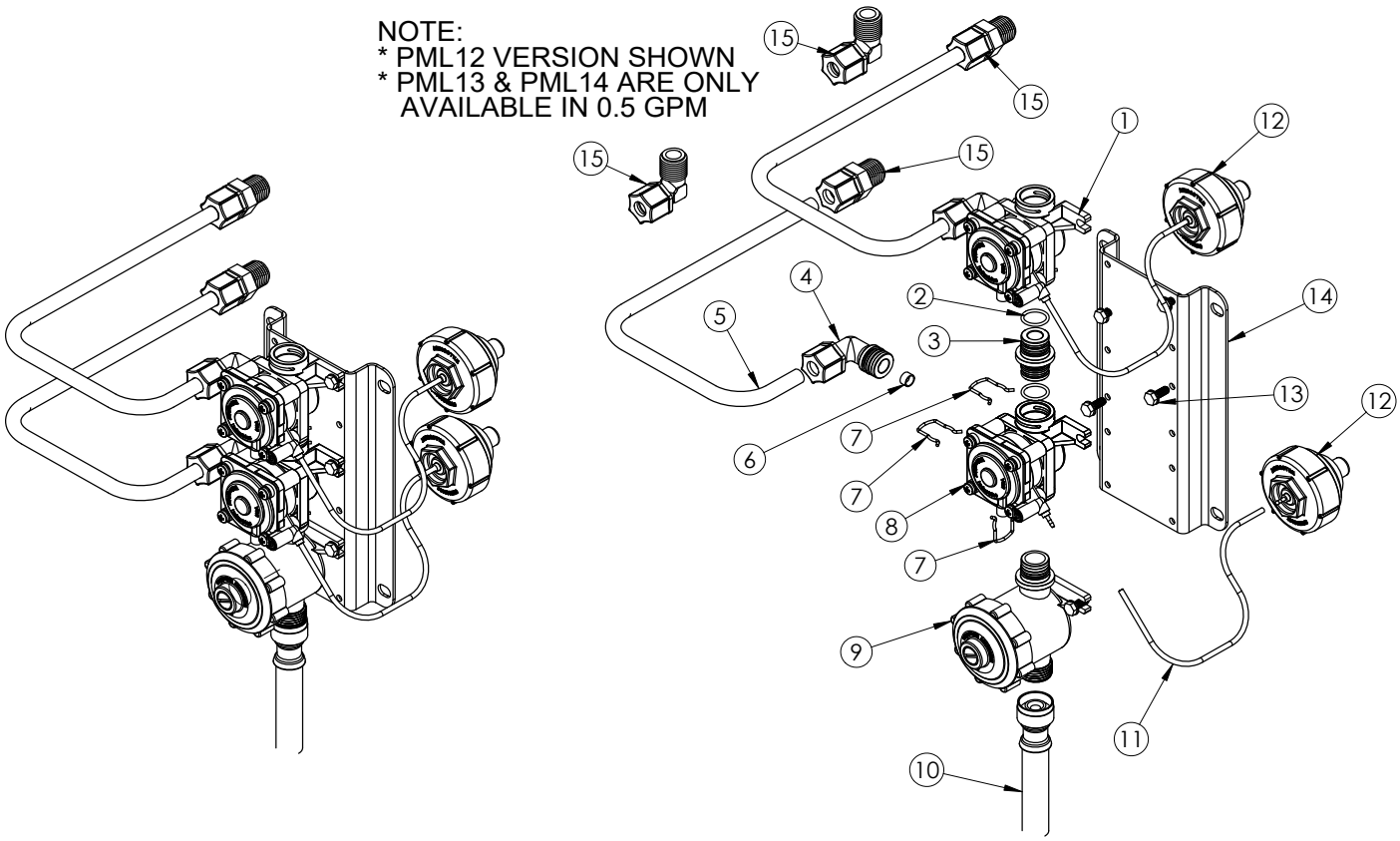
PML1 SINGLE TEMP METERING VALVES



ITEM #	PART NUMBER	DESCRIPTION
1	**810757**	PML11 VALVE MOUNTING BRACKET
2	**810758**	CHECKSTOP ASSEMBLY
3	**810759**	PNEUMATIC VALVE ASSEMBLY, LEFT-PLUGGED PORT
4	**814210**	SPRING CLIP
5	**817150**	#10-16 SELF TAP TYPE B HEX HEAD SCREW
6	**980600A**	VALVE FITTING ASSEMBLY, 3/8" ELBOW
7	**P/N VARIES**	FLOW CONTROL INSERT (VARIES, OPTIONAL ON SOME VALVES)
8	**809925**	FLEXIBLE TUBING, 3/8" (10mm) O.D. (20 FT. TOTAL) (SOLD PER FOOT)
9	**320566**	(OPTIONAL) CONNECTOR, 3/8" TUBE x 3/8" MPT
	810031	(OPTIONAL) ELBOW, 3/8" TUBE x 3/8" MPT
10	**809926**	PNEUMATIC TUBING, 1/16" I.D. x 1/8" O.D. (RED) (SOLD PER FOOT)
11	**P/N VARIES**	PNEUMATIC PUSH BUTTON (VARIES)
12	**980506**	6" STAINLESS STEEL FLEX HOSE
	980520	20" STAINLESS STEEL FLEX HOSE

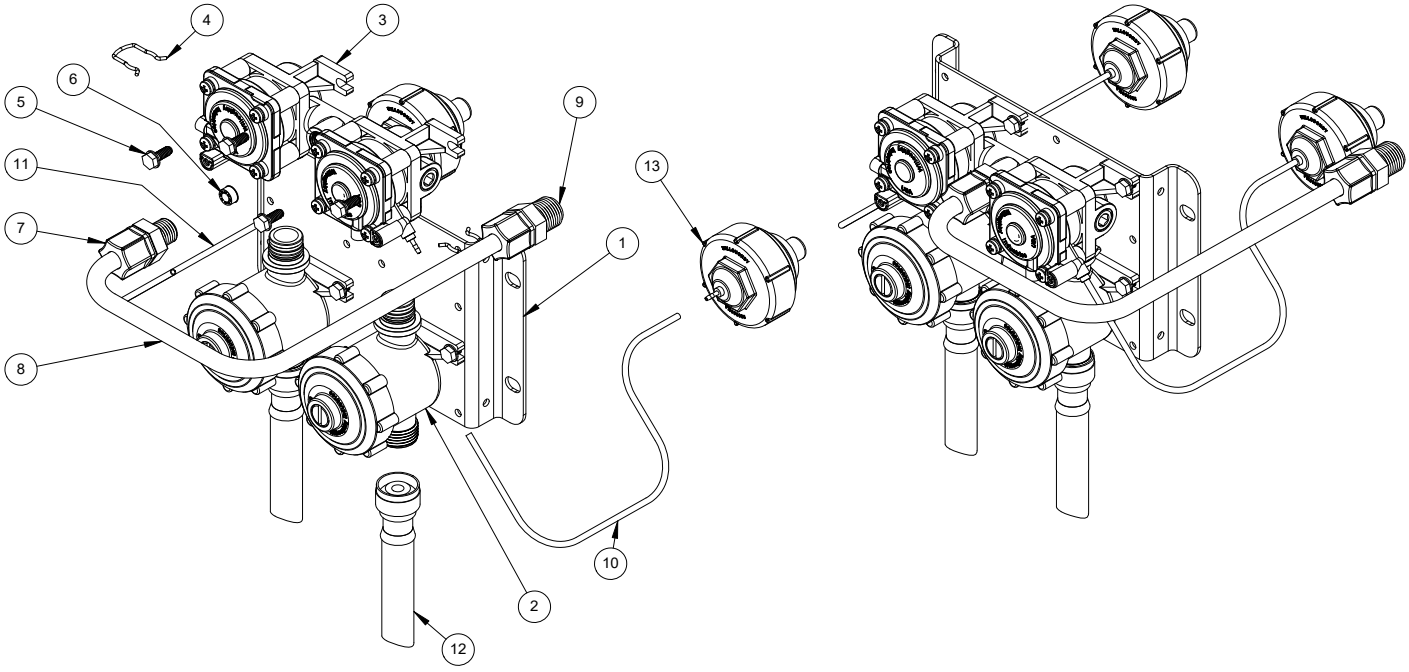
WILLOUGHBY

PML1 SINGLE TEMP METERING VALVES (MANIFOLD)



ITEM #	PART NUMBER	DESCRIPTION
1	**810759**	PNEUMATIC VALVE ASSEMBLY, LEFT-PLUGGED PORT
2	**810751**	'O'-RING, #015
3	**814214**	PLASTIC VALVE COUPLING
4	**980600A**	VALVE FITTING ASSEMBLY, 3/8" ELBOW
5	**809925**	FLEXIBLE TUBING, 3/8" (10mm) O.D. (20 FT. TOTAL) (SOLD PER FOOT)
6	**P/N VARIES**	FLOW CONTROL INSERT (VARIES, OPTIONAL ON SOME VALVES)
7	**814210**	SPRING CLIP
8	**980406L**	PNEUMATIC VALVE ASSEMBLY, LEFT HAND
9	**810758**	CHECKSTOP ASSEMBLY
10	**980506**	6" STAINLESS STEEL FLEX HOSE
	980520	20" STAINLESS STEEL FLEX HOSE
11	**809926**	PNEUMATIC TUBING, 1/16" I.D. x 1/8" O.D. (RED) (SOLD PER FOOT)
12	**P/N VARIES**	PNEUMATIC PUSH BUTTON (VARIES)
13	**817150**	#10-16 SELF TAP TYPE B HEX HEAD SCREW
14	**9805012**	PML12 VALVE MOUNTING BRACKET
	9805013	PML13 VALVE MOUNTING BRACKET
	9805014	PML14 VALVE MOUNTING BRACKET
15	**810025**	(OPTIONAL) CONNECTOR, 3/8" TUBE x 3/8" MPT
	814213	(OPTIONAL) ELBOW, 3/8" TUBE x 3/8" MPT

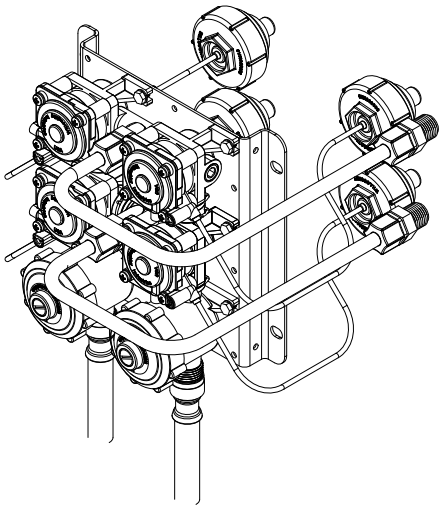
PML2 DUAL TEMP METERING VALVES

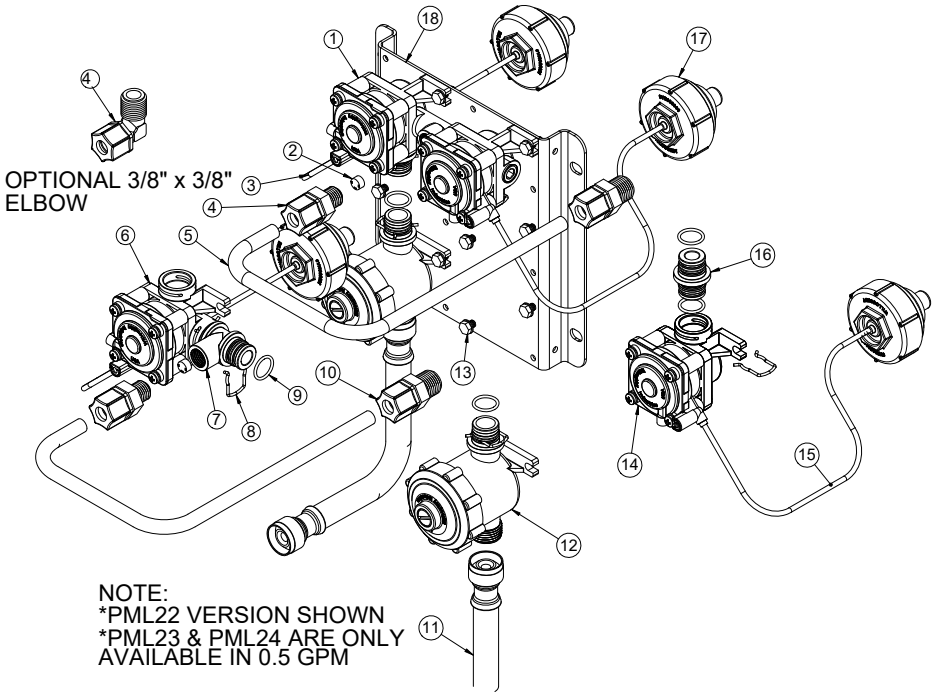


ITEM #	PART NUMBER	DESCRIPTION
1	**980502**	PML21 VALVE MOUNTING BRACKET
2	**810758**	CHECKSTOP ASSEMBLY
3	**813065**	PML2 VALVE ASSEMBLY
4	**814210**	SPRING CLIP
5	**817150**	#10-16 SELF TAP TYPE B HEX HEAD SCREW
6	**P/N VARIES**	FLOW CONTROL INSERT (VARIES, OPTIONAL ON SOME VALVES)
7	**406555**	CONNECTOR, 3/8" TUBE x 1/4" MPT
8	**809925**	FLEXIBLE TUBING 3/8" (10mm) O.D. (20 FT. TOTAL) (SOLD PER FOOT)
9	**810025**	(OPTIONAL) CONNECTOR, 3/8" TUBE x 3/8" MPT
	814213	(OPTIONAL) ELBOW, 3/8" TUBE x 3/8" MPT
10	**809930**	PNEUMATIC TUBING, 1/16" I.D. x 1/8" O.D. (BLUE) (SOLD PER FOOT)
11	**809926**	PNEUMATIC TUBING, 1/16" I.D. x 1/8" O.D. (RED) (SOLD PER FOOT)
12	**980506**	(OPTIONAL) 6" STAINLESS STEEL FLEX HOSE
	980520	(OPTIONAL) 20" STAINLESS STEEL FLEX HOSE
13	**P/N VARIES**	PNEUMATIC PUSH BUTTON (VARIES)

WILLOUGHBY

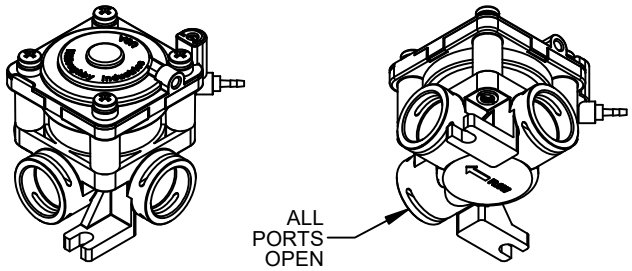
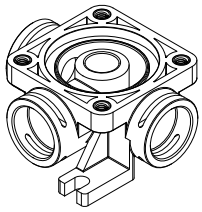
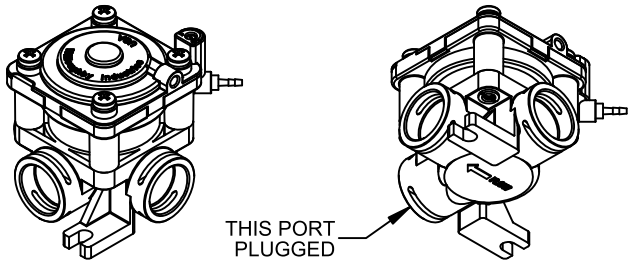
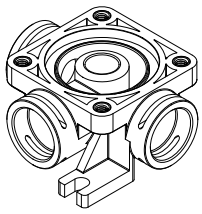
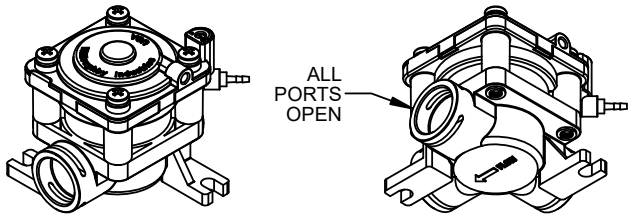
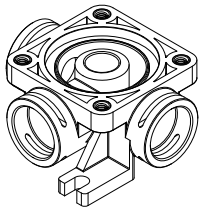
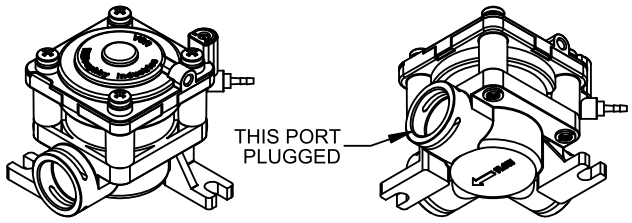
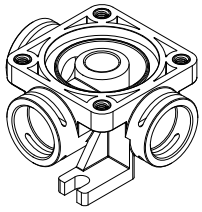
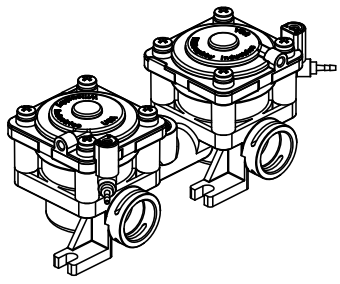
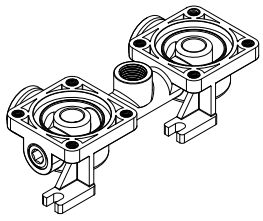
PML2 DUAL TEMP METERING VALVES (MANIFOLD)



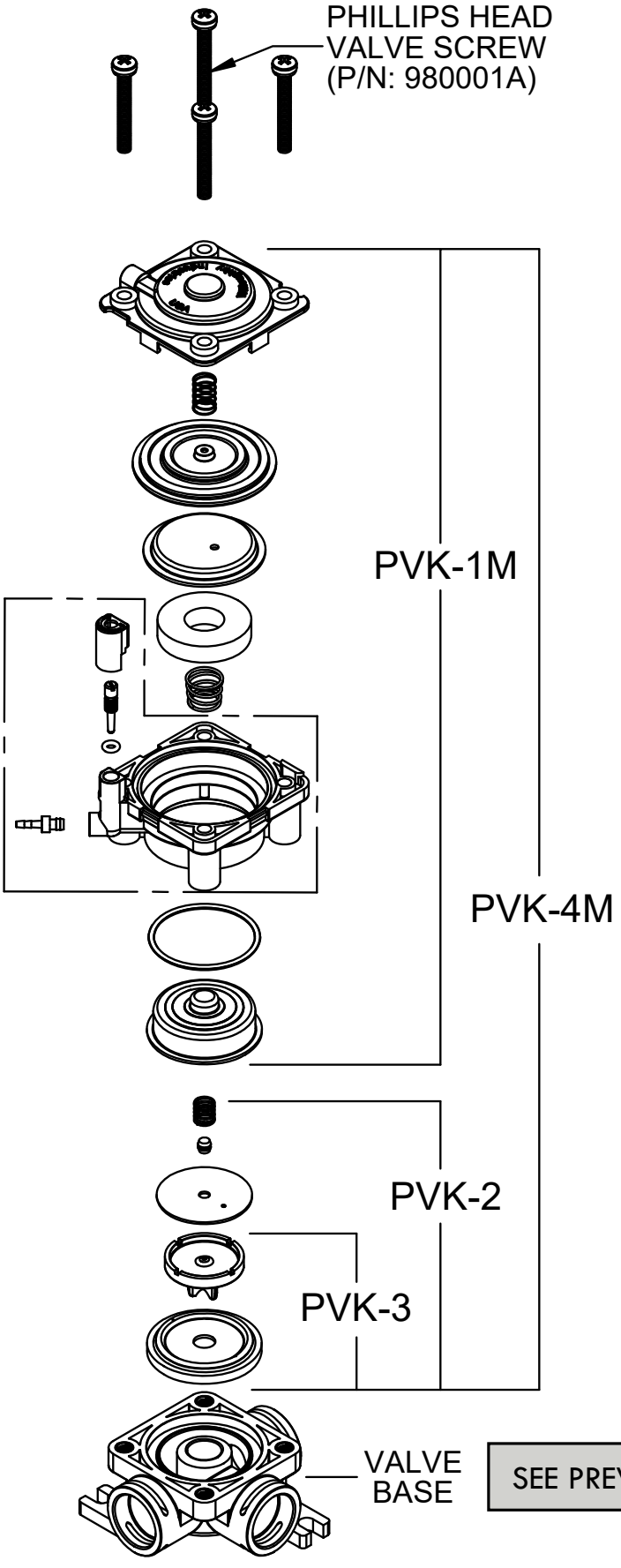


ITEM #	PART NUMBER	DESCRIPTION
1	**813065**	PML2 VALVE ASSEMBLY
2	**P/N VARIES**	FLOW CONTROL INSERT (VARIES, OPTIONAL ON SOME VALVES)
3	**809926**	PNEUMATIC TUBING, 1/16" I.D. (RED) (SOLD PER FOOT)
4	**406555**	CONNECTOR, 3/8" TUBE x 1/4" MPT
5	**809925**	FLEXIBLE TUBING 3/8" (10mm) O.D. (20 FT. TOTAL) (SOLD PER FOOT)
6	**810752**	PNEUMATIC VALVE ASSEMBLY, RIGHT HAND
7	**814215**	PLASTIC VALVE 'T'
8	**814210**	SPRING CLIP
9	**810751**	'O'-RING #015
10	**810025**	(OPTIONAL) CONNECTOR, 3/8" TUBE x 3/8" MPT
	814213	(OPTIONAL) ELBOW, 3/8" TUBE x 3/8" MPT
11	**980506**	(OPTIONAL) 6" STAINLESS STEEL FLEX HOSE
	980520	(OPTIONAL) 20" STAINLESS STEEL FLEX HOSE
12	**810758**	CHECKSTOP ASSEMBLY
13	**817150**	#10-16 SELF TAP TYPE B HEX HEAD SCREW
14	**980406L**	PNEUMATIC VALVE ASSEMBLY, LEFT HAND
15	**809930**	PNEUMATIC TUBING, 1/16" I.D. x 1/8" O.D. (BLUE) (SOLD PER FOOT)
16	**814214**	PLASTIC VALVE COUPLING
17	**P/N VARIES**	PNEUMATIC PUSH BUTTON (VARIES)
18	**814211**	PML22 VALVE MOUNTING BRACKET
	9805023	PML23 VALVE MOUNTING BRACKET
	9805024	PML24 VALVE MOUNTING BRACKET

PML INDIVIDUAL METERING VALVE ASSSEMBLIES

PART NUMBER	VALVE ASSEMBLY	BASE ONLY P/N
P/N: 980406L PML, LEFT HAND		**P/N: 980420** 
P/N: 810759 PML, PLUGGED LEFT PORT		**P/N: 980420L** 
P/N: 810752 PML, RIGHT HAND		**P/N: 980420** 
P/N: 980406PR PML, PLUGGED RIGHT PORT		**P/N: 980422** 
P/N: 813065 PML2, DUAL TEMPERATURE		**P/N: 811049** 

PML VALVE COMPONENTS & KITS (PVKs)



*COMMON TO ALL **PML** VALVES

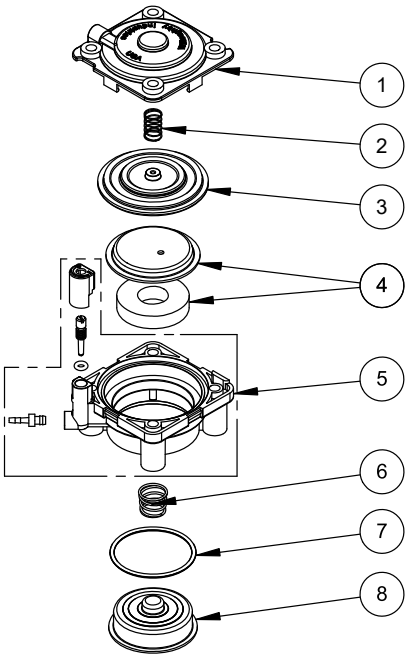
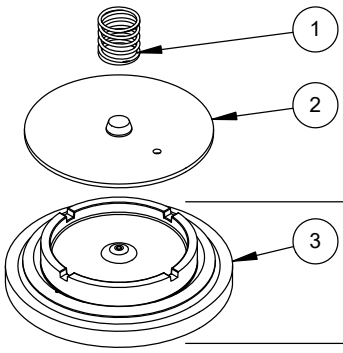
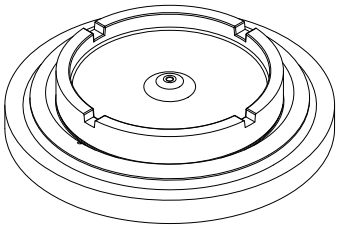
NOTES:

- PARTS LISTED IN **PVK** COMPONENT KITS ARE NOT SOLD INDIVIDUALLY
- **PVK-1M, PVK-2, & PVK-3** PARTS ARE AVAILABLE IN KIT FORM ONLY
- COMPONENT KIT PART NUMBERS ARE LISTED IN THE EXPLODED VIEW,

SEE THE FOLLOWING PAGE FOR DETAILS

SEE PREVIOUS PAGE

PML VALVE COMPONENTS & KITS (PVKs)

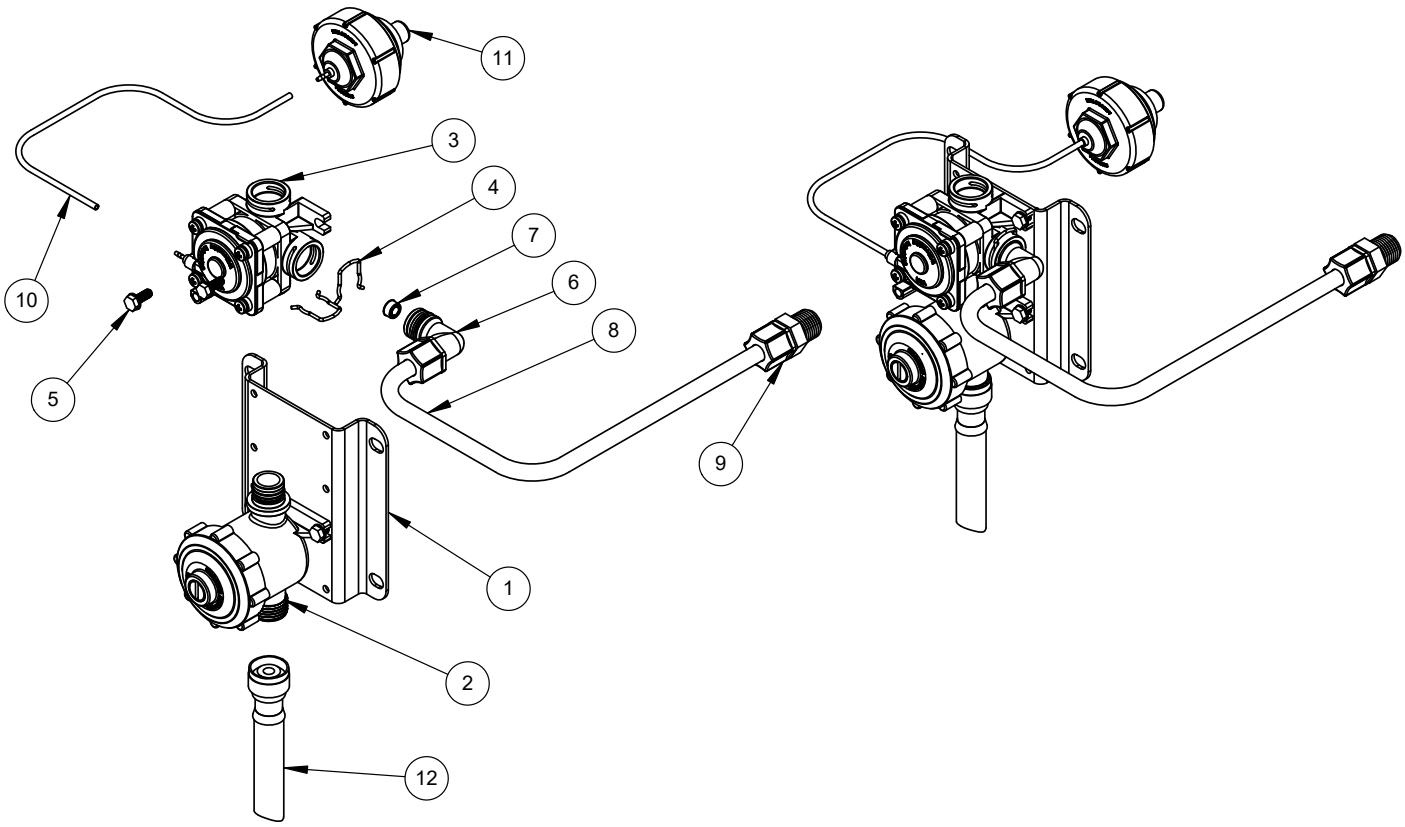
PART NUMBER	VALVE ASSEMBLY
P/N: 920298	COMPLETE PML REBUILD KIT INCLUDES: **804158, 814216, 804143, & 804189**
P/N: 804158 PML AIR-SIDE REBUILD KIT	
P/N: 814216 WATER-SIDE ASSEMBLY KIT	
P/N: 804143 WATER-SIDE DIAPHRAGM	

ITEM #	DESCRIPTION	QTY.
1	AIR SIDE TOP COVER	1
2	AIR SIDE SPRING	1
3	DIAPHRAGM, AIR SIDE, PNEUMATIC METERING VALVE	1
4	METERING VALVE MAGNET/CUP ASSEMBLY	1
5	METERING VALVE BODY ASSEMBLY	1
6	SPRING, AIR SIDE MAGNET	1
7	O-RING M1.5x32 BUNA-70	1
8	BARRIER CUP	1

ITEM #	DESCRIPTION	QTY.
1	SPRING, WATER SIDE DIAPHRAGM	1
2	WATER SIDE DISK ASSEMBLY	1
3	WATER SIDE DIAPHRAGM/ADAPTOR ASSY.	1

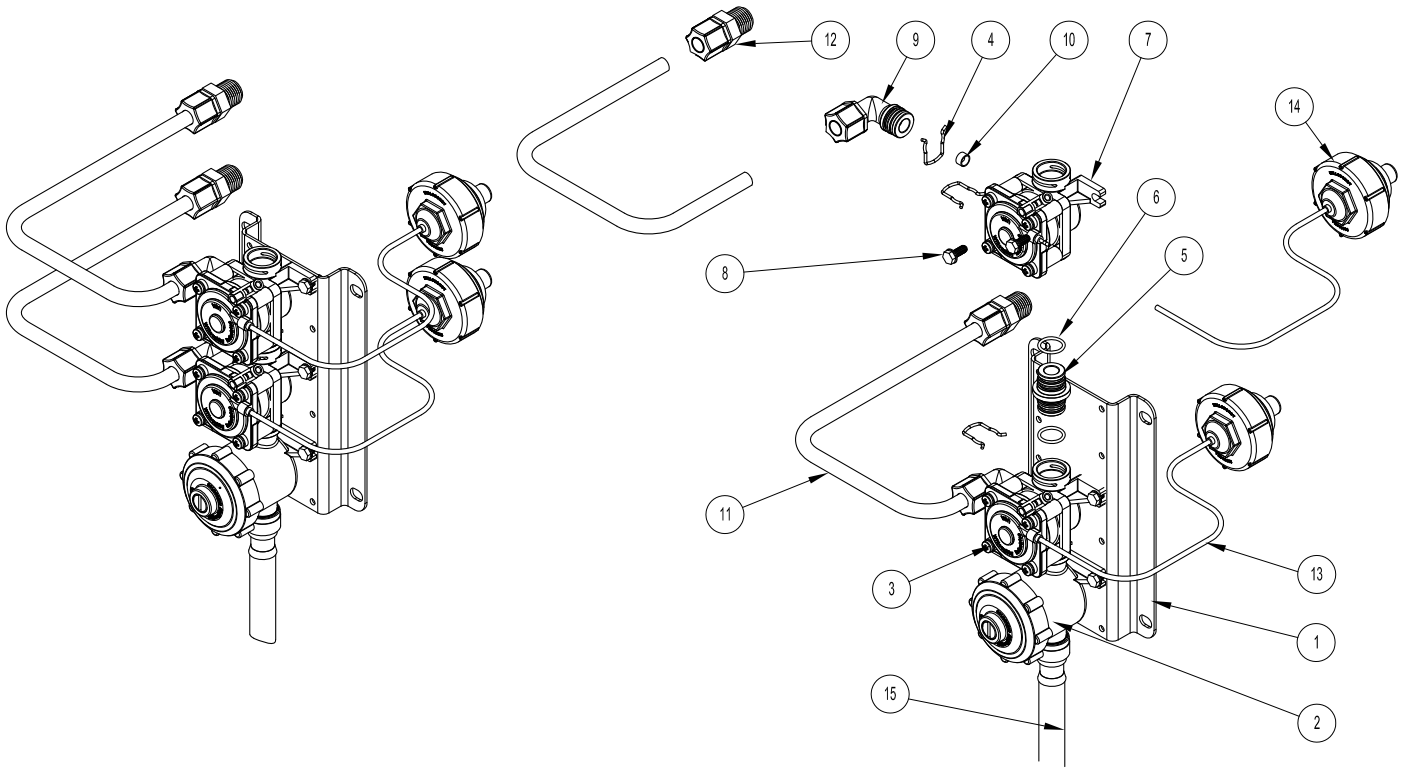
NOTE: **804143** IS INCLUDED IN **814216**

PSL1 SINGLE TEMP NON-METERING VALVES



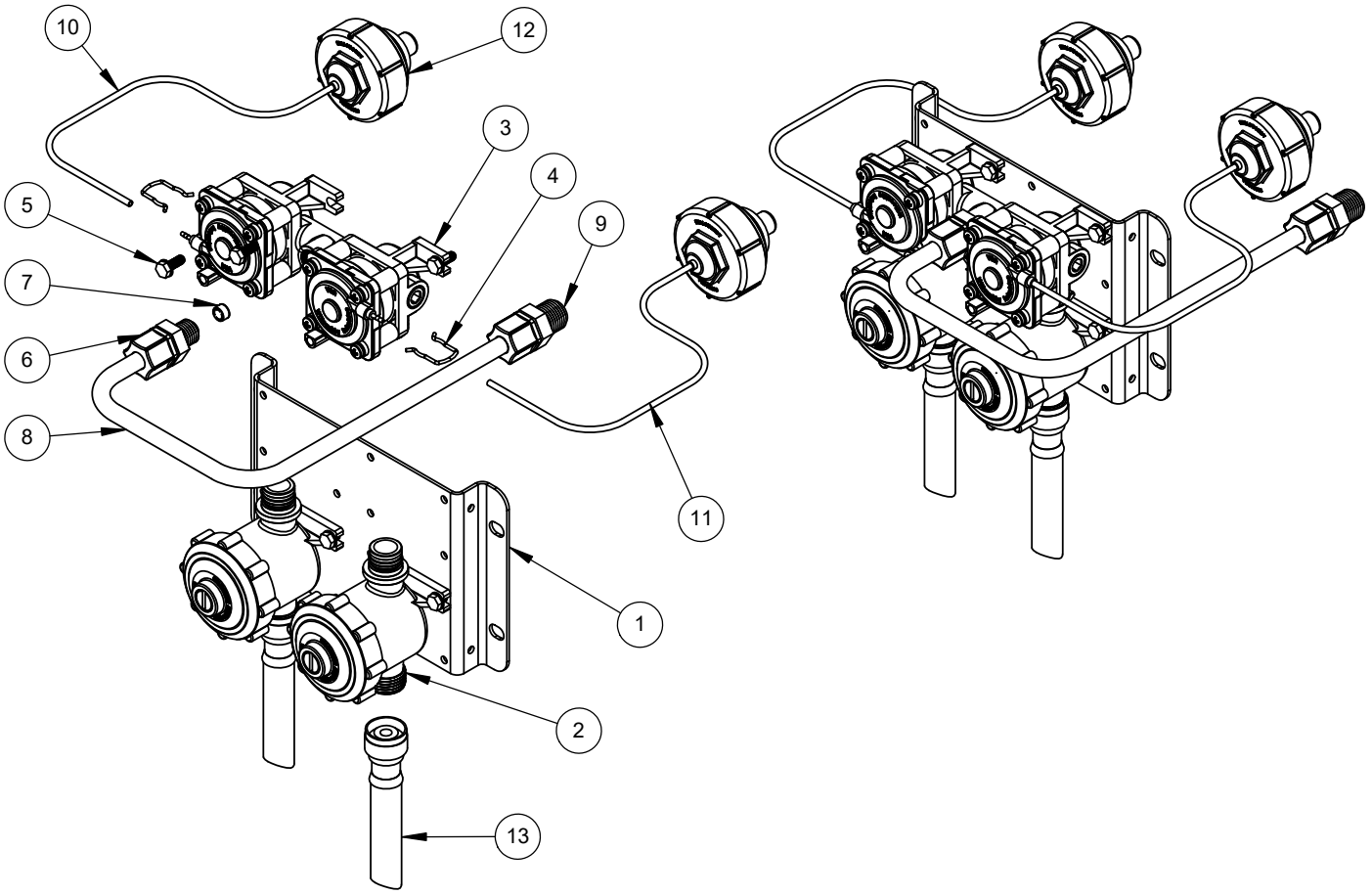
ITEM #	PART NUMBER	DESCRIPTION
1	**810757**	PML11 VALVE MOUNTING BRACKET
2	**810758**	CHECKSTOP ASSEMBLY
3	**980403PL**	PNEUMATIC VALVE ASSEMBLY, LEFT-PLUGGED PORT
4	**814210**	SPRING CLIP
5	**817150**	#10-16 SELF TAP TYPE B HEX HEAD SCREW
6	**980600A**	VALVE FITTING ASSEMBLY, 3/8" ELBOW
7	**P/N VARIES**	FLOW CONTROL INSERT (VARIES, OPTIONAL ON SOME VALVES)
8	**809925**	FLEXIBLE TUBING, 3/8" (10mm) O.D. (20 FT. TOTAL) (SOLD PER FOOT)
9	**810025**	(OPTIONAL) CONNECTOR, 3/8" TUBE x 3/8" MPT
	814213	(OPTIONAL) ELBOW, 3/8" TUBE x 3/8" MPT
10	**809926**	PNEUMATIC TUBING, 1/16" I.D. x 1/8" O.D. (RED) (SOLD PER FOOT)
11	**P/N VARIES**	PNEUMATIC PUSH BUTTON (VARIES)
12	**980506**	6" STAINLESS STEEL FLEX HOSE
	980520	20" STAINLESS STEEL FLEX HOSE

PSL1 SINGLE TEMP NON-METERING (MANIFOLDED)



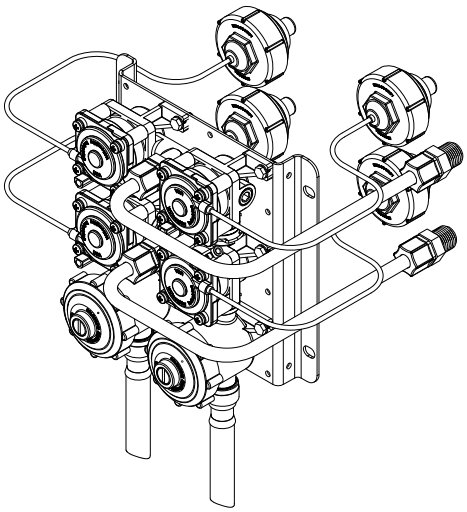
ITEM #	PART NUMBER	DESCRIPTION
1	**9805012**	PML12 VALVE MOUNTING BRACKET
	9805013	PML13 VALVE MOUNTING BRACKET
	9805014	PML14 VALVE MOUNTING BRACKET
2	**810758**	CHECKSTOP ASSEMBLY
3	**980403**	PNEUMATIC SELF-CLOSING VALVE ASSEMBLY
4	**814210**	SPRING CLIP
5	**814214**	PLASTIC VALVE COUPLING
6	**810751**	O-RING, #015
7	**980403PL**	PNEUMATIC SELF-CLOSING VALVE ASSEMBLY- LEFT PLUGGED PORT
8	**817150**	#10-16 SELF TAP TYPE B HEX HEAD SCREW
9	**980600A**	VALVE FITTING ASSEMBLY, 3/8" ELBOW
10	**P/N VARIES**	FLOW CONTROL INSERT (VARIES, OPTIONAL ON SOME VALVES)
11	**809925**	FLEXIBLE TUBING 3/8" OD X 1/4" ID (SOLD PER FOOT)
12	**300566**	(OPTIONAL) CONNECTOR, 3/8" TUBE x 3/8" MPT
	814213	(OPTIONAL) ELBOW, 3/8" TUBE x 3/8" MPT
13	**809926**	PNEUMATIC TUBING 1/16" ID (RED) (SOLD PER FOOT)
14	**P/N VARIES**	PNEUMATIC PUSH BUTTON (VARIES)
15	**980506**	(OPTIONAL) 6" STAINLESS STEEL FLEX HOSE
	980520	(OPTIONAL) 20" STAINLESS STEEL FLEX HOSE

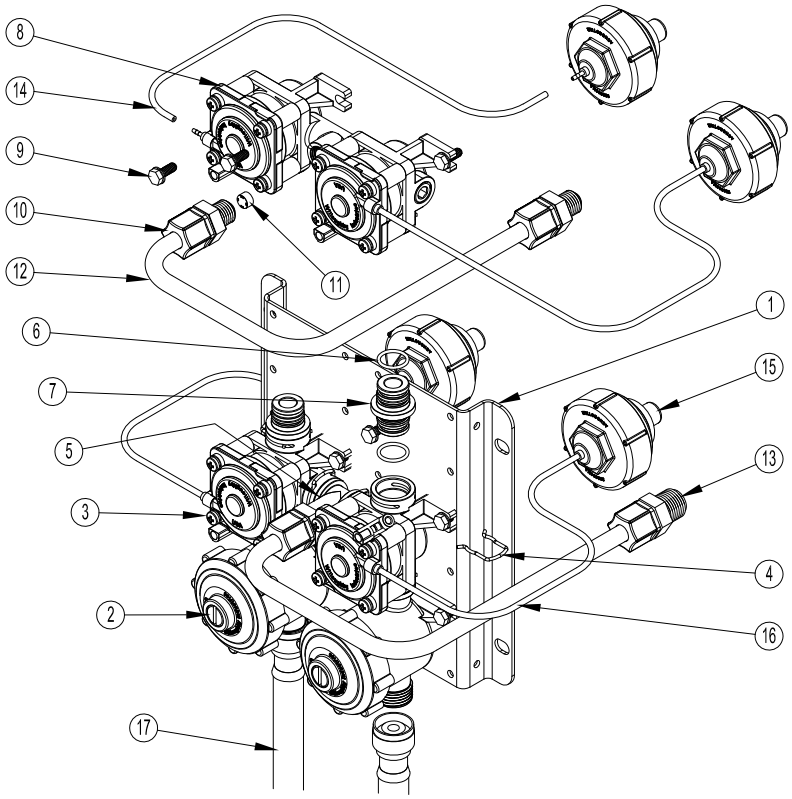
PSL2 DUAL TEMP NON-METERING VALVES



ITEM #	PART NUMBER	DESCRIPTION
1	**814211**	PML21 VALVE MOUNTING BRACKET
2	**810758**	CHECKSTOP ASSEMBLY
3	**819404**	PNEUMATIC SELF-CLOSING VALVE ASSEMBLY- DUAL TEMP
4	**814210**	SPRING CLIP
5	**817150**	#10-16 SELF TAP TYPE B HEX HEAD SCREW
6	**406555**	CONNECTOR, 3/8" TUBE x 1/4" MPT
7	**P/N VARIES**	FLOW CONTROL INSERT (VARIES, OPTIONAL ON SOME VALVES)
8	**809925**	FLEXIBLE TUBING 3/8" (10mm) O.D. (20 FT. TOTAL) (SOLD PER FOOT)
9	**810025**	(OPTIONAL) CONNECTOR, 3/8" TUBE x 3/8" MPT
	814213	(OPTIONAL) ELBOW, 3/8" TUBE x 3/8" MPT
10	**809926**	PNEUMATIC TUBING, 1/16" I.D. x 1/8" O.D. (RED) (SOLD PER FOOT)
11	**809930**	PNEUMATIC TUBING, 1/16" I.D. x 1/8" O.D. (BLUE) (SOLD PER FOOT)
12	**P/N VARIES**	PNEUMATIC PUSH BUTTON (VARIES)
13	**980506**	(OPTIONAL) 6" STAINLESS STEEL FLEX HOSE
	980520	(OPTIONAL) 20" STAINLESS STEEL FLEX HOSE

PSL2 DUAL TEMP NON-METERING (MANIFOLDED)

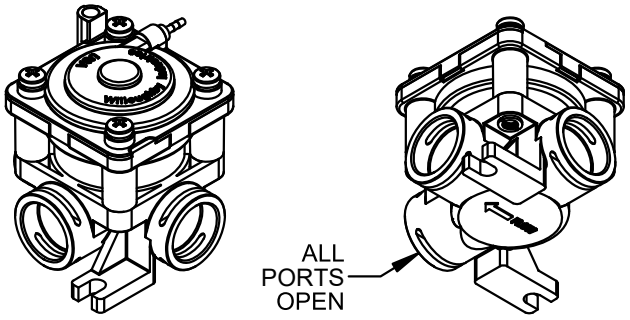
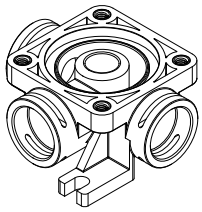
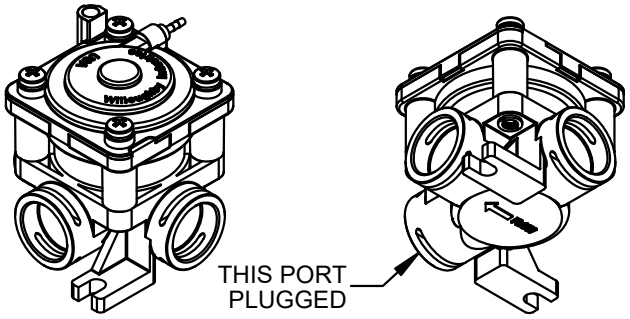
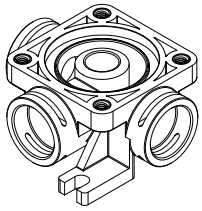
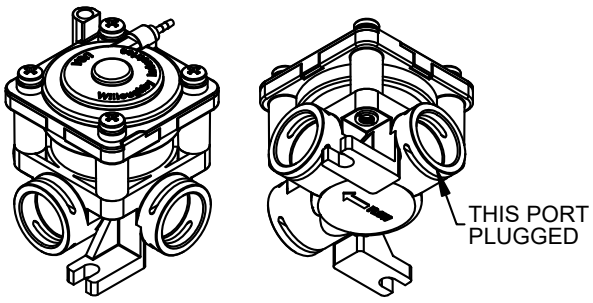
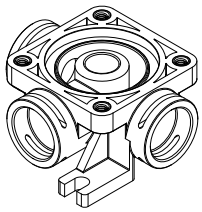
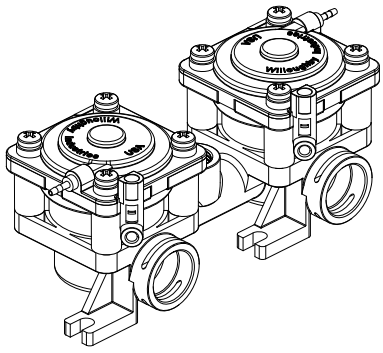
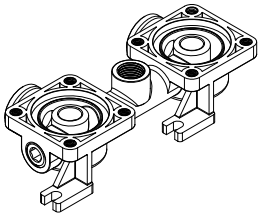




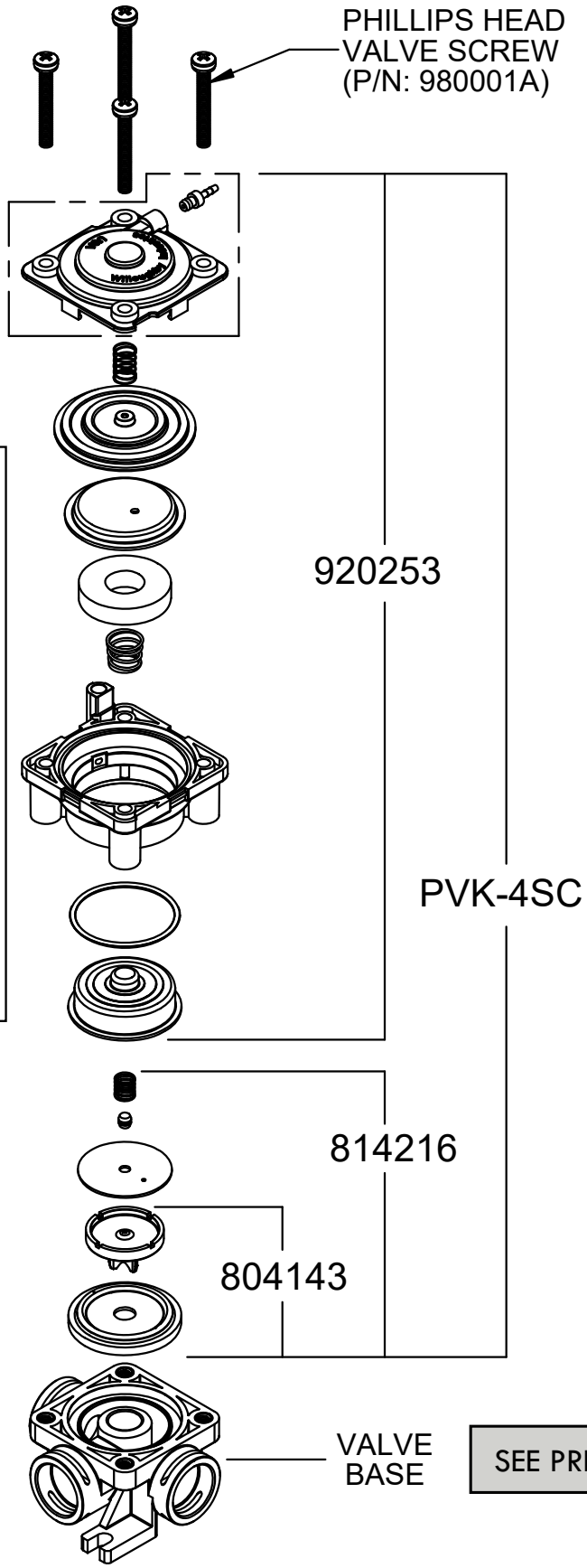
ITEM NO.	PART #	DESCRIPTION
1	**814211**	PML22 VALVE MOUNTING BRACKET
	9805023	PML23 VALVE MOUNTING BRACKET
	9805024	PML24 VALVE MOUNTING BRACKET
2	**810758**	CHECKSTOP ASSEMBLY
3	**980403**	PNEUMATIC SELF-CLOSING VALVE ASSEMBLY
4	**814210**	SPRING CLIP
5	**814215**	PLASTIC VALVE T
6	**810751**	O-RING, #015
7	**814214**	PLASTIC VALVE COUPLING
8	**819904**	PNEUMATIC SELF-CLOSING VALVE ASSEMBLY- DUAL TEMP
9	**817150**	#10-16 SELF TAP TYPE B HEX HEAD SCREW
10	**406555**	3/8" TUBE x 1/4" MPT CONNECTOR
11	**P/N VARIES**	FLOW CONTROL INSERT (VARIES, OPTIONAL ON SOME VALVES)
12	**600523**	FLEXIBLE TUBING 3/8" OD X 1/4" ID (SOLD PER FOOT)
13	**809925**	3/8" x 3/8" MPT CONNECTOR
14	**600475**	PNEUMATIC TUBING 1/16" ID x 1/8" OD (BLUE) (SOLD PER FOOT)
15	**P/N VARIES**	PNEUMATIC PUSH BUTTON (VARIES)
16	**809926**	PNEUMATIC TUBING 1/16" ID (RED) (SOLD PER FOOT)
17	**980506**	(OPTIONAL) 6" STAINLESS STEEL FLEX HOSE
	980520	(OPTIONAL) 20" STAINLESS STEEL FLEX HOSE

WILLOUGHBY

PSL INDIVIDUAL NON-METERING VALVE ASSEMBLIES

PART NUMBER	VALVE ASSEMBLY	BASE ONLY P/N
P/N: 980403 PSL, ALL PORTS OPEN		**P/N: 980420** 
P/N: 980403PL PSL, PLUGGED LEFT PORT		**P/N: 980420L** 
P/N: 980403PR PSL, PLUGGED RIGHT PORT		**P/N: 980420R** 
P/N: 819404 PSL2, DUAL TEMPERATURE		**P/N: 980415** 

PSL VALVE ASSEMBLY COMPONENTS (PVKs)



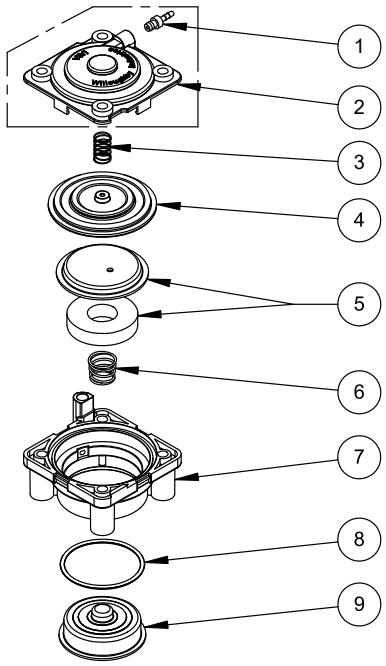
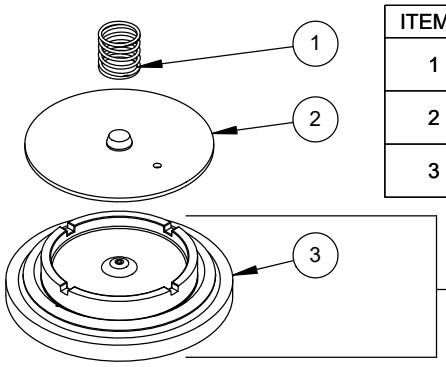
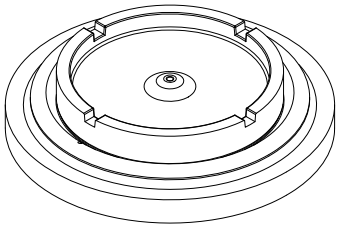
NOTES:

- PARTS LISTED IN **PVK** COMPONENT KITS ARE NOT SOLD INDIVIDUALLY
- **920253, 814216, & 804143** PARTS ARE AVAILABLE IN KIT FORM ONLY
- COMPONENT KIT PART NUMBERS ARE LISTED IN THE EXPLODED VIEW,

SEE THE FOLLOWING PAGE FOR DETAILS

SEE PREVIOUS PAGE

PSL VALVE ASSEMBLY COMPONENETS (PVKs)

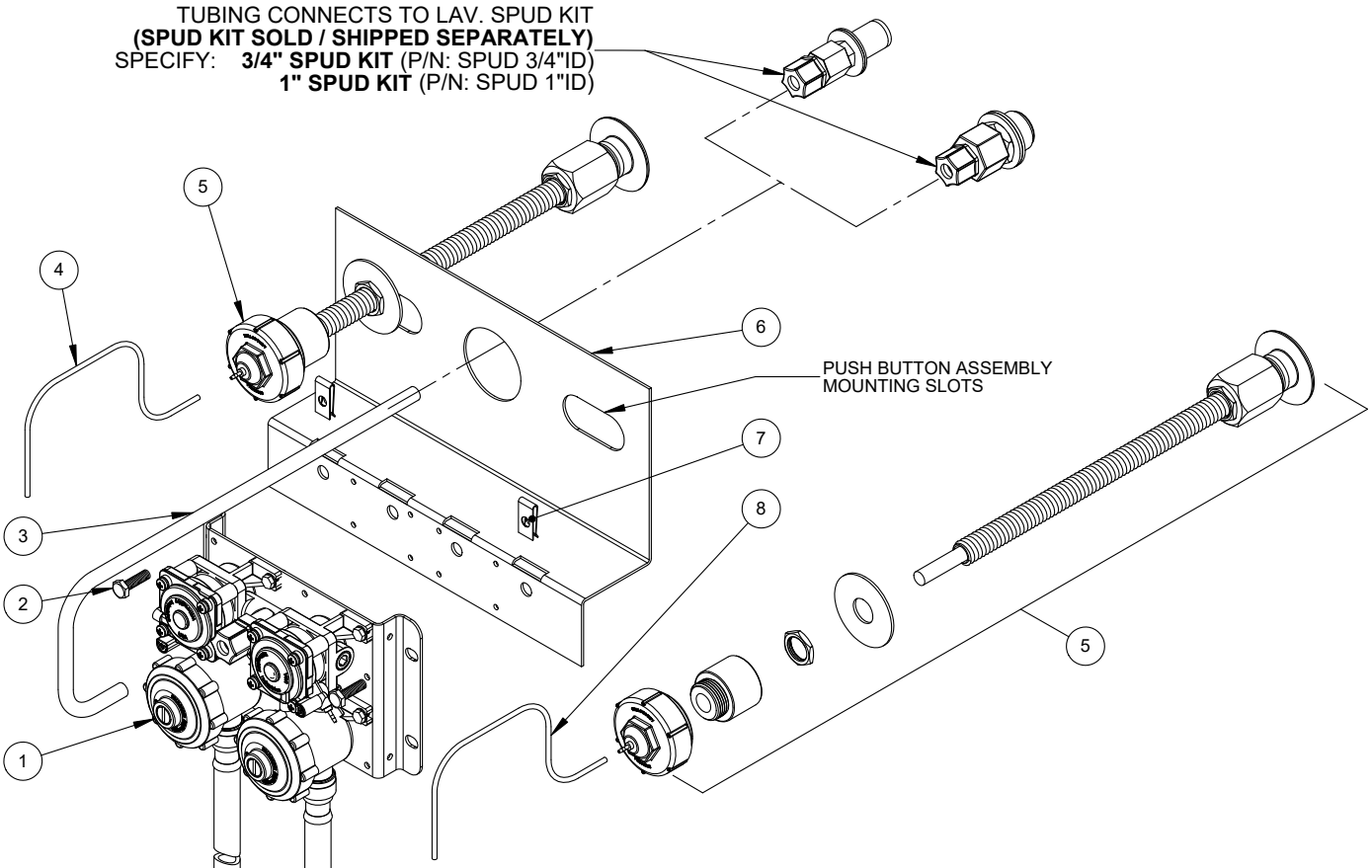
PART NUMBER	VALVE ASSEMBLY
P/N: PVK-4SC	COMPLETE PSL REBUILD KIT INCLUDES: **PVK-1SC, 814216, 804143, & 804189**
P/N: 920253 PSL AIR-SIDE REBUILD KIT	
P/N: 814216 WATER-SIDE ASSEMBLY KIT	
P/N: 804143 WATER-SIDE DIAPHRAGM	

ITEM #	DESCRIPTION	QTY.
1	FITTING, HOSE BARB, PUSH-IN, 1/16" (BRASS)	1
2	AIR SIDE TOP COVER	1
3	AIR SIDE SPRING	1
4	DIAPHRAGM, AIR SIDE, PNEUMATIC METERING VALVE	1
5	METERING VALVE MAGNET/CUP ASSEMBLY	1
6	SPRING, AIR SIDE MAGNET	1
7	BODY, MOLDED WI PNEU. MTRG.	1
8	O-RING M1.5x32 BUNA-70	1
9	BARRIER CUP	1

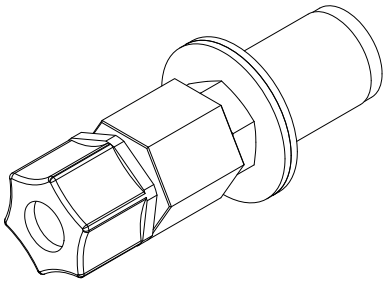
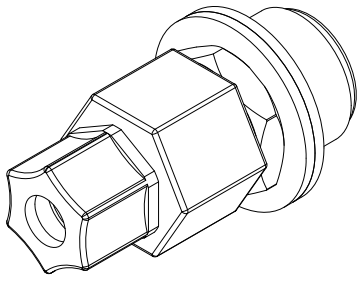
ITEM #	DESCRIPTION	QTY.
1	SPRING, WATER SIDE DIAPHRAGM	1
2	WATER SIDE DISK ASSEMBLY	1
3	WATER SIDE DIAPHRAGM/ADAPTOR ASSY.	1

NOTE: **804143** IS INCLUDED IN **814216**

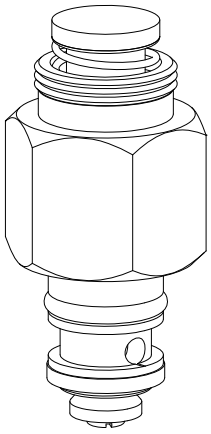
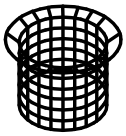
PML2R REPLACEMENT VALVE FOR CHINA LAV.

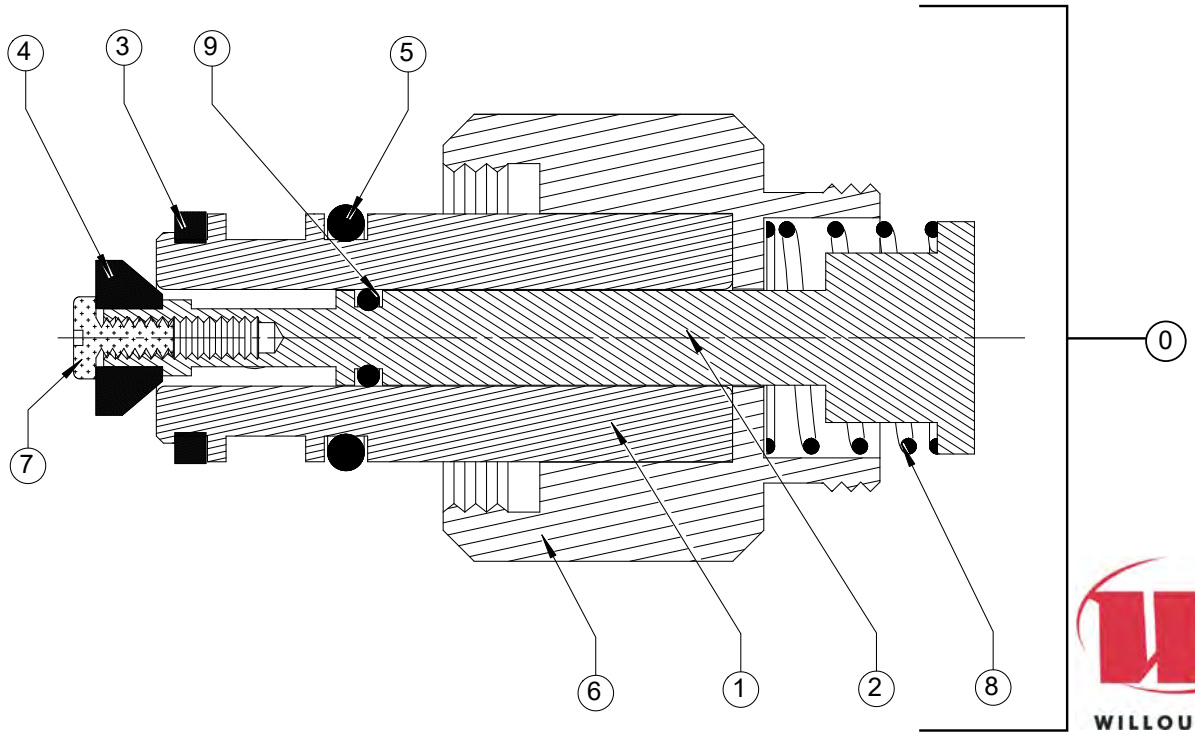


ITEM #	PART #	DESCRIPTION
1	PML2110XXS	VALVE ASSY PNEU. METERING-DUAL TEMP-1.0GPM-LEAD FREE
2	600726	CAP SCREW, ZINC, 1/4-20 X 1"
3	809925	FLEXIBLE TUBING 3/8"OD X 1/4"ID
4	809930	PNEUMATIC TUBING 1/16"ID (BLUE)
5	600381	ASSEMBLY, PUSH BUTTON, CHINA LAVATORY
6	500023	BRACKET, CHINA LAV, 14GA. GALV.
7	817151	TINNERMAN NUT 1/4-20, S/S
8	809926	PNEUMATIC TUBING 1/16"ID (RED)

P/N: SPUD 3/4"ID	P/N: SPUD 1"ID
	

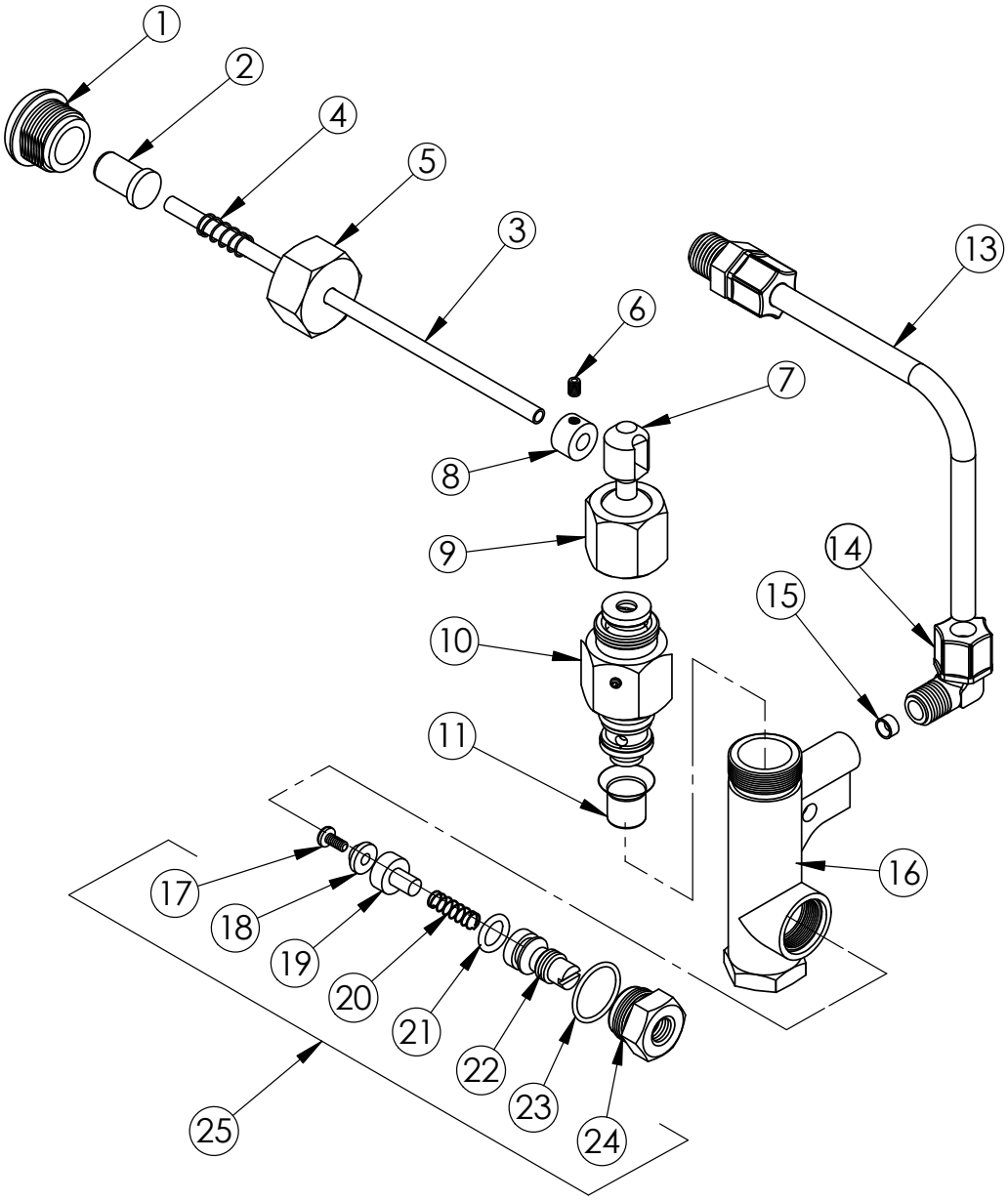
MECHANICAL VALVE REPLACEMENT PARTS

ITEM #	P/N	DESCRIPTION
0	**805174**	SELF-CLOSING MECHANICAL VALVE CARTRIDGE, BRASS FOR REPLACEMENT ONLY **(METERING MECHANICAL VALVE CARTRIDGE IS DISCONTINUED AS OF MAY 2012)** 
N/A	**804347**	MECHANICAL CARTRIDGE STRAINER INSERT 
N/A	**805361**	CARTRIDGE RESEAL KIT **(INCLUDES ITEM #S: 3, 4, 5, 7, 9)**
1	**803678**	INSERT BODY, SELF CLOSING
2	**817214**	BLEEDER STEM
3	**810053**	O-RING, TETRASEAL #77264-R .612 ID X .070 W
4	**810028**	FAUCET WASHER (NSF)
5	**810052**	O-RING 15MM ID x 3MM W
6	**810042**	INTERMEDIATE NUT
7	**810051**	SCREW #6-32 x 1/4" SLOTTED PANHEAD, S/S, #77035-P
8	**810048**	CARTRIDGE RETURN SPRING
9	**810047**	O-RING (#008) #77035-I



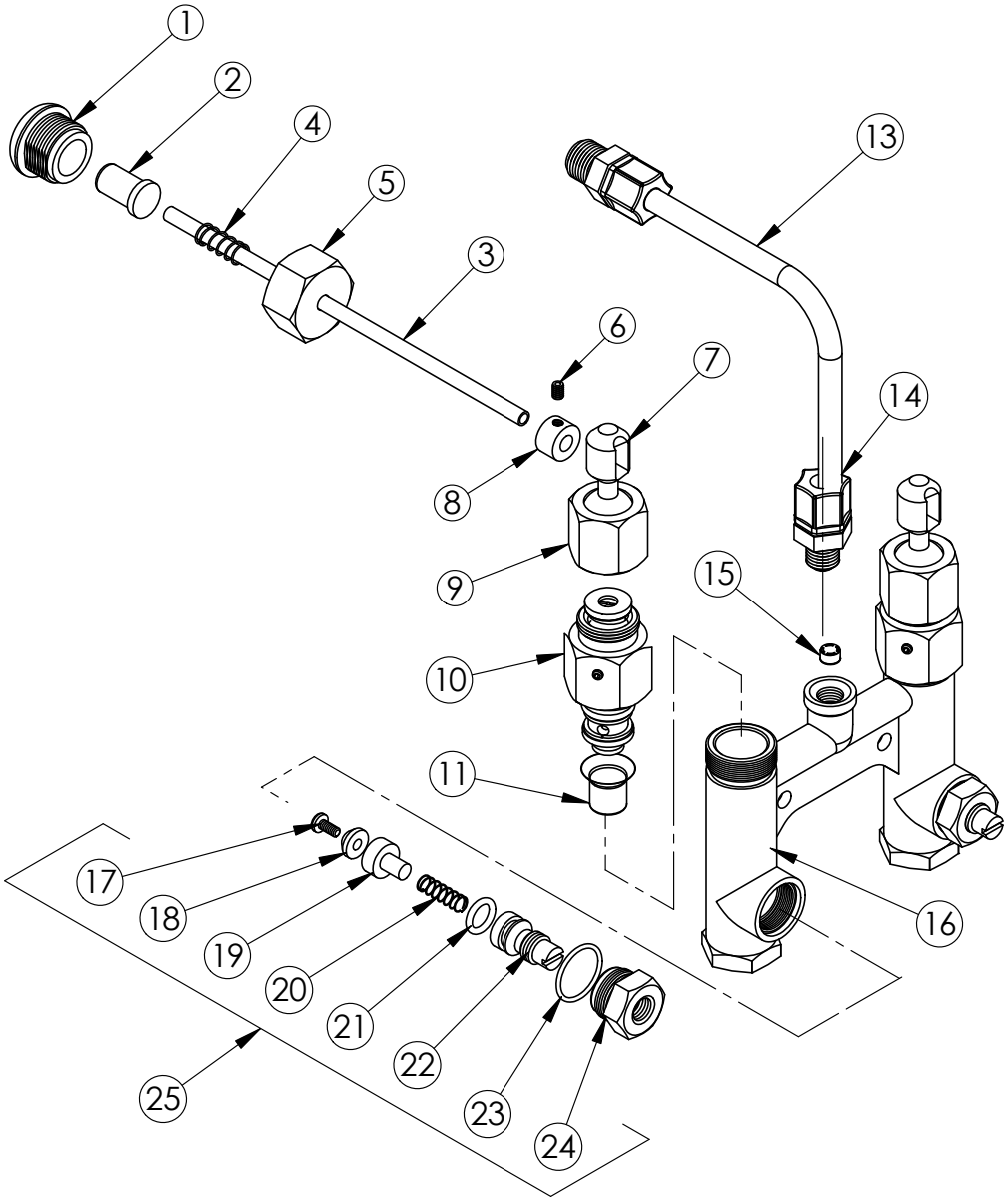
WILLOUGHBY

920039 (WM1B) MECHANICAL METERING SINGLE TEMP



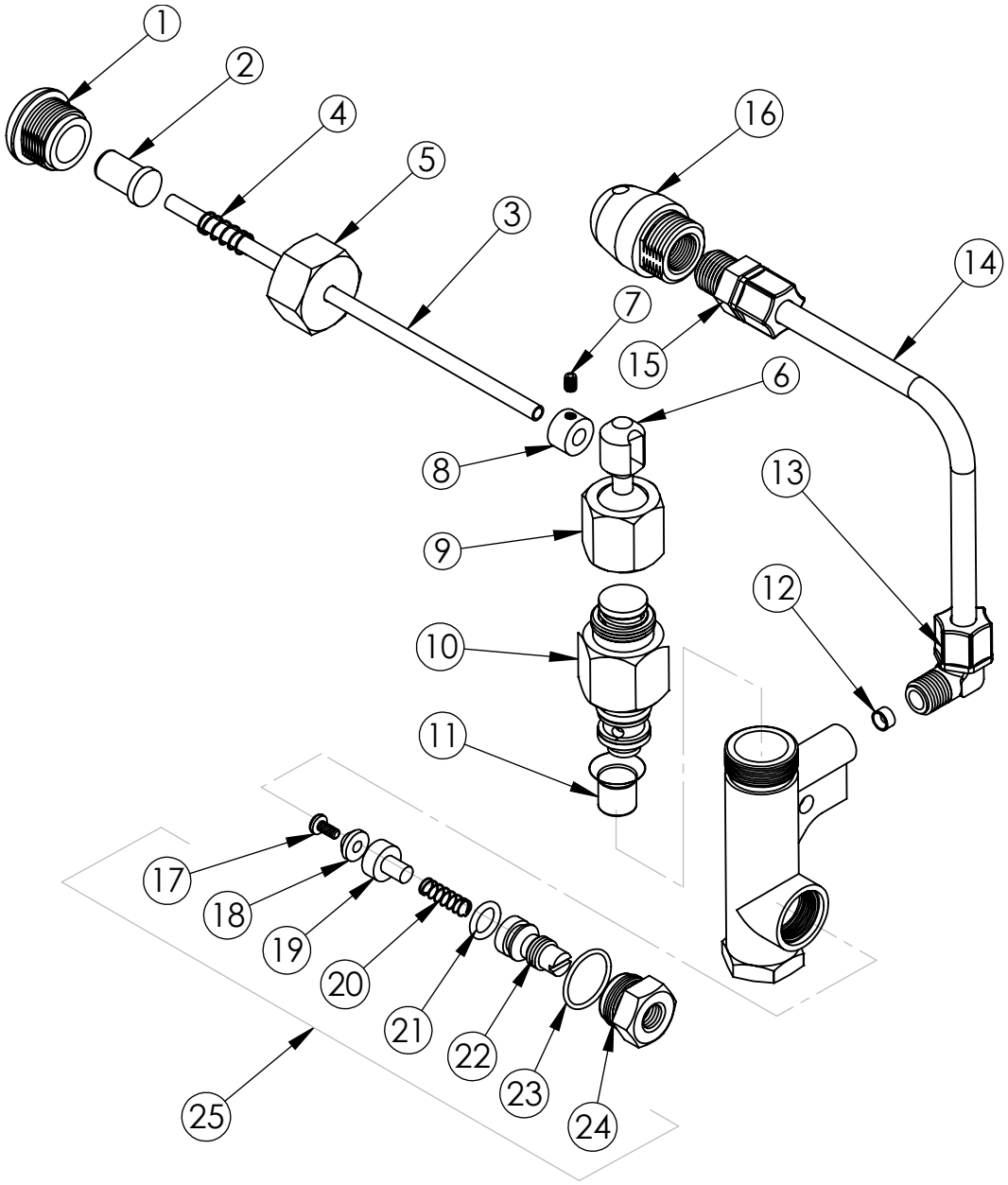
ITEM NO.	PART #	DESCRIPTION	QTY.
1	810000	PUSHBUTTON SLEEVE	1
2	810002	PUSHBUTTON	1
3	115104	PUSHROD (LENGTH=WALL + 6")	1
4	810020	SPRING FOR PUSHROD	1
5	810021	PUSHBUTTON NUT	1
6	810022	SCREW, SOCKET SCREW, S/S, #10-32 X 1/4"	1
7	805173	TOGGLE LEVER, BRASS	1
8	806532	COLLAR 1/4" BRASS SHAFT	1
9	802885	TOGGLE NUT	1
10	N/A	DISCONTINUED METERING CARTRIDGE	1
11	804347	INSERT, STRAINER, T304 S/S (80-MESH)	1
12	810025	3/8" x 3/8" MPT CONNECTOR	1
13	809925	TUBING 3/8 OD X 1/4 ID NATURAL	1
14	809924	ELBOW 3/8" TUBE x 1/4" MPT	1
15	806259	FLOW REGULATOR, 0.5 GPM, RED (MR03)	1
16	810027	VALVE BODY H-CASTING (HALF)	1
17	804353	SCREW #8-32 x 3/8" PANHEAD SLOTTED	1
18	810028	FAUCET WASHER (NSF)	1
19	804352	CHECKSTOP PLUNGER	1
20	804354	SPRING FOR CHECKSTOP	1
21	804356	O-RING (#111) #77035-R .424"ID	1
22	804196	CHECKSTOP STEM	1
23	804344	O-RING (#019)	1
24	804197	CHECKSTOP NUT	1
25	809929	STOP ASSEMBLY	1

920038 (WM2B) MECHANICAL METERING DUAL TEMP



ITEM NO.	PART #	DESCRIPTION
1	810000	PUSHBUTTON SLEEVE
2	810002	PUSHBUTTON
3	115104	PUSHROD (LENGTH=WALL + 6")
4	810020	SPRING FOR PUSHROD
5	810021	PUSHBUTTON NUT
6	810022	SCREW, SOCKET SCREW, S/S, #10-32 X 1/4"
7	805173	TOGGLE LEVER, BRASS
8	806532	COLLAR 1/4" BRASS SHAFT
9	802885	TOGGLE NUT
10	N/A	DISCONTINUED METERING CARTRIDGE
11	804347	INSERT, STRAINER, T304 S/S (80-MESH)
12	810025	3/8" x 3/8" MPT CONNECTOR
13	809925	TUBING 3/8 OD X 1/4 ID NATURAL
14	406555	3/8" TUBE x 1/4" MPT CONNECTOR
15	806259	FLOW REGULATOR, 0.5 GPM, RED (MR03)
16	810027	VALVE BODY H-CASTING
17	804353	SCREW #8-32 x 3/8" PANHEAD SLOTTED
18	810028	FAUCET WASHER (NSF)
19	804352	CHECKSTOP PLUNGER
20	804354	SPRING FOR CHECKSTOP
21	804356	O-RING (#111) #77035-R .424"ID
22	804196	CHECKSTOP STEM
23	804344	O-RING (#019)
24	804197	CHECKSTOP NUT
25	809929	STOP ASSEMBLY

920040 (WSC1B) MECHANICAL SELF-CLOSING SINGLE TEMP

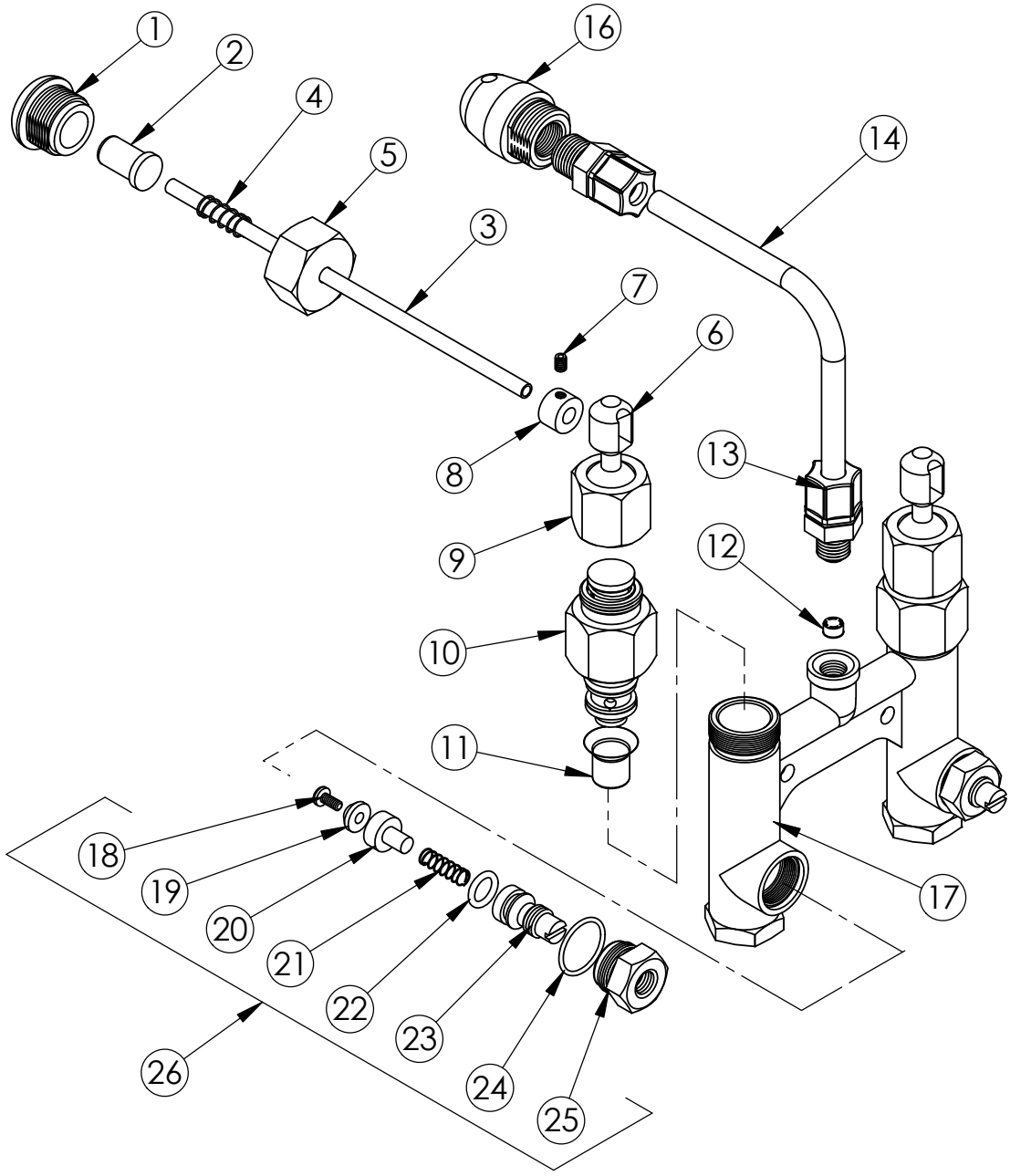


ITEM #	PART #	DESCRIPTION
1	810000	PUSHBUTTON SLEEVE
2	810002	PUSHBUTTON
3	115104	PUSHROD (LENGTH=WALL + 6")
4	810020	SPRING FOR PUSHROD
5	600055	PUSHBUTTON NUT
6	805173	TOGGLE LEVER, BRASS
7	810022	SCREW, SOCKET SCREW, S/S, #10-32 X 1/4"
8	806532	COLLAR 1/4", T4A
9	802885	TOGGLE NUT
10	805174	CARTRIDGE SELF-CLOSING
11	804347	INSERT, STRAINER, T304 S/S (80-MESH)
12	806259	FLOW REGULATOR, 0.5 GPM, RED (MR03)

ITEM #	PART #	DESCRIPTION
13	809924	ELBOW 3/8" TUBE x 1/4" MPT
14	970018	TUBING 3/8 OD X 1/4 ID NATURAL
15	810025	3/8" x 3/8" MPT CONNECTOR
16	801630	(BP) FILLER/BUBBLER
17	804353	SCREW #8-32 x 3/8" PANHEAD SLOTTED
18	810028	FAUCET WASHER (NSF)
19	804352	CHECKSTOP PLUNGER
20	804354	SPRING FOR CHECKSTOP
21	804356	O-RING (#111) #77035-R .424"ID
22	804196	CHECKSTOP STEM
23	804344	O-RING (#019)
24	804197	CHECKSTOP NUT
25	809929	STOP ASSEMBLY

WILLOUGHBY

920014 (WSC2B) MECHANICAL SELF-CLOSING DUAL TEMP



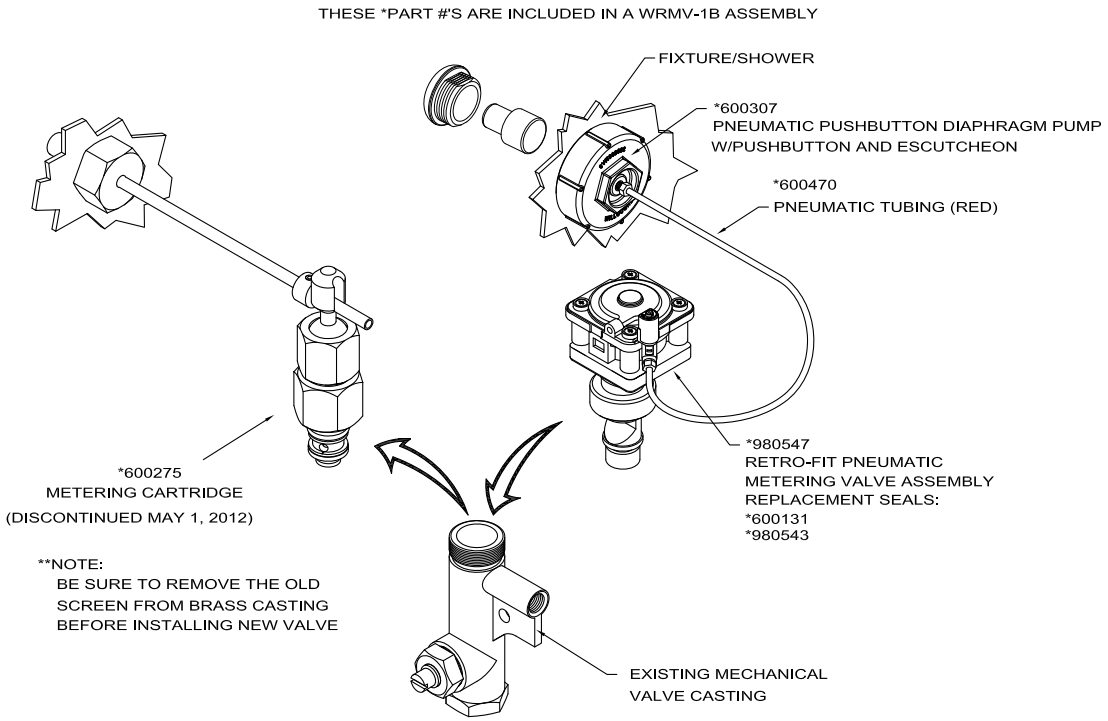
ITEM NO.	PART NUMBER	DESCRIPTION
1	810000	PUSHBUTTON SLEEVE
2	810002	PUSHBUTTON
3	115104	PUSHROD (LENGTH=WALL + 6")
4	810020	SPRING FOR PUSHROD
5	810021	PUSHBUTTON NUT
6	805173	TOGGLE LEVER, BRASS
7	810022	SCREW, SOCKET SCREW, S/S, #10-32 X 1/4"
8	806532	COLLAR 1/4" BRASS SHAFT
9	802885	TOGGLE NUT
10	600276	CARTRIDGE SELF-CLOSING
11	804347	INSERT, STRAINER, T304 S/S (80-MESH)
12	806259	FLOW REGULATOR, 0.5 GPM, RED (MR03)
13	406555	3/8" TUBE x 1/4" MPT CONNECTOR
14	970018	TUBING 3/8 OD X 1/4 ID NATURAL
15	810025	3/8" x 3/8" MPT CONNECTOR
16	801630	(BP) FILLER/BUBBLER
17	810027	VALVE BODY H-CASTING

ITEM NO.	PART NUMBER	DESCRIPTION
18	804353	SCREW #8-32 x 3/8" PANHEAD SLOTTED
19	810028	FAUCET WASHER (NSF)
20	804352	CHECKSTOP PLUNGER
21	804354	SPRING FOR CHECKSTOP
22	804356	O-RING (#111) #77035-R .424"ID
23	804196	CHECKSTOP STEM
24	804344	O-RING (#019)
25	804197	CHECKSTOP NUT
26	809929	STOP ASSEMBLY

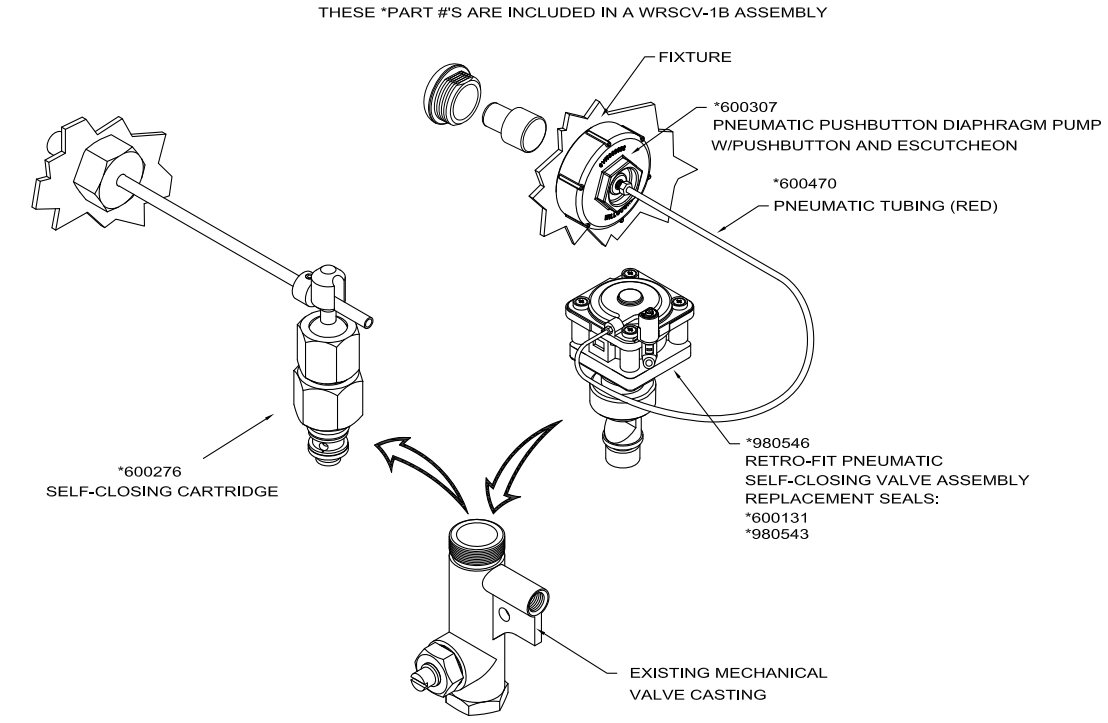
WILLOUGHBY

WASHFOUNTAIN PNEUMATIC VALVE - BRASS

WRMV-1B

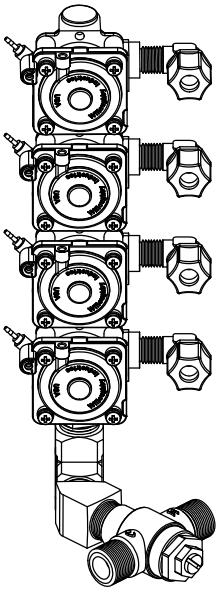


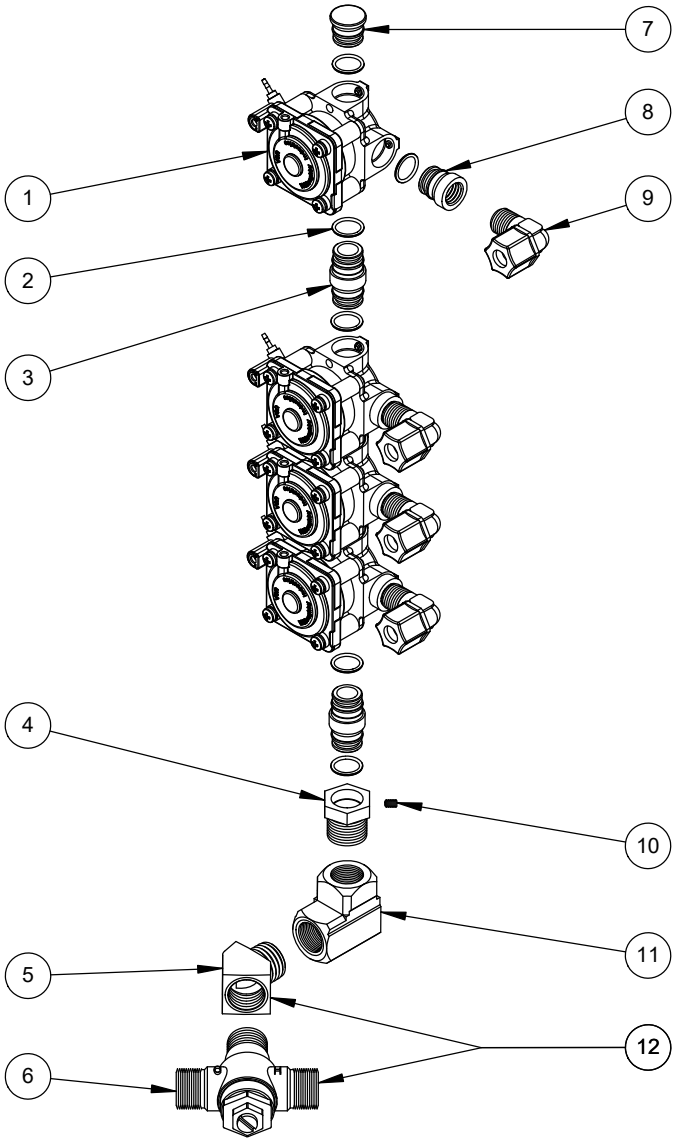
106770



WILLOUGHBY

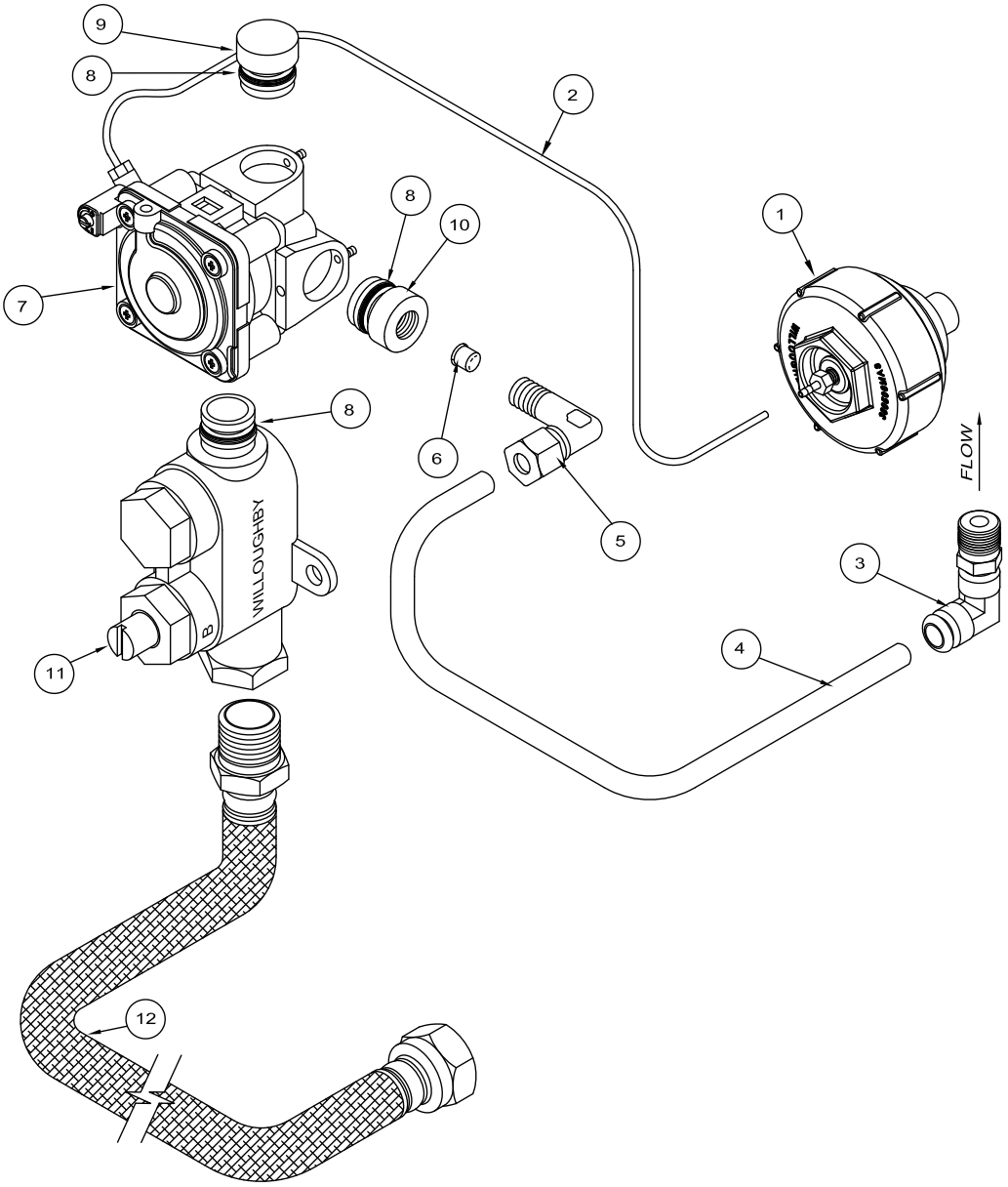
WASHFOUNTAIN PNEUMATIC VALVE - BRASS





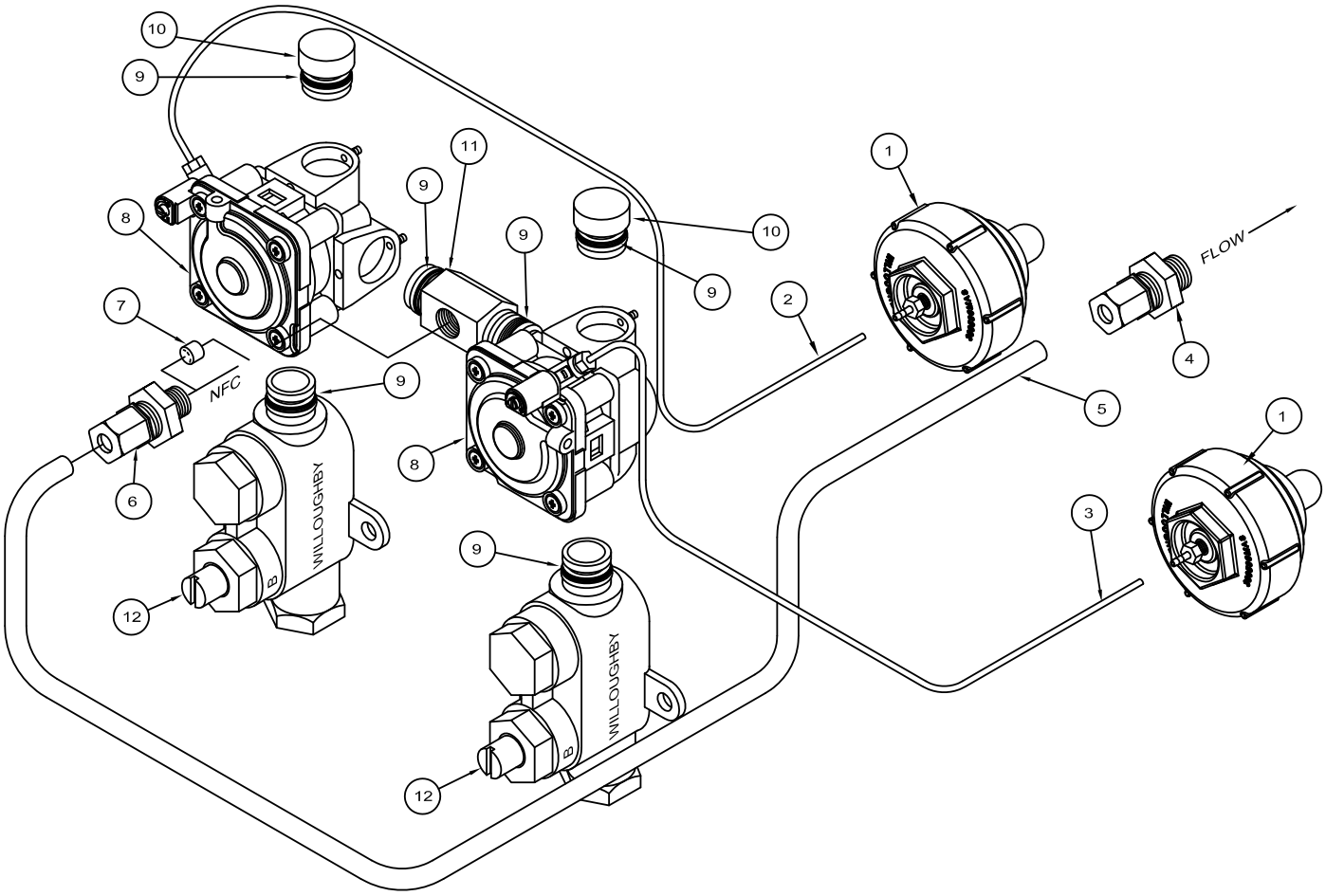
ITEM #	PART NUMBER	DESCRIPTION
1	N/A	WASHFOUNTAIN VALVE, BRASS BODY PNEU. (PARTS AVAILABLE ONLY)
2	804348	O-RING, #015
3	800297	BRASS COUPLER FITTING
4	380992	BRASS VALVE BODY ADAPTOR FITTING
5	320581LF	ELBOW FITTING, 45°, 1/2" STREET
6	809491	POWERS HYDROGUARD TMV (LFE480) INLINE
7	810030	MALE COUPLER PLUG
8	810161	ELBOW ADAPTER FITTING
9	809924	3/8" TUBE x 1/4" MPT ELBOW
10	810058	SET SCREW, #8-32 X 1/4"
11	320600LF	ELBOW FITTING, 90° 1/2" FPT X 1/2" FPT
12	800034E	THERMOSTATIC MIXING VALVE ASSM. (LFE480)

PM1/PS1 SINGLE TEMP PNEUMATIC VALVE - BRASS



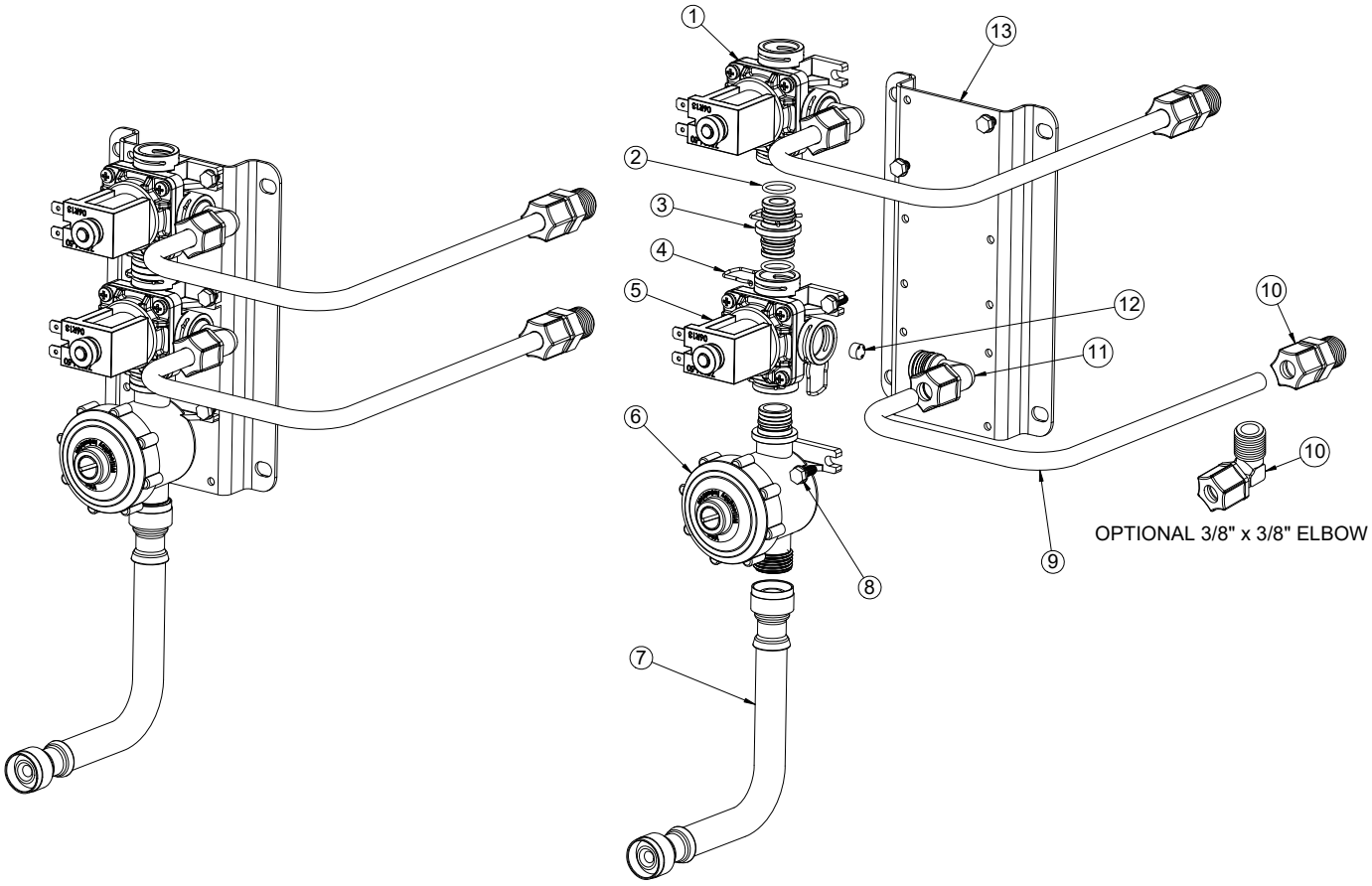
ITEM #	PART NUMBER	DESCRIPTION
1	**P/N VARIES**	PNEUMATIC PUSH BUTTON (VARIES)
2	**809930**	PNEUMATIC TUBING, 1/16" I.D. x 1/8" O.D. (BLUE) (SOLD PER FOOT)
3	**320608**	PRESTOLOCK ELBOW, 3/8" TUBE x 3/8" MPT
4	**809925**	FLEXIBLE TUBING 3/8" (10mm) O.D. (SOLD PER FOOT)
5	**809924**	3/8" TUBE x 1/4" MPT ELBOW
6	**P/N VARIES**	FLOW CONTROL INSERT (VARIES, OPTIONAL ON SOME VALVES)
7	**N/A**	WASHFOUNTAIN VALVE, BRASS BODY PNEU. (PARTS AVAILABLE ONLY)
8	**804348**	O-RING, #015
9	**810030**	MALE COUPLER PLUG
10	**810161**	ELBOW ADAPTER FITTING
11	**804195**	CHECKSTOP ASSEMBLY, BRASS
12	**810032**	(OPTIONAL) 20" STAINLESS STEEL FLEX HOSE, 1/2" MIP x 1/2" FIP

PM2/PS2 DUAL TEMP PNEUMATIC VALVE - BRASS



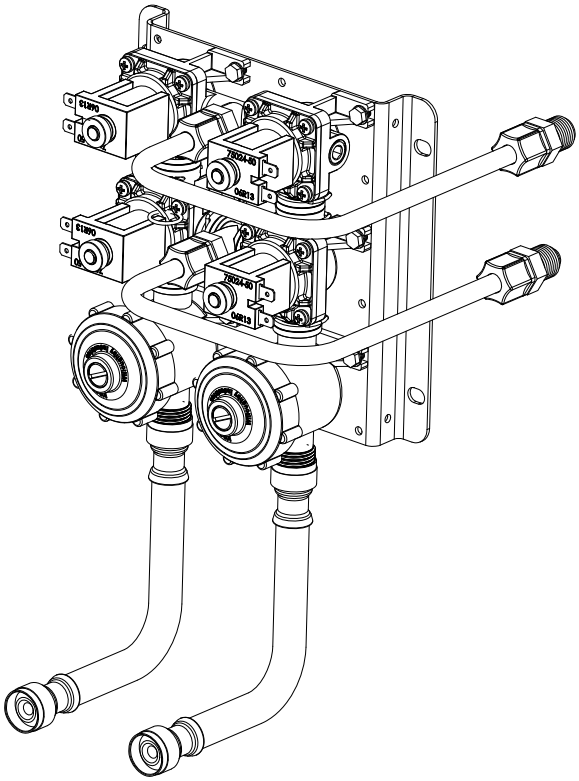
ITEM #	PART NUMBER	DESCRIPTION
1	P/N VARIES	PNEUMATIC PUSH BUTTON (VARIES)
2	809930	PNEUMATIC TUBING, 1/16" I.D. x 1/8" O.D. (BLUE) (SOLD PER FOOT)
3	809926	PNEUMATIC TUBING, 1/16" I.D. x 1/8" O.D. (RED) (SOLD PER FOOT)
4	810025	3/8" x 3/8" MPT CONNECTOR
5	809925	FLEXIBLE TUBING 3/8" (10mm) O.D. (SOLD PER FOOT)
6	406555	3/8" TUBE x 1/4" MPT CONNECTOR
7	P/N VARIES	FLOW CONTROL INSERT (VARIES, OPTIONAL ON SOME VALVES)
8	N/A	WASHFOUNTAIN VALVE, BRASS BODY PNEU. (PARTS AVAILABLE ONLY)
9	804348	O-RING, #015
10	810030	MALE COUPLER PLUG
11	810033	TEE ADAPTER FITTING
12	804195	CHECKSTOP ASSEMBLY, BRASS
NS	810032	(OPTIONAL) 20" STAINLESS STEEL FLEX HOSE,1/2" MIP x 1/2" FIP

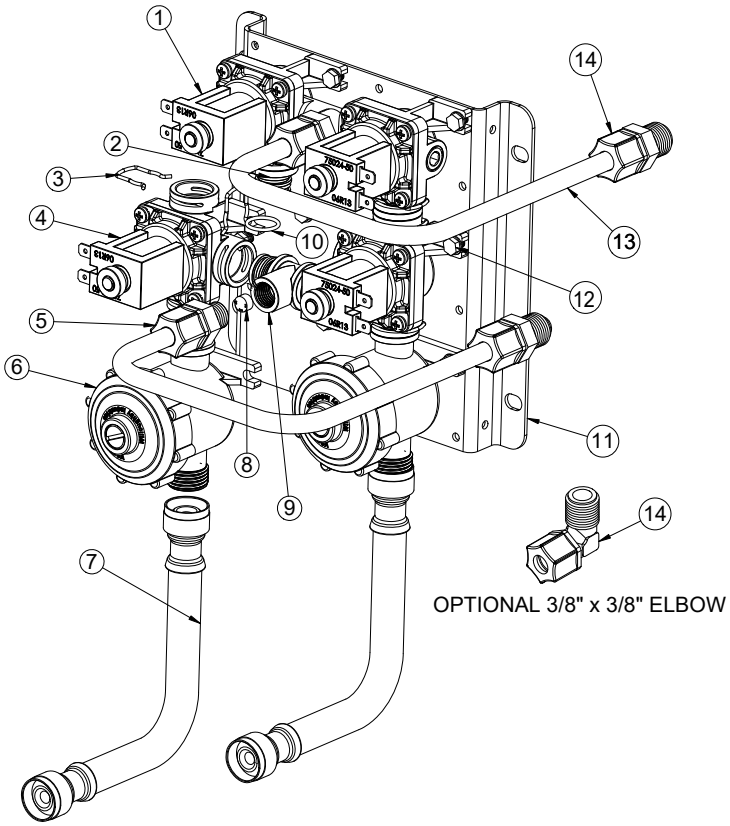
E1L1 SINGLE TEMP ELECTRONIC VALVES



ITEM #	PART NUMBER	DESCRIPTION
1	**980408PR**	E1L VALVE ASSEMBLY, RIGHT-PLUGGED PORT
2	**810751**	'O'-RING, #015
3	**814214**	PLASTIC VALVE COUPLING
4	**814210**	SPRING CLIP
5	**980408**	E1L VALVE ASSEMBLY
6	**810758**	CHECKSTOP ASSEMBLY
7	**980506**	(OPTIONAL) 6" STAINLESS STEEL FLEX HOSE
7	**980520**	(OPTIONAL) 20" STAINLESS STEEL FLEX HOSE
8	**800133**	#10-16 SELF TAP TYPE B HEX HEAD SCREW
9	**809925**	FLEXIBLE TUBING 3/8" (10mm) O.D. 20 FT. TOTAL (SOLD PER FOOT)
10	**810025**	(OPTIONAL) CONNECTOR, 3/8" TUBE x 3/8" MPT
10	**814213**	(OPTIONAL) ELBOW, 3/8" TUBE x 3/8" MPT
11	**980600A**	VALVE FITTING ASSEMBLY, 3/8" ELBOW
12	**P/N VARIES**	FLOW CONTROL INSERT (VARIES, OPTIONAL ON SOME VALVES)
13	**810757**	PML11 VALVE MOUNTING BRACKET
	9805012	PML12 VALVE MOUNTING BRACKET
	9805013	PML13 VALVE MOUNTING BRACKET
	9805014	PML14 VALVE MOUNTING BRACKET

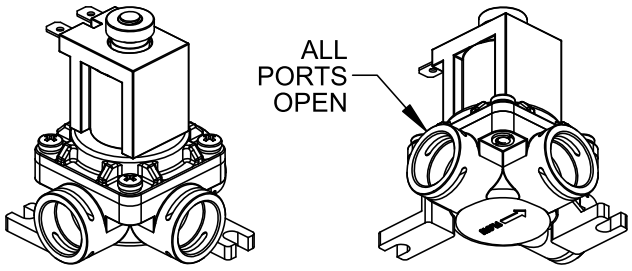
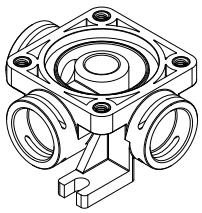
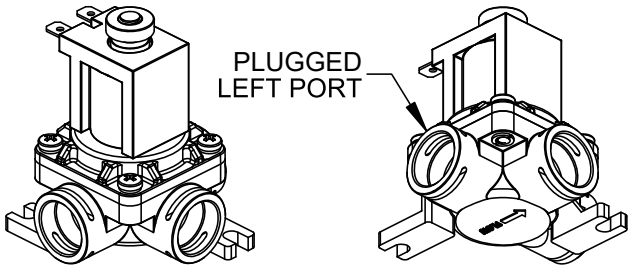
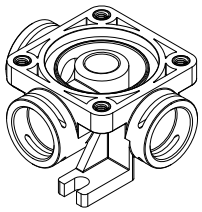
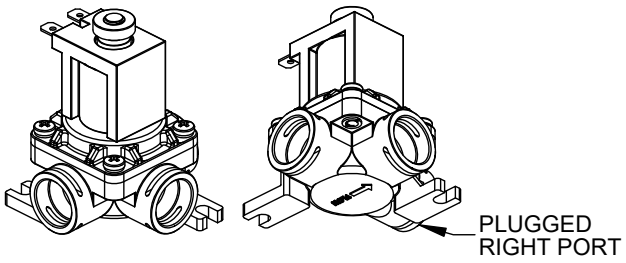
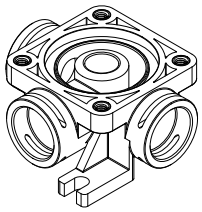
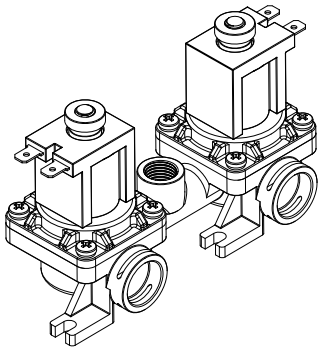
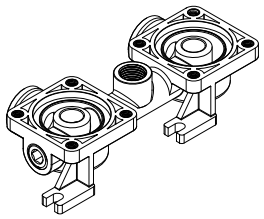
E1L2 DUAL TEMP ELECTRONIC VALVES





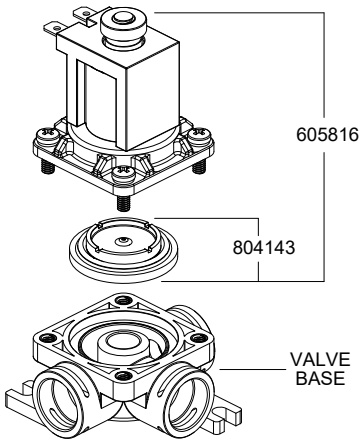
ITEM #	PART NUMBER	DESCRIPTION
1	**980409**	DUAL TEMP, WILLOUGHBY SOLENOID PARTS ASSEMBLY (E1L2)
2	**814214**	PLASTIC VALVE COUPLING
3	**814210**	SPRING CLIP
4	**980408**	E1L VALVE ASSEMBLY
5	**406555**	CONNECTOR, 3/8" TUBE x 1/4" MPT
6	**810758**	CHECKSTOP ASSEMBLY
7	**980506**	(OPTIONAL) 6" STAINLESS STEEL FLEX HOSE
7	**980520**	(OPTIONAL) 20" STAINLESS STEEL FLEX HOSE
8	**P/N VARIES**	FLOW CONTROL INSERT (VARIES, OPTIONAL ON SOME VALVES)
9	**814215**	PLASTIC VALVE 'T'
10	**810751**	'O'-RING, #015
11	**980502**	PML21 VALVE MOUNTING BRACKET
	814211	PML22 VALVE MOUNTING BRACKET
	9805023	PML23 VALVE MOUNTING BRACKET
	9805024	PML24 VALVE MOUNTING BRACKET
12	**817150**	#10-16 SELF TAP TYPE B HEX HEAD SCREW
13	**809925**	FLEXIBLE TUBING 3/8" (10mm) O.D. 20 FT. TOTAL (SOLD PER FOOT)
14	**810025**	(OPTIONAL) CONNECTOR, 3/8" TUBE x 3/8" MPT
14	**810031**	(OPTIONAL) ELBOW, 3/8" TUBE x 3/8" MPT

E1L INDIVIDUAL ELECTRONIC VALVE ASSEMBLIES

PART NUMBER	VALVE ASSEMBLY	BASE ONLY P/N
P/N: 980408 E1L, ALL PORTS OPEN		**P/N: 980420** 
P/N: 980408PL E1L, PLUGGED LEFT PORT		**P/N: 980420L** 
P/N: 980408PR E1L, PLUGGED RIGHT PORT		**P/N: 980420R** 
P/N: 980409 E1L2, DUAL TEMPERATURE		**P/N: 811049** 

E1L VALVE ASSEMBLY COMPONENTS

*COMMON TO ALL **E1L** VALVES



SEE PREVIOUS PAGE

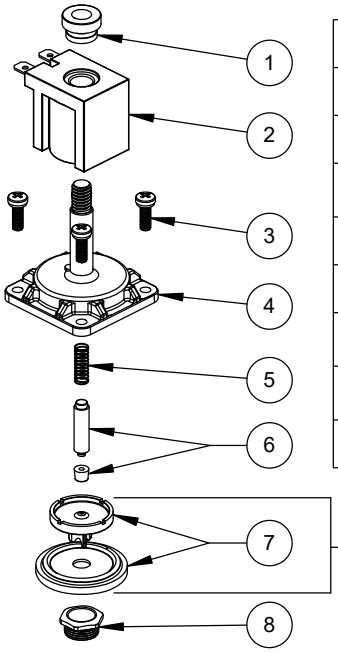
NOTES:

- PARTS LISTED IN THE **605816** COMPONENT KIT ARE AVAILABLE INDIVIDUALLY
- **804143** KIT PARTS ARE AVAILABLE IN KIT FORM ONLY

PART NUMBER	VALVE ASSEMBLY

P/N: 605816

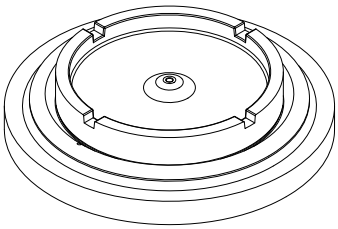
E1L COMPLETE REBUILD KIT



ITEM #	PART #	DESCRIPTION	QTY.
1	980534	NYLON NUT, 5/16-18	1
2	980532	COIL, 24V AC	1
3	980170A	#8-32 x 1/2 " SCREW W/SEMS SPLIT L/W	4
4	980530	ARMATURE CAP, 24V VALVE	1
5	980533	SPRING, 5/8 24v VALVE	1
6	980565	ARMATURE BUMPER ASSEMBLY, EL VALVE	1
7	980305	WATER SIDE DIAPHRAGM/ADAPTOR ASSY.	1
8	804189	VALVE SEAT, w/O-RING	1

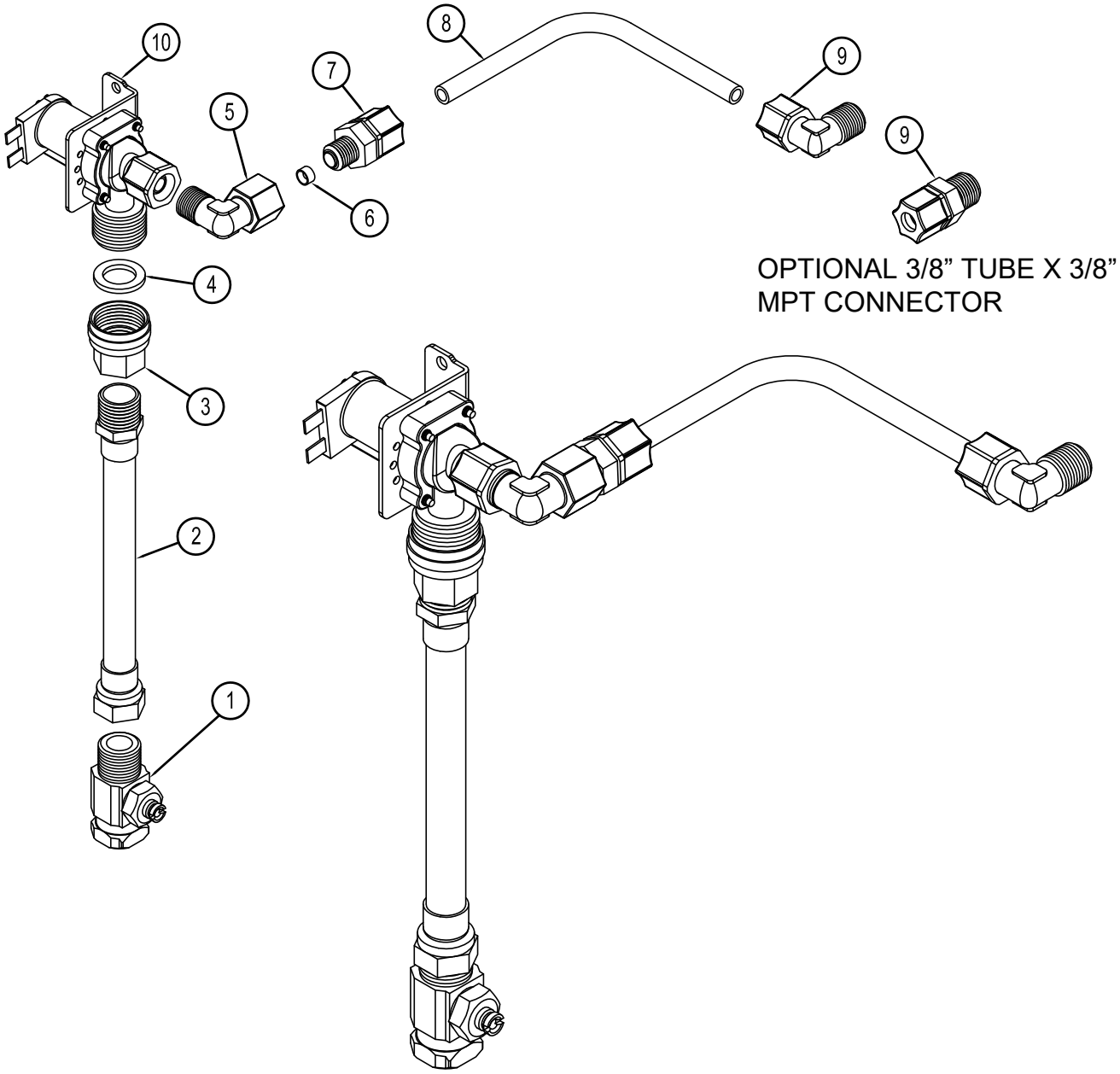
P/N: 804143

WATER-SIDE DIAPHRAGM



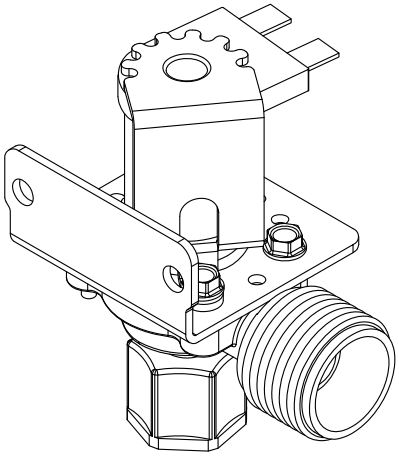
NOTE: **804143** IS INCLUDED IN **605816**

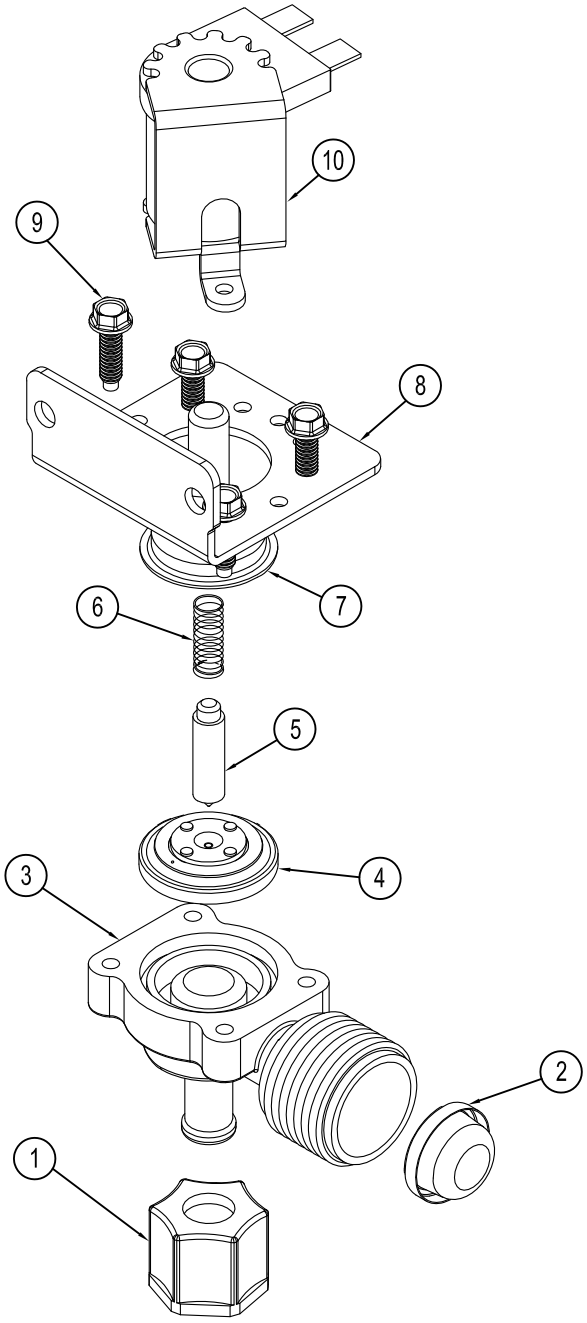
EL1 SINGLE TEMP ELECTRONIC VALVE ASSEMBLY



ITEM #	PART NUMBER	DESCRIPTION
1	**380259LF**	STOP, INTEGRAL 1/2" MPT x 1/2" FPT
2	**810032**	FLEXHOSE 1/2" MIP - 1/2" FIP 3/8" OD
3	**600375**	SWIVEL, 3/4" FGH x 1/2" FPT
4	**600310**	WASHER, GARDEN HOSE, 3/4"
5	**810309**	ELBOW, 3/8" TUBE x 1/4" FPT
6	**P/N VARIES**	FLOW CONTROL INSERT (VARIES, OPTIONAL ON SOME VALVES)
7	**406555**	3/8" TUBE x 1/4" MPT CONNECTOR
8	**809925**	FLEXIBLE TUBING 3/8" OD x 1/4" ID (SOLD PER FOOT)
9	**814213**	(OPTIONAL) 3/8" TUBE x 3/8" MPT ELBOW
	810025	(OPTIONAL) 3/8" TUBE x 3/8" MPT CONNECTOR
10	**921123**	SOLENOID VALVE, PLASTIC, 1 TEMP. 24V (EL1)

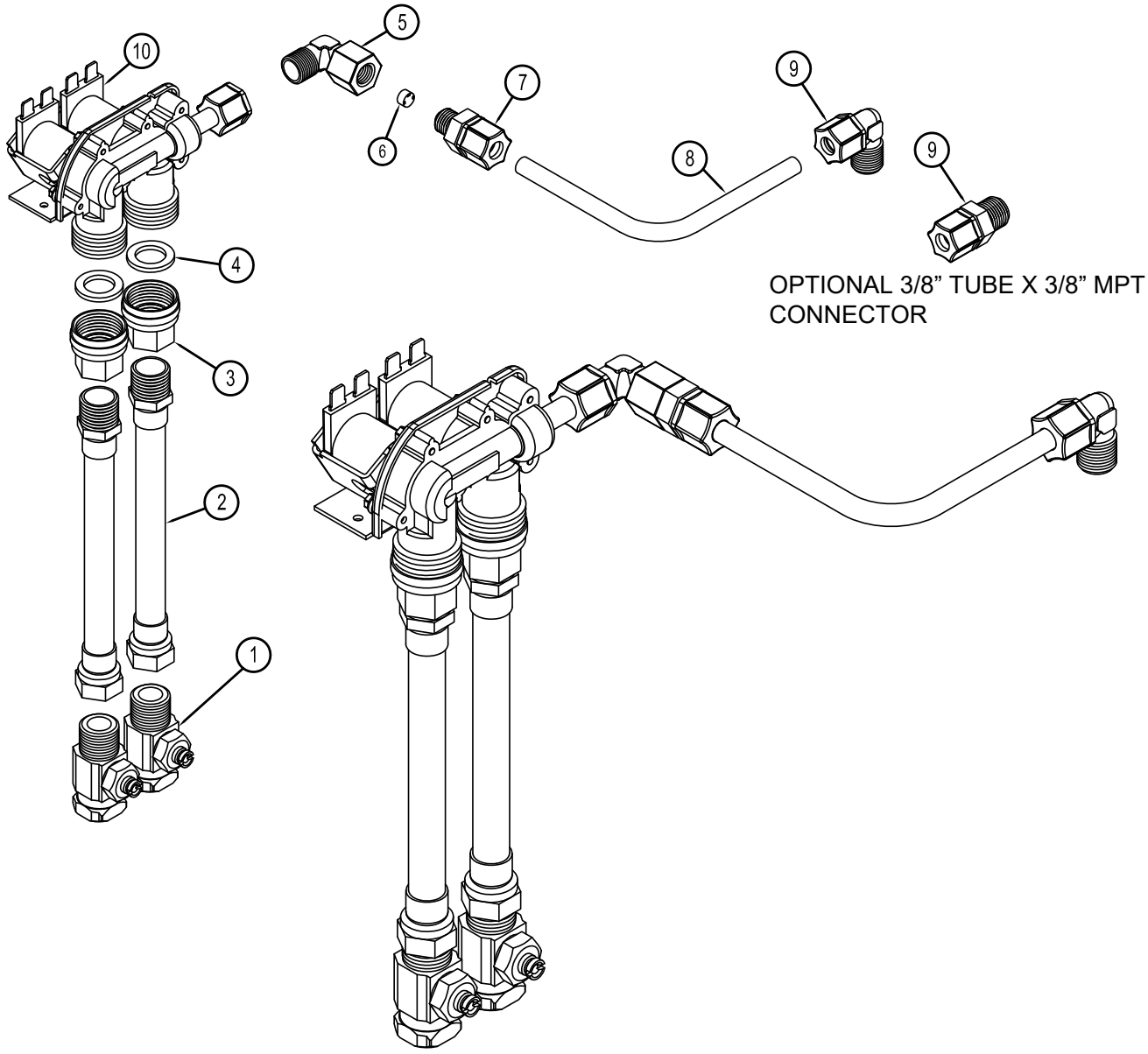
EL1 SINGLE TEMP SOLENOID VALVE - HORTON 921123





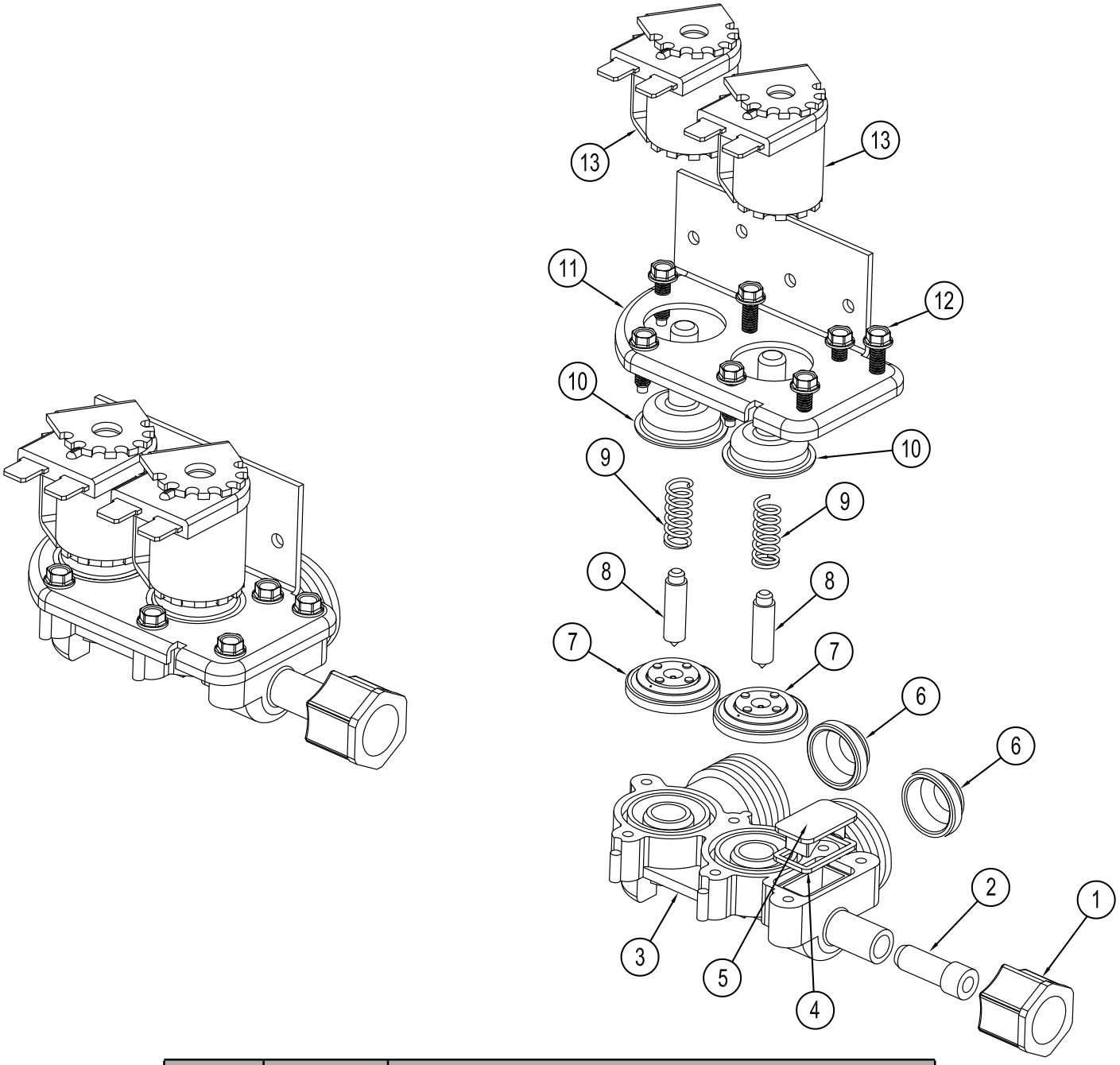
ITEM #	PART NUMBER	DESCRIPTION
1	**320559**	FERRULE NUT 3/8" TUBE
2	**500031**	SCREEN
3	**N/A**	BODY, SOLENOID VALVE
4	**DI7438-2N**	DIAPHRAGM
5	**500032**	ARMATURE
6	**088419**	SPRING
7	**500033**	ARMATURE GUIDE
8	**N/A**	BRACKET, MOUNTING
9	**N/A**	SCREW
10	**088410**	24 VAC COIL ASSEMBLY

EL2 DUAL TEMP ELECTRONIC VALVE ASSEMBLY



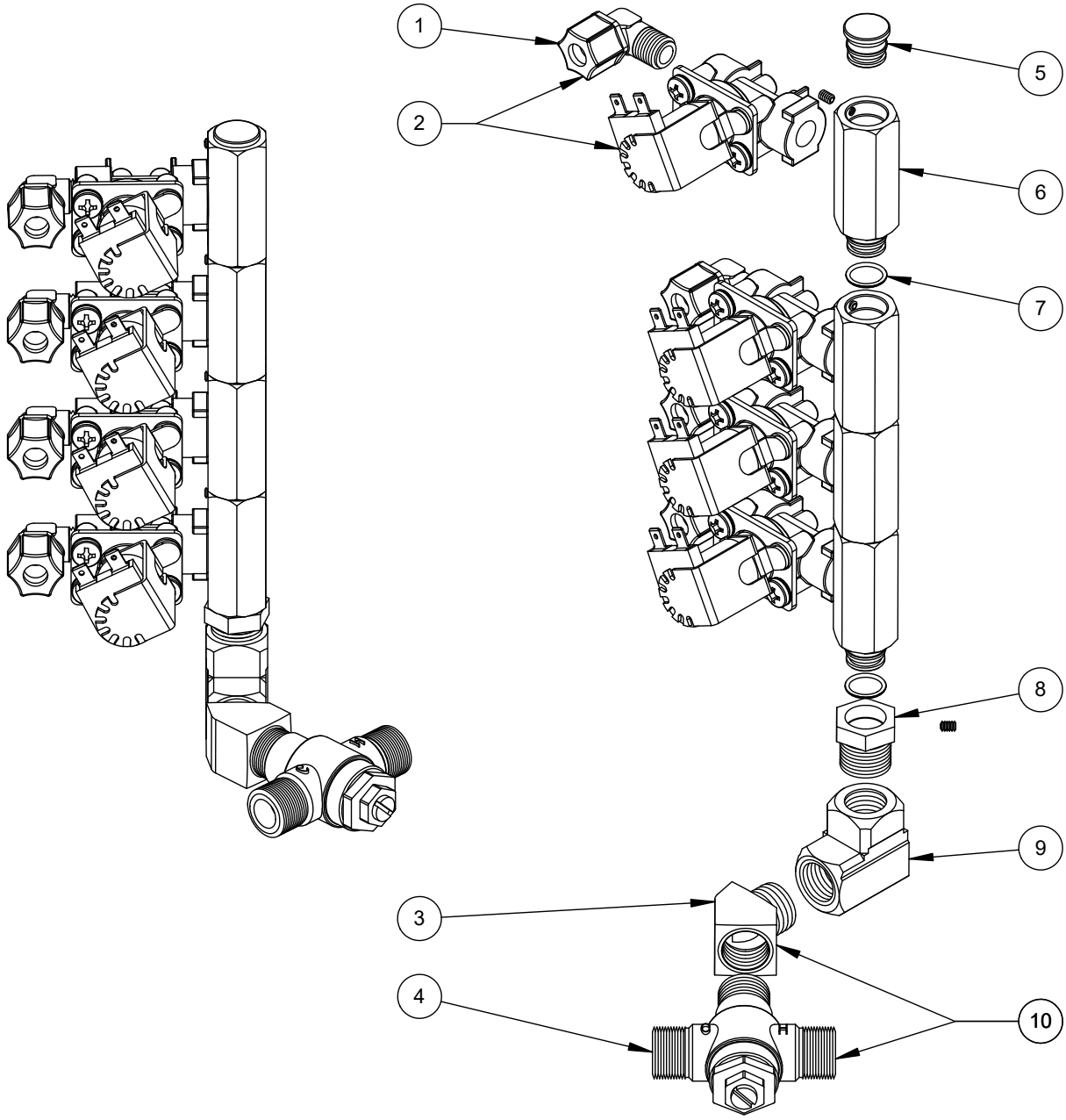
ITEM #	PART NUMBER	DESCRIPTION
1	**380259LF**	STOP, INTEGRAL 1/2" MPT x 1/2" FPT
2	**810032**	FLEXHOSE 1/2" MIP - 1/2" FIP 3/8" OD
3	**600375**	SWIVEL, 3/4" FGH x 1/2" FPT
4	**600310**	WASHER, GARDEN HOSE, 3/4"
5	**810309**	ELBOW, 3/8" TUBE x 1/4" FPT
6	**P/N VARIES**	FLOW CONTROL INSERT (VARIES, OPTIONAL ON SOME VALVES)
7	**406555**	3/8" TUBE x 1/4" MPT CONNECTOR
8	**809925**	FLEXIBLE TUBING 3/8" OD x 1/4" ID (SOLD PER FOOT)
9	**814213**	(OPTIONAL) 3/8" TUBE x 3/8" MPT ELBOW
	810025	(OPTIONAL) 3/8" TUBE x 3/8" MPT CONNECTOR
10	**921123**	SOLENOID VALVE, PLASTIC, 2 TEMP. 24V (EL2)

EL2 DUAL TEMP SOLENOID VALVE - HORTON 810316



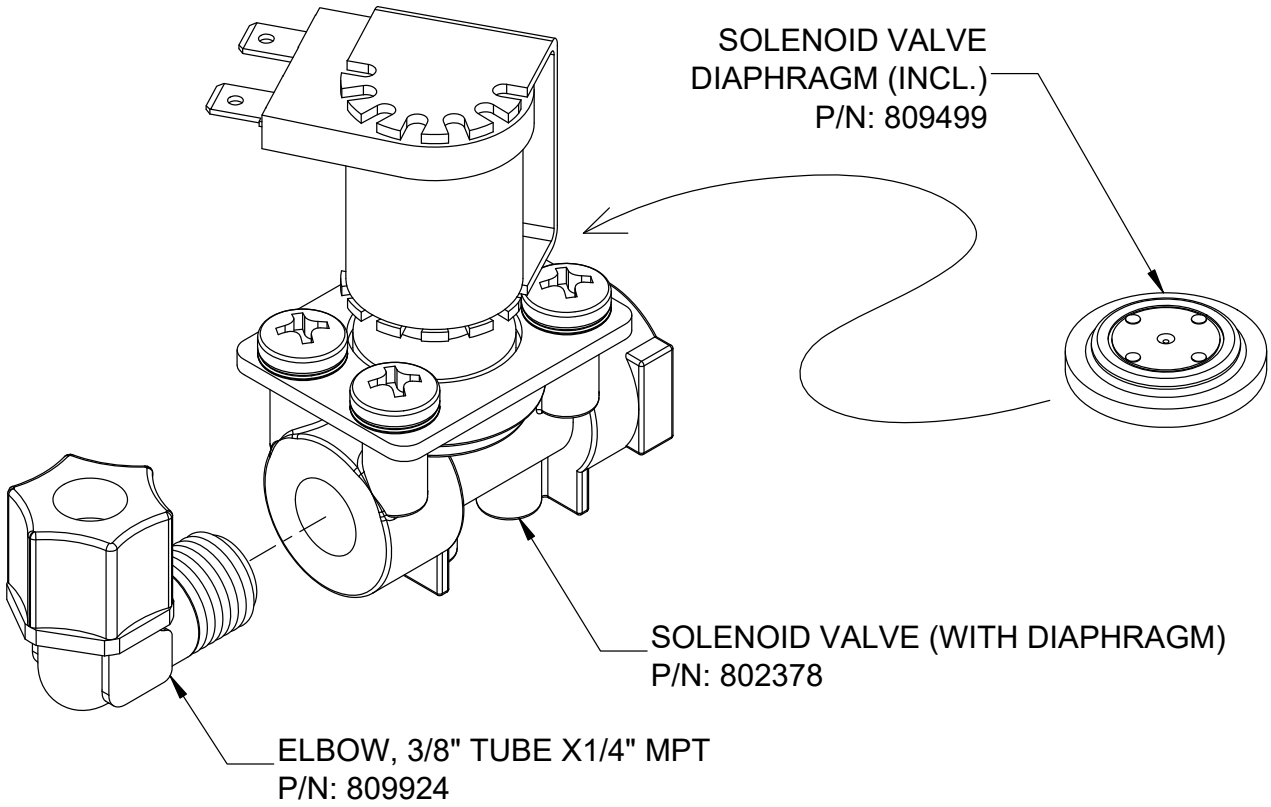
ITEM #	PART NUMBER	DESCRIPTION
1	**320559**	FERRULE NUT 3/8" TUBE
2	**500007**	OUTLET EXTENSION
3	**600325**	2-BODY
4	**500005**	GASKET
5	**500015**	FLOW RESTRICTOR PLUG
6	**500031**	SCREEN
7	**DI7438-2N**	DIAPHRAGM
8	**500032**	ARMATURE
9	**088419**	SPRING
10	**500033**	ARMATURE GUIDE
11	**N/A**	2-BRACKET
12	**N/A**	SCREW
13	**088410**	24 VAC COIL ASSEMBLY

WASHFOUNTAIN ELECTRONIC VALVE (BRASS)



ITEM #	PART NUMBER	DESCRIPTION
1	**809924**	3/8" TUBE x 1/4" MPT ELBOW
2	**809454**	WASHFOUNTAIN VALVE, DEMA SOLENOID
3	**320581LF**	ELBOW FITTING, 45°, 1/2" STREET
4	**809491**	POWERS HYDROGUARD TMV (LFE480) INLINE
5	**810030**	MALE COUPLER PLUG
6	**N/A**	BRASS MANIFOLD COUPLER FITTING (NO LONGER AVAILABLE)
7	**804348**	O-RING, #015
8	**380992**	COUPLER ADAPTER FITTING
9	**320600LF**	ELBOW FITTING, 90° 1/2" FPT X 1/2" FPT
10	**700480-KIT**	THERMOSTATIC MIXING VALVE ASSM. (LFE480)

WASHFOUNTAIN SOLENOID VALVE - DEMA



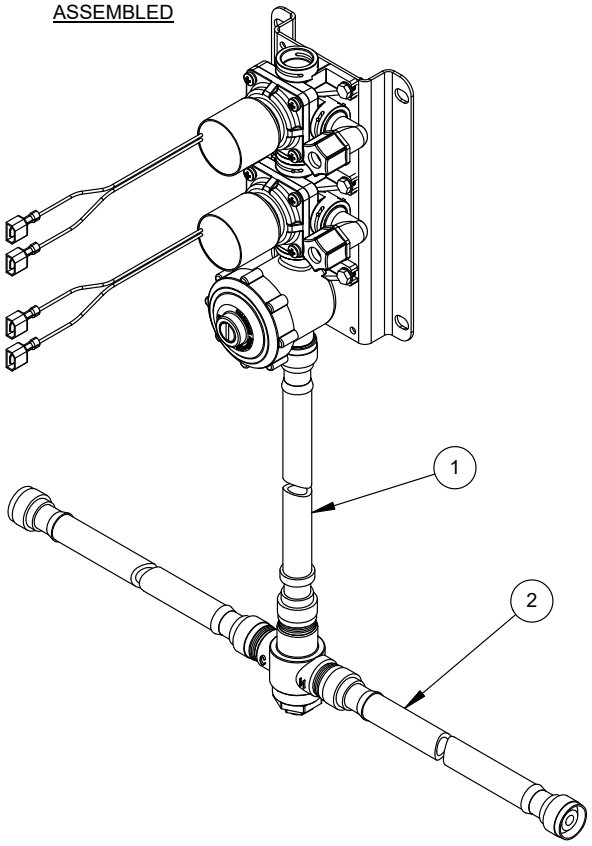
P/N: 809454 INCLUDES P/N: 600954 & 809924

SOLENOID DIAPHRAGM CAN ALSO BE ORDERED SEPARATELY. **USE P/N: 809499**

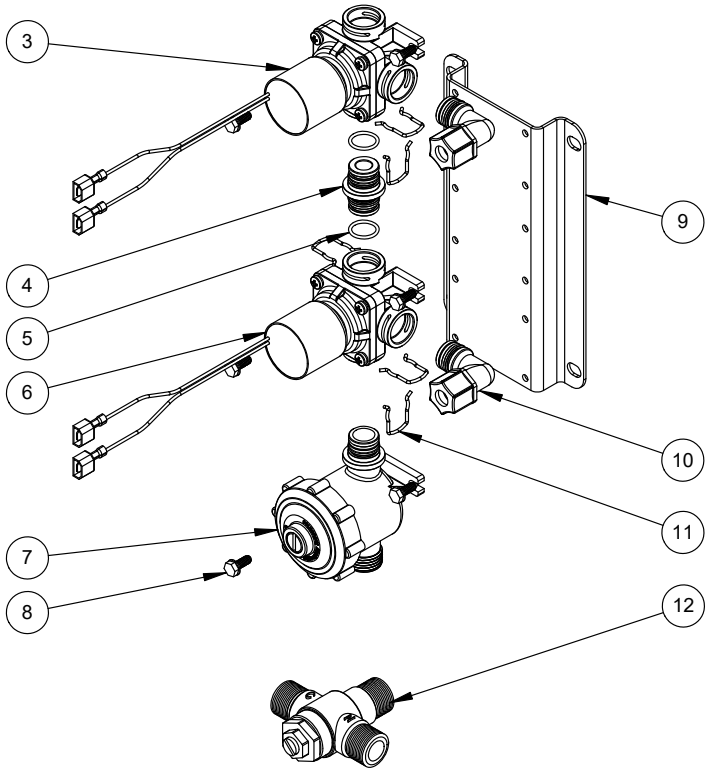
NOTES: _____

EBL1 SINGLE TEMP BATTERY OPERATED VALVES

ASSEMBLED



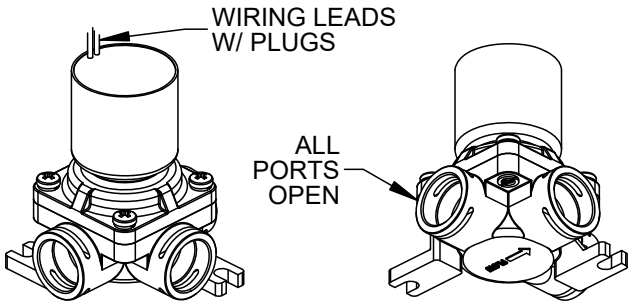
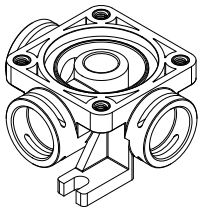
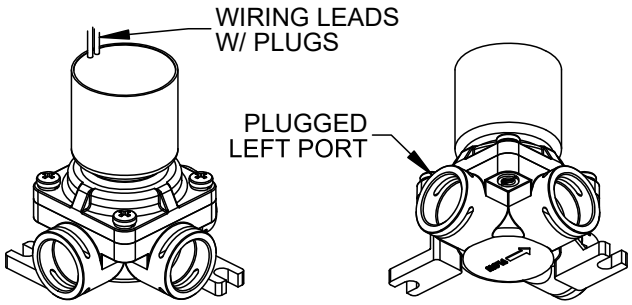
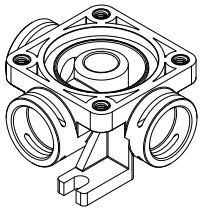
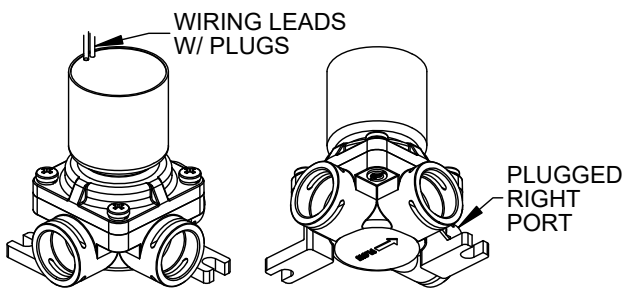
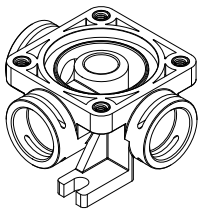
EXPLODED VIEW



ITEM #	PART NUMBER	DESCRIPTION
1	**980506**	6" STAINLESS STEEL FLEX HOSE
2	**980520**	20" STAINLESS STEEL FLEX HOSE
3	**980416PR**	VALVE ASSY, 6VDC LATCHING, IR-BATT. OPER. RH, PLUGGED PORT
4	**814214**	PLASTIC VALVE COUPLING
5	**810751**	'O'-RING, #015
6	**980416**	VALVE ASSEMBLY, 6VDC LATCHING, IR-BATTERY OPERATED
7	**810758**	CHECKSTOP ASSEMBLY
8	**817150**	#10-16 SELF TAP TYPE B HEX HEAD SCREW
9	**810757**	PML11 VALVE MOUNTING BRACKET
	9805012	PML12 VALVE MOUNTING BRACKET
	9805013	PML13 VALVE MOUNTING BRACKET
	9805014	PML14 VALVE MOUNTING BRACKET
10	**980600A**	VALVE FITTING ASSEMBLY, 3/8" ELBOW
11	**980140**	SPRING CLIP, ROUND
12	**809491**	MIXING VALVE, TMV, LEAD FREE, LF-E480
NOT SHOWN	**810025**	(OPTIONAL) CONNECTOR, 3/8" TUBE x 3/8" MPT
	814213	(OPTIONAL) ELBOW, 3/8" TUBE x 3/8" MPT

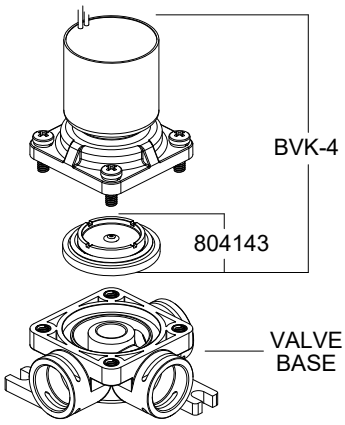
EBL1 INDIVIDUAL (BO) VALVE ASSEMBLIES

NOTES:

PART NUMBER	VALVE ASSEMBLY	BASE ONLY P/N
P/N: 980416 EBL1, ALL PORTS OPEN		**P/N: 980420** 
P/N: 980416PL EBL1, PLUGGED LEFT PORT		**P/N: 980420L** 
P/N: 980416PR EBL1, PLUGGED RIGHT PORT		**P/N: 980420R** 

EBL1 VALVE ASSEMBLY COMPONENTS (BVK/PVK)

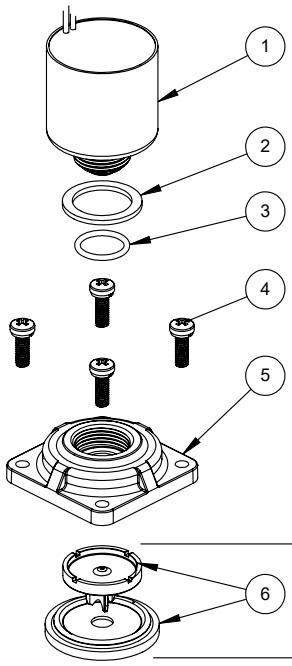
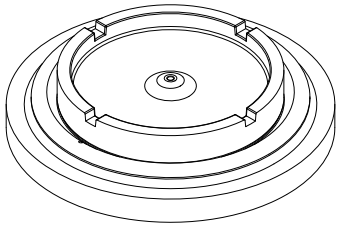
*COMMON TO ALL **EBL1** VALVES



SEE PREVIOUS PAGE

NOTES:

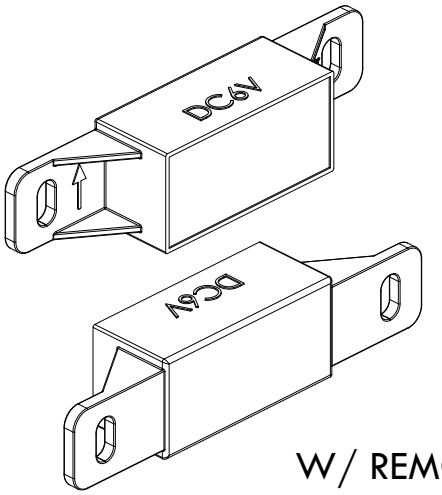
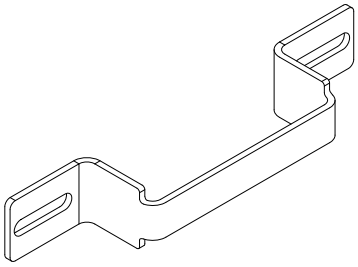
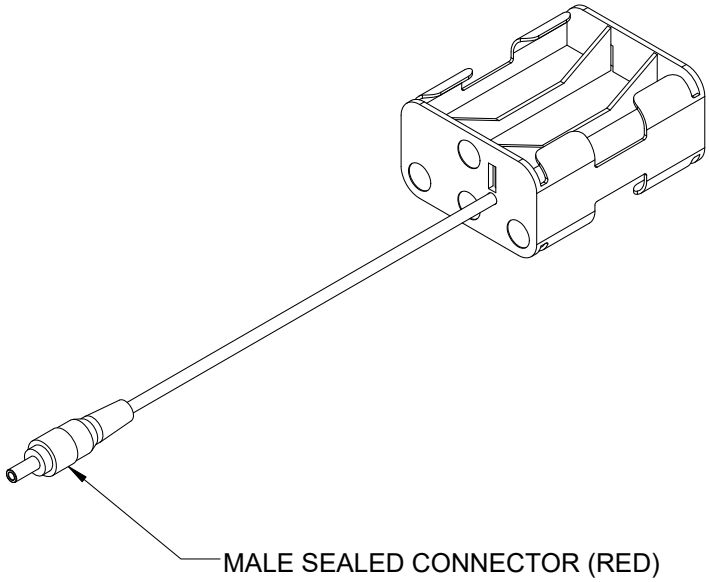
- PARTS LISTED IN **BVK**/**PVK** COMPONENT KITS ARE NOT SOLD INDIVIDUALLY
- **BVK-4 & 804143** PARTS ARE AVAILABLE IN KIT FORM ONLY

PART NUMBER	VALVE ASSEMBLY
P/N: BVK-4 EBL1 COMPLETE REBUILD KIT	
P/N: 804143 WATER-SIDE DIAPHRAGM	

ITEM #	PART #	DESCRIPTION	QTY.
1	700255	COIL ASSEMBLY, 6VDC LATCHING, IR-BATTERY OPERATED	1
2	980680	WASHER, NYLON, 0.75"ID, 1.00"OD	1
3	810751	O-RING, #015	1
4	980170A	#8-32 x 1/2 " SCREW W/SEMS SPLIT L/W	4
5	980114	COIL ADAPTER, E1L VALVE	1
6	980305	WATER SIDE DIAPHRAGM/ADAPTOR ASSY.	1

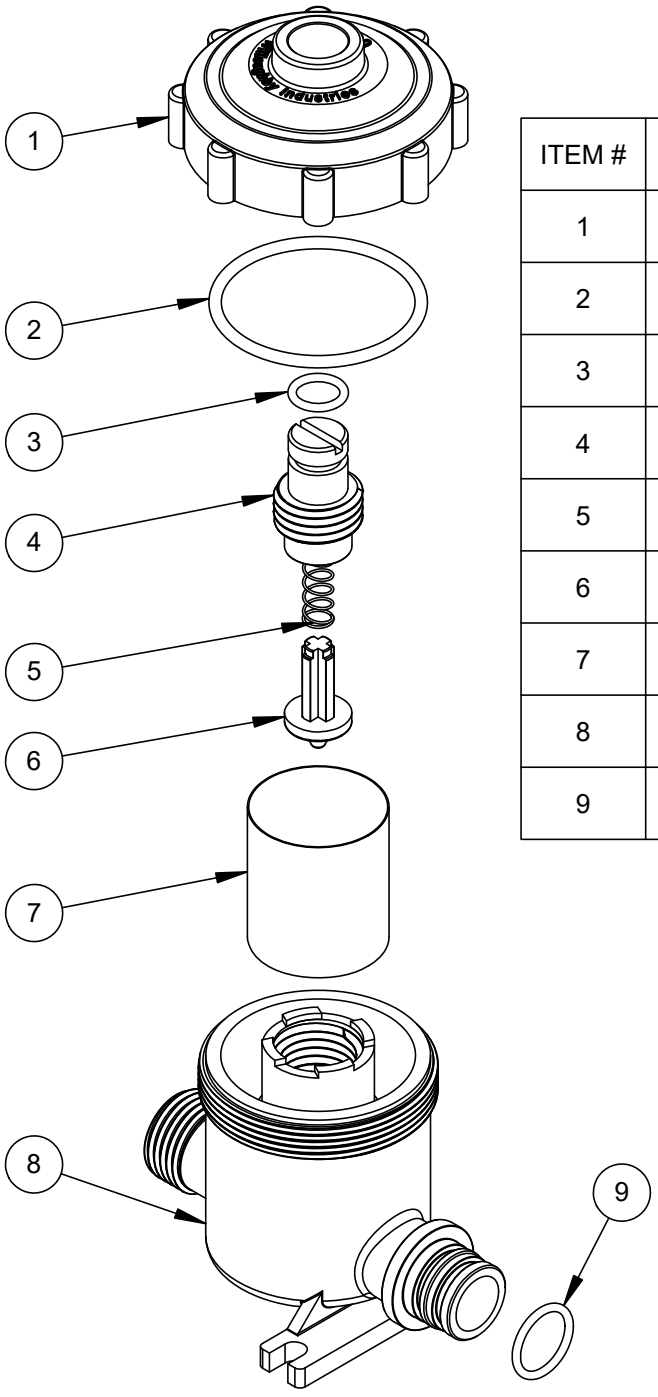
NOTE: **804143** IS INCLUDED IN **BVK-4**

EBL1 BATTERY OPERATED VALVE-SPECIFIC COMPONENTS

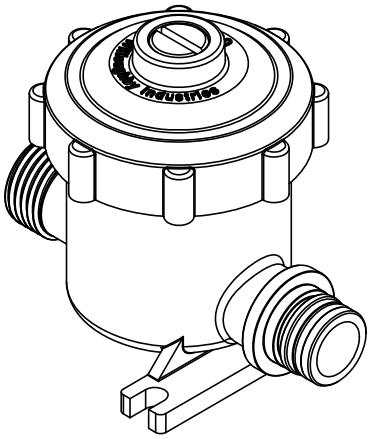
P/N & DESCRIPTION	COMPONENT
(P/N: 700250) INFRARED ACTUATOR, BATTERY OPERATED VALVE (6V DIRECT CURRENT)	 PRESET 20" SENSOR RANGE (AJUSTABLE 1"-30" W/ REMOTE, **P/N: 700155**)
(P/N: S301092) BRACKET, INFRARED SENSOR MOUNTING	
(P/N: 700252) BATTERY OPERATED VALVE BATTERY PACK (REQUIRES (6) AA BATTERIES)	
(P/N: 700254) BATTERY, AA	BATTERY PACK REQUIRES (6) AA BATTERIES

CHECKSTOP STRAINER ASSEMBLY - LEAD FREE

P/N: 810758 (COMMON TO ALL **LEAD-FREE** VALVES)

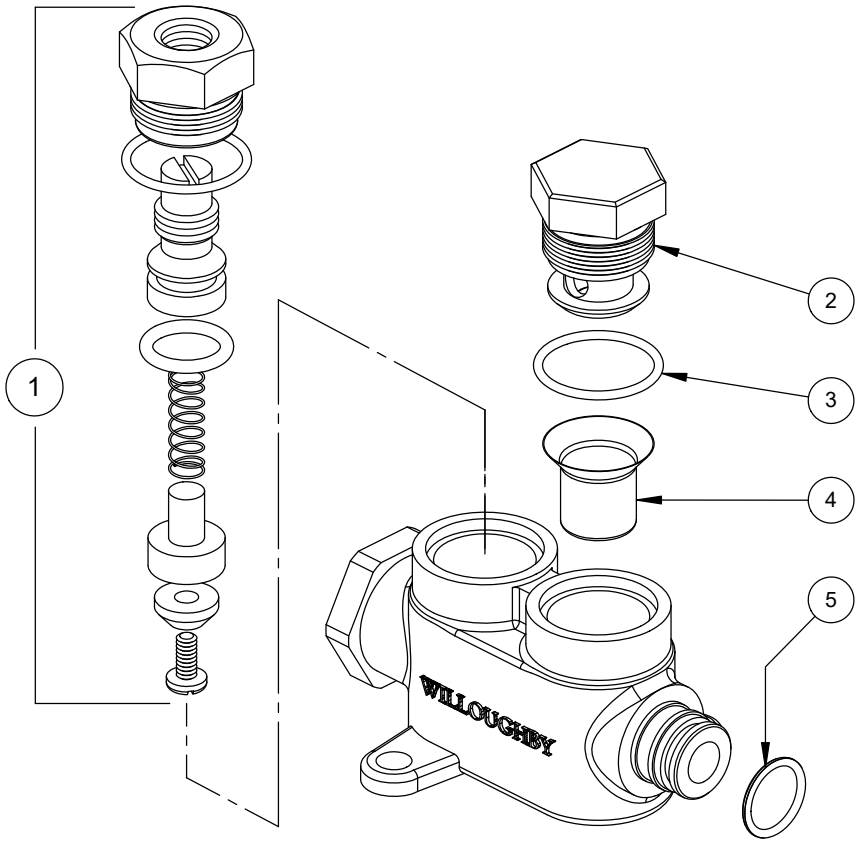


ITEM #	PART #	DESCRIPTION	QTY.
1	980192	STRAINER CAP	1
2	941553	O-RING, #130	1
3	941554	O-RING, #012	1
4	812637	CHECKSTOP SCREW	1
5	941555	SPRING, CHECKSTOP/STRAINER	1
6	814462	STRAINER PLUNGER	1
7	980168	SCREEN, STRAINER	1
8	088416	CHECKSTOP BASE AND FLOW RESTRICTOR ASSY	1
9	810751	O-RING, #015	1

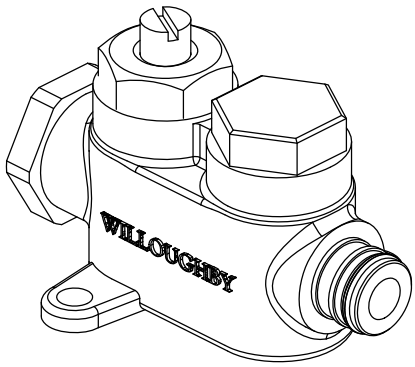


CHECKSTOP STRAINER ASSEMBLY - BRASS BODIED

P/N: 804195 (COMMON TO MOST BRASS VALVES)

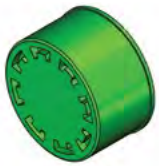
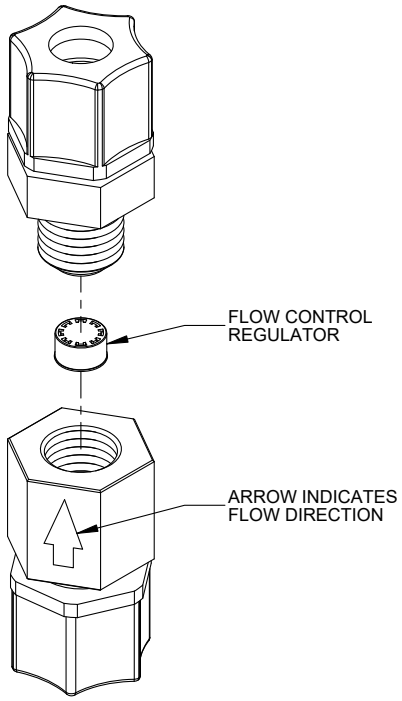


NOTE:
- PARTS LISTED IN **P/N: 809929** REPAIR KIT ARE NOT SOLD INDIVIDUALLY



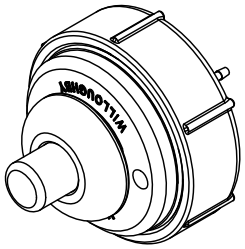
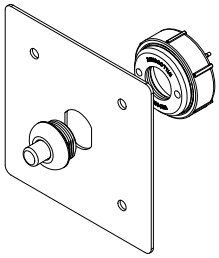
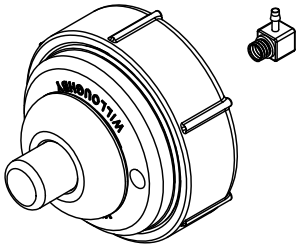
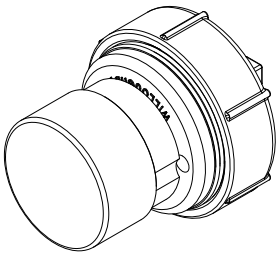
ITEM #	P/N	DESCRIPTION
1	**809929**	REPAIR KIT, CHECKSTOP STRAINER - BRASS
2	**804198**	STRAINER CAP, CHECKSTOP
3	**804344**	O-RING, #019
4	**804347**	STRAINER INSERT
5	**804348**	O-RING, SLIP JOINT, #014

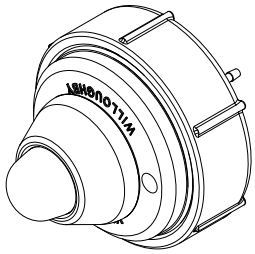
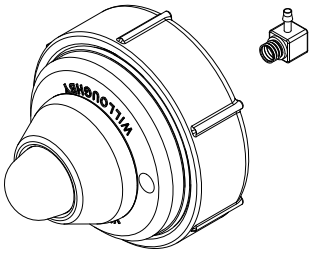
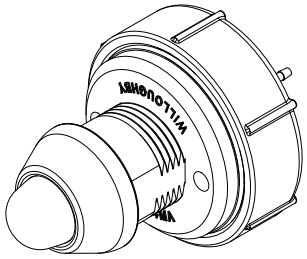
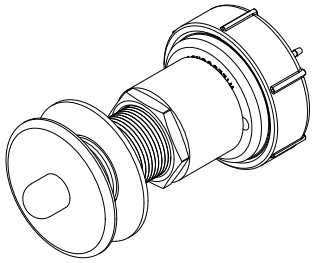
FLOW CONTROL INSERTS & INLINE FLOW ASSEMBLY

P/N	DESCRIPTION	COMPONENT/ASSEMBLY
806259	0.5 GPM FLOW CONTROL REGULATOR - MR03, RED	
838227	1.0 GPM FLOW CONTROL REGULATOR - MR03, BLUE	
838228	1.5 GPM FLOW CONTROL REGULATOR - MR03, GREEN	
002120	2.0 GPM FLOW CONTROL REGULATOR - MR03, LILAC	
380142-05 (0.5 GPM)	INLINE FLOW CONTROL ASSEMBLIES (Ø3/8" TUBING CONNECTIONS, INCLUDES FLOW CONTROL INSERT)	
380142-10 (1.0 GPM)		
380142-15 (1.5 GPM)		
380142-20 (2.0 GPM)		

PNEUMATIC PUSH BUTTONS

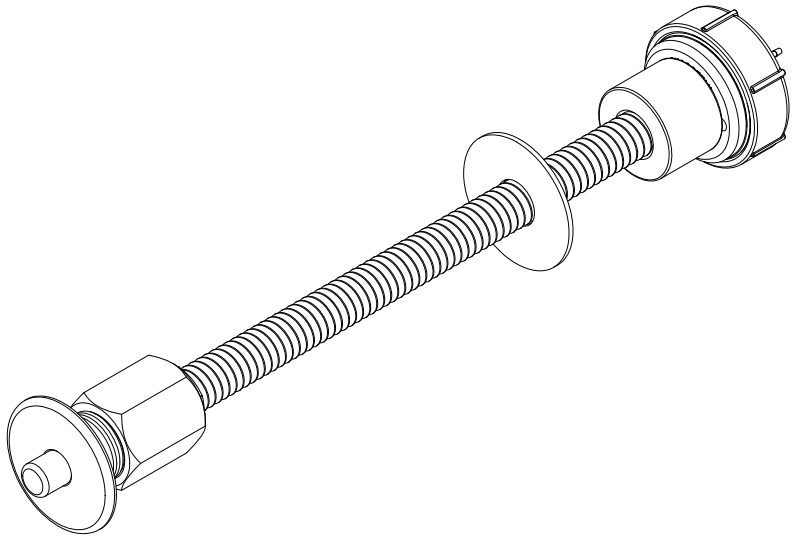
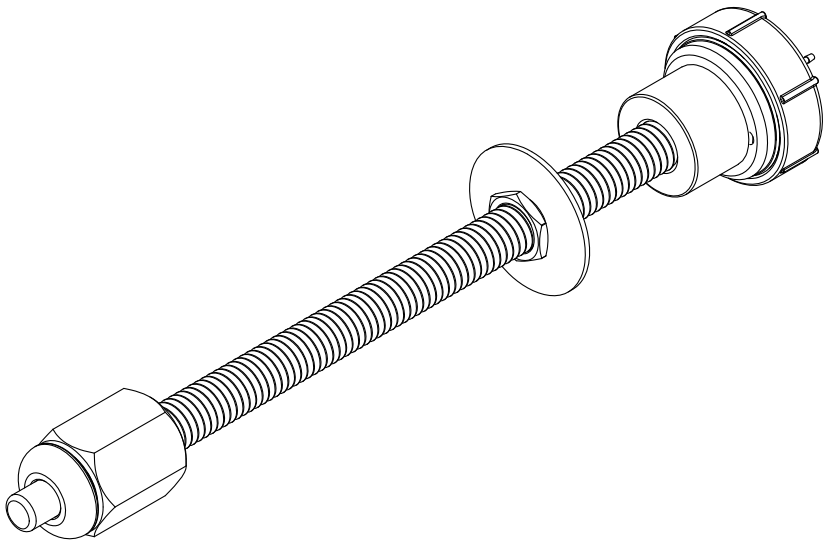
NOTES:

P/N & DESCRIPTION	COMPONENT/ASSEMBLY
P/N: 805192 **(PPB)** PNEUMATIC, STANDARD	
P/N: 600307FA **(PPB)** PNEUMATIC, STANDARD, FRONT ACCESS (W/ PLATE)	
P/N: 600308 **(PPB)** PNEUMATIC, STANDARD, 90° HOSE-BARB	
P/N: 810765 **(PLPB)** PNEUMATIC, PALM/ FOOT-OPERATED	

P/N & DESCRIPTION	COMPONENT/ASSEMBLY
P/N: 600306LR **(PBH)** PNEUMATIC, LIGATURE-RESISTANT	
P/N: 600305LR **(PBH)** PNEUMATIC, LIGATURE-RESISTANT, 90° HOSE-BARB	
P/N: 600318LR **(PBH-WBL)** PNEUMATIC, LIGATURE-RESISTANT (FOR WBL-2320 LAV.)	
P/N: 816312 PUSH BUTTON, PNEUMATIC, CHINA LAVATORY	

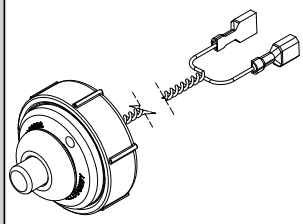
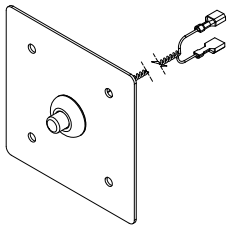
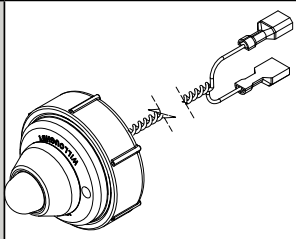
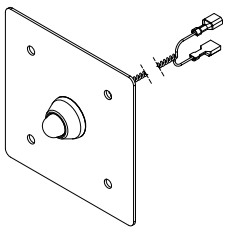
PNEUMATIC PUSH BUTTONS - RECESSED

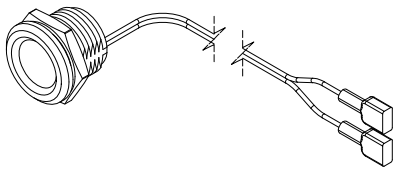
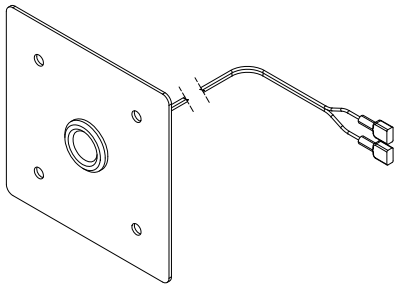
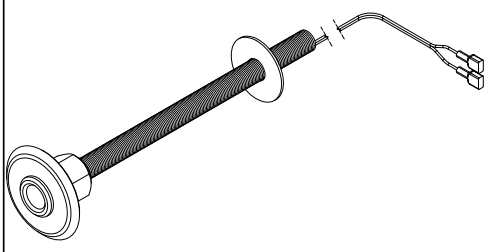
NOTES: _____

P/N & DESCRIPTION	COMPONENT/ASSEMBLY
P/N: 600381 PUSH BUTTON ASSEMBLY, PNEUMATIC, CHINA LAV., THROUGH-WALL (RECESSED)	
P/N: 600380 PUSH BUTTON ASSEMBLY, NEUMATIC, STAINLESS STEEL LAV., THROUGH-WALL (RECESSED)	

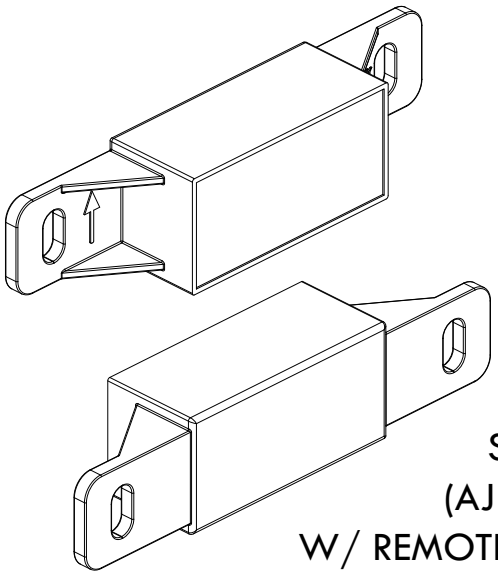
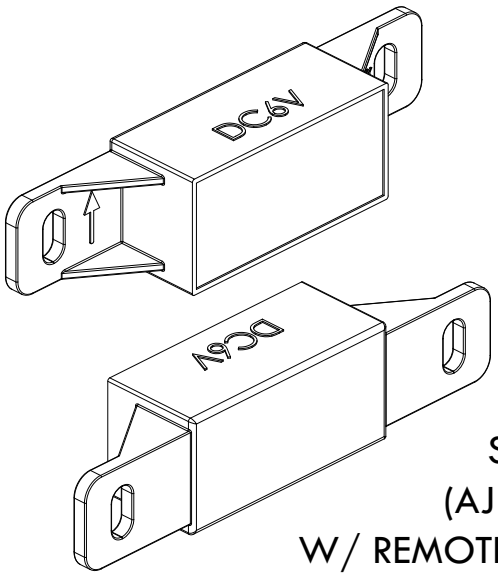
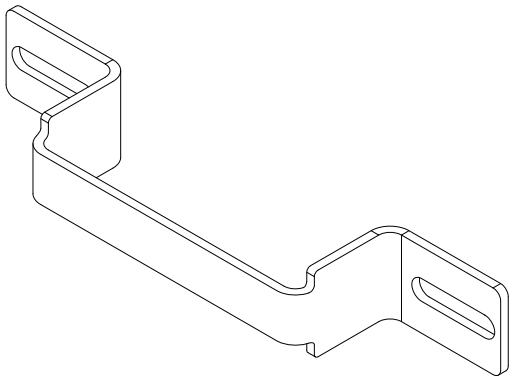
ELECTRONIC PUSH BUTTONS: STANDARD, PIEZO & RECESSED

NOTES:

P/N & DESCRIPTION	COMPONENT/ASSEMBLY
P/N: 600313 **(EPB)** ELECTRONIC, STANDARD	
P/N: 600313FA **(EPB)** ELECTRONIC, STANDARD, FRONT ACCESS (W/ PLATE)	
P/N: 600314LR **(EPBH)** ELECTRONIC, LIGATURE-RESISTANT	
P/N: 600314FA **(EPBH)** ELECTRONIC, LIGATURE-RESISTANT, FRONT ACCESS (W/ PLATE)	

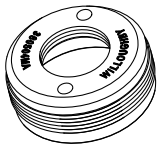
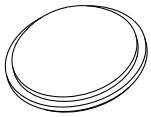
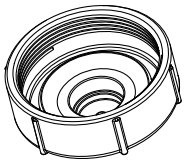
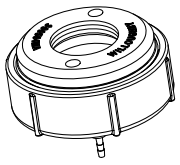
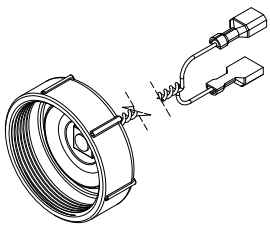
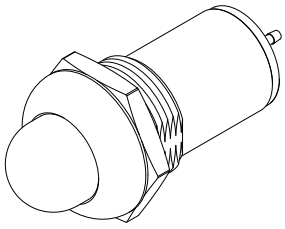
P/N & DESCRIPTION	COMPONENT/ASSEMBLY
P/N: 808497 **(PZPB)** ELECTRONIC, PIEZO	
P/N: 701179CFA **(PZPB)** ELECTRONIC, PIEZO, REMOTE FRONT ACCESS (W/ PLATE)	
P/N: 600324 **(PZPB)** ELECTRONIC, PIEZO,	

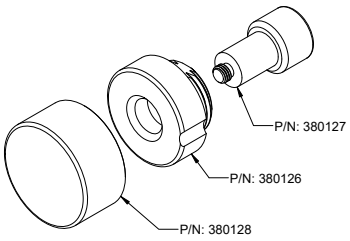
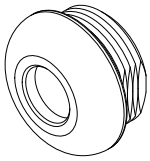
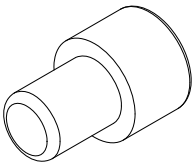
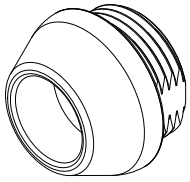
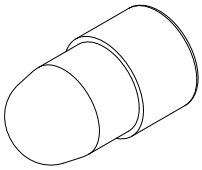
INFRARED ACTUATORS

P/N & DESCRIPTION	COMPONENT
P/N: 817154 **(IR)** INFRARED ACTUATOR, RETROFIT KIT, HARD WIRED POWER SUPPLY, **110VAC (ALT. CURRENT)**	 PRESET 20" SENSOR RANGE (AJUSTABLE 1"-30" W/ REMOTE, **P/N: 700155**)
P/N: 700250 **(BO)** INFRARED ACTUATOR, BATTERY-OPERATED, **6V DIRECT CURRENT** <u>SEE SECTION 10 FOR FURTHER INFO</u>	 PRESET 20" SENSOR RANGE (AJUSTABLE 1"-30" W/ REMOTE, **P/N: 700155**)
P/N: S301092 INFRARED SENSOR MOUNTING BRACKET	

PUSH BUTTON COMPONENTS

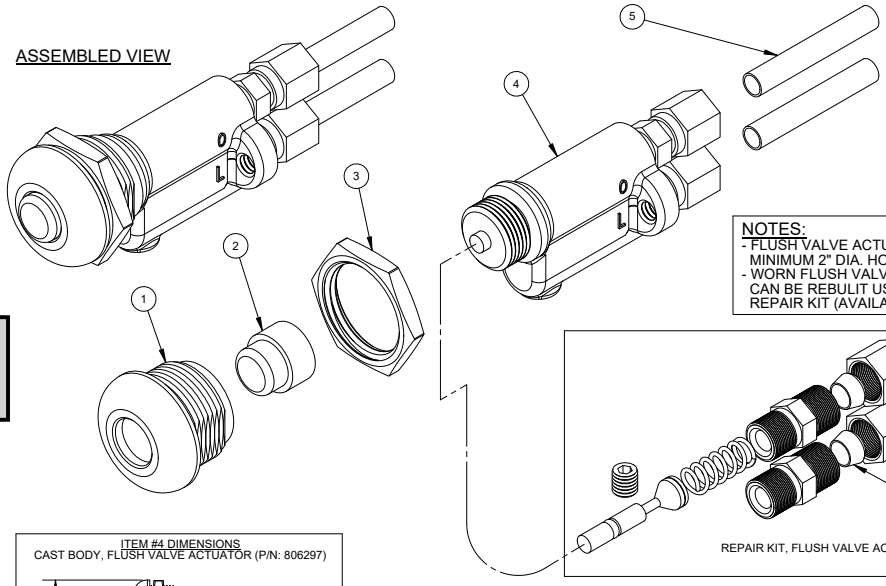
NOTES:

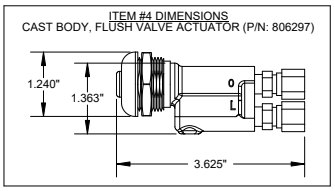
P/N & DESCRIPTION	COMPONENT/ASSEMBLY
P/N: 810212 DIAPHRAGM CAP (ELECTRIC & PNEUMATIC)	
P/N: 809928 DIAPHRAGM PUMP (ELECTRIC & PNEUMATIC)	
P/N: 809927 DIAPHRAGM BODY (ELECTRIC & PNEUMATIC)	
P/N: 815190 DIAPHRAGM REPAIR KIT (ELECTRIC & PNEUMATIC) INCLUDES: 810212, 829928 809927	
P/N: 600320 DIAPHRAGM BODY, ELECTRONIC (INCLUDES SWITCH, LEADS, & CONNECTORS)	
P/N: 804386 PUSH BUTTON, PUMP (CABINET SHOWER REPL.)	

P/N & DESCRIPTION	COMPONENT/ASSEMBLY
P/N: 600311RK REPAIR KIT, PALM/FOOT- OPERATED PUSH BUTTON	
P/N: 810273 SLEEVE, STANDARD (ELECTRIC & PNEUMATIC)	
P/N: 810274 PUSH BUTTON, STANDARD (ELECTRIC & PNEUMATIC)	
P/N: 380119 SLEEVE, LIGATURE-RESISTANT (ELECTRIC & PNEUMATIC)	
P/N: 600046 PUSH BUTTON, LIGATURE- RESISTANT (ELECTRIC & PNEUMATIC)	

PANEL MOUNTED FLUSH VALVE ACTUATOR

P/N: 813403

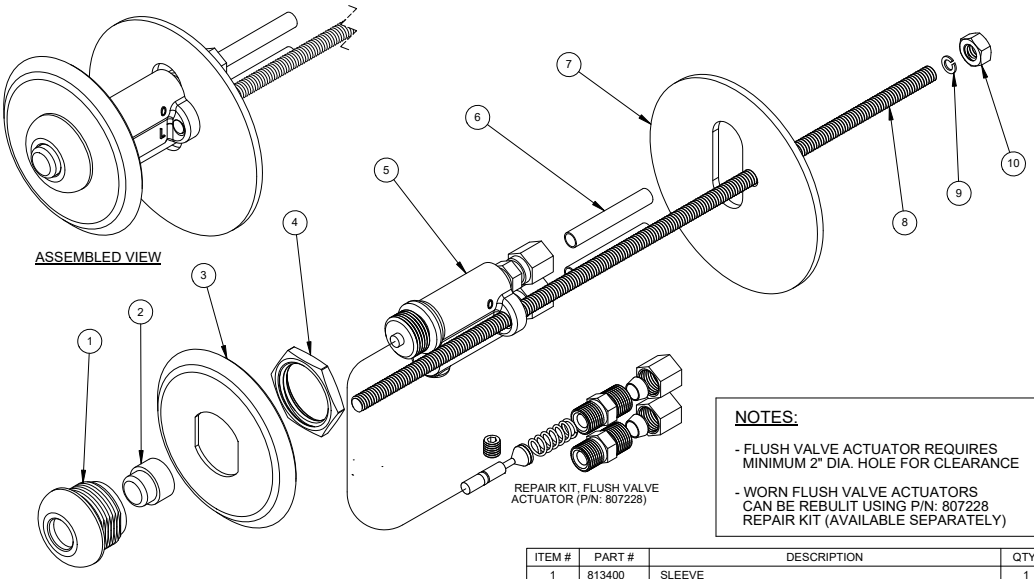




ITEM #	PART #	DESCRIPTION	QTY.
1	813400	SLEEVE	1
2	813401	PUSH BUTTON, FLUSH VALVE ACTUATOR	1
3	810468	HEXNUT, 3/4"-14 NPSM	1
4	806297	CAST BODY, FLUSH VALVE ACTUATOR	1
5	810710	BLACK PLENUM TUBING,1/4"0D X .170"ID X 4'	2
6	600316A	1/4" PLASTIC FERRALE	2
7	600316N	1/4" BRASS HEX NUT	2

REAR MOUNTED FLUSH VALVE ACTUATOR

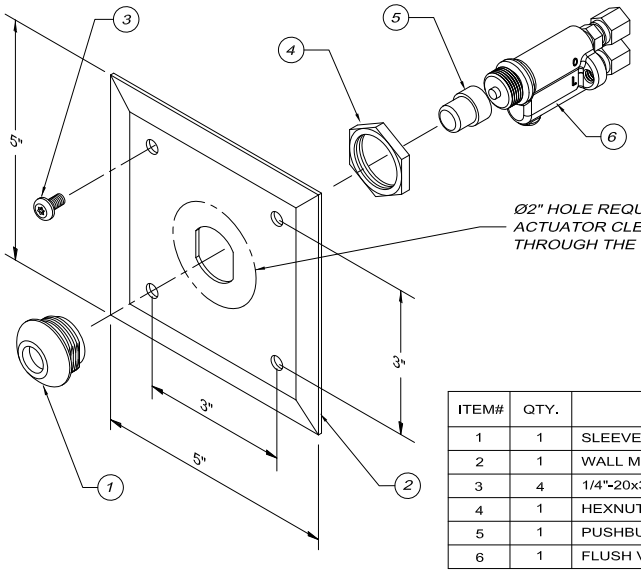
P/N: 600317RM



ITEM #	PART #	DESCRIPTION	QTY.
1	813400	SLEEVE	1
2	813401	PUSH BUTTON, FLUSH VALVE ACTUATOR	1
3	600072	STAINLESS STEEL PLATE, 3" DIA.	1
4	810468	HEXNUT, 3/4"-14 NPSM	1
5	806297	CAST BODY, FLUSH VALVE ACTUATOR	1
6	810710	BLACK PLENUM TUBING,1/4"0D X .170"ID X 4'	2
7	600066	11 GA. GALV. WASHER, 3-1/2" DIA.	1
8	800118	ALL THREAD ROD, 1/4-20 X 12"	1
9	800111	1/4" LOCK WASHER	1
10	600613N	HEX NUT, 1/4"-20, STAINLESS STEEL	1

FRONT MOUNTED FLUSH VALVE ACTUATOR

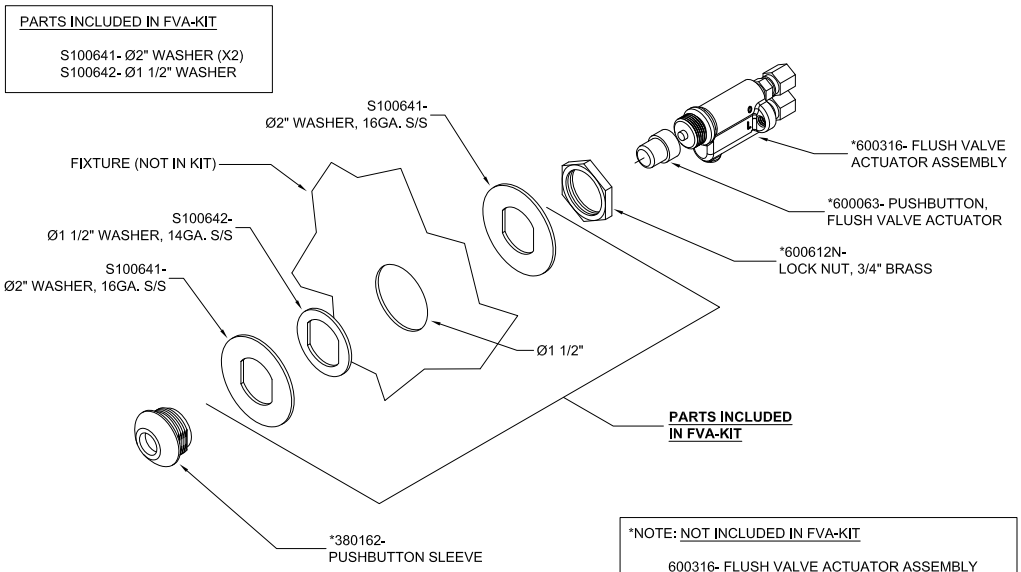
P/N: 600317FA



ITEM#	QTY.	DESCRIPTION	PART #
1	1	SLEEVE	813400
2	1	WALL MOUNTING COVER PLATE	S001872
3	4	1/4"-20x3/4" LONG S/S PIN TORX SCREWS	4502SSN
4	1	HEXNUT, 3/4" NPT BRASS	810468
5	1	PUSHBUTTON FLUSH VALVE ACTUATOR	813401
6	1	FLUSH VALVE ACTUATOR ASSEMBLY	806297

ADAPTER KIT FLUSH VALVE ACTUATOR

P/N: FVA-KIT



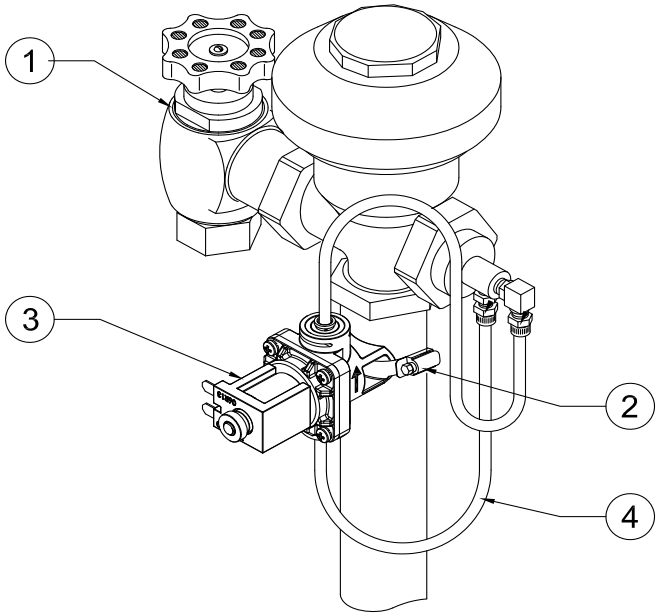
*NOTE: NOT INCLUDED IN FVA-KIT

600316- FLUSH VALVE ACTUATOR ASSEMBLY
600063- PUSHBUTTON, FLUSH VALVE ACTUATOR
380162- PUSHBUTTON SLEEVE
600612N- LOCK NUT

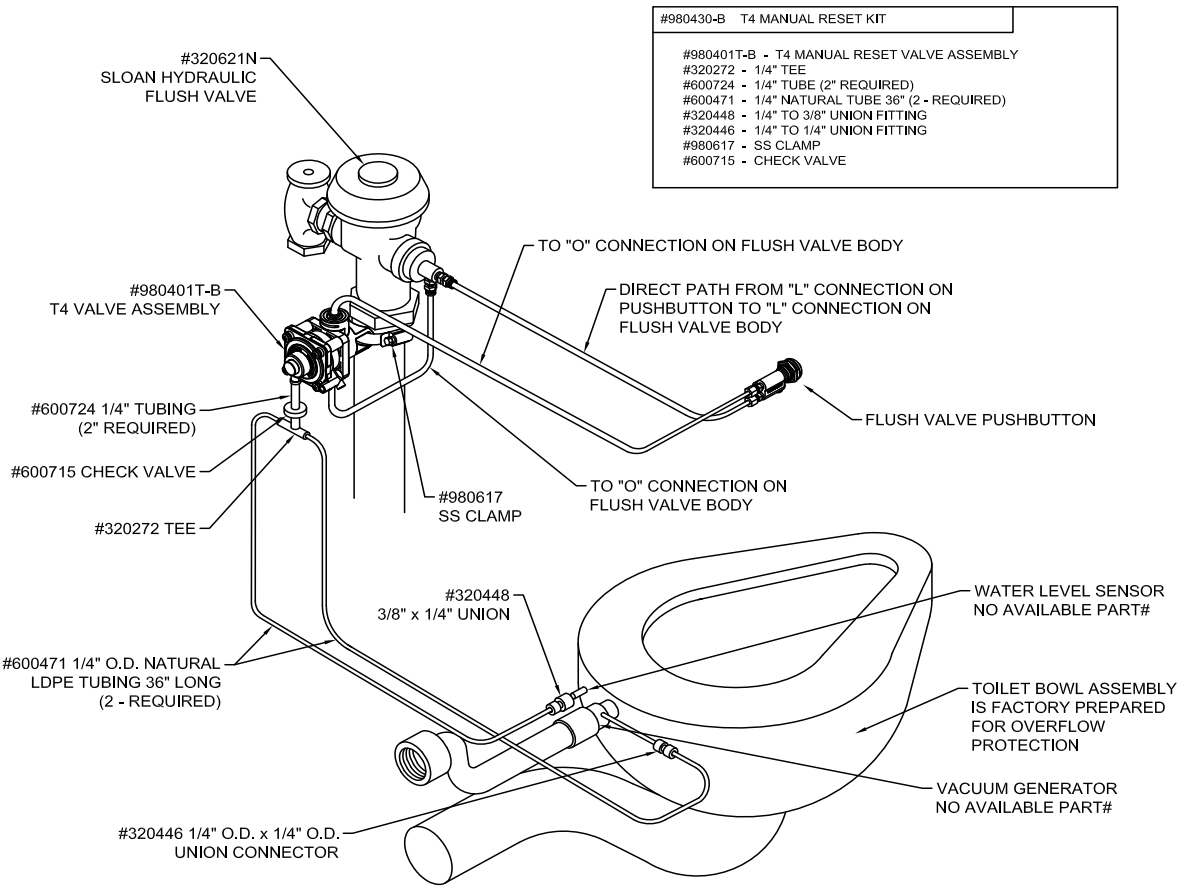
ELECTRONIC FLUSH VALVE ACTUATOR

ITEM#	DESCRIPTION	PART#
1	FLUSHOMETER (SOLD SEPARATE)	N/A
2	HOSE CLAMP, STAINLESS STEEL	980617
3	VALVE ASSEMBLY, 24V EFV	980630
4	1/4" PLENUM TUBING, (2) 12" SECTIONS	390010

P/N: 980635



T4 TOILET OVERFLOW PREVENTER



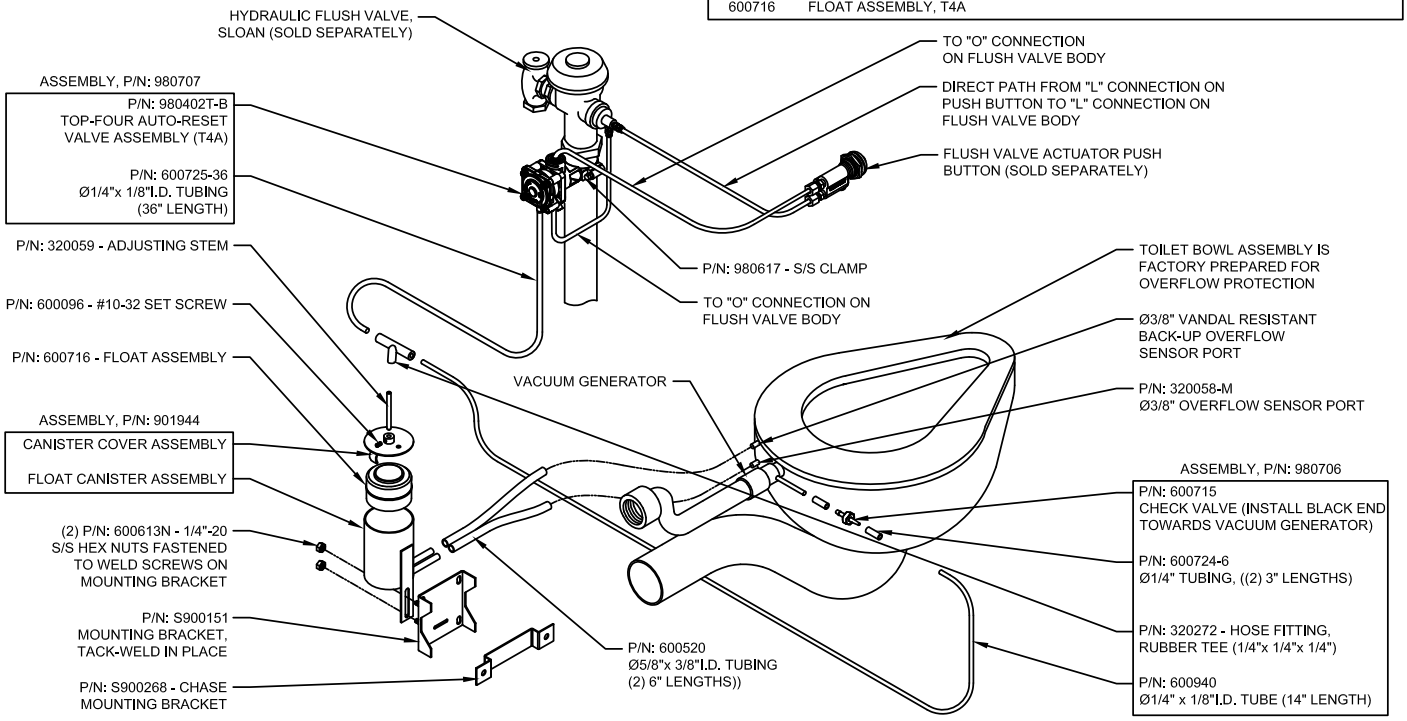
THE WILLOUGHBY "TOP-FOUR" TOILET OVERFLOW PREVENTER IS DESIGNED TO PREVENT A TOILET FROM OVER-FLOWING. IT IS RECOMMENDED FOR FACILITIES WITH HIGH VANDALISM (PRISONS, PARKS, SCHOOLS, ETC...) AND IS NORMALLY USED IN CONJUNCTION WITH COMBINATION UNITS AND BACK SUPPLY TOILETS WHERE AN ACCESSIBLE PIPE CHASE IS PROVIDED. UNIT HAS MANUAL RESET BUTTON.

WILLOUGHBY

T4A TOILET OVERFLOW PREVENTER: AUTO-RESET

NOTES:

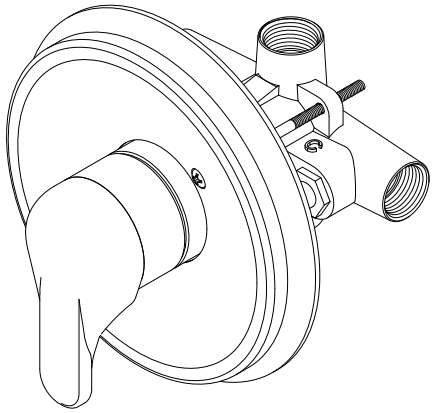
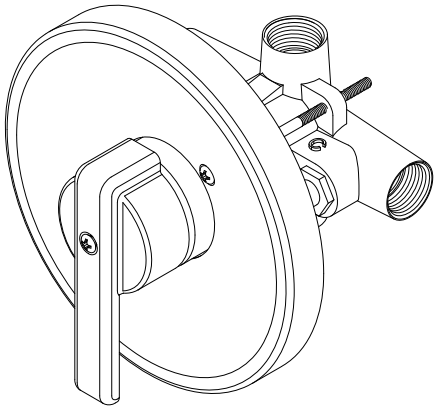
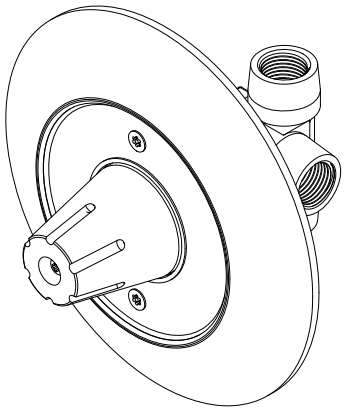
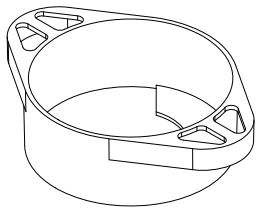
T4A (AUTO-RESET) KIT			
320059	STEM, T4A, WELDED	980706	ASSEMBLY, VACUUM CHECK VALVE
600096	SOCKET SCREW, #10-32	980707	ASSEMBLY, VALVE AND CLAMP, T4A
600520	TUBING, CLEAR PVC, 6"	S900151	TUBE BRACKET, T4A
600613N	NUT, HEX, 1/4-20 (2 REQ.)	S901944	CANISTER WELDMENT ASSEMBLY
600716	FLOAT ASSEMBLY, T4A		



WILLOUGHBY "TOP-FOUR" TOILET OVERFLOW PREVENTERS ARE DESIGNED TO PREVENT A TOILET FROM OVER-FLOWING. IT IS RECOMMENDED FOR FACILITIES WITH HIGH VANDALISM (PRISONS, PARKS, SCHOOLS, ETC...) AND IS NORMALLY USED IN CONJUNCTION WITH COMBINATION UNITS AND BACK SUPPLY TOILETS WHERE AN ACCESSIBLE PIPE CHASE IS PROVIDED. TOP-FOUR-B OVERFLOW PREVENTER UNIT HAS AN AUTOMATIC RESET.

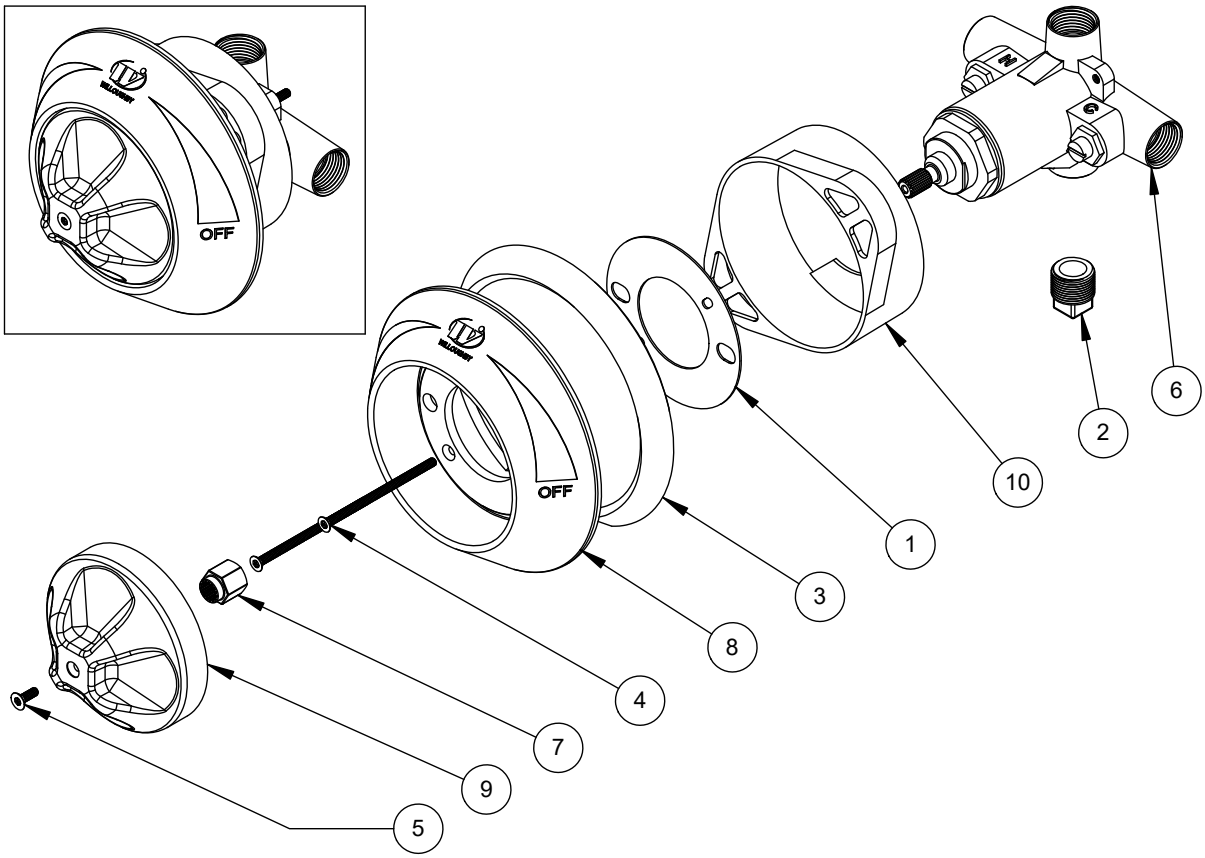
WILLOUGHBY

MIXING VALVE ASSEMBLIES

P/N & DESCRIPTION	COMPONENT/ASSEMBLY
P/N: 700720 **(TPV)** TEMPERATURE/ PRESSURE-BALANCING SHOWER MIXING VALVE	
P/N: P902G **(PBV)** PRESSURE-BALANCING SHOWER MIXING VALVE	
P/N: 700340 **(PBLR)** LIGATURE-RESISTANT PRESSURE-BALANCING SHOWER MIXING VALVE	
P/N: 900-119 THIN-WALL MOUNTING BRACKET, (TPV) (TPLR)	

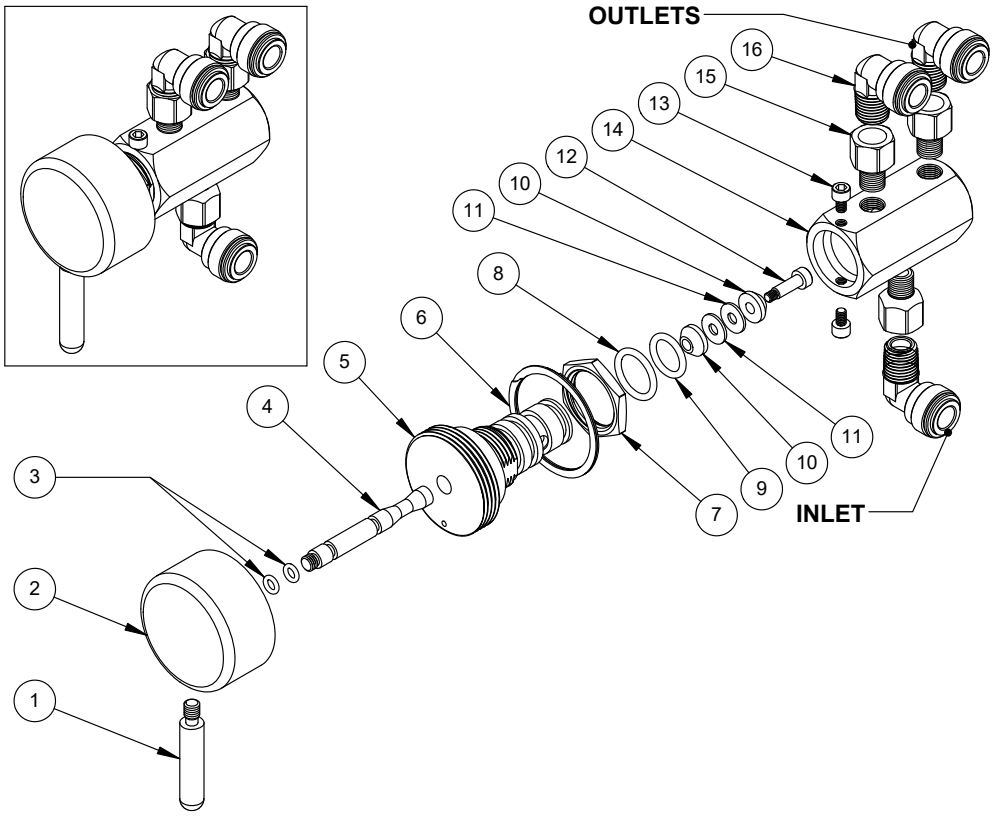
MIXING VALVES: LIGATURE-RESISTANT

(TPLR) LIG-RES. TEMP./PRESSURE-BALANCING MIXING VALVE - **P/N: 701500**



ITEM #	PART #	DESCRIPTION
1	320016	GASKET, SHOWER HANDLE ESCUTCHEON
2	320260	PLUG, BRASS, 1/2 MPT
3	380058	GASKET, ADHESIVE BACK, NEOPRENE, 1/2" x 1/8"
4	4506SSN	8-32 X 3" SS FH SECURITY SCREW
5	4517SSN	SCREW, SECURITY, FH, #8-32 X 1/2", SS, PIN-TORX
6	701496	MIXING VALVE, E700 T/P, NPT 1/2" INLETS/OUTLETS
7	701497	INSERT, LIG. RESISTANT HANDLE SET, WILLOUGHBY
8	701498	DIAL PLATE, LIGATURE RESISTANT HANDLE SET, WILLOUGHBY
9	701499	SHOWER HANDLE, LIGATURE RESISTANT HANDLE SET, WILLOUGHBY
10	900-119	MOUNTING BRACKET, THIN WALL

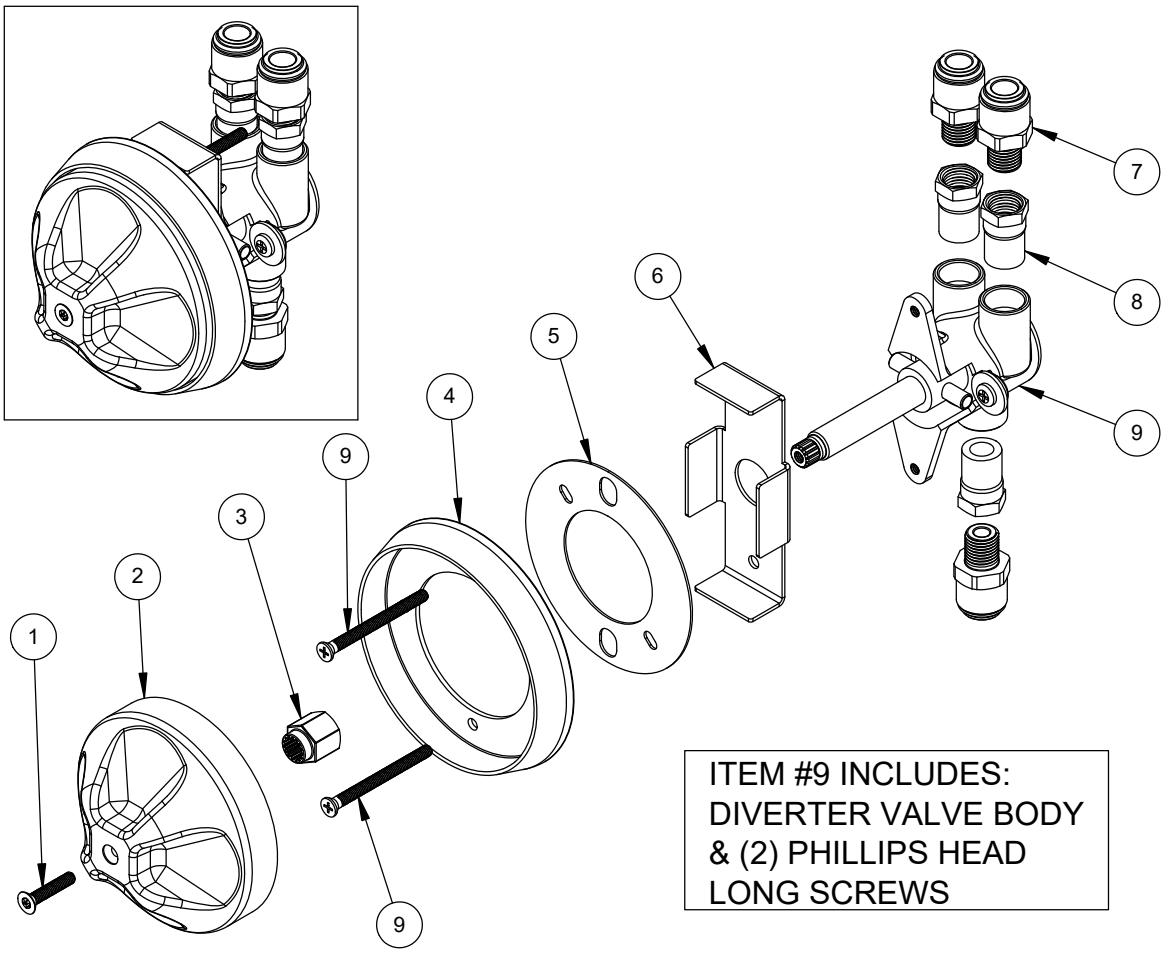
(DV) STANDARD SHOWER DIVERTER VALVE - **P/N: 920022**



ITEM #	PART #	DESCRIPTION
1	200171	HANDLE, DIVERTER VALVE S/S
2	200169	KNOB, DIVERTER VALVE S/S
3	810047	O-RING (#008), .176ID X .070W, SELF LUBE
4	600034	STEM, WMDV MIX / DIVERTER VALVE
5	600599	SLEEVE, WMDV MIX / DIVERTER VALVE
6	380054	RING, SPIRAL RETAINING S/S, 1-3/4" INTERNAL
7	810468	HEXNUT, 3/4"-14 NPSM
8	804140	O-RING (#115)
9	804157	O-RING (#113)
10	804145	WASHER, FAUCET- TAPERED "00"
11	804146	WASHER, TEFLON
12	540014	SCREW, SHOULDER SOCKET HEAD, #8-32 THREAD, S/S, 3/16" x 1/2"
13	810704	CAP SCREW, SOCKET HEAD, S/S, #8-32 X 5/16"
14	600607	VALVE BODY, WMDV MIX / DIVERTER VALVE
15	320546	ADAPTER, 1/4" FPT x 1/8" MPT
16	320402	ELBOW, 1/4" NPTF MALE X 3/8" TUBE PUSH-TO-CONNECT

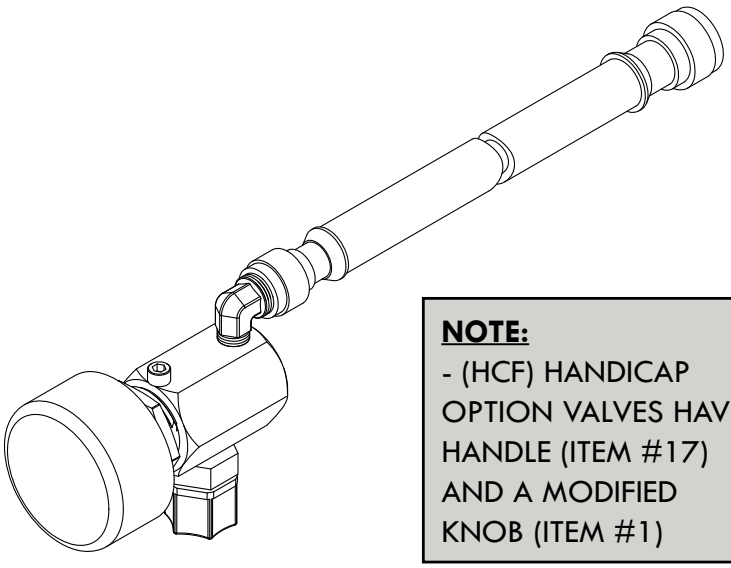
DIVERTER VALVES: LIGATURE-RESISTANT

(DVLR) LIGATURE-RESISTANT DIVERTER VALVE - **P/N: 701505**



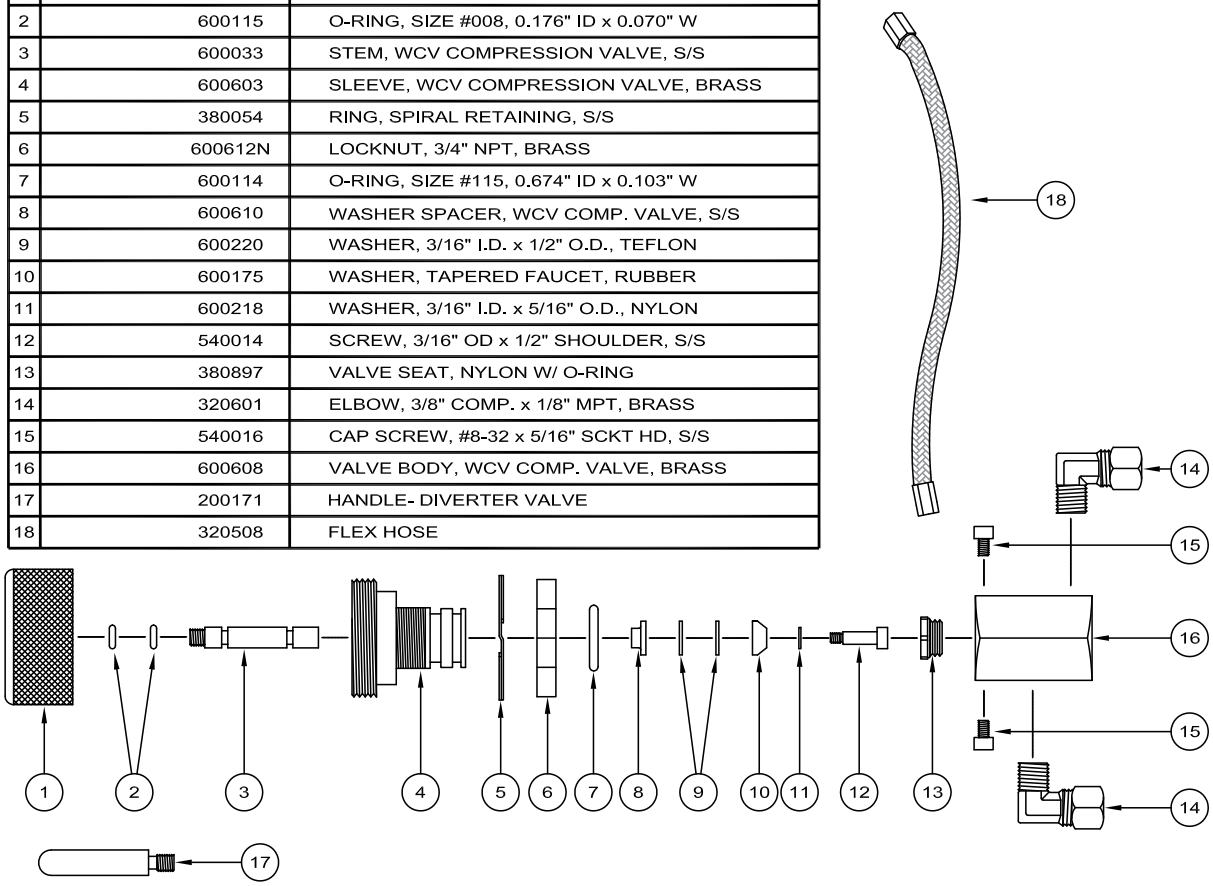
ITEM #	PART #	DESCRIPTION
1	540013	SCREW #10-32 X 1" FH PIN TORX
2	701499	SHOWER HANDLE, LIGATURE RESISTANT HANDLE SET, WILLOUGHBY
3	701508	INSERT, BRASS, DVLR HANDLE
4	701510	ESCUTCHEON, DVLR, LIGATURE RESISTANT DIVERTER VALVE
5	320016	GASKET, SHOWER HANDLE ESCUTCHEON
6	S901959	BRACKET, DVLR, DIVERTER VALVE ASSM.
7	320429	TUBE FITTING, ADAPTOR, 3/8 TUBE X 1/4 MPT
8	701509	FITTING, SWEAT, 1/4-18 NPT X 1/2" TUBE
9	701506	DIVERTER VALVE, POWERS 3-WAY, DVLR

COMPRESSION VALVES: STANDARD

P/N & DESCRIPTION	COMPONENT/ASSEMBLY
P/N: WCV1F COMPRESSION VALVE, SINGLE TEMP.	
P/N: WCV2F COMPRESSION VALVE, DUAL TEMP.	
P/N: WCV1HCF COMPRESSION VALVE, SINGLE TEMP, HANDICAP OPTION	
P/N: WCV2HCF COMPRESSION VALVE, DUAL TEMP, HANDICAP OPTION	

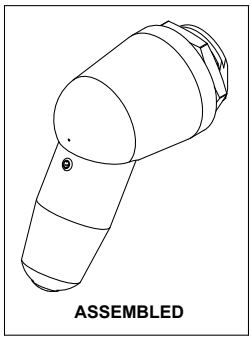
NOTE:
- (HCF) HANDICAP OPTION VALVES HAVE HANDLE (ITEM #17) AND A MODIFIED KNOB (ITEM #1)

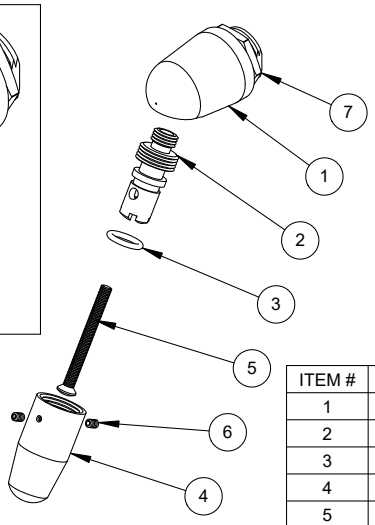
#	PART #	DESCRIPTION
1	200167	KNOB, SECURITY VALVE, S/S
2	600115	O-RING, SIZE #008, 0.176" ID x 0.070" W
3	600033	STEM, WCV COMPRESSION VALVE, S/S
4	600603	SLEEVE, WCV COMPRESSION VALVE, BRASS
5	380054	RING, SPIRAL RETAINING, S/S
6	600612N	LOCKNUT, 3/4" NPT, BRASS
7	600114	O-RING, SIZE #115, 0.674" ID x 0.103" W
8	600610	WASHER SPACER, WCV COMP. VALVE, S/S
9	600220	WASHER, 3/16" I.D. x 1/2" O.D., TEFLON
10	600175	WASHER, TAPERED FAUCET, RUBBER
11	600218	WASHER, 3/16" I.D. x 5/16" O.D., NYLON
12	540014	SCREW, 3/16" OD x 1/2" SHOULDER, S/S
13	380897	VALVE SEAT, NYLON W/ O-RING
14	320601	ELBOW, 3/8" COMP. x 1/8" MPT, BRASS
15	540016	CAP SCREW, #8-32 x 5/16" SCKT HD, S/S
16	600608	VALVE BODY, WCV COMP. VALVE, BRASS
17	200171	HANDLE- DIVERTER VALVE
18	320508	FLEX HOSE

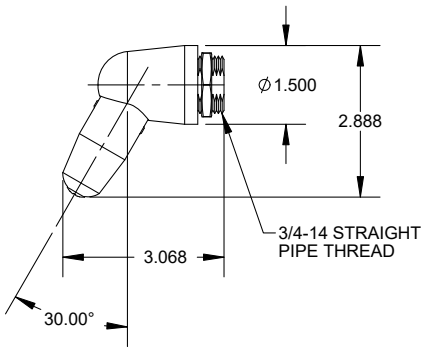


APS USER ADJUSTABLE SHOWER HEADS (WSH-5D)

(APS) 30° SPRAY ANGLE - P/N: 509980

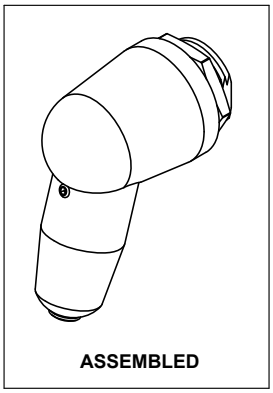


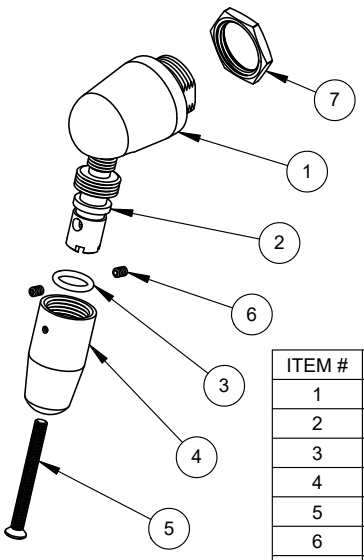


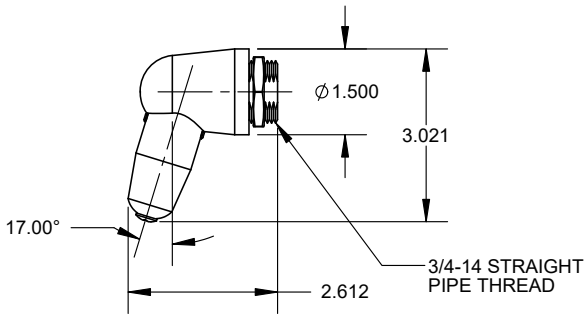


ITEM #	PART #	DESCRIPTION	QTY.
1	380007	WSH-5D SHOWERHEAD BASE 30°	1
2	810192	NOZZLE ORIFICE, WSH-5	1
3	804356	O-RING (#111) #77035-R .142"ID	1
4	810196	SHOWERHEAD CAP, WSH-5	1
5	810195	SCREW, #8-32 X 2-1/2", STAINLESS STEEL	1
6	810058	#8-32 SET SCREW	2
7	810468	HEXNUT, 3/4"-14 NPSM	1

(APS17) 17° SPRAY ANGLE - P/N: 380026



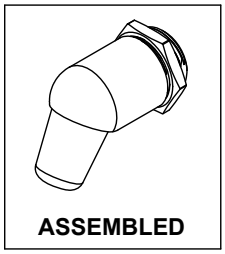


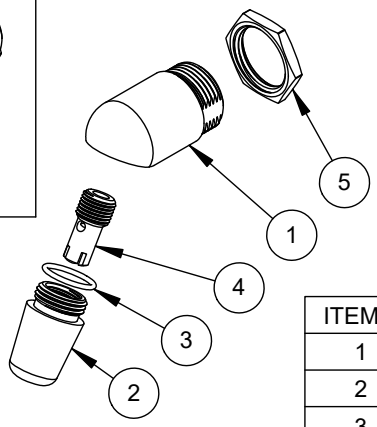


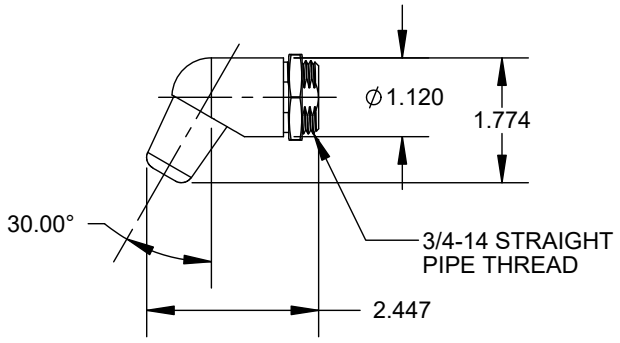
ITEM #	PART #	DESCRIPTION	QTY.
1	380008	WSH-5D SHOWERHEAD BASE 17°	1
2	810192	NOZZLE ORIFICE, WSH-5	1
3	804356	O-RING (#111) #77035-R .142"ID	1
4	810196	SHOWERHEAD CAP, WSH-5	1
5	810195	SCREW, #8-32 X 2-1/2", STAINLESS STEEL	1
6	810058	#8-32 SET SCREW	2
7	810468	HEXNUT, 3/4"-14 NPSM	1

NPS NON-USER ADJUSTABLE SHOWER HEADS (WSH-7)

(NPS) 30° SPRAY ANGLE - **P/N: 500229**

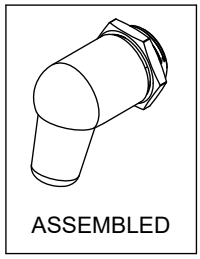


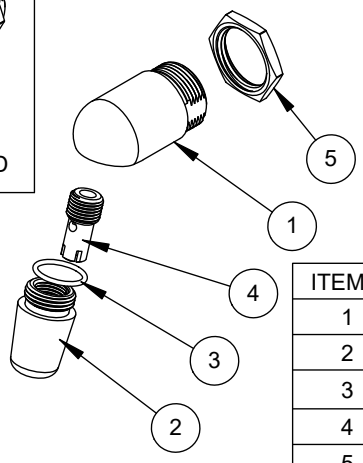


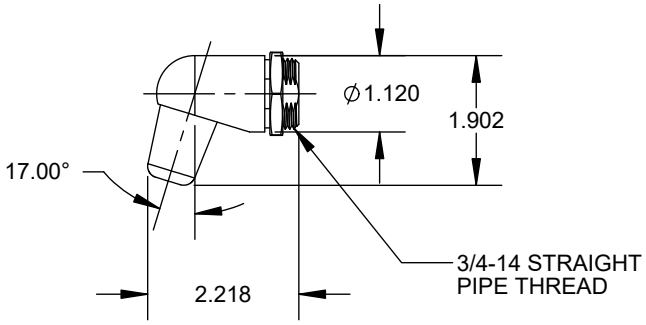


ITEM #	PART #	DESCRIPTION	QTY.
1	380029	SHOWER HEAD BASE - 30 DEG.	1
2	811620	SHOWERHEAD CAP	1
3	811624	O-RING (#017) EPDM NSF61	1
4	811621	SHOWERHEAD INSERT	1
5	810468	HEXNUT, 3/4"-14 NPSM	1

(NPS17) 17° SPRAY ANGLE - **P/N: 012416**





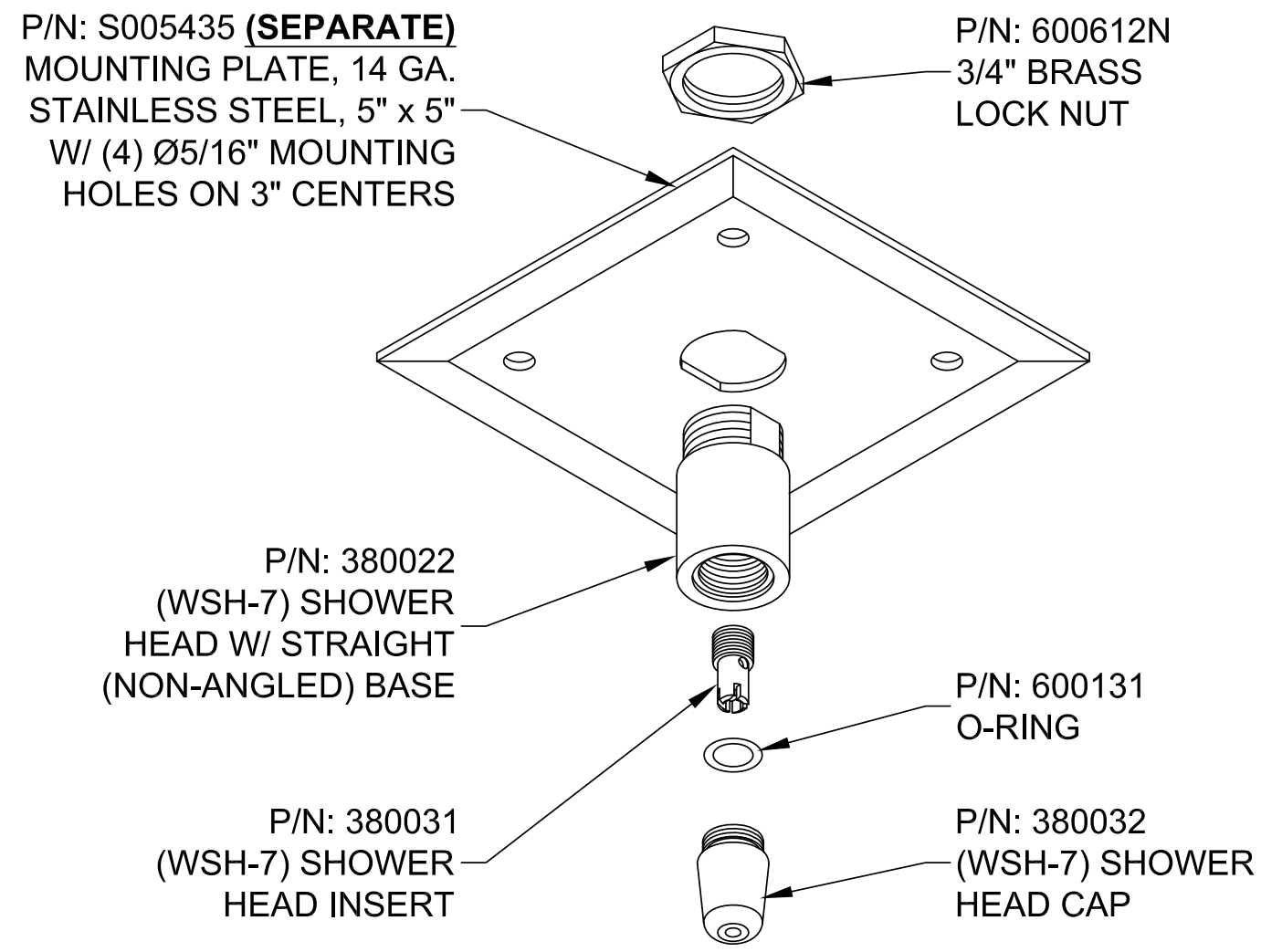


ITEM #	PART #	DESCRIPTION	QTY.
1	380010	SHOWER HEAD BASE - 17 DEGREE	1
2	811620	SHOWERHEAD CAP	1
3	811624	O-RING (#017) EPDM NSF61	1
4	811621	SHOWERHEAD INSERT	1
5	810468	HEXNUT, 3/4"-14 NPSM	1

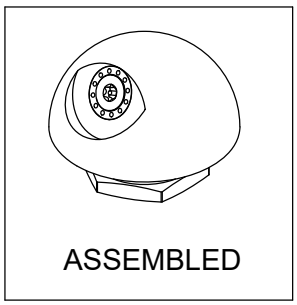
WILLOUGHBY

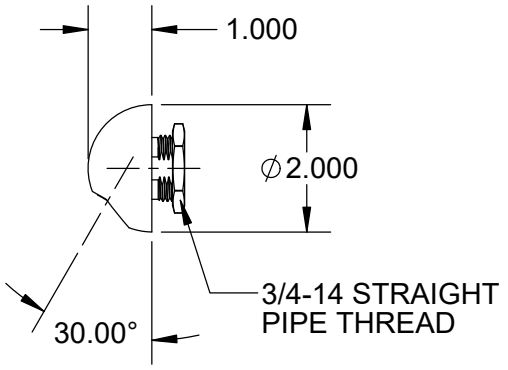
NPS NON-USER ADJUSTABLE SHOWER HEADS (WSH-7)

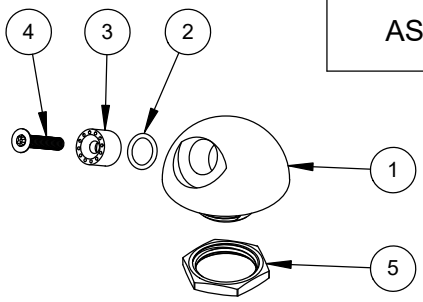
(CMSH) CEILING MOUNTED - P/N: 370098CM



(CSH) 30° SPRAY ANGLE - P/N: 608069

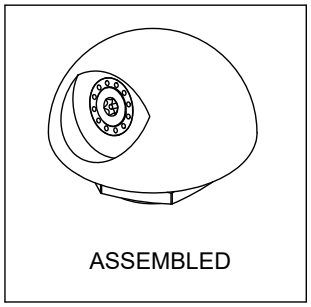


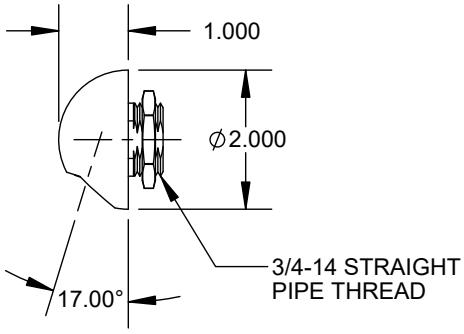


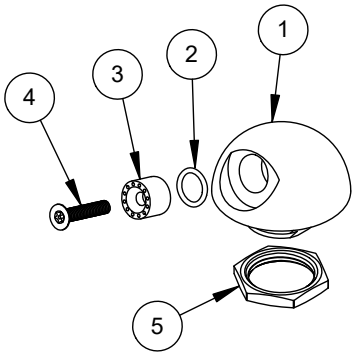


ITEM #	PART #	DESCRIPTION	QTY.
1	380070	HEMISPHERIC SHOWERHEAD BASE, 30°	1
2	600129	O-RING, #013, BUNA N-70	1
3	380072	SHOWER HEAD INSERT	1
4	540013	SCREW #10-32 X 1" FH PIN TORX	1
5	810468	HEXNUT, 3/4"-14 NPSM	1

(CSH17) 17° SPRAY ANGLE - P/N: 380024

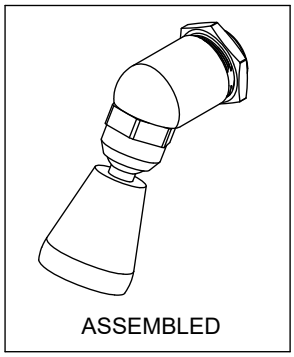


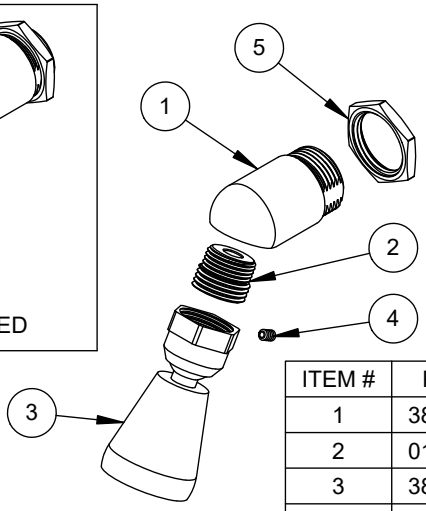


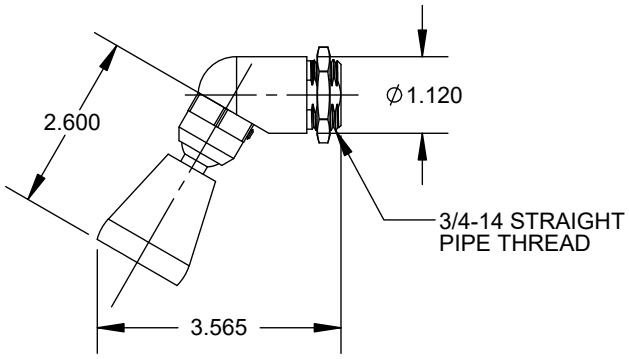


ITEM #	PART #	DESCRIPTION	QTY.
1	380064	HEMISPHERIC SHOWER HEAD 17	1
2	600129	O-RING, #013, BUNA N-70	1
3	380072	SHOWER HEAD INSERT	1
4	540013	SCREW #10-32 X 1" FH PIN TORX	1
5	810468	HEXNUT, 3/4"-14 NPSM	1

(LBJ) LOCKABLE BALL JOINT - **P/N: 500610**

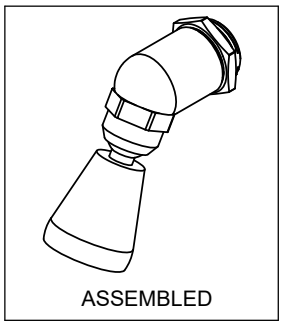


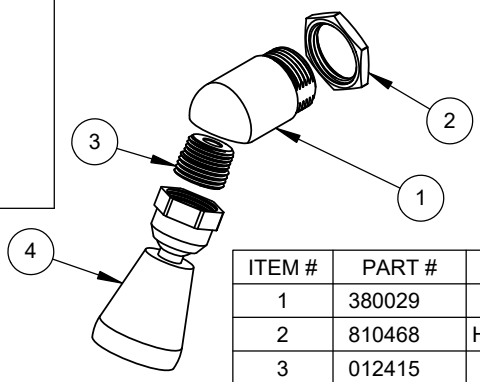


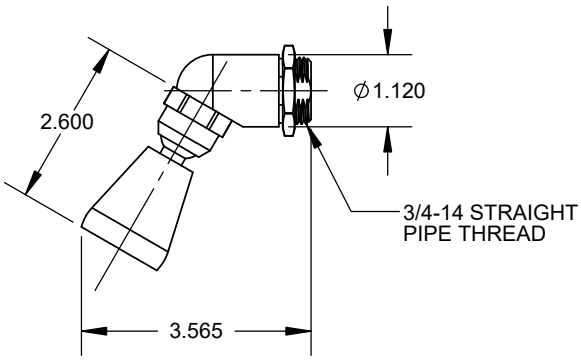


ITEM #	PART #	DESCRIPTION	QTY.
1	380029	SHOWER HEAD BASE - 30 DEG.	1
2	012415	THREADED SWIVEL ADAPTER	1
3	380020	UNIVERSAL BALL JOINT SHOWERHEAD	1
4	810058	#8-32 SET SCREW	1
5	810468	HEXNUT, 3/4"-14 NPSM	1

(UBJ) UNIVERSAL BALL JOINT - **P/N: 380027**



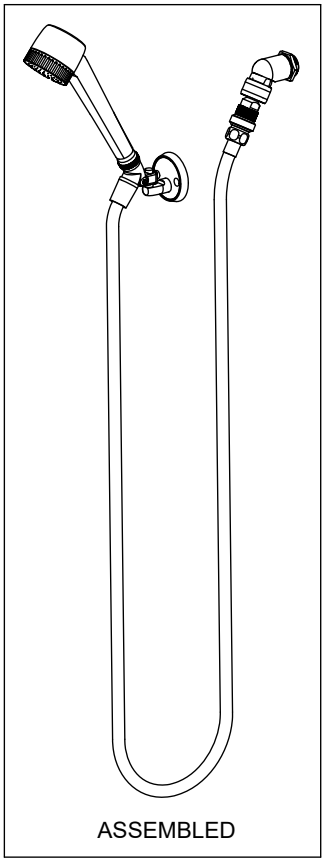




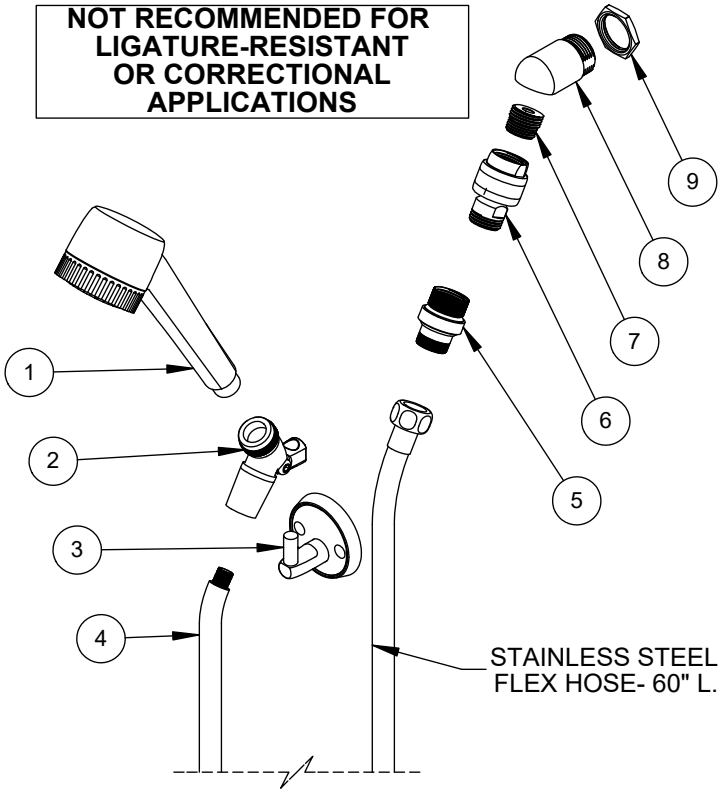
ITEM #	PART #	DESCRIPTION	QTY.
1	380029	SHOWER HEAD BASE - 30 DEG.	1
2	810468	HEXNUT, 3/4"-14 NPSM	1
3	012415	THREADED SWIVEL ADAPTER	1
4	380020	UNIVERSAL BALL JOINT SHOWERHEAD	1

FX HAND-HELD FLEXSHOWER HEAD ASSEMBLIES

(FX) WILLOUGHBY FLEXSHOWER ASSEMBLY - P/N: P981059D



NOT RECOMMENDED FOR LIGATURE-RESISTANT OR CORRECTIONAL APPLICATIONS

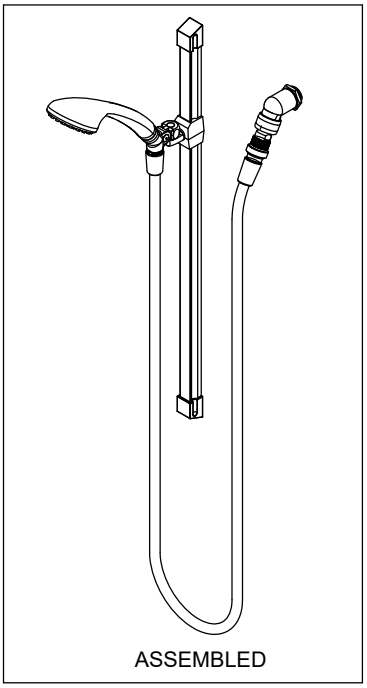


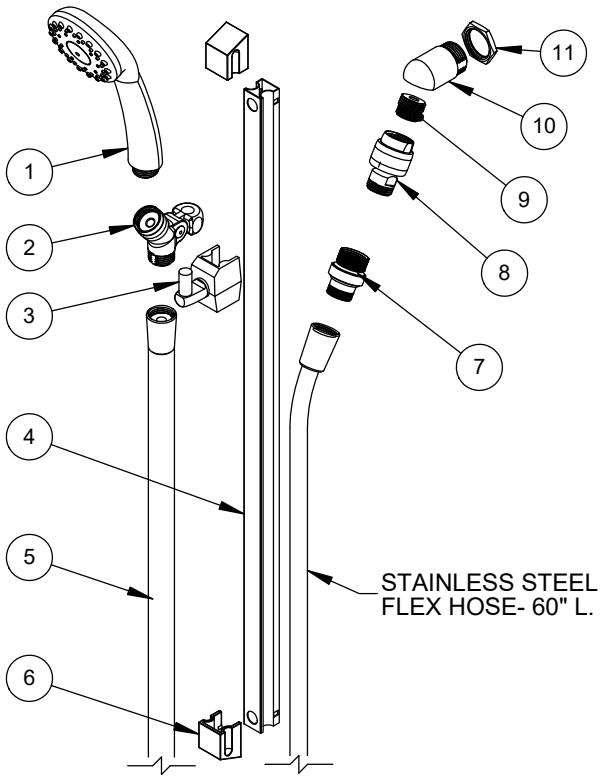
ITEM #'S 1, 2, 4, & 5, AVAILABLE AS **P/N: 012413** HAND HELD FLEXSHOWER ASSEMBLY

ITEM #	PART #	DESCRIPTION
1	600677	FIXED SPRAY HAND HELD SHOWER HEAD
2	600676	SWIVEL CONNECTOR HOOK
3	600681	WALL MOUNT FX HOOK
4	600680	STAINLESS STEEL FLEX HOSE FOR FLEXSHOWER
5	600679	QUICK CONNECT ADAPTER
6	012414	VACUUM BREAKER- FLEXSHOWER
7	012415	THREADED SWIVEL ADAPTER
8	380029	SHOWER HEAD BASE - 30 DEG.
9	810468	HEXNUT, 3/4"-14 NPSM
N/A	012413	HAND-HELD FLEXSHOWER HANDLE ASSEMBLY

FX HAND-HELD FLEXSHOWER HEAD ASSEMBLIES

(FX)-(SLB24) SLIDE BAR OPTION FLEXSHOWER - P/N: P051016A





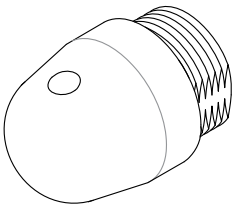
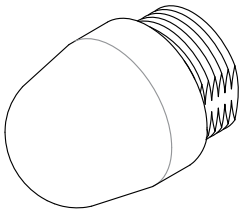
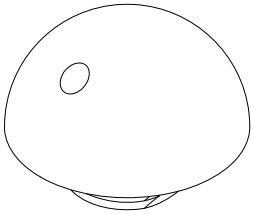
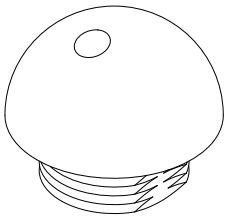
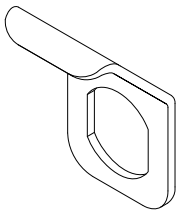
NOT RECOMMENDED FOR LIAGTURE-RESISTANT OR CORRECTIONAL APPLICATIONS

ITEM #'S 1-6 INCLUDED IN **P/N: 600674** 24" SLIDE BAR AND FLEXSHOWER KIT

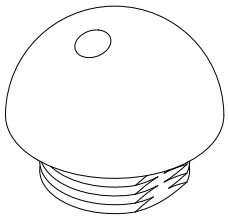
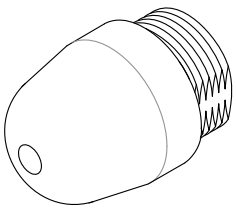
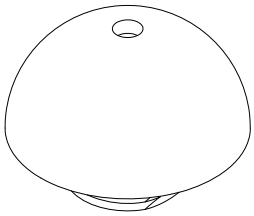
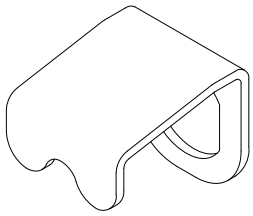
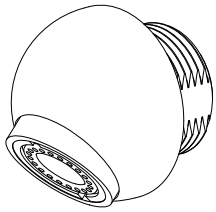
ITEM# 3 AVAILABLE SEPARATELY AS **P/N: 809926**

ITEM #	PART #	DESCRIPTION
1	600674	SPRAY HEAD
2		SWIVEL CONNECTOR HOOK
3		SLIDE BAR HOOK
4		24" FLEXSHOWER SLIDE BAR
5		STAINLESS STEEL FLEX HOSE FOR FLEXSHOWER
6		SLIDE BAR END CAP
7	600679	QUICK CONNECTOR
8	012414	VACUUM BREAKER- FLEXSHOWER
9	012415	THREADED SWIVEL ADAPTER
10	380029	SHOWER HEAD BASE - 30 DEG.
11	810468	HEXNUT, 3/4"-14 NPSM

DECK & ANGLE MOUNTING

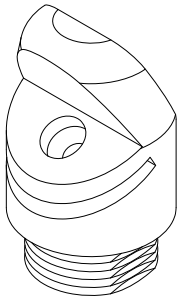
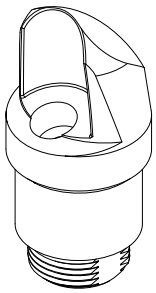
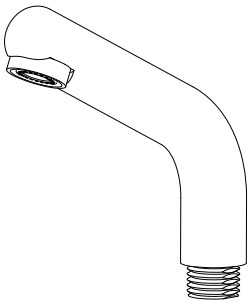
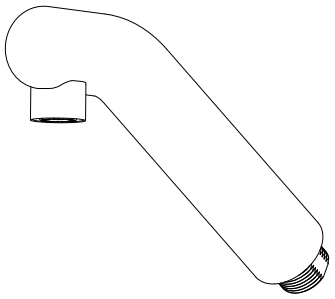
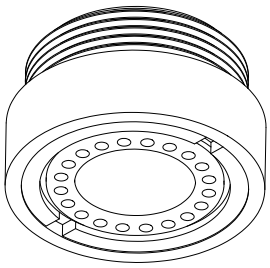
P/N & DESCRIPTION	COMPONENT/ASSEMBLY
P/N: 801630 **(BP)** LAVATORY BUBBLER/ FILLER	
P/N: 003548 **(FL)** LAVATORY FILLER	
P/N: 380068 **(BPH)** LIGATURE-RESISTANT LAVATORY BUBBLER	
P/N: 380074 **(FLH)** LIGATURE-RESISTANT LAVATORY FILLER	
P/N: 003549 **(BC)** CODE BUBBLER MOUTH GUARD (USE W/ **P/N: 801630**)	

VERTICAL MOUNTING

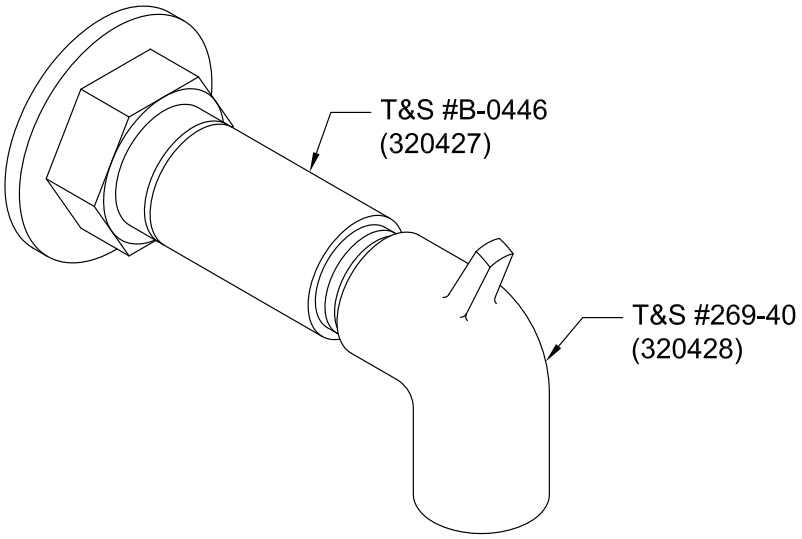
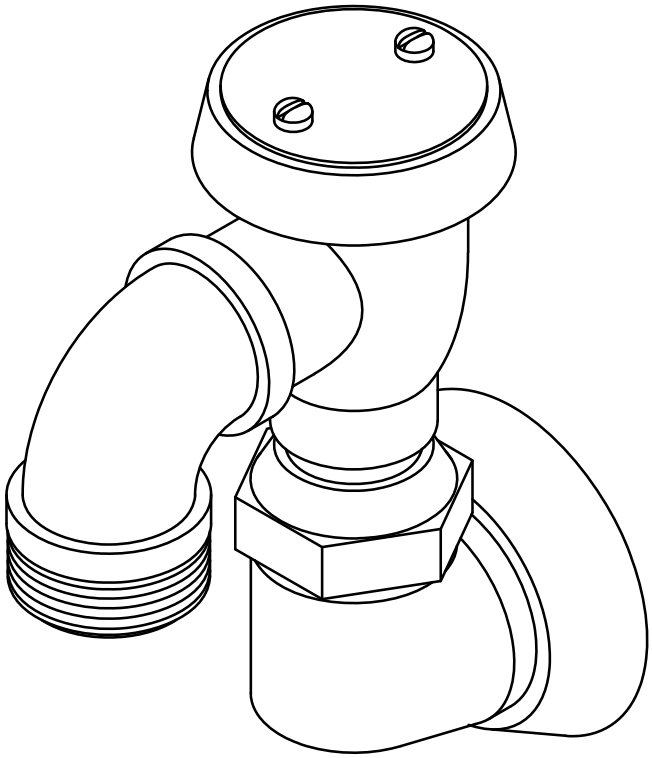
P/N & DESCRIPTION	COMPONENT/ASSEMBLY
P/N: 380074 **(DMBH)** LIGATURE-RESISTANT DECK MOUNTED FILLER	
P/N: 003547 **(SBP)** LAVATORY BUBBLER/ FILLER, ANGLED MOUNTING	
P/N: 380067 **(SBPH)** LIGATURE-RESISTANT CENTER HOLE LAVATORY BUBBLER/FILLER	
P/N: 003546 **(BC)** ANGLED CODE BUBBLER MOUTH GUARD (USE W/ **P/N: 003547**)	
P/N: 320157A-ASMB WASHFOUNTAIN SPRAY HEAD	

NOTES: _____

BUBBLERS & SPOUTS DECK MOUNTED

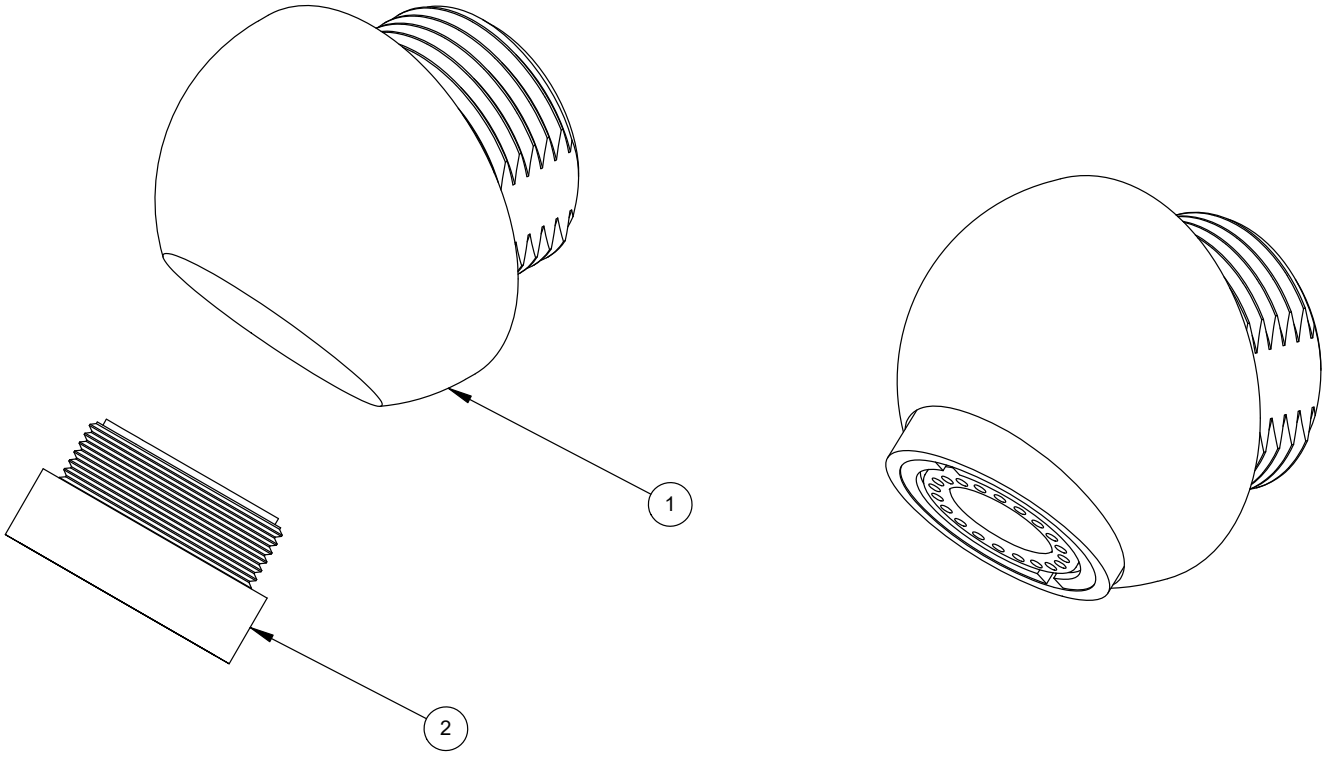
P/N & DESCRIPTION	COMPONENT/ASSEMBLY
P/N: 810463 **(DB)** DECK MOUNTED DRINKING FOUNTAIN BUBBLER	
P/N: 600601HE **(CDB)** COMMERCIAL DECK MOUNTED DRINKING FOUNTAIN BUBBLER	
P/N: 320424 **(DMS)** DECK MOUNTED SPOUT (INCLUDES **P/N: 807131**)	
P/N: 320426 **(BMS)** ANGLED BACKSPLASH MOUNTED SPOUT (**DOES NOT** INCLUDE SPRAY HEAD **P/N: 807131**)	
P/N: 807131 SPRAY HEAD, 0.5 GPM	

SERVICE SINK SPOUTS

P/N & DESCRIPTION	COMPONENT/ASSEMBLY
P/N: 320427 **(SE)** SPOUT FOR SERVICE SINK	
P/N: 320428 **(SE)** PLAIN END FOR SERVICE SINK	
P/N: 320422 **(SHVB)** SPOUT W/ VACUUM BREAKER FOR SERVICE SINK, WITHOUT HOSE END	
P/N: 320422N **(SHVB)** SPOUT W/ VACUUM BREAKER FOR SERVICE SINK, WITH HOSE END (SHOWN)	
P/N: 380005 SERVICE SINK HOSE END ONLY	

SPRAY HEAD ASSEMBLY 0.5 GPM

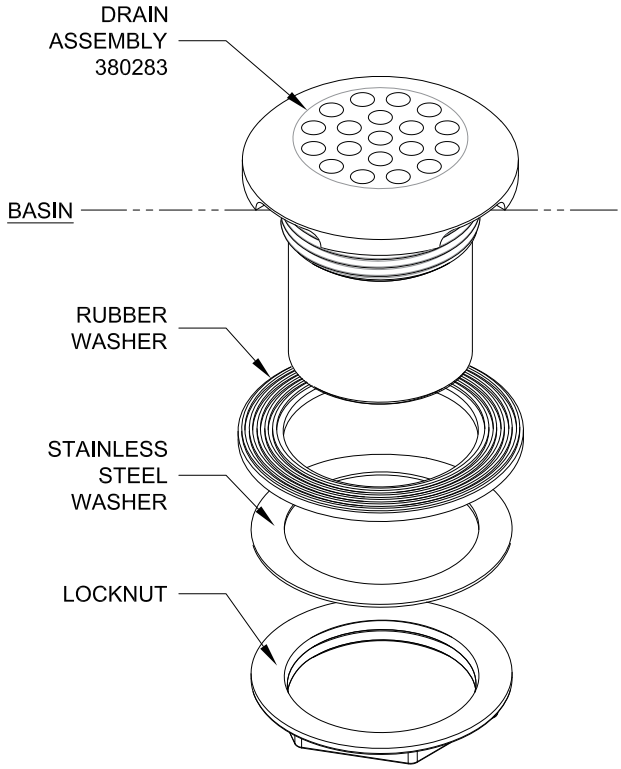
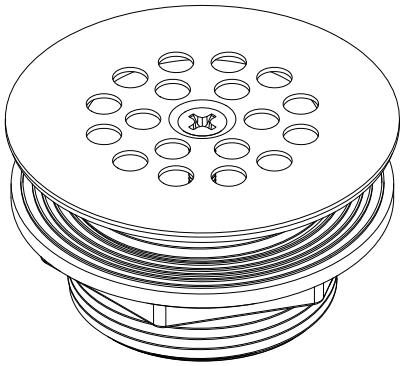
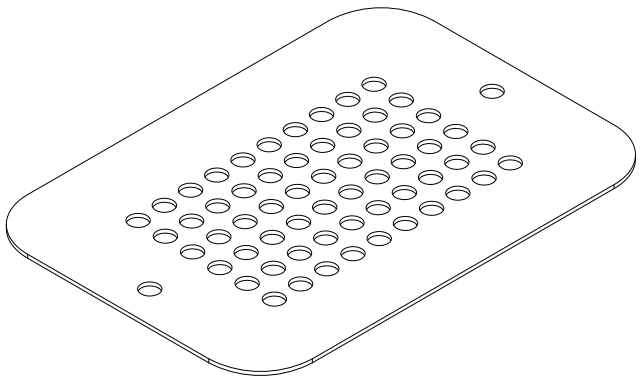
WASHFOUNTAIN SPRAY HEAD - **P/N: 320157A-ASMB**



ITEM #	P/N	DESCRIPTION
1	**800001**	SPRAY HEAD BASE, 45 DEG, S/S
2	**807131**	SPRAY HEAD, 0.5 GPM, NON-AERATED

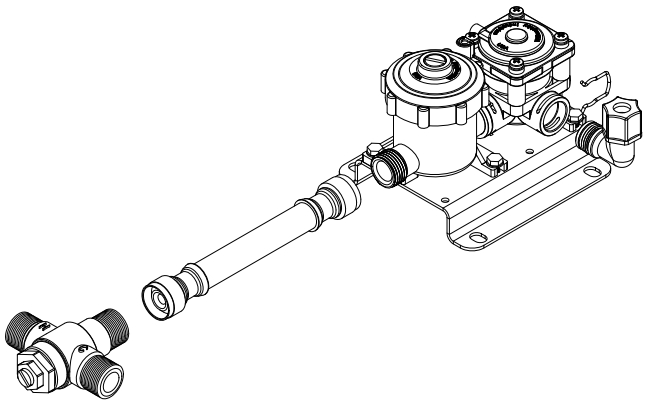
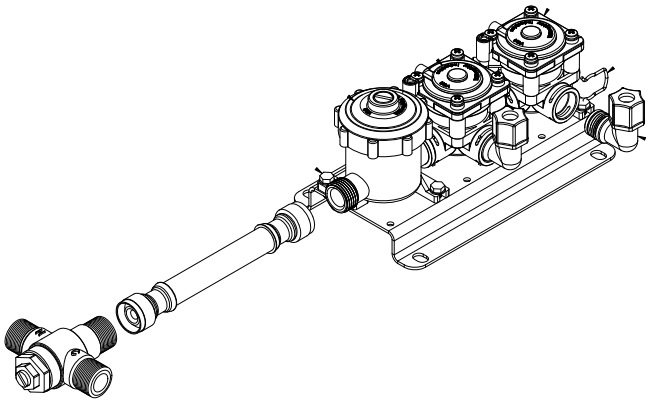
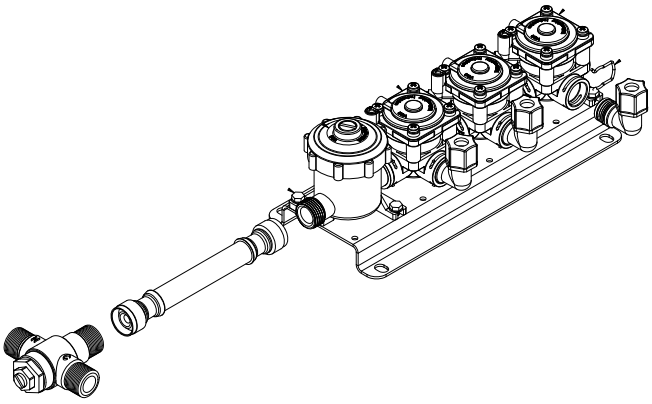
NOTES: _____

WASHFOUNTAIN DRAIN ASSEMBLIES

P/N & DESCRIPTION	COMPONENT/ASSEMBLY
P/N: 380283 **STAINLESS STEEL** DRAIN	
P/N: 380274 **STAINLESS STEEL** RUBBER DRAIN WASHER	
P/N: 380273 **STAINLESS STEEL** STEEL DRAIN WASHER	
P/N: 600043 **STAINLESS STEEL** BRASS LOCKNUT	
P/N: 380281 **SOLID SURFACE** WASHFOUNTAIN AND LAV. SYSTEM DRAIN ASSEMBLY	
P/N: 800083 **WAF-2200** WASHFOUNTAIN DRAIN COVER	
P/N: 800043B **WAF-2200** WASHFOUNTAIN DRAIN ASSEMBLY	

WILLOUGHBY

WASHFOUNTAIN-SPECIFIC VALVE ASSEMBLIES

P/N & DESCRIPTION	COMPONENT/ASSEMBLY
P/N: 803105-1PW 1-VALVE METERING PNEU.	 **(803105-1PW SHOWN)**
P/N: 803105-1SW 1-VALVE NON-METERING PN.	
P/N: 803105-1EW 1-VALVE ELECTRONIC	
P/N: 803105-1BW 1-VALVE BATTERY OP.	
P/N: 803105-2PW 2-VALVE METERING PNEU.	 **(803105-2PW SHOWN)**
P/N: 803105-2SW 2-VALVE NON-METER. PNEU.	
P/N: 803105-2EW 2-VALVE ELECTRONIC	
P/N: 803105-2BW 2-VALVE BATTERY OP.	
P/N: 803105-3PW 3-VALVE METERING PNEU.	 **(803105-3PW SHOWN)**
P/N: 803105-3SW 3-VALVE NON-METER. PNEU.	
P/N: 817155 3-VALVE ELECTRONIC	
P/N: 803105-3BW 3-VALVE BATTERY OP.	

NOTES: _____

_____

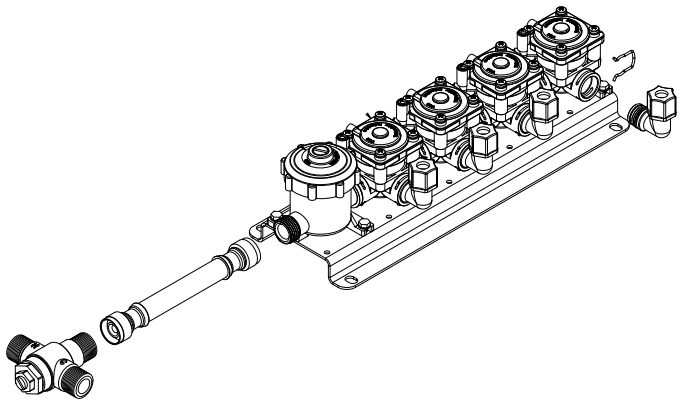
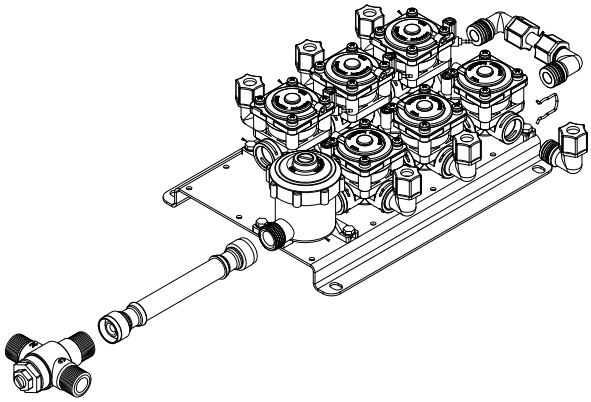
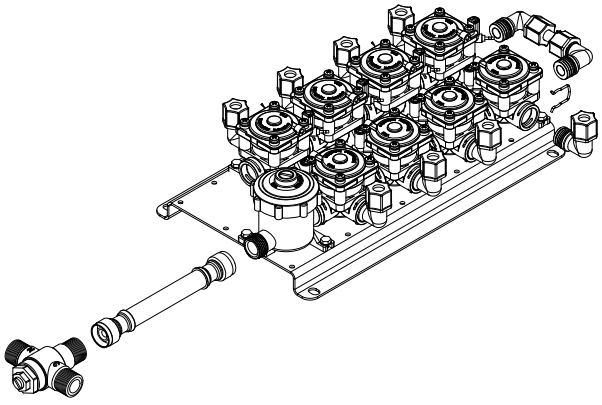
_____

_____

_____

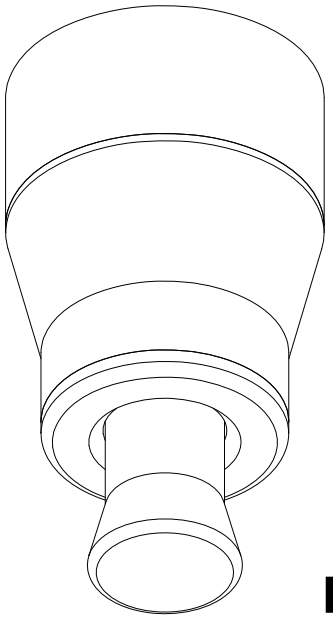
_____

WASHFOUNTAIN-SPECIFIC VALVE ASSEMBLIES

P/N & DESCRIPTION	COMPONENT/ASSEMBLY
P/N: 803105-4PW 4-VALVE METERING PNEU.	 **(803105-4PW SHOWN)**
P/N: 803105-4SW 4-VALVE NON-METERING PN.	
P/N: 803105-4EW 4-VALVE ELECTRONIC	
P/N: 803105-4BW 4-VALVE BATTERY OP.	
P/N: 803105-6PW 6-VALVE METERING PNEU.	 **(803105-6PW SHOWN)**
P/N: 803105-6SW 6-VALVE NON-METER. PNEU.	
P/N: 803105-6EW 6-VALVE ELECTRONIC	
P/N: 803105-6BW 6-VALVE BATTERY OP.	
P/N: 803105-8PW 8-VALVE METERING PNEU.	 **(803105-8PW SHOWN)**
P/N: 803105-8SW 8-VALVE NON-METER. PNEU.	
P/N: 803105-8EW 8-VALVE ELECTRONIC	
P/N: 803105-8BW 8-VALVE BATTERY OP.	

NOTES: _____

LIQUID SOAP DISPENSER



LSD

Recommended Specifications

Liquid soap dispenser system shall be:
Willoughby Model: **LSD**

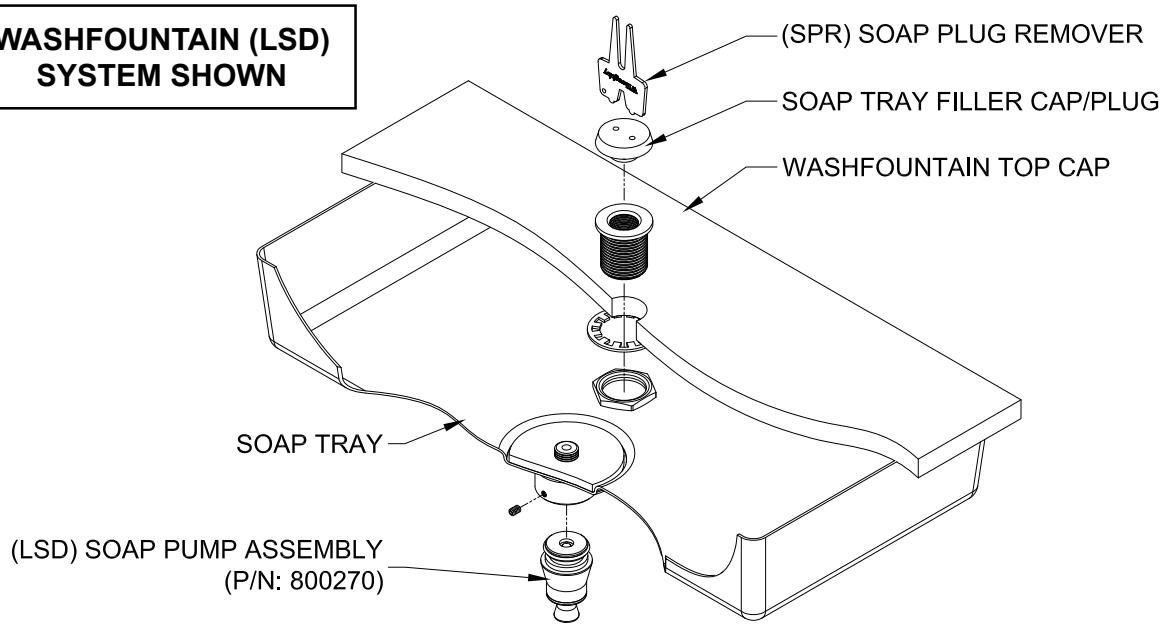
Using a combination gravity-feed/pump system, the Willoughby (LSD) liquid soap dispenser delivers a metered amount of soap from an internal soap tray (liquid soap reservoir) each time the plunger is depressed.

The machined solid stainless steel soap pump assembly (P/N: 800270) is vandal-resistant and features stainless steel springs, stainless steel metering pin, and leak-less O-rings.

The dispenser system is designed for use with vegetable oil base liquid soap with anhydrous content between 7.5-15%. Soap plug remover (SPR) keys are included with all xtures, allowing maintenance personnel to easily re ll the vandal-resistant soap tray.

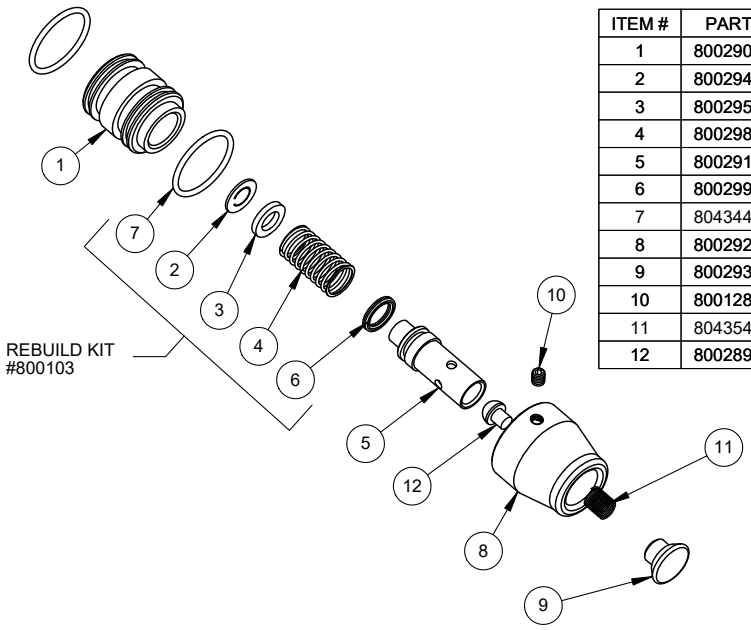
The (LSD) liquid soap dispenser system option is available factory-installed on several different washfountain and shower xtures. (LSD) systems are recommended for general washroom and shower room use.

WASHFOUNTAIN (LSD) SYSTEM SHOWN



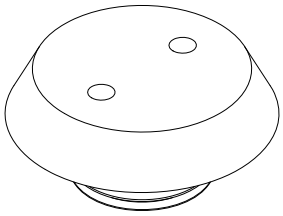
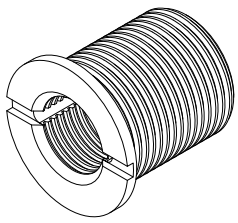
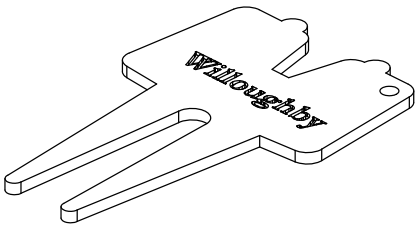
LIQUID SOAP DISPENSER COMPONENTS

PUMP ASSEMBLY - **P/N: 800270C** (REBUILD KIT- **P/N: 800103**)

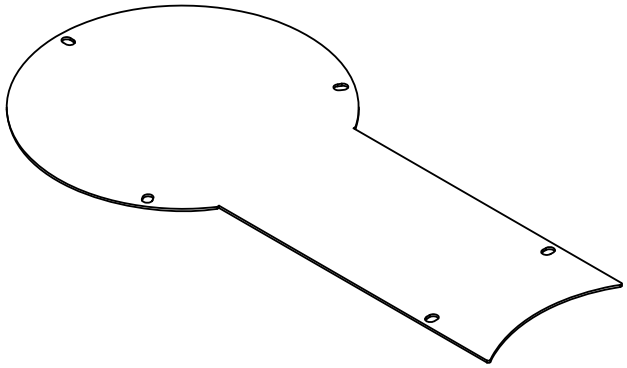
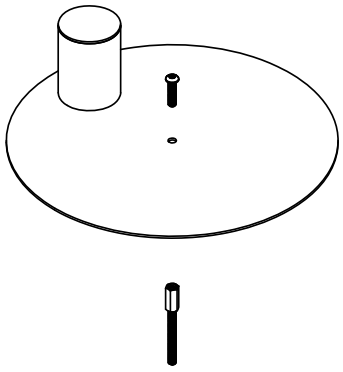
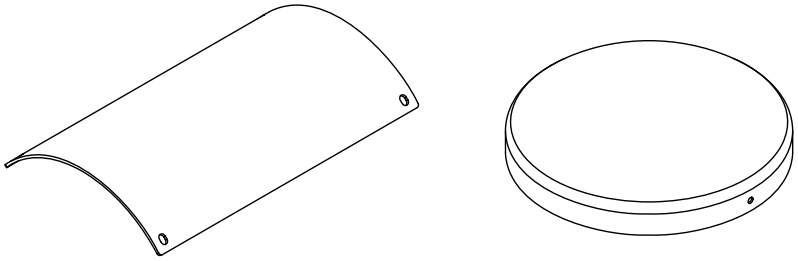


ITEM #	PART #	DESCRIPTION	QTY.
1	800290	SOAP PUMP BASE, GEN II	1
2	800294	RUBBER FLAPPER VALVE, SOAP PUMP	1
3	800295	SOAP PUMP SPRING SEAT	1
4	800298	SOAP PUMP PISTON SPRING	1
5	800291	SOAP PUMP PISTON, GEN II	1
6	800299	O-RING (2-012) PISTON	1
7	804344	O-RING (#019)	2
8	800292	SOAP PUMP BODY, GEN II	1
9	800293	SOAP PUMP PLUNGER, GEN II	1
10	800128	SCREW #8-32 x 3/16" SCKT SET S/S	1
11	804354	SPRING FOR CHECKSTOP	1
12	800289	BUMPER-SOAP PUMP CHECK VALVE	1

NOTE: REBUILD KIT, P/N: 800103
CONTAINS THE FOLLOWING:
(2) 804344
(1) 800294
(1) 800295
(1) 800298
(1) 800299

P/N & DESCRIPTION	COMPONENT/ASSEMBLY
P/N: 800269 SOAP TRAY FILLER CAP, S/S	
P/N: 800268VE SOAP TRAY FILLER CAP, S/S	
P/N: SPR SOAP CAP (PLUG) REMOVER TOOL	

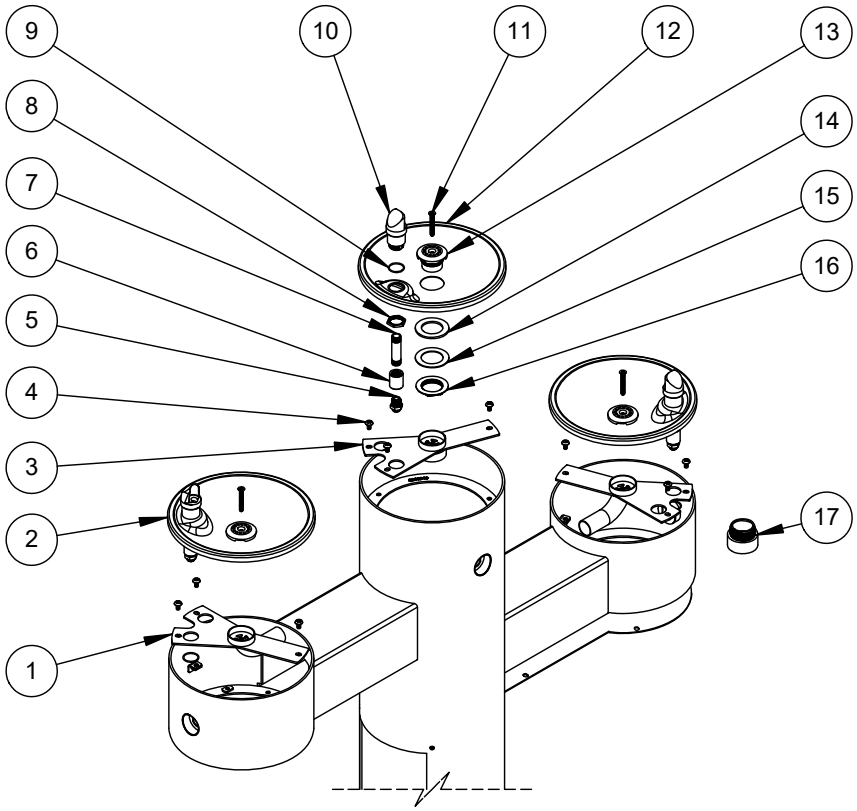
ACCESS COVERS & BODY PANELS

P/N & DESCRIPTION	COMPONENT/ASSEMBLY
P/N: S200075 OUTER BOTTOM COVER-OUTDOOR DRINKING FOUNTAIN	
P/N: S200200 **(WODF-SCV)** OUTDOOR DRINKING FOUNTAIN-SEASONAL VALVE COVER	
FOR PARKS & REC FIXTURE REPLACEMENT PANELS: PLEASE CONTACT YOUR REPRESENTATIVE	

NOTES: _____

FOUNTAIN BASIN & DRAIN ASSEMBLIES

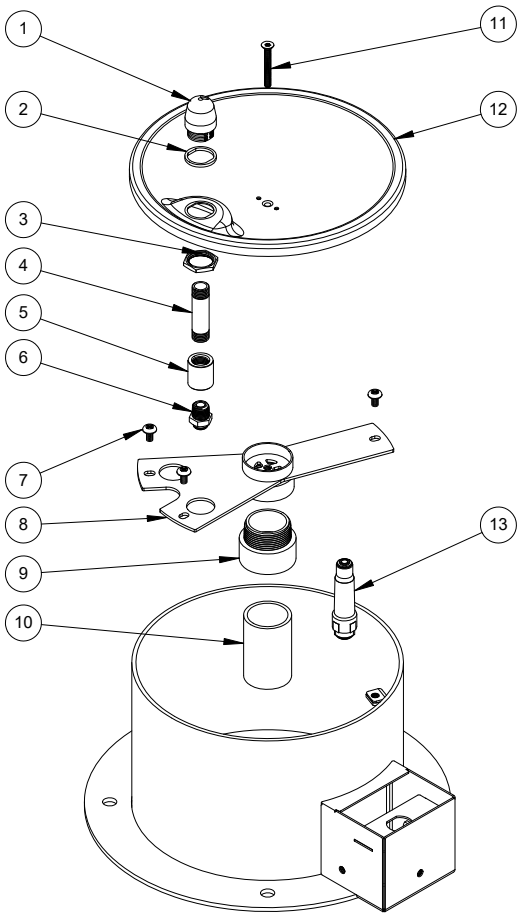
WODF - DRINKING FOUNTAIN BASINS & DRAINS



ITEM #	PART NUMBER	DESCRIPTION
1	**S200034**	RECEPTOR SUPPORT ASSEMBLY w/DRAIN ELBOW
2	**S200033**	ADA BOWL, 40-DEG, 1-3/4" DEPTH
3	**S200031**	RECEPTOR SUPPORT ASSEMBLY
4	**800144**	1/4-20 X 1/2" PHILLIPS TRUSS HEAD SCREW
5	**320437**	ADAPTER, 3/8" NPTF MALE X 1/4" TUBE PUSH-TO-CONNECT
6	**320091**	COUPLING, 3/8" FPT STAINLESS STEEL
7	**320469**	NIPPLE, 3/8" NPT X 2.5" LONG
8	**600612N**	HEXNUT, 3/4"-14 NPSM
9	**600116**	O-RING, #023, BUNA N-70
10	**600601HE**	(CDB) DECK MOUNTED DRINKING FOUNTAIN BUBBLER
11	**4509SSN**	1/4"-20 x 2" FH SECURITY SCREW
12	**S200032**	STANDARD BOWL, STRAIGHT DOUBLE-D - 1-3/4" DEPTH
13	**380284**	DRAIN, 1-1/2" TUBE, MACHINED, S/S
14	**380274**	GASKET, 1-1/2" DRAIN
15	**380273**	DRAIN WASHER, 1-5/8"
16	**600043**	NUT, 1 5/8"-12 THD FOR 1-1/2" DRAIN
17	**320284**	PVC THREADED ADAPTER, 1-1/2"

FOUNTAIN BASIN & DRAIN ASSEMBLIES

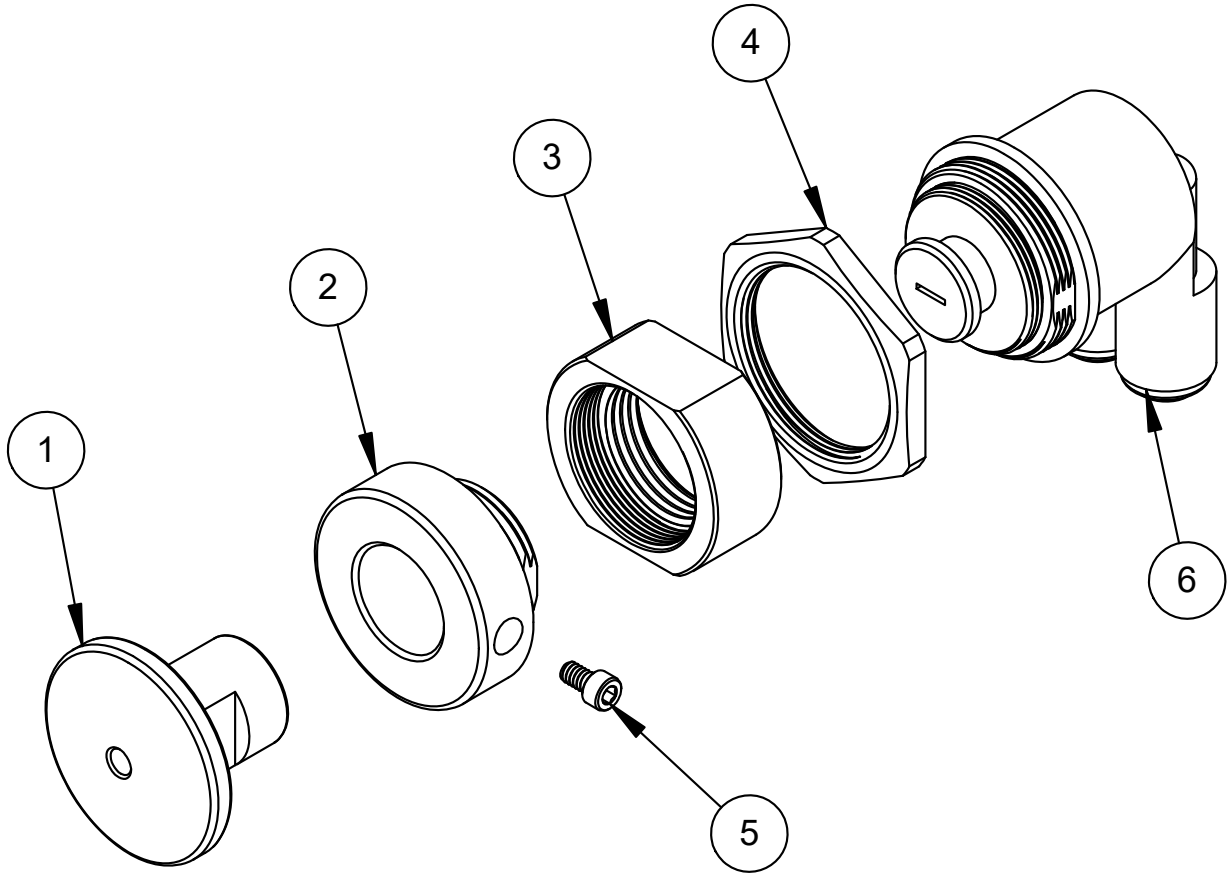
WODF-1-PET - PET DRINKING FOUNTAIN BASIN & DRAIN



ITEM #	PART NUMBER	DESCRIPTION
1	**380056**	(PBB) 30 DEG. PET BOWL BUBBLER
2	**S200290**	SPACER, BUBBLER MOUNTING
3	**810468**	HEXNUT, 3/4"-14 NPSM
4	**320469**	NIPPLE, 3/8" NPT X 2.5" LONG
5	**320091**	COUPLING, 3/8" FPT STAINLESS STEEL
6	**320437**	ADAPTER, 3/8" NPTF MALE X 1/4" TUBE PUSH-TO-CONNECT
7	**800144**	1/4-20 X 1/2" PHILLIPS TRUSS HEAD SCREW
8	**S200031**	RECEPTOR SUPPORT ASSEMBLY
9	**320284**	PVC THREADED ADAPTER, 1-1/2"
10	**320280**	PVC PIPE, 1-1/2" SCHED. 40 X 2-15/16" LONG
11	**4509SSN**	1/4"-20 x 2" FH SECURITY SCREW
12	**S200237**	PET BOWL - 1-3/4" DEPTH
13	**980632**	STRAINER, IN-LINE, 1/4 TO 3/8 PRESS LOCK

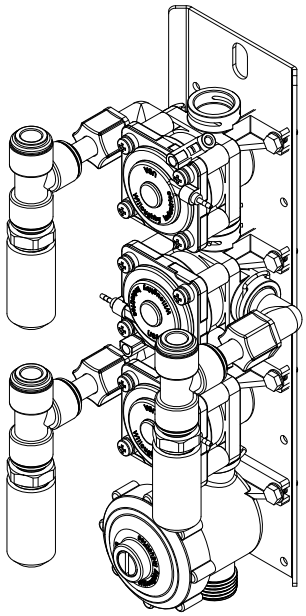
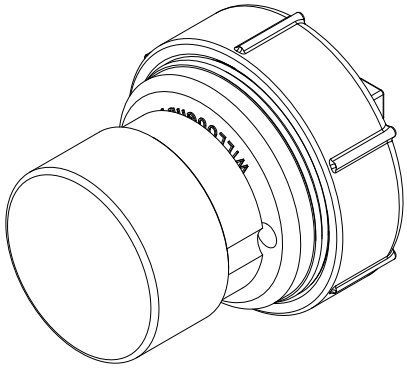
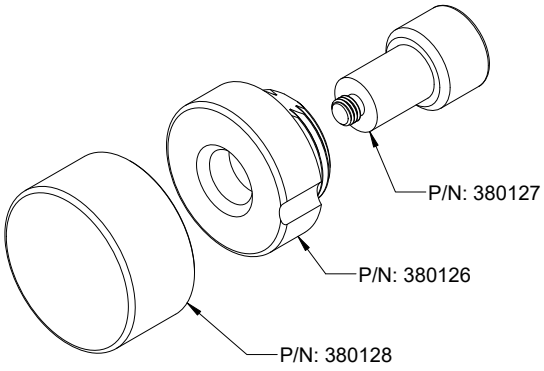
ADJUSTABLE PUSH BUTTON VALVE ASSEMBLY

VALVE ASSEMBLY, ADJUSTABLE - **P/N: 600315**

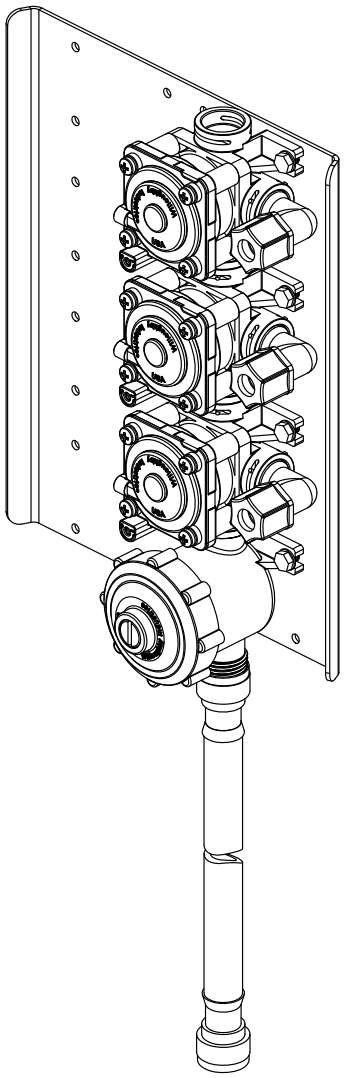
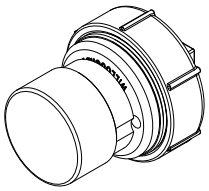


ITEM #	P/N	DESCRIPTION
1	**380110**	PUSH PIN, ADJUSTABLE PUSH BUTTON VALVE
2	**380111**	SLEEVE, ADJUSTABLE PUSH BUTTON VALVE
3	**380062**	SLEEVE, ADAPTER TO ELKAY PLASTIC SELF-CLOSING VALVE
4	**600286**	NUT, CARTRIDGE MOUNTING
5	**800157**	6-32 x 1/4" SH CAP SCREW
6	**600285**	SELF-CLOSING CARTRIDGE, 1.0 GPM

FREEZE RESISTANT VALVES & PUSH BUTTONS

P/N & DESCRIPTION	COMPONENT/ASSEMBLY
P/N: 980615-1 FRV-1 ASSEMBLY	
P/N: 980615-2 FRV-2 ASSEMBLY	
P/N: 980615-3 FRV-3 ASSEMBLY (SHOWN)	
P/N: 810765 **(PLPB)** PNEUMATIC, PALM PUSH BUTTON	
P/N: 600311RK REPAIR KIT, PNEUMATIC PALM PUSH BUTTON	

OUTDOOR SHOWER VALVE ASSEMBLIES

P/N & DESCRIPTION	COMPONENT/ASSEMBLY
P/N: 803110-1 WODS 1-VALVE ASSEMBLY	
P/N: 803110-2 WODS 2-VALVE ASSEMBLY	
P/N: 803110-3 WODS 3-VALVE ASSEMBLY	
P/N: 803110-4 WODS 4-VALVE ASSEMBLY	
P/N: 803110-5 WODS 5-VALVE ASSEMBLY	
P/N: 803110-6 WODS 6-VALVE ASSEMBLY	**(803110-3: 3-VALVE ASSEMBLY SHOWN)**
(PLPB) PNEUMATIC, PALM PUSH BUTTON	 SEE PREVIOUS PAGE

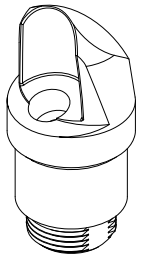
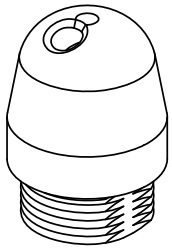
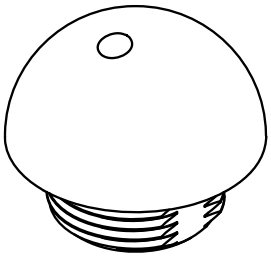
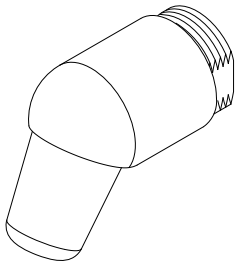
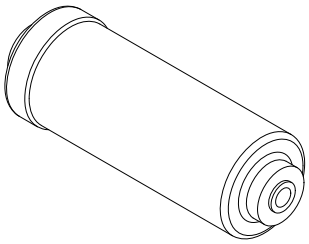
NOTES: _____

_____

_____

_____

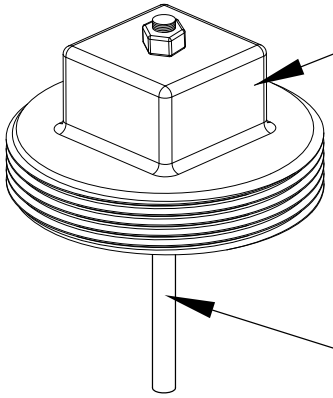
_____

P/N & DESCRIPTION	COMPONENT/ASSEMBLY
P/N: 600601HE **(CDB)** COMMERCIAL DECK MOUNTED DRINKING FOUNTAIN BUBBLER	
P/N: 380056 **(PBB)** 30 DEG. PET BOWL BUBBLER	
P/N: 380063 HEMISPHERIC BOTTLE FILLER BUBBLER	
P/N: 500229 **(NPS)** 30° SPRAY ANGLE SHOWER HEAD (SEE SECTION 16)	
P/N: 980440 CHARCOAL FILTER, 3/8" TUBING CONNECTIONS	

3" CLEAN-OUT PLUGS (REF. P991014A)

(3" RAISED SQUARE HEAD PLUG W/ STAINLESS STEEL PIN ATTACHED AS SHOWN)

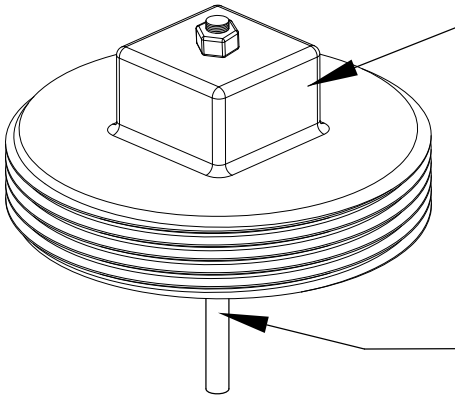
✓	PLUG	STYLE	PART NO.
	3" PVC	W/PIN	PC3
	3" BRASS	W/PIN	PCB3
	3" PVC	LESS PIN	320308
	3" BRASS	LESS PIN	320303



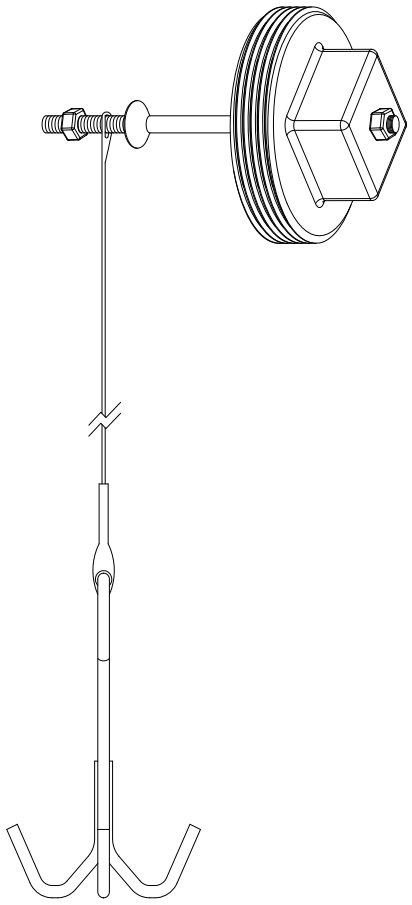
4" CLEAN-OUT PLUGS (REF. P991019A)

(4" RAISED SQUARE HEAD PLUG W/ STAINLESS STEEL PIN ATTACHED AS SHOWN)

✓	PLUG	STYLE	PART NO.
	4" PVC	W/PIN	PC4
	4" BRASS	W/PIN	PCB4
	4" PVC	LESS PIN	320309
	4" BRASS	LESS PIN	320304



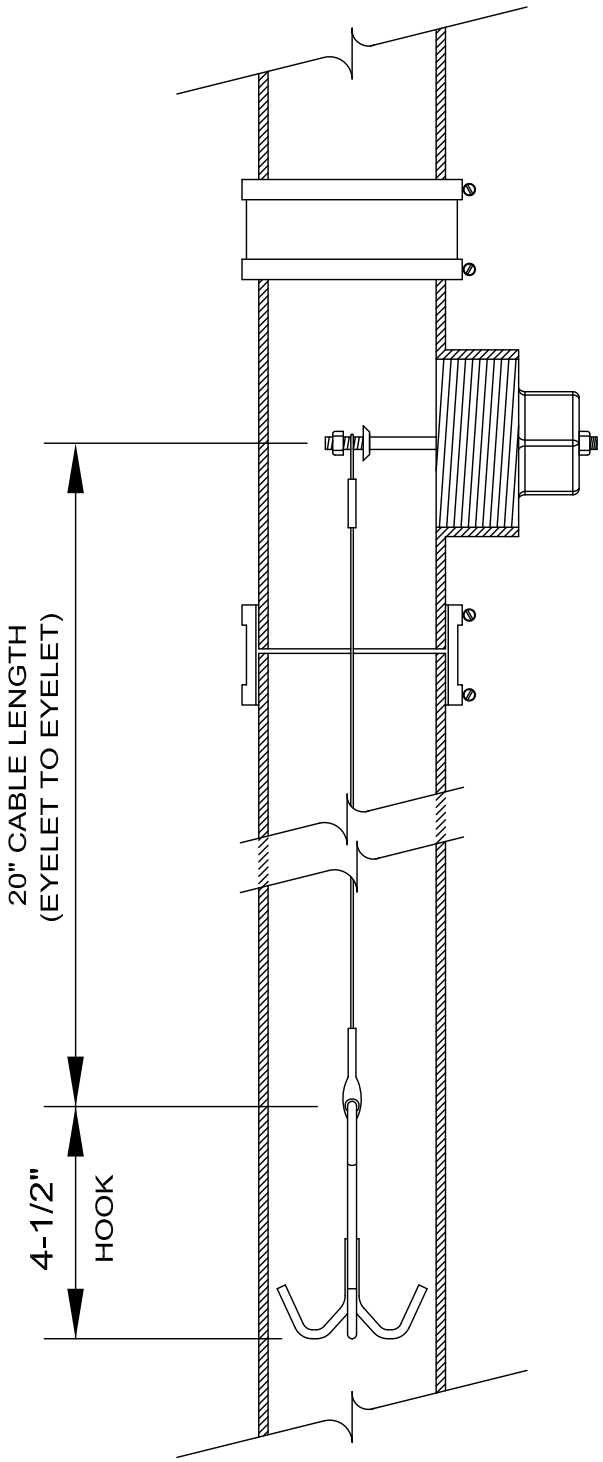
COH SERIES CLEAN-OUT HOOK



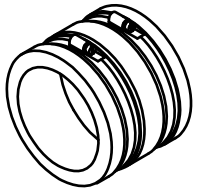
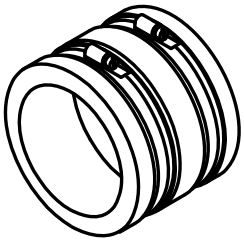
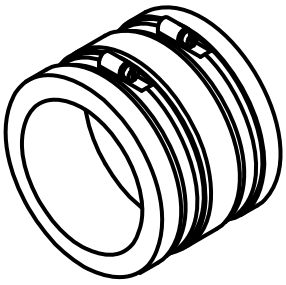
✓	PLUG TYPE	MODEL NUMBER
	4" PVC	COH4
	4" BRASS	COHB4

Clean-out hook shall be:
Willoughby Model No. **COH ____**

This option requires the use of a vertically mounted clean-out tee SOLD SEPARATELY). The PVC Or brass plug has a permanent stainless steel pin with stainless steel cable and stainless steel 3-pronged hook which extends downward to catch large objects passing through the waste piping.

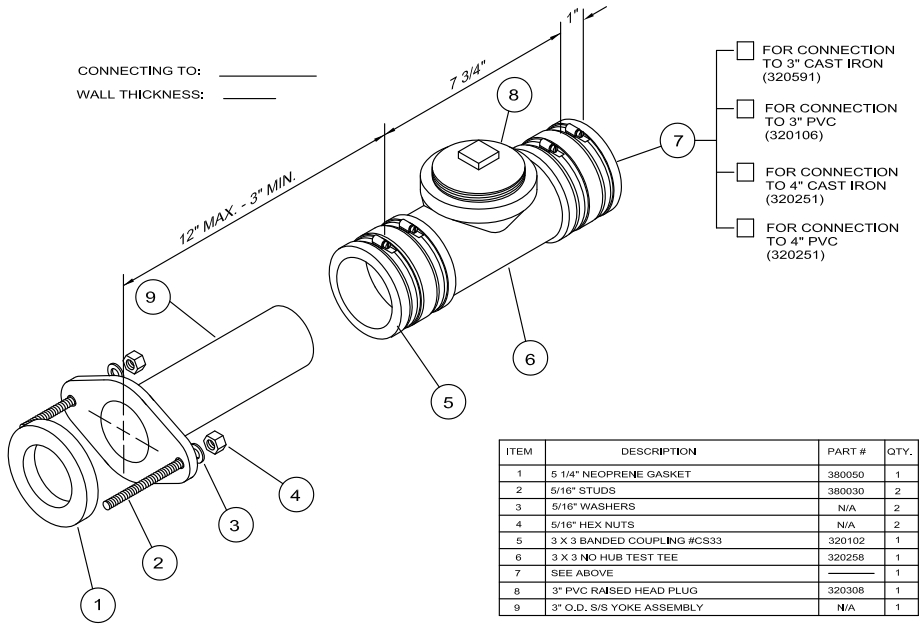


TWC NO-HUB TOILET WASTE COUPLINGS

P/N & DESCRIPTION	COMPONENT/ASSEMBLY
P/N: 320114 Ø2-1/8" TO Ø3" CAST IRON	**FOR: 1.28 GPF (Ø2-1/8" O.D.)**  2-1/4" LENGTH
P/N: 320115 Ø2-1/8" TO Ø4" CAST IRON	
P/N: 320116 Ø2-1/8" TO Ø3" PVC	
P/N: 320117 Ø2-1/8" TO Ø4" PVC	
P/N: 320108 Ø2-1/2" TO Ø3" CAST IRON	**FOR: 1.6 GPF (Ø2-1/2" O.D.)**  2-1/4" LENGTH
P/N: 320109 Ø2-1/2" TO Ø4" CAST IRON	
P/N: 320112 Ø2-1/2" TO Ø3" PVC	
P/N: 320113 Ø2-1/2" TO Ø4" PVC	
P/N: 320102 Ø3" TO Ø3" CAST IRON	**FOR: 3.5 GPF (Ø3" O.D.)**  2-1/4" LENGTH
P/N: 320107 Ø3" TO Ø4" CAST IRON	
P/N: 320103 Ø3" TO Ø3" PVC	
P/N: 320104 Ø3" TO Ø4" PVC	

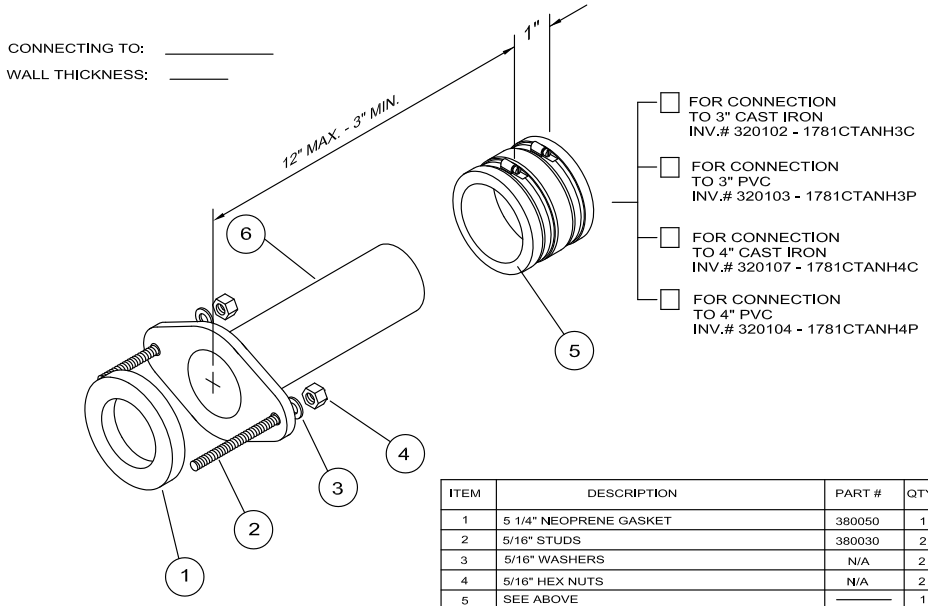
"TW"-PREFIX TOILET WASTE OPTION ASSEMBLIES

(TW1) NO-HUB WASTE WITH CLEAN-OUT - **P/N: 1780CTANH__**



ITEM	DESCRIPTION	PART #	QTY.
1	5 1/4" NEOPRENE GASKET	380050	1
2	5/16" STUDS	380030	2
3	5/16" WASHERS	N/A	2
4	5/16" HEX NUTS	N/A	2
5	3 X 3 BANDED COUPLING #CS33	320102	1
6	3 X 3 NO HUB TEST TEE	320258	1
7	SEE ABOVE	———	1
8	3" PVC RAISED HEAD PLUG	320308	1
9	3" O.D. S/S YOKE ASSEMBLY	N/A	1

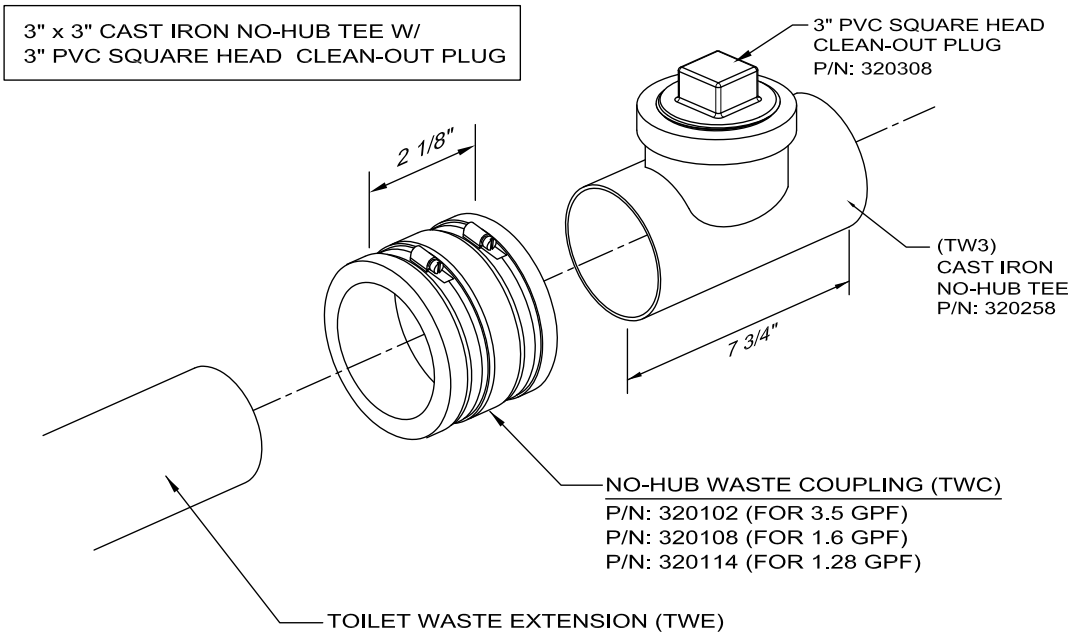
(TW2) NO-HUB WASTE WITHOUT CLEAN-OUT - **P/N: 1781CTANH__**



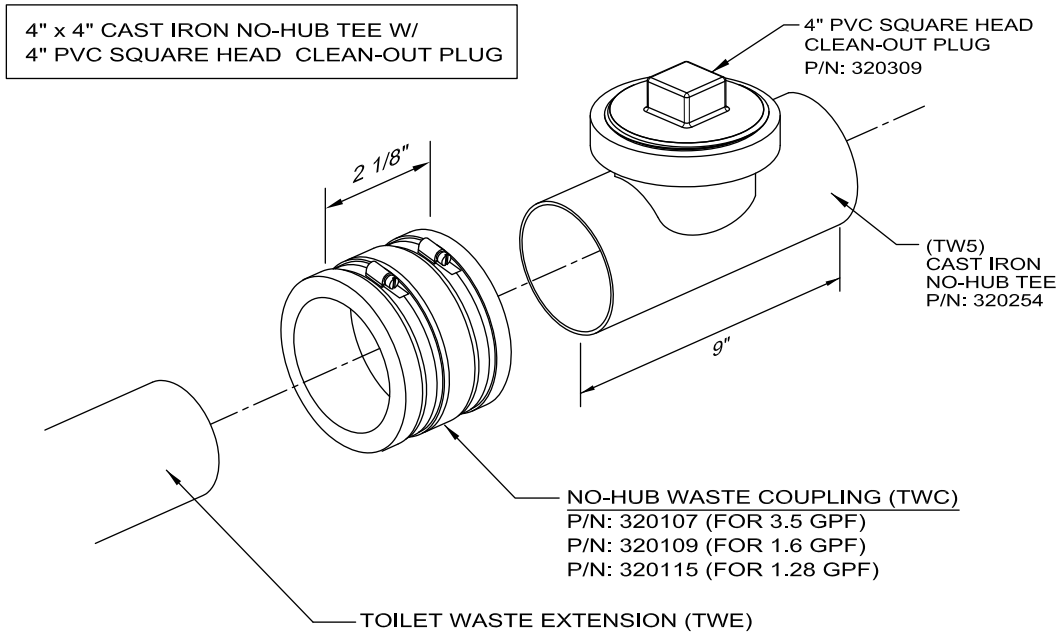
ITEM	DESCRIPTION	PART #	QTY.
1	5 1/4" NEOPRENE GASKET	380050	1
2	5/16" STUDS	380030	2
3	5/16" WASHERS	N/A	2
4	5/16" HEX NUTS	N/A	2
5	SEE ABOVE	———	1
6	3" O.D. S/S YOKE ASSEMBLY W/FLANGE	N/A	1

"TW"-PREFIX TOILET WASTE OPTION ASSEMBLIES

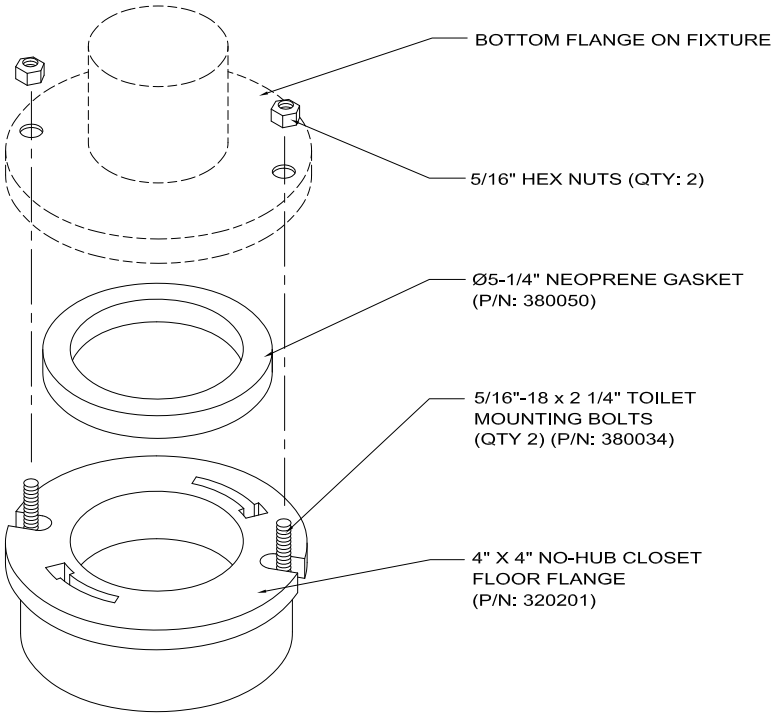
(TW3) 3" WASTE WITH CLEAN-OUT/PLUG - **P/N: 1782CTA__**



(TW5) 4" WASTE WITH CLEAN-OUT/PLUG - **P/N: 1783CTA__**

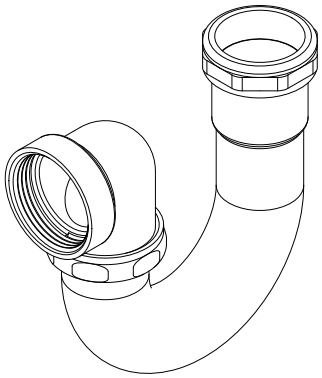


(TW4) FLOOR OUTLET WASTE CONNECTION - **P/N: 1785CTA**

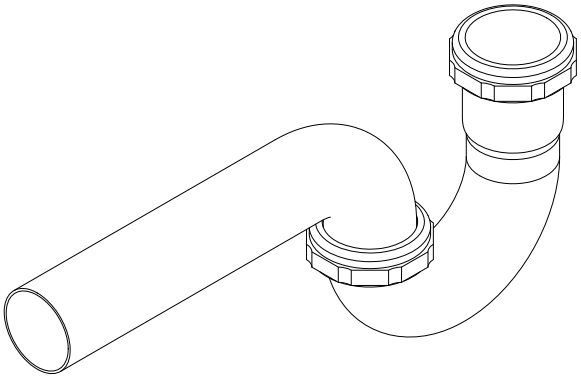


REMOVABLE P-TRAP LAVATORY WASTE FITTINGS

(RPT) REMOVABLE P-TRAP - **P/N: 380286**

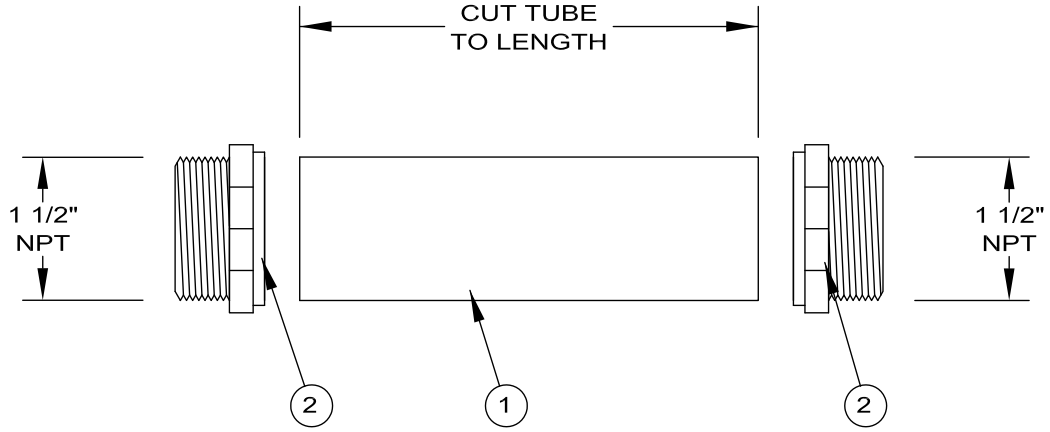


(TT) CHROME REMOVABLE P-TRAP - **P/N: 380287**



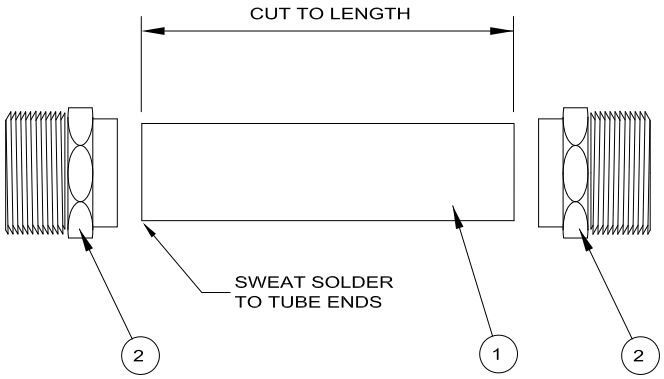
(FVT) FLUSH VALVE CONNECTIONS THROUGH-WALL

(FVT) FLUSH VALVE CONNECTION, 1-1/2" NPT - **P/N: 2895CTA**



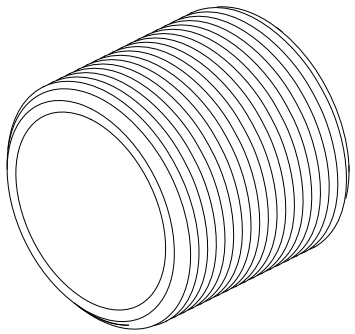
ITEM	DESCRIPTION	PART #	QTY.
1	Ø1-1/2" COPPER TUBE, CUT TO LENGTH	115170	1
2	1-1/2" SLEEVE	380147	2

(FVT) FLUSH VALVE CONNECTION, 3/4" MIP (URINAL) - **P/N: 2897CTA**



ITEM	DESCRIPTION	PART #	QTY.
1	3/4" COPPER TUBE	115190	1
2	3/4" M.I.P. ADAPTOR	320244	2

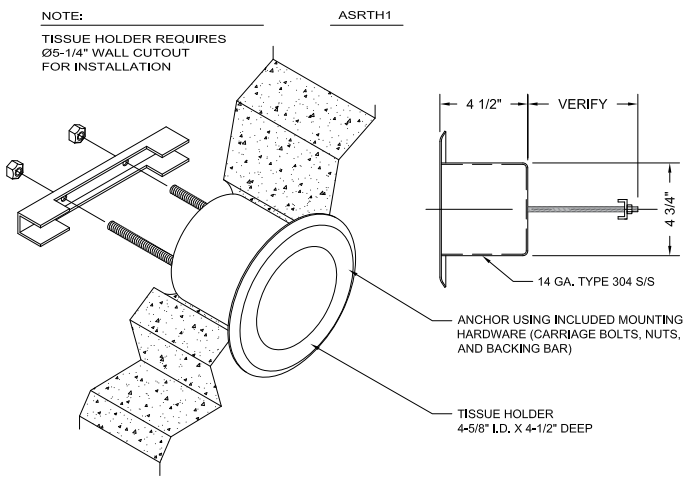
(FVT) 1-1/2" NPT CLOSE (FOR STEEL WALL) - **P/N: 320488**



ASRTH Series

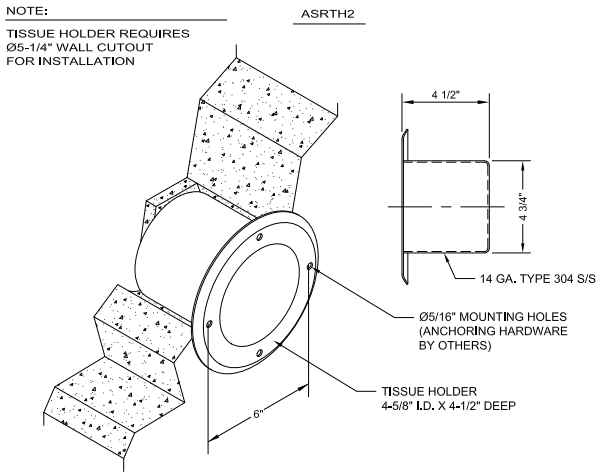
ASRTH1
Rear Mounted Ligature-Resistant Tissue Holder

ASRTH1 recessed toilet tissue holder shall be die-formed of 14 GA, Type 304 stainless steel with an 16 GA, Type 304 S/S #4 satin finish exposed flange. Flange edge to be turned back providing a tight fit to wall. Holder shall accommodate a standard roll of tissue, measuring 4-5/8″ in diameter and 4-1/2″ deep. Interior shall be seamless and ligature-resistant, providing no free area for the concealment of contraband and no interior exposed flange edge. Mounting shall be from the rear using S/S mounting hardware provided (verify wall thickness).



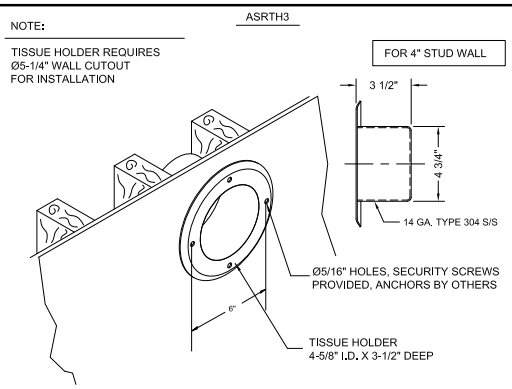
ASRTH2
Front Mounted Ligature-Resistant Tissue Holder

ASRTH2 recessed toilet tissue holder shall be die-formed of 14 GA, Type 304 stainless steel with a 16 GA, Type 304 S/S #4 satin finish exposed flange. Flange edge to be turned back providing a tight fit to wall. Holder shall accommodate a standard roll of tissue, measuring 4-5/8″ in diameter and 4-1/2″ deep. Interior shall be seamless and ligature-resistant, providing no free area for the concealment of contraband and no interior exposed flange edge. Mounting shall be from the front. Stainless steel security screws provided, wall anchors by others.



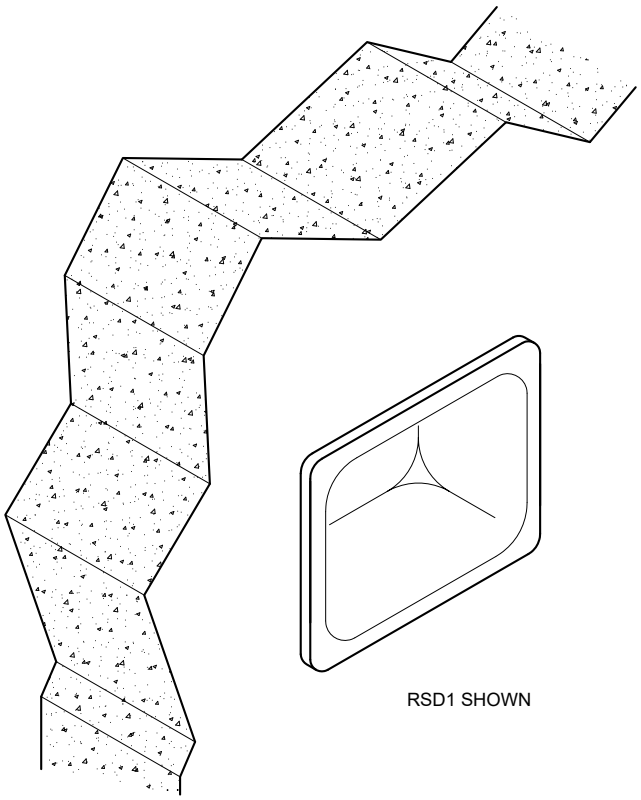
ASRTH3
Front Mounted Ligature-Resistant Tissue Holder (For 4" Stud Wall)

ASRTH3 recessed toilet tissue holder shall be die-formed of 14 GA, Type 304 stainless steel with a 16 GA, Type 304 S/S #4 satin finish exposed flange. Flange edge to be turned back providing a tight fit to wall. Holder shall accommodate a standard roll of tissue, measuring 4-3/4″ in diameter and 3-1/2″ deep. Interior shall be seamless and ligature-resistant, providing no free area for the concealment of contraband and no interior exposed flange edge. Mounting shall be from the front. Stainless steel security screws provided, wall anchors by others.



RSD1
Rear Mounted

RSD1 recessed soap dish shall be 16 GA, Type 304 stainless steel. Unit is one piece construction, tamper-resistant with all exposed surfaces polished to a #4 satin fnish. Wide radius corners assure cleanliness.



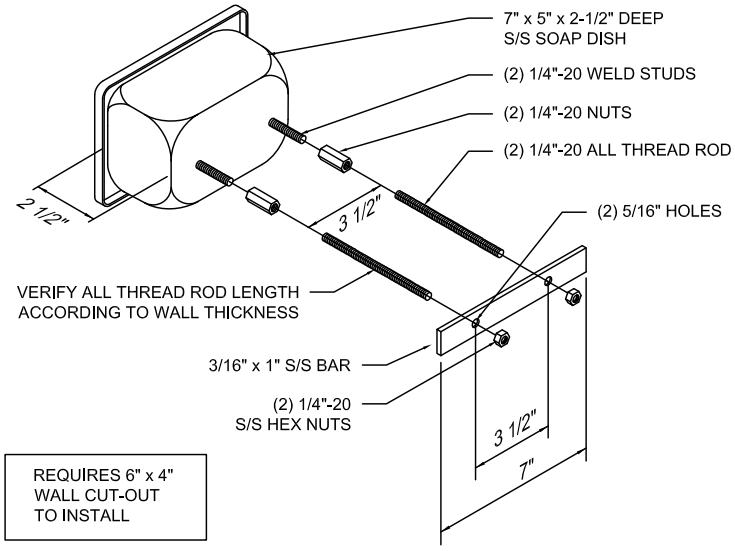
RSD1 SHOWN

RSD2
Front Mounted

RSD2 recessed soap dish shall be 16 GA, Type 304 stainless steel. Unit is one piece construction, tamper-resistant with all exposed surfaces polished to a #4 satin fnish. Wide radius corners assure cleanliness. Mounting shall be from the front.

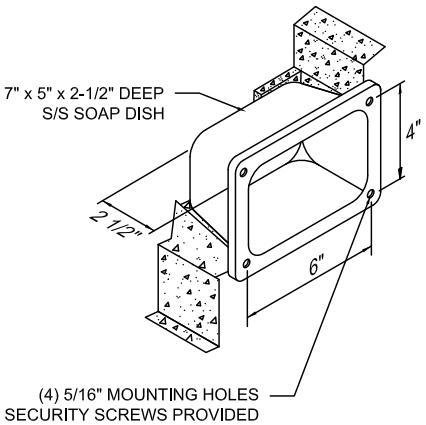
Stainless steel security screws provided, wall anchors by others.

RSD1



REQUIRES 6" x 4"
WALL CUT-OUT
TO INSTALL

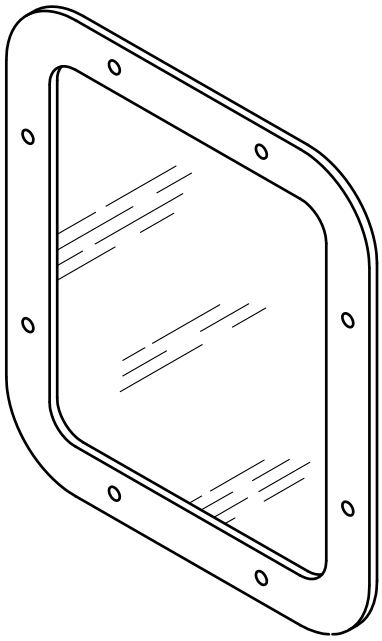
RSD2



REQUIRES 5-3/4" x 3-3/4"
WALL CUT-OUT
TO INSTALL

FRONT ACCESS SECURITY MIRROR

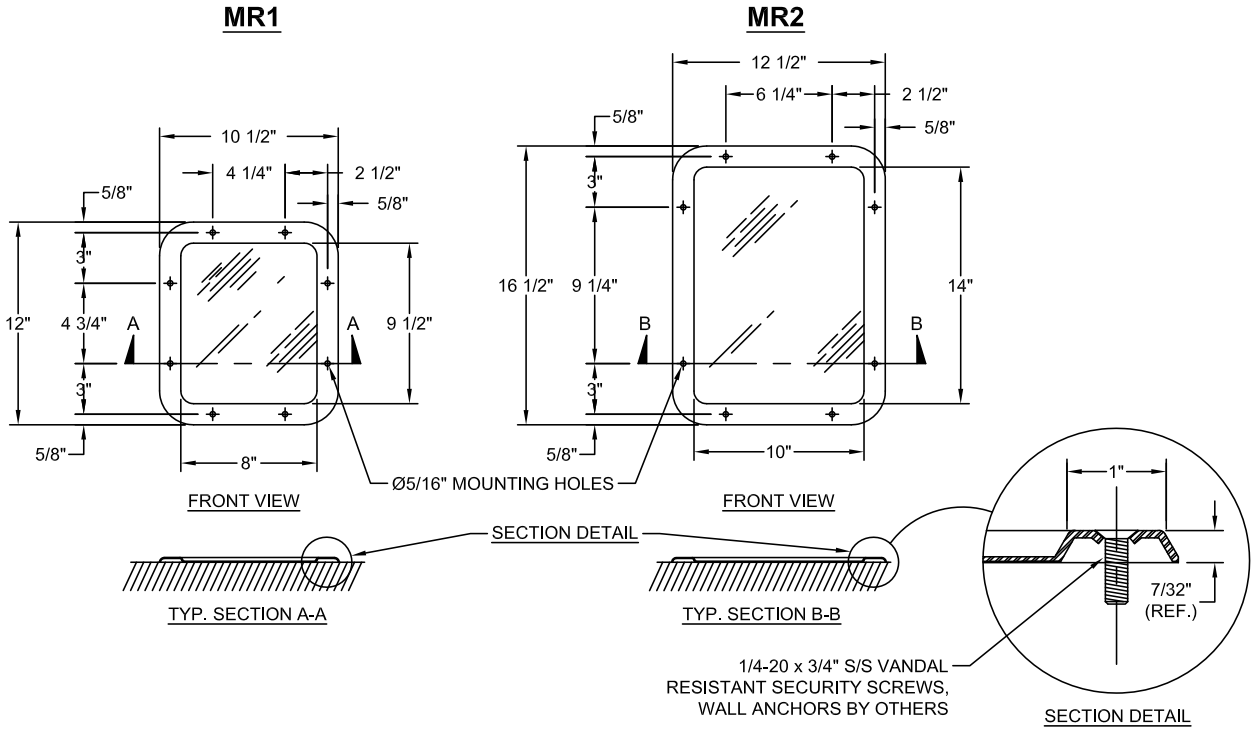
MR Series



✓	MODEL NUMBER	HEIGHT	WIDTH
	MR1	12"	10 1/2"
	601216	16 1/2"	12 1/2"
	EM1 (OPTIONAL)	MOUNTING FRAME FOR MR1	
	EM2 (OPTIONAL)	MOUNTING FRAME FOR MR2	

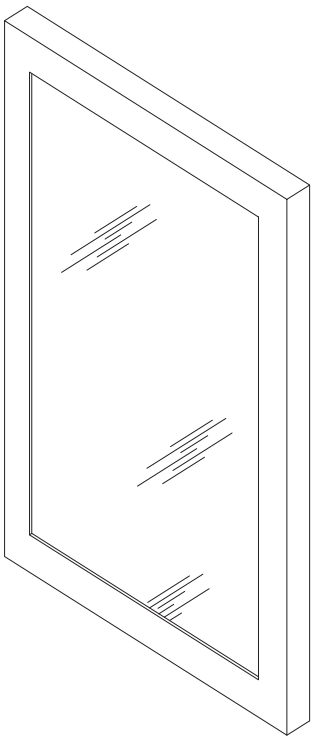
MR ___ mirror with integral frame shall be die formed 16 gauge 304 series stainless steel, polished to a #8 non-directional mirror fnish. Anchoring shall be by standard 8-point mounting. Vandal-resistant security screws provided with the mirror. Wall anchors provided by others.

optional in-wall embedded mounting plate is available. For optional embedded mounting plate, specify EM1 or EM2 to correspond with above mirror size.

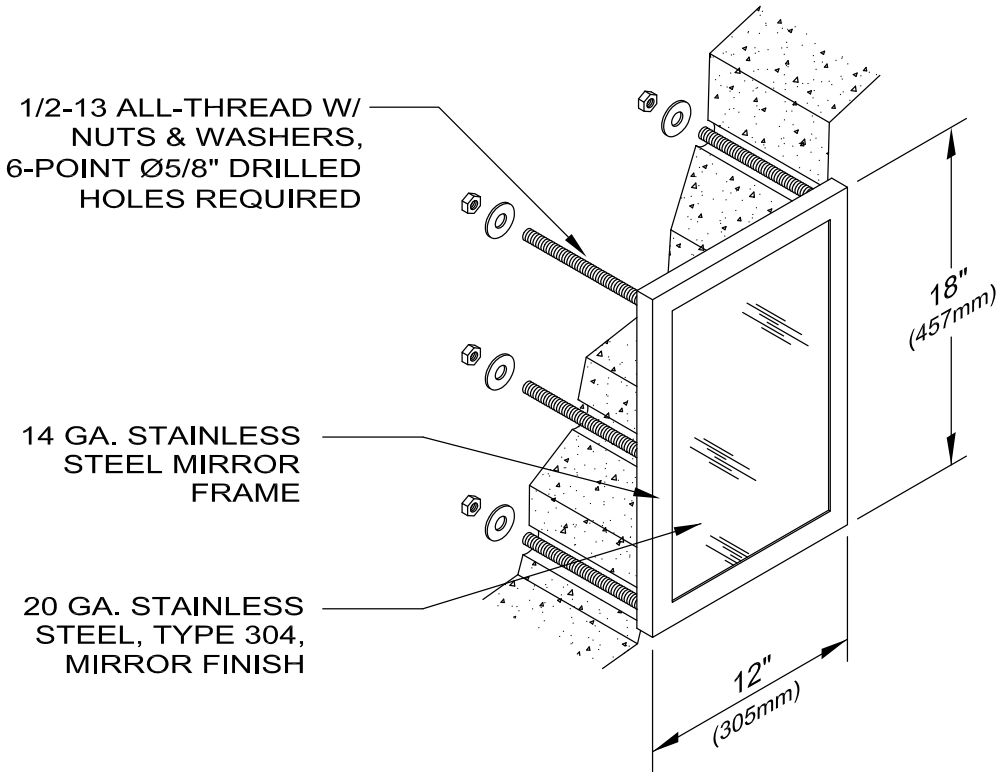


FRAMED SECURITY MIRROR REAR MOUNTED

FMR1



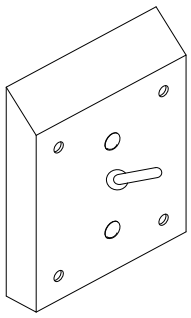
FMR1 framed security mirror to be 16 GA, Type 304 stainless steel, polished to a #8 non-directional mirror finish. Mirror shall be reinforced with 1/2″ fiberboard backing Anchoring shall be by a 6-point system: threaded rods, nuts and washers furnished for walls up to 8″ thick. Unit requires chase for installation.



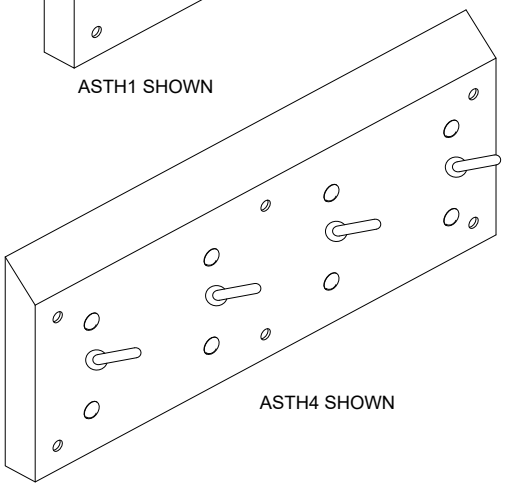
LIGATURE-RESISTANT RELEASE TOWEL HOOK

ASTH Series

✓	MODEL NUMBER	NUMBER OF HOOKS
	ASTH1	1
	ASTH2	2
	ASTH3	3
	ASTH4	4



ASTH1 SHOWN

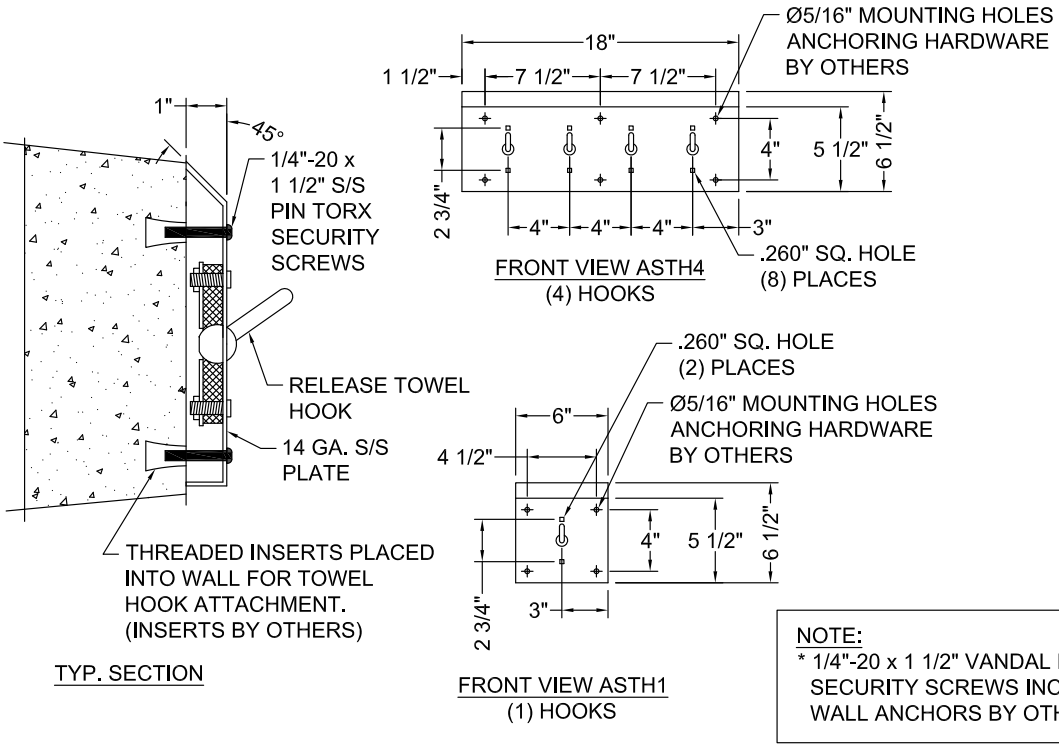


ASTH4 SHOWN

ASTH _____ ligature-resistant towel hook assembly shall be fabricated from type 304 stainless steel. Exposed stainless steel surfaces shall be polished to a #4 satin finish. Pressure activated release towel hook(s) will support light clothing and towel loads, however, excessive hook loads will cause downward hook release.

Towel hook assembly shall have a ligature-resistant sloped top in addition to the pressure activated release towel hooks.

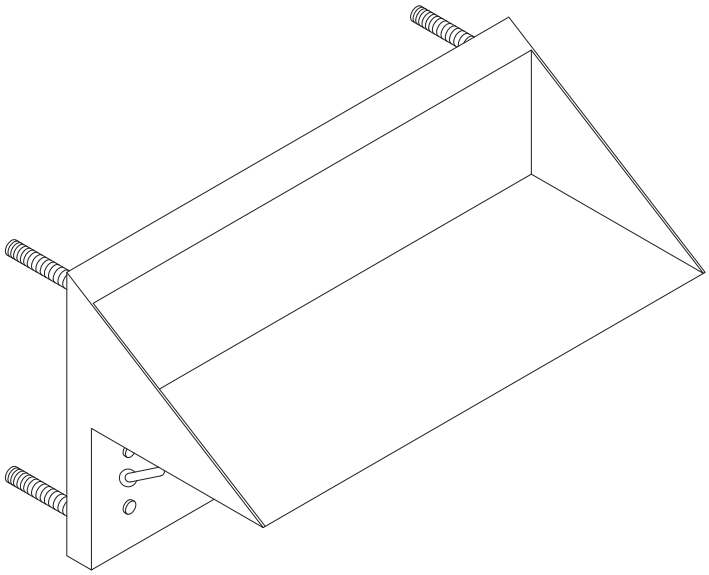
Hook assemblies supplied with vandal-resistant stainless steel security screws. Wall anchors by others.



NOTE:
* 1/4"-20 x 1 1/2" VANDAL RESISTANT SECURITY SCREWS INCLUDED, WALL ANCHORS BY OTHERS

RELEASE TOWEL HOOK W/ INTEGRAL SHELF REAR MOUNTED

WA-1824

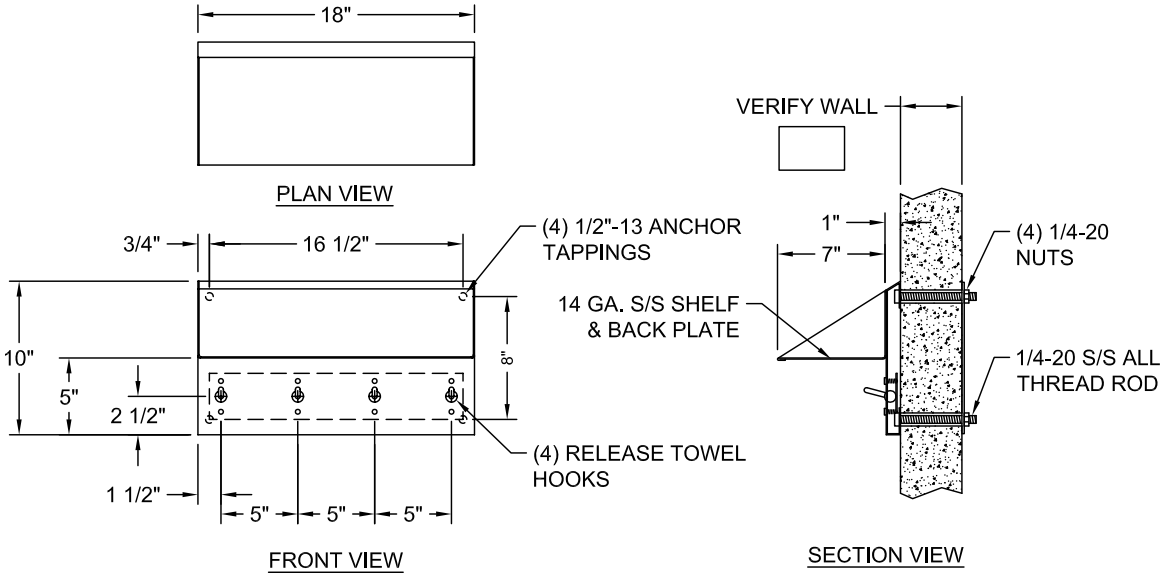


✓	MODEL NUMBER	NUMBER OF HOOKS
	WA-1824	4

WA-1824 release towel hook assembly with integral shelf shall be fabricated from type 304 stainless steel. Exposed stainless steel surfances shall be polished to a #4 satin finish

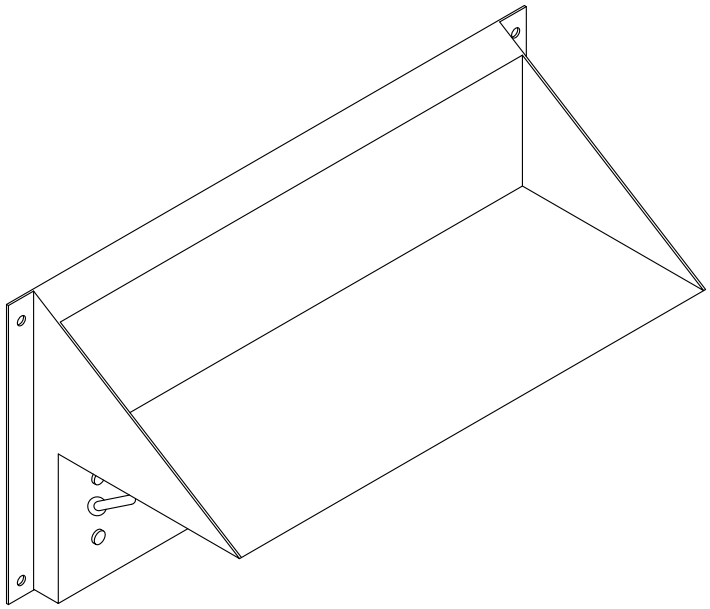
Pressure activated release towel hook(s) will support light clothing and towel loads, however, excessive hook loads will cause downward hook release.

WA-1824 hook assembly supplied with all thread rod, nuts and washers.



RELEASE TOWEL HOOK W/ INTEGRAL SHELF FRONT MOUNTED

WA-1824-FA

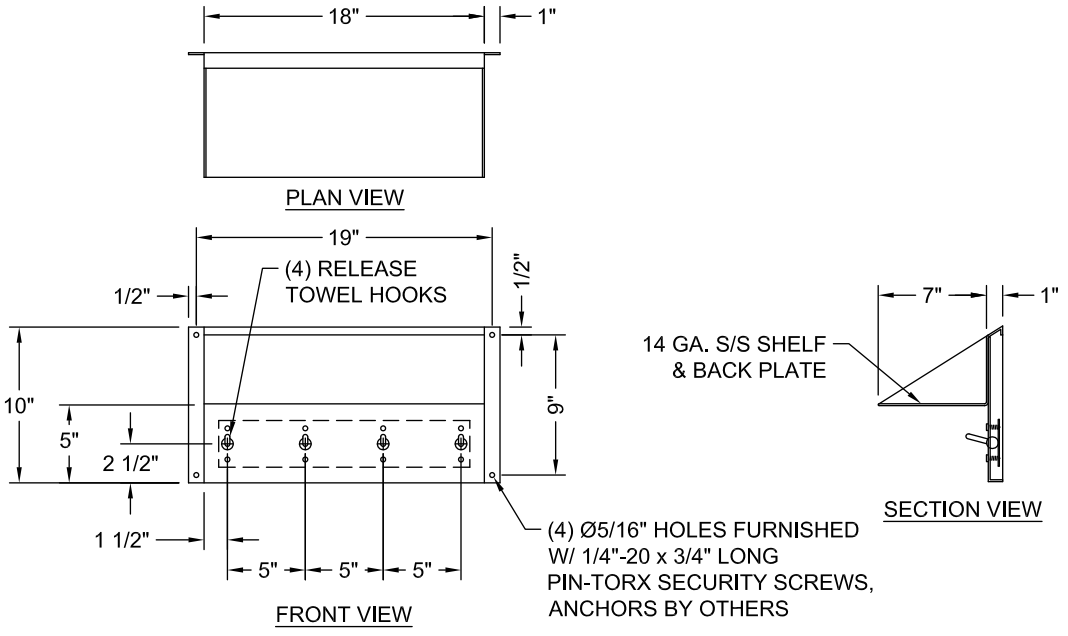


✓	MODEL NUMBER	NUMBER OF HOOKS
	WA-1824-FA	4

WA-1824-FA release towel hook assembly with integral shelf shall be fabricated from type 304 stainless steel. Exposed stainless steel surfaces shall be polished to a #4 satin finish.

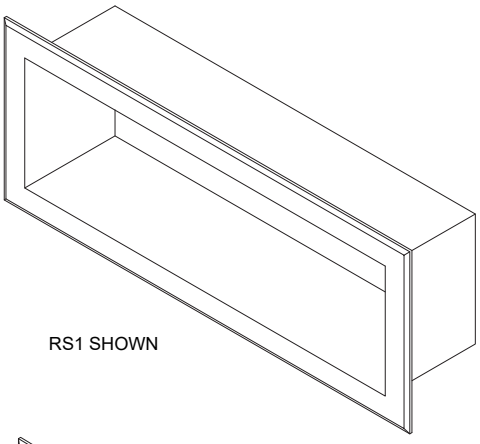
Pressure activated release towel hook(s) will support light clothing and towel loads, however, excessive hook loads will cause downward hook release.

WA-1824-FA hook assembly supplied with vandal-resistant stainless steel security screws. Wall anchors by others.

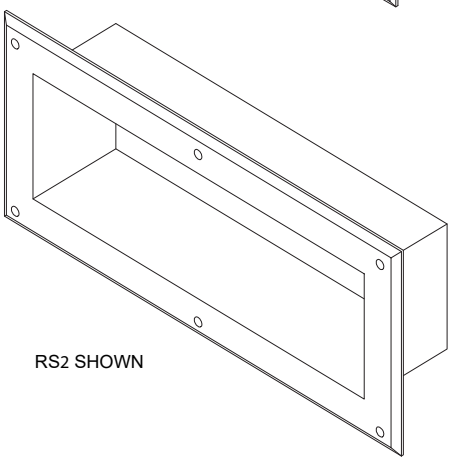


RECESSED SHELF

RS Series



RS1 SHOWN



RS2 SHOWN

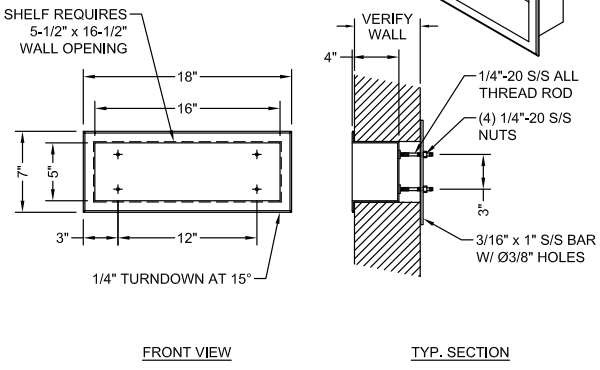
✓	MODEL NUMBER	MOUNTING CONFIGURATION
	RS1	REAR MOUNTED
	RS2	FRONT MOUNTED

RS ___ recessed shelf shall be fabricated entirely of 16 GA, type 304 stainless steel. Exposed flange surfaces are polished to a #4 satin finish. Shelf is available in both rear mounting (RM) or flange mounting (FM) configuration.

Shelf assembly (RS1) supplied with anchoring hardware.

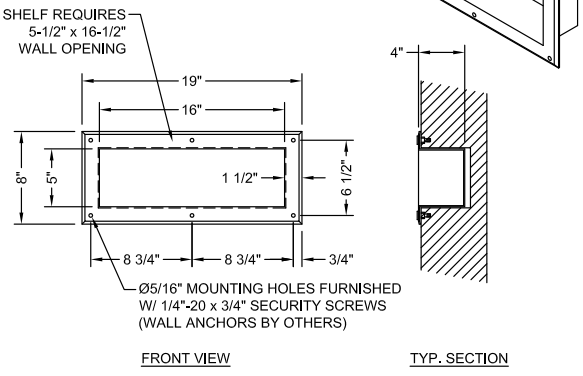
Shelf assembly (RS2) spplied with vandal-resistant security screws, wall anchors by others.

RS1



FRONT VIEW TYP. SECTION

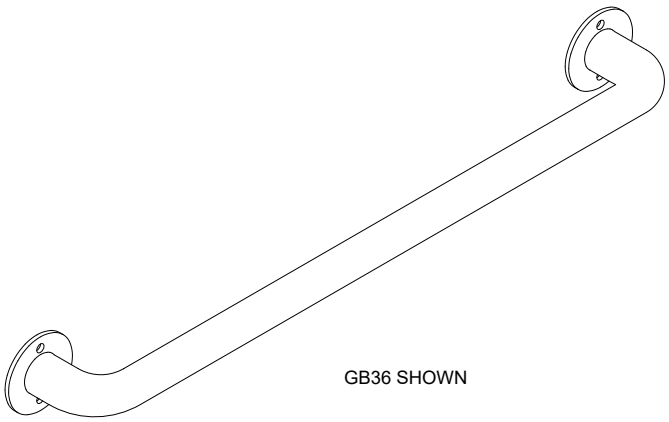
RS2



FRONT VIEW TYP. SECTION

GB Series

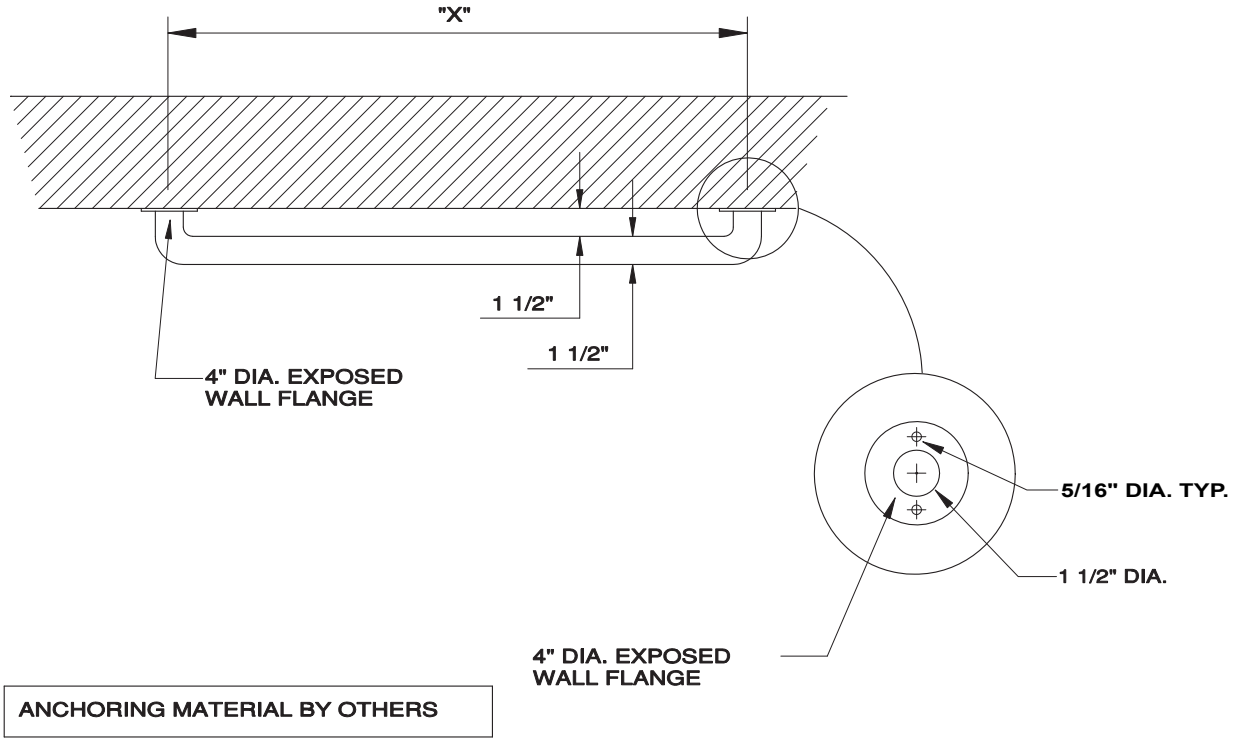
✓	MODEL NUMBER	GRAB BAR LENGTH ("X")
	GB18	18"
	GB24	24"
	GB30	30"
	GB36	36"
	GB42	42"
	GB48	48"
	GB3318	33" X 18"



GB36 SHOWN

GB _____ grab bars shall be fabricated from Type 304 stainless steel. Exposed stainless steel surfaces shall be polished to a #4 satin finish. Standard flange configuration is exposed. Grab bar fasteners and wall anchors by others.

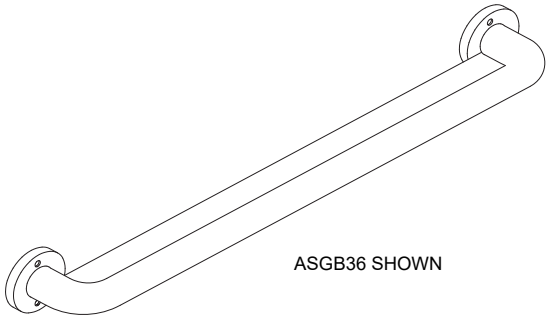
Various configurations are available.



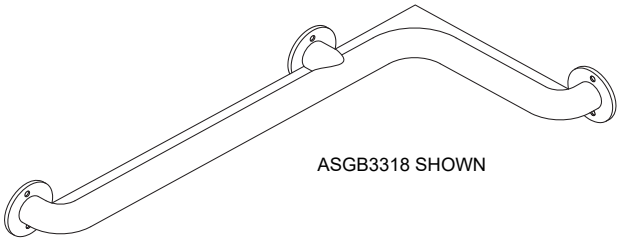
ANCHORING MATERIAL BY OTHERS

ASGB Series

✓	MODEL NUMBER	GRAB BAR LENGTH ("X")
	ASGB18	18"
	ASGB24	24"
	ASGB30	30"
	ASGB36	36"
	ASGB42	42"
	ASGB48	48"
	ASGB3318	33" X 18"



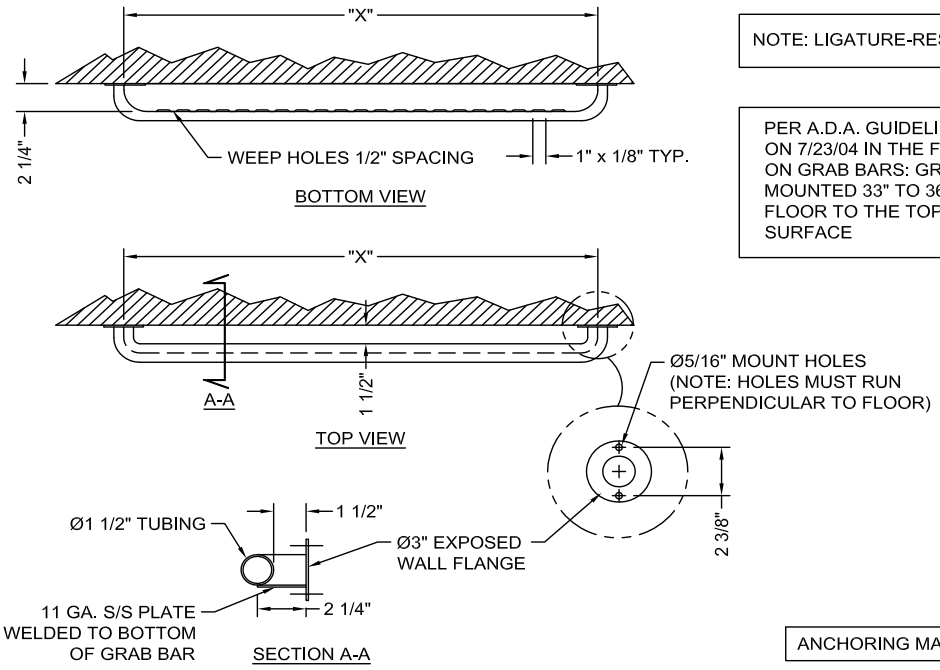
ASGB36 SHOWN



ASGB3318 SHOWN

ASGB Ligature-resistant grab bars shall be fabricated from Type 304 stainless steel. Exposed stainless steel surfaces shall be polished to a #4 satin finish. Grab bar shall have 11 gauge stainless steel plate welded to bottom to give fixture a ligature-resistant design. Standard flange configuration is exposed. Grab bar fasteners and wall anchors by others.

Various configurations are available.



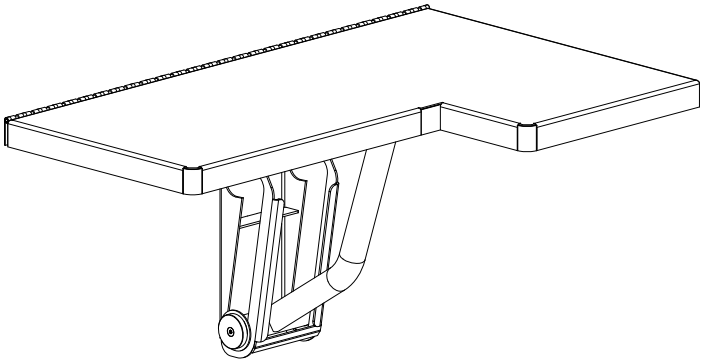
NOTE: LIGATURE-RESISTANT GRAB BAR

PER A.D.A. GUIDELINES AS PRINTED ON 7/23/04 IN THE FEDERAL REGISTER ON GRAB BARS: GRAB BARS MUST BE MOUNTED 33" TO 36" ABOVE FINISHED FLOOR TO THE TOP OF GRIPPING SURFACE

ANCHORING MATERIAL BY OTHERS

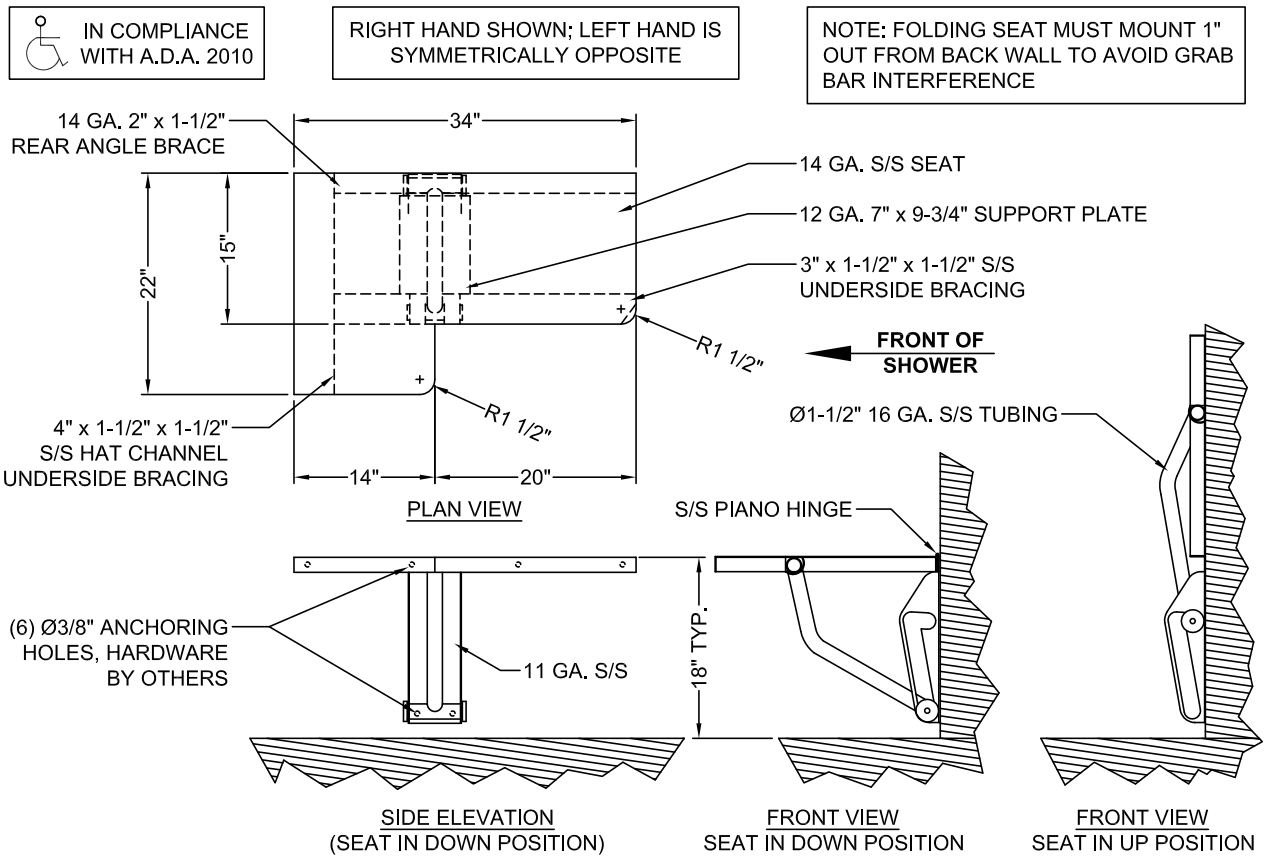
FSS Series

✓	MODEL NUMBER	SEAT CONFIGURATION
	FSSR	RIGHT HAND
	FSSL	LEFT HAND

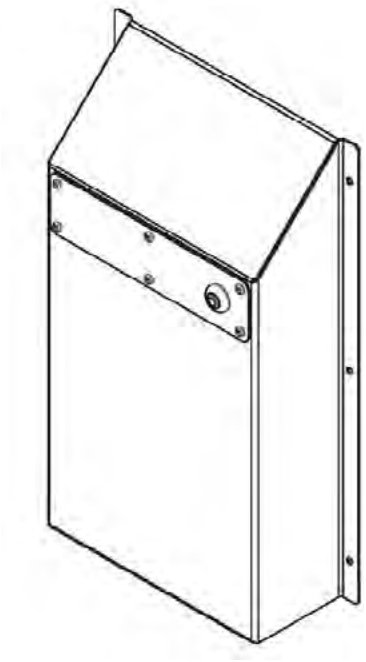


FSS _____ folding shower seat shall be fabricated from Type 304 stainless steel. Seating surface and flanges polished to a #4 satin fnish. Folding shower seat provides sturdy seating for users of handicapped shower facilities and can be easily folded up when not in use.

Wall anchors and fasteners by others.



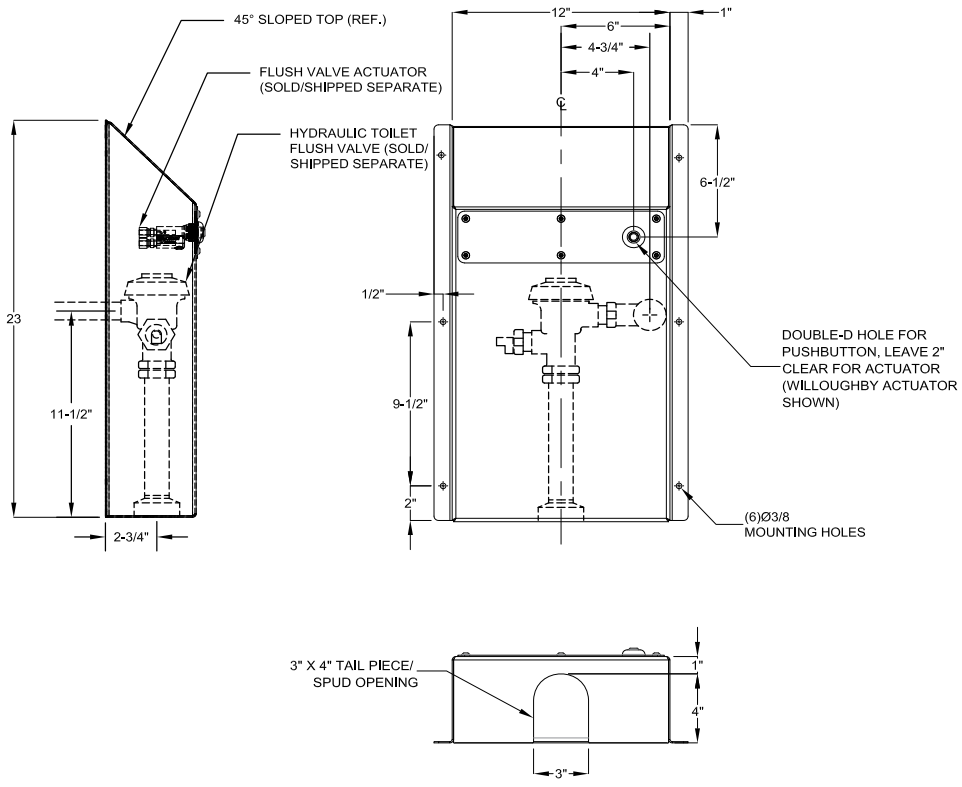
ASFVC



Stainless steel ligature-resistant flush valve cover shall be:
Willoughby Option No. **ASFVC**

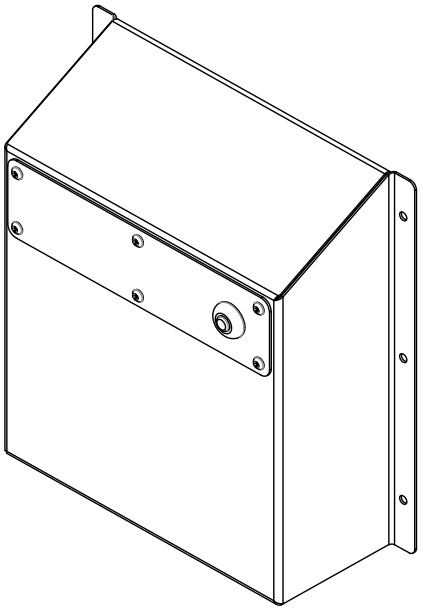
Flush valve cover shall be fabricated from 14 GA, Type 304 stainless steel with exposed stainless steel surfaces polished to a #3 satin finish. Flush valve cover is supplied with 5/16" mounting holes, anchoring hardware is provided by others. Flush valve cover shall have a ligature-resistant sloped top, radiused vertical corners, and (1) flush valve push button hole.

Options:
- ☐ DC Decorator Color (Fixture exterior only- White)
- ☐ For use with Willoughby push button actuator (double 'D' hole required)
- ☐ For use with Sloan push button actuator (1-1/2" hole required)
- ☐ For use with another push button actuator (specify hole size:_____)



LIGATURE-RESISTANT ADA COMPLIANT FLUSH VALVE COVER

ASFVC-ADA



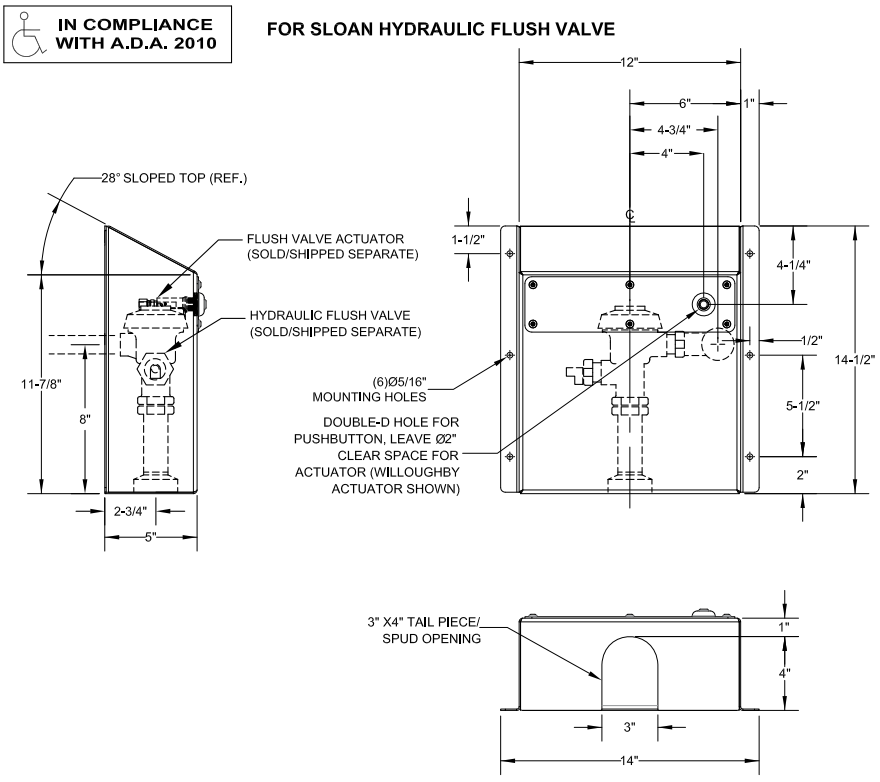
SHOWN WITH WILLOUGHBY 600317PM PUSH BUTTON

Stainless steel ligature-resistant ADA complaint flush valve cover shall be:
Willoughby Option No. **ASFVC-ADA**

Flush valve cover shall be fabricated from 14 GA, Type 304 stainless steel with exposed stainless steel surfaces polished to a #3 satin finish. Flush valve coveris supplied with 5/16" mounting holes, anchoring hardware is provided by others. Flush valve cover shall have a ligature-resistant sloped top, radiused vertical corners, (2) flush valve push button holes for right or left hand toilet, and (1) stainless steel hole cover plate to cover the unused push button hole.

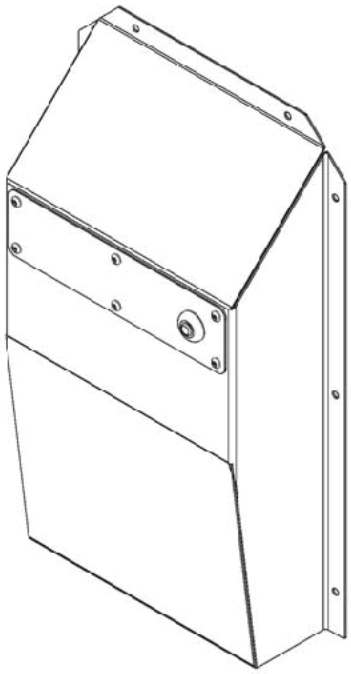
Options:

- ❑ DC Decortaor Color (Fixture exterior only- White)
- ❑ For use with Willoughby push button actuator (double 'D' hole required)
- ❑ For use with Sloan push button actuator (1-1/2" hole required)
- ❑ For use with another push button actuator (specify hole size:_____)



LIGATURE-RESISTANT URINAL FLUSH VALVE COVER

ASUFVC

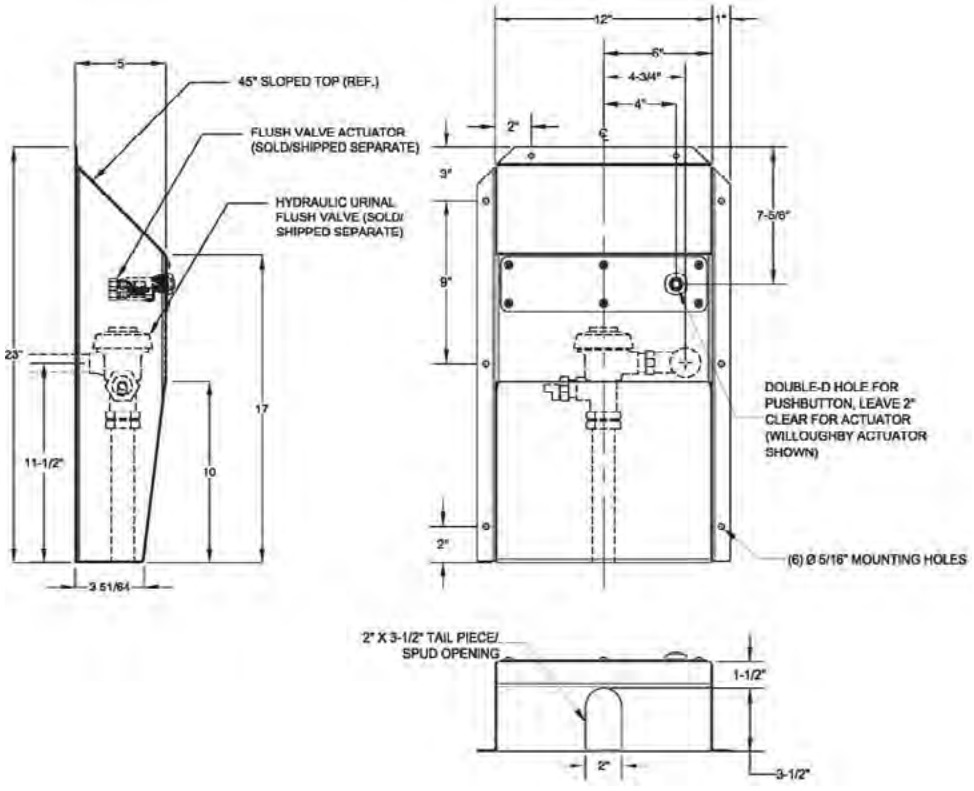


Stainless steel ligature-resistant urinal flush valve cover shall be:
Willoughby Option No. **ASUFVC**

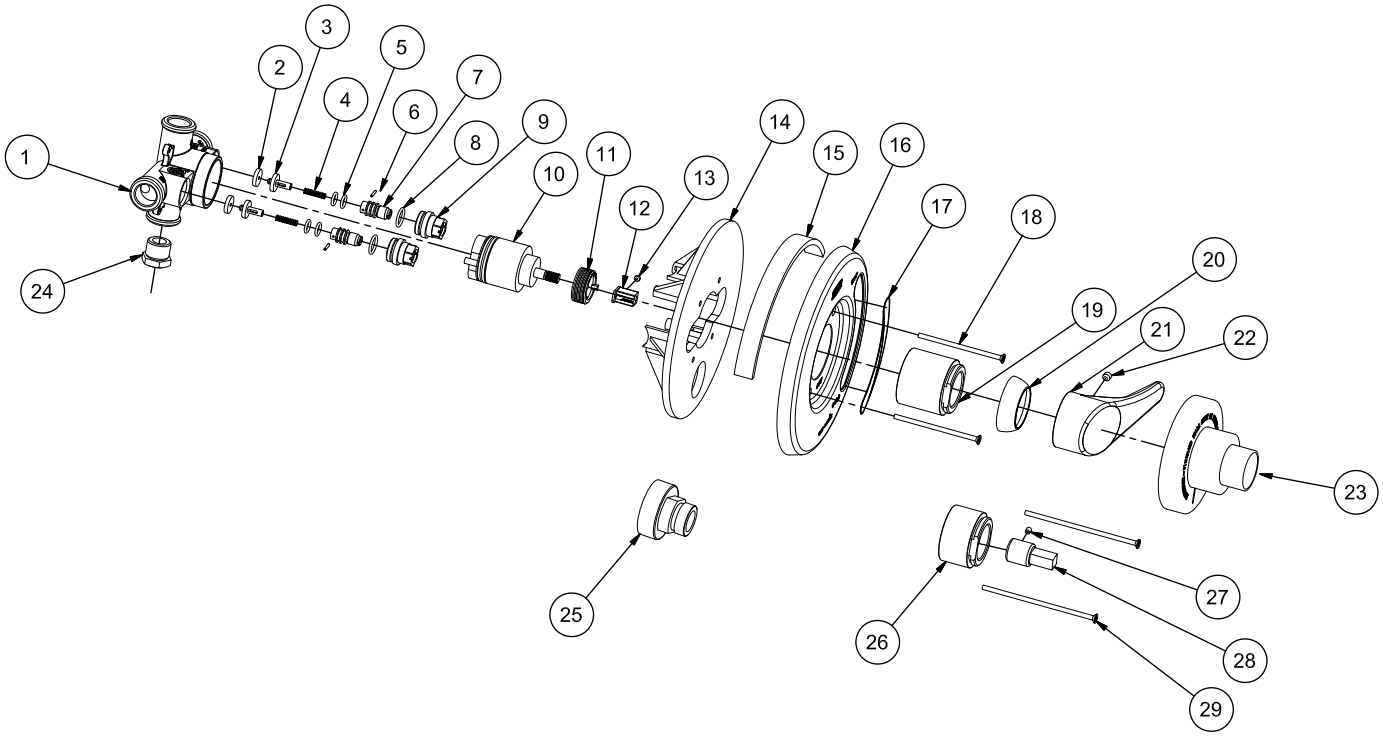
Urinal flush valve cover shall be fabricated from 14 GA, Type 304 stainless steel with exposed stainless steel surfaces polished to a #3 satin finish. Flush valve cover is supplied with 5/16" mounting holes, anchoring hardware is provided by others. Flush valve cover shall have ligature-resistant sloped top and bottom.

Options:

- ☐ DC Decorator Color (Fixture exterior only- White)
- ☐ For use with Willoughby push button actuator (double 'D' hole required)
- ☐ For use with Sloan push button actuator (1-1/2" hole required)
- ☐ For use with another push button actuator (specify hole size:_____)



NOTES:



REPLACEMENT KITS:

803730
CARTRIDGE KIT
ITEM NO.
10. Pressure Balancing Cartridge
11. Temperature Limit Stop
12. Handle Adaptor
13 Set Screw

RK7300-50A
SERVICE/CHECK STOP KIT
(2) PER.
ITEM NO.
2. Service Stop Washer
3. Service Stop Plunger
4. Spring
5. Stem O-Ring
6. Service Stop Roll Pin
7. Service Stop Stem
8. Retainer O-Ring
9. Service Stop Retainer

809598
WALL FLANGE KIT (OPTIONAL)
ITEM NO.
14. Wall Flange

803757
LEVER HANDLE KIT
ITEM NO.
21. Handle
22. Set Screw

RK7300-11AE-001
COVER SCREWS KIT
(2) PER
ITEM NO.
18. Cover Plate Screw, 3”

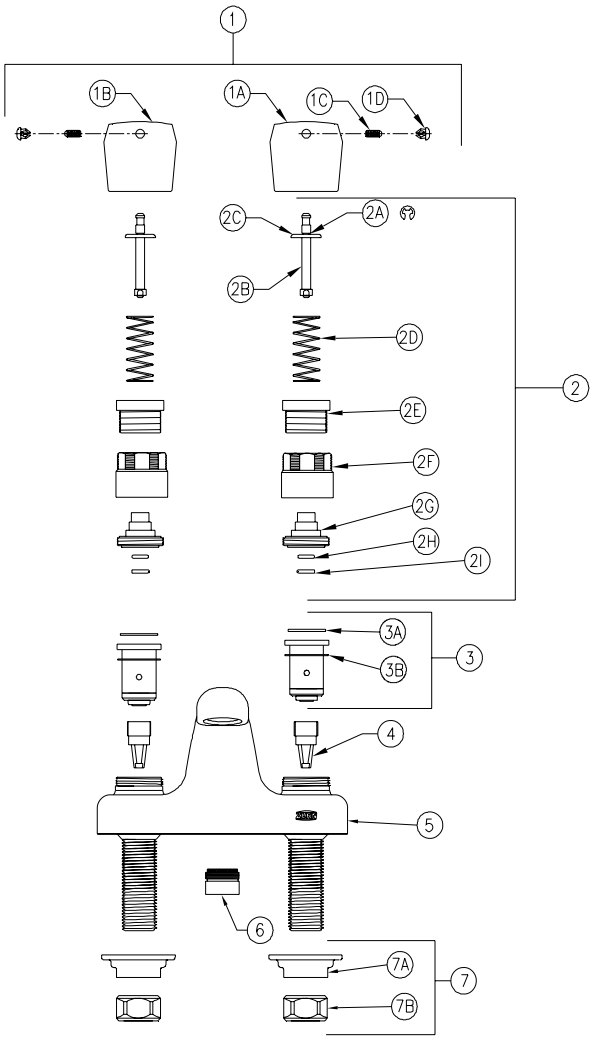
RK7300-EXT
EXTENSION KIT (OPTIONAL)
ITEM NO.
26. Escutcheon Extension
27. Set Screw
28. Stem Extension
29. Cover Plate Screws, 4”

RK7300-20HB
FLUSHING OUT KIT (OPTIONAL)
ITEM NO.
25. Hose Bib

RK7300-8MT-002
COVER PLATE KIT
ITEM NO.
16. Cover Plate w/Etched Lettering
17. Temperature Indicator

PARTS:
1. Valve Body
2. Service Stop Washer
3. Service Stop Plunger
4. Spring
5. Stem O-Ring
6. Service Stop Roll Pin
7. Service Stop Stem
8. Retainer O-Ring
9. Service Stop Retainer
10. Pressure Balancing Cartridge
11. Temperature Limit Stop
12. Handle Adaptor
13. Set Screw
14. Wall Flange
15. Gasket (7000-90).
16. Cover Plate w/Etched Lettering
17. Temperature Indicator
18. Cover Plate Screw, 3”
19. Escutcheon (7300-81MT)
20. Escutcheon Nut (7300-9MT)
21. Handle
22. Set Screw
23. Mud Guard (7300-17)
24. Tub Plug (7300-7B)
25. Hose Bib
26. Escutcheon Extension
27. Set Screw
28. Stem Extension
29. Cover Plate Screw, 4”

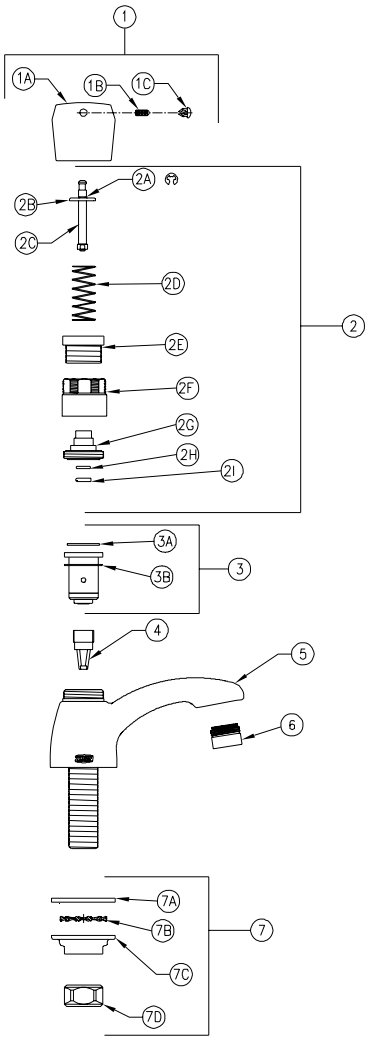
CENTERSET METERING FAUCET



Item	Part Number	Description	Qty.
1	G61830	Dual Metering Handle Assembly	1
1A	60601002	Cold Metering Handle	1
1B	60601001	Hot Metering Handle	1
1C	816270	Setscrew	2
1D	G60562	Metering Index Buttons - H, C	1
	60460001	Hot Index	1
	60460002	Cold Index	1
2	804715	Handle Nut Assembly	2
2A	60465001	E-Ring	1
2B	60451003	Stem	1
2C	60450001	Spring Seat	1
2D	60447001	Spring	1
2E	60446001	Adjustment Nut	1
2F	60452001	Cap	1
2G	60456001	Stem Housing	1
2H	944308	O-Ring	1
2I	60458001	O-Ring Retainer	1
3	807089	Metering Cartridge Ass'y	2
3A	58155020	O-Ring	1
3b	812104	Washer	1
4	G67787	Integral Shank Filter	2
5	92950003	4" [102mm] Centerset Body	1
6	400513	13/16"-27 Male Spray Outlet - 0.25 GPC	1
7	807070	Mounting Hardware	1
7A	808678	Mounting Nut	2
7B	808677	1/2" NPSM Riser Nut	2

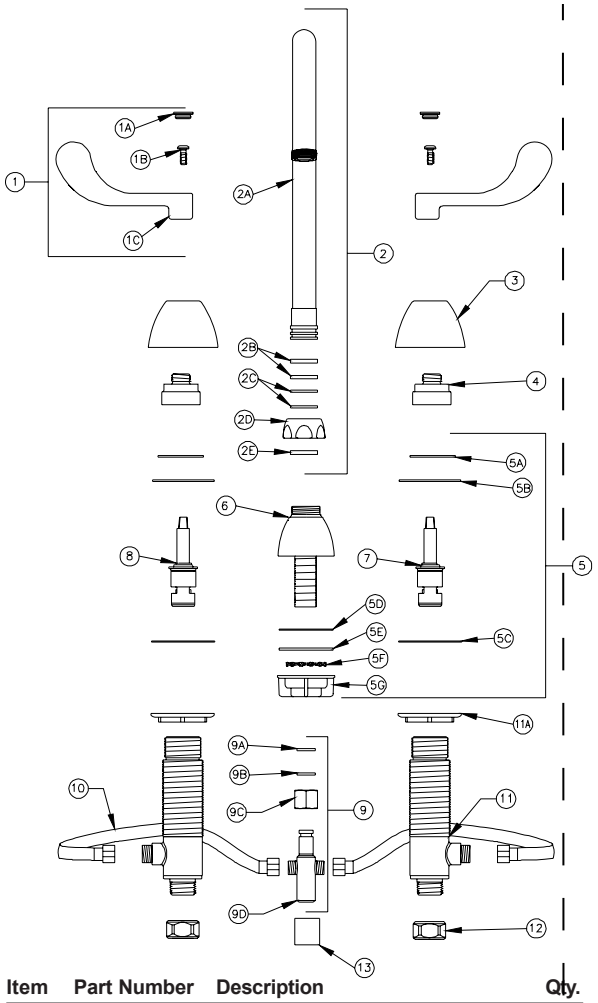
600158: COMPLETE FAUCET

SINGLE BASIN METERING FAUCET



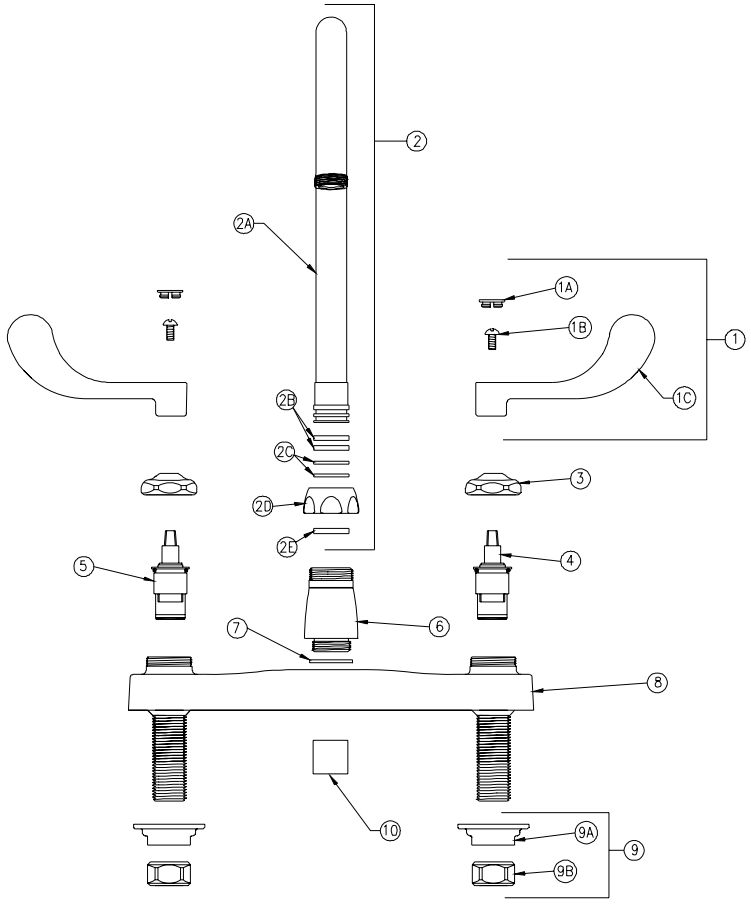
Item	Part Number	Description	Qty.
1	806403	Metering Handle Assembly	1
1A	60601003	Metering Handle	1
1B	816270	Setscrew	1
1C	605213	Metering Index Buttons - H, C, T	1
	60460001	Hot Index	1
	60460002	Cold Index	1
	60460003	Tempered Index	1
2	804715	Handle Nut Assembly	1
2A	60465001	E-Ring	1
2B	60450001	Spring Seat	2
2C	60451003	Stem	1
2D	60447001	Spring	1
2E	60446001	Adjustment Nut	1
2F	60452001	Cap	1
2G	60456001	Stem Housing	1
2H	944308	O-Ring	1
2I	60458001	O-Ring Retainer	1
3	807089	Cartridge Sleeve	1
3A	58155020	O-Ring	1
3B	812104	Washer	1
4	G67787	Integral Shank Filter	1
5	92285004	Single Basin Body	1
6	400513	13/16"-27 Male Spray Outlet - 0.25 GPC	1
7	G63367	Mounting Hardware	1
7A	60549001	Gasket	1
7B	806470	Lock Washer	1
7C	808678	Mounting Nut	1
7D	808677	1/2" NPSM Riser Nut	1

600157: PLAIN FAUCET
608701: HOT FAUCET
608702: COLD FAUCET



Item	Part Number	Description	Qty.
1	600118	4” [102mm] Wrist Blade Handles	1
1A	807167	Hot/Cold Color-Coded Indexes	1
	806267	Hot Index	1
	806266	Cold Index	1
1B	807169	10-32 Screw	2
1C	807176	Wrist Blade Handle	2
2	605380	5-3/8” Gooseneck ‘B’ Spout Ass’y. XL	1
2A	802086	5-3/8" Centerline Gooseneck Spout	1
2B	800208	O-Ring	2
2C	800209	Plastic Split Washer (Swing)	2
2D	804333	Spout Nut	1
2E	800211	Spacer Washer (Rigid)	1
3	806440	Escutcheon	2
4	806442	Cartridge Cap	2
5	806445	Mounting Hardware	1
5A	806460	Retaining Ring	2
5B	806465	Washer	2
5C	806466	Washer	2
5D	806467	Gasket	2
5E	806468	Washer	1
5F	806470	Toothed Lockwasher	1
5G	412688	Flanged Mounting Nut	1
6	806486	Base XL	1
7	805973Z	Long Cold Cartridge XL	1
8	805972Z	Long Hot Cartridge XL	1
9	800163	Tee Assembly XL	1
9A	806597	Gasket	1
9B	806598	Retaining Ring	1
9C	806599	Shank Nut	1
9D	807374	Tee XL	1
10	808458	S. S. Flexible Hose	2
11	807375	Valve Body Assembly XL	1
11A	807376	Nut	2
12	808677	1/2" NPSM Riser Nut	2
13	404141	3/4”-27 Female Aerator - 2.2 GPM	1

ZURN® 603557: WIDESPREAD KITCHEN SINK FAUCET

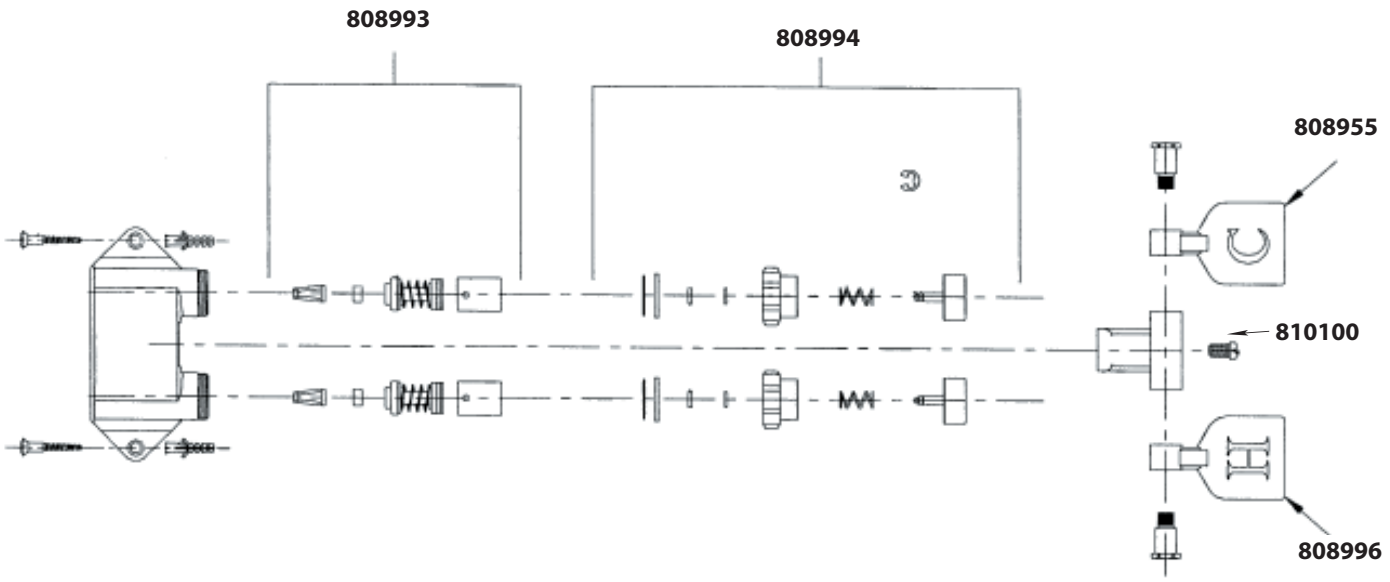


Item	Part Number	Description	Qty.
1	600118	4" [102mm] Vandal-Resistant Wrist Blade Handles	1
1A	807167	Hot/Cold Color-Coded Indexes	1
	806267	Hot Index	1
	806266	Cold Index	1
1B	807169	10-32 Screw	2
1C	807176	Wrist Blade Handle	2
2	605380	5-3/8” Centerline Gooseneck ‘B’ Spout Assembly XL	1
2A	802086	5-3/8” Centerline Gooseneck ‘B’ Spout XL	1
2B	800208	O-Ring	2
2C	800209	Plastic Split Washers (Swing)	2
2D	804333	Spout Nut	1
2E	800211	Spacer Washer (Rigid)	1
3	815233	Handle Nut	2
4	805974Z	Short Cold Cartridge XL	1
5	805975Z	Short Hot Cartridge XL	1
6	807173	Base XL	1
7	807172	O-Ring	1
8	93286001	Kitchen Deck Body XL	1
9	807070	Mounting Hardware Bag	1
9A	808678	Mounting Nut	2
9B	808677	1/2" NPSM Riser Nut	2
10	404141	3/4"-27 Female Aerator - 2.2 GPM	1

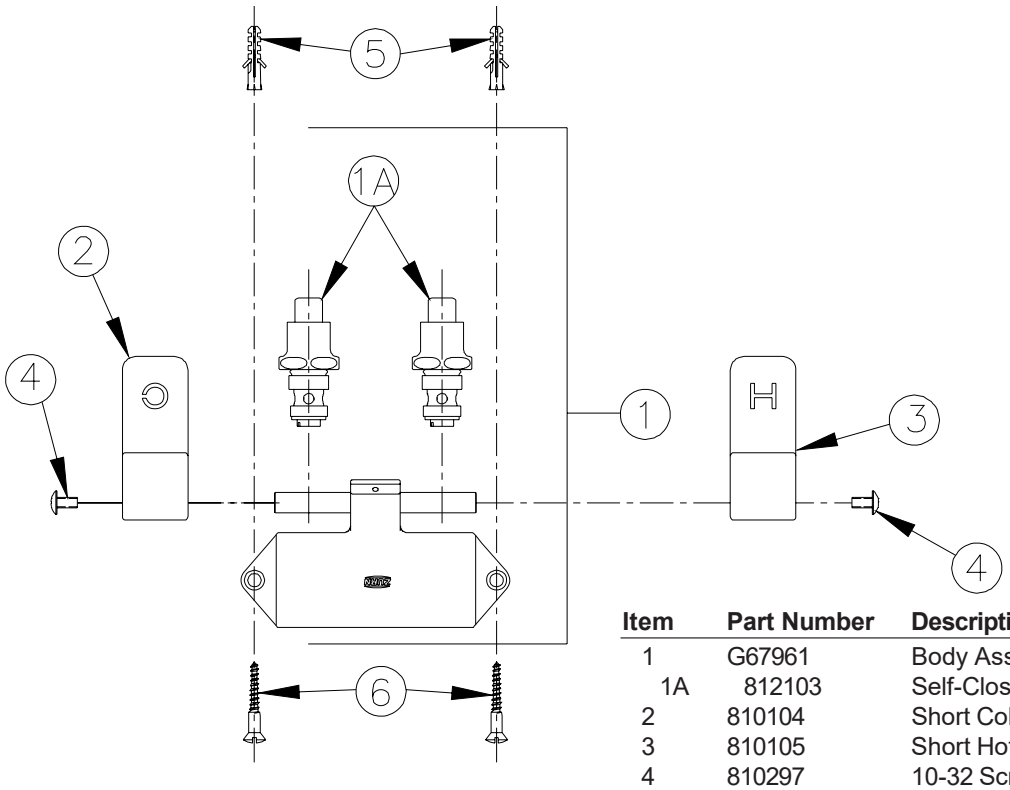
606632: KITCHEN SINK FAUCET 8” CENTERS

Z85500-XL DOUBLE FOOT PEDAL VALVE

OLD STYLE



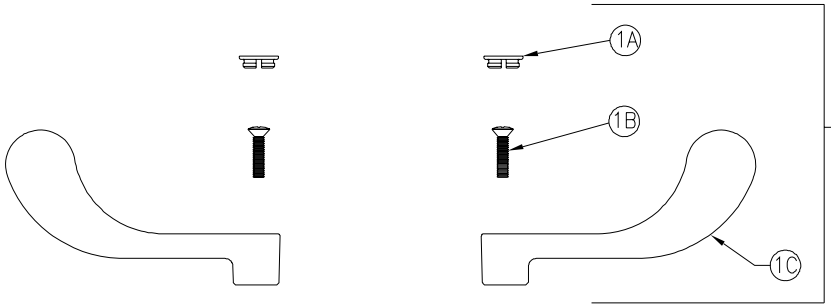
NEW STYLE

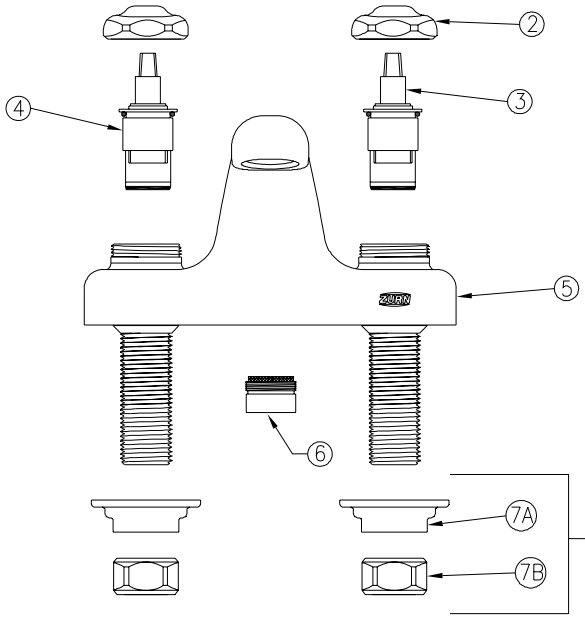


Item	Part Number	Description	Qty.
1	G67961	Body Assembly	1
1A	812103	Self-Closing Valve Assembly	2
2	810104	Short Cold Foot Pedal	1
3	810105	Short Hot Pedal	1
4	810297	10-32 Screw	2
5	810107	Wall Anchor	2
6	810108	#12 1-1/2” Wood Screw	2

ATLANTIC COASTAL SUPPLY INC.
ACSPARTS.NET (800) 520 - 0556

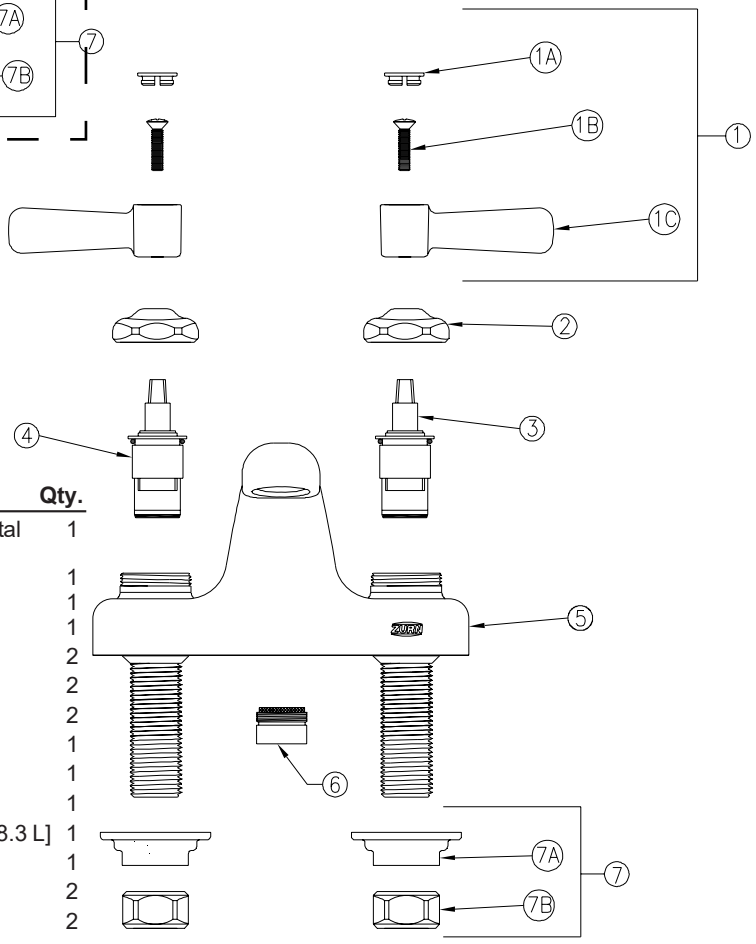
609096 (Z81104-XL): LAVATORY FAUCET 4" CENTERS W/ WRIST BLADE HANDLES



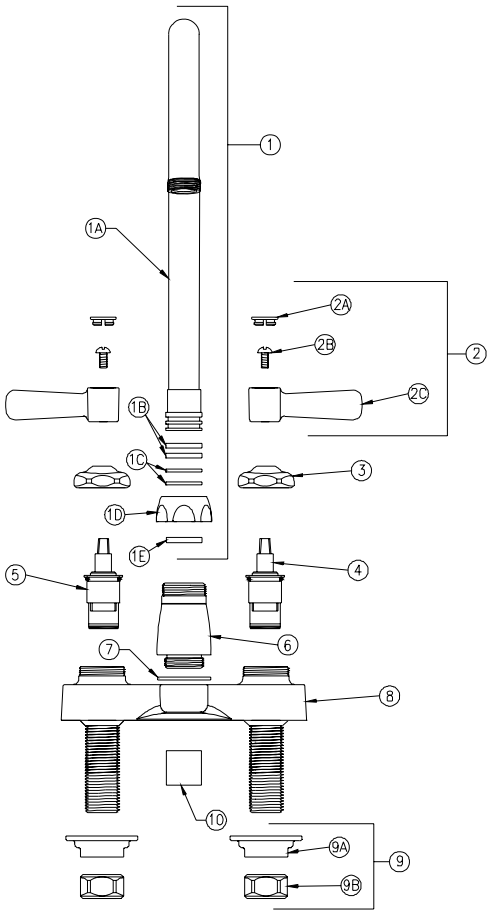


Item	Part Number	Description	Qty.
1	600118	4"[102mm] Vandal-Resistant Metal Wrist Blade Handles	1
1A	807167	Hot/Cold Color-Coded Indexes	1
	806267	Hot Index	1
	805266	Cold Index	1
1B	807169	10-32 Screw	2
1C	807176	4"Wrist Blade Handle	2
2	815233	Handle Nut	2
3	805974Z	Short Cold Cartridge XL	1
4	805975Z	Short Hot Cartridge XL	1
5	92950003	4" Centerset Body XL	1
6	409173	13/16"-27 Male Aerator - 2.2 GPM [8.3 L]	1
7	807070	Mounting Hardware	1
7A	808678	Mounting Nut	2
7B	808677	1/2" NPSM Riser Nut	2

604459 (Z81101-XL): LAVATORY FAUCET 4" CENTERS W/ LEVER HANDLES



Item	Part Number	Description	Qty.
1	806497	2-1/2" [64mm] Vandal-Resistant Metal Lever Handles	1
1A	807167	Hot/Cold Color-Coded Indexes	1
	806267	Hot Index	1
	806266	Cold Index	1
1B	807169	10-32 Screw	2
1C	807170	Lever Handle	2
2	815233	Handle Nut	2
3	805974Z	Short Cold Cartridge XL	1
4	805975Z	Short Hot Cartridge XL	1
5	92950003	4" Centerset Body XL	1
6	409173	13/16"-27 Male Aerator - 2.2 GPM [8.3 L]	1
7	807070	Mounting Hardware	1
7A	808678	Mounting Nut	2
7B	808677	1/2" NPSM Riser Nut	2

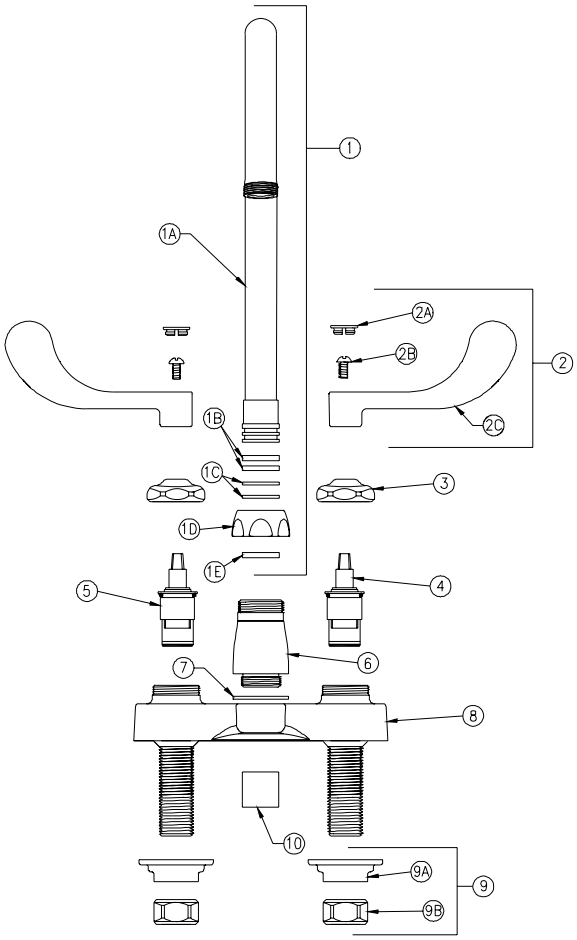


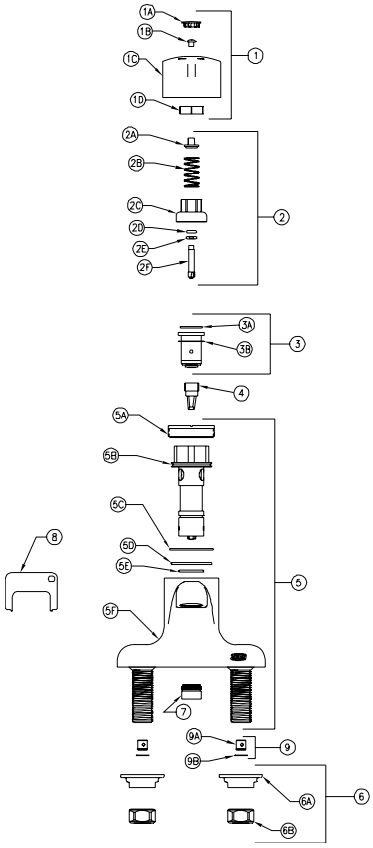
609087 (Z812B1-XL): GOOSE-NECK FAUCET 4" CENTERS W/ LEVER HANDLES

Item	Part Number	Description	Qty.
1	605380	5-3/8" Centerline Gooseneck 'B' Spout Assembly	1
1A	802086	5-3/8" Centerline Gooseneck Spout	1
1B	800208	O-Rings	2
1C	800209	Plastic Split Washers (Swing)	2
1D	804333	Spout Nut	1
1E	800211	Spacer Washer (Rigid)	1
2	806497	2-1/2" [64mm] Vandal-Resistant Metal Lever Handle	1
2A	807167	Hot/Cold Color-Coded Indexes	1
	806267	Hot Index	1
	806266	Cold Index	1
2B	807169	10-32 Screw	2
2C	807170	Lever Handle	2
3	815233	Handle Nut	2
4	805974Z	Short Cold Cartridge	1
5	805975Z	Short Hot Cartridge	1
6	807173	Base	1
7	807172	O-Ring	1
8	60454004	4" Centerset Gooseneck Body	1
9	807070	Mounting Hardware	1
9A	808678	Mounting Nut	2
9B	808677	1/2" NPSM Riser Nut	2
10	404141	3/4"-27 Female Aerator - 2.2 GPM [8.3 L	1

603558 (Z812B4-XL): GOOSE-NECK FAUCET 4" CENTERS W/ LEVER HANDLES

Item	Part Number	Description	Qty.
1	605380	5-3/8" Centerline Gooseneck 'B' Spout Assembly XL	1
1A	802086	5-3/8" Centerline Gooseneck Spout	1
1B	800208	O-Rings	2
1C	800209	Plastic Split Washers (Swing)	2
1D	804333	Spout Nut	1
1E	800211	Spacer Washer (Rigid)	1
2	600118	4" [102mm] Vandal-Resistant Metal Wrist Blade Handles	1
2A	807167	Hot/Cold Color-Coded Indexes	1
	806267	Hot Index	1
	806266	Cold Index	1
2B	807169	10-32 Screw	2
2C	807176	Wrist Blade Handle	2
3	815233	Handle Nut	2
4	805974Z	Short Cold Cartridge XL	1
5	805975Z	Short Hot Cartridge XL	1
6	807173	Base XL	1
7	807172	O-Ring	1
8	60454004	4" Centerset Gooseneck Body XL	1
9	807070	Mounting Hardware	1
9A	808678	Mounting Nut	2
9B	808677	1/2" NPSM Riser Nut	2
10	404141	3/4"-27 Female Aerator - 2.2 GPM [8.3 L	1



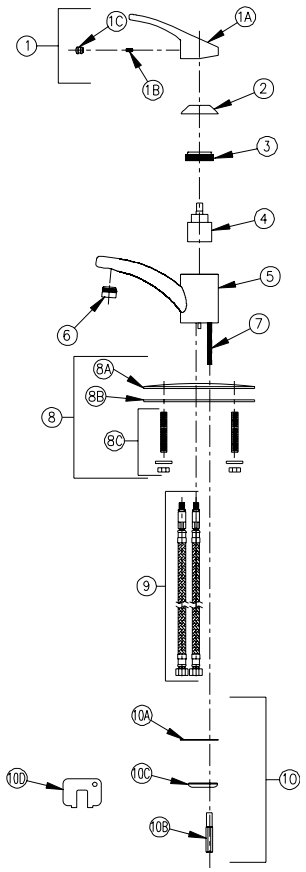


ACS # 600270
ZURN Z86000 - 4" Lavatory Metering Faucet

1	944300	Metering Handle Assembly	3A	944311	O-Ring
1A	NLA	Hole Plug	3B	944312	Washer
1B	944302	10-32 Screw	4	809208	Integral Shank Filter
1C	944303	Handle Only	5	944313	Body Aqua-Mixing Sub Assembly
1D	NLA	Adjusting Nut	5A	944314	Retaining Ring
2	807099	Handle Nut Assembly	5B	944315	Inlet
2A	944305	Stem End	5C	944316	Friction Gasket
2B	944306	Spring	5D	944317	Quad Ring
2C	944307	Handle Nut	5E	944318	Quad Ring
2D	944308	O-Ring	5F	944319	Body
2E	944309	Retainer	6	807070	Mounting Hardware
2F	944310	Stem	6A	808678	Mounting Nut
3	807089	Cartridge Sleeve	6B	808677	1/2" NPSM Riser Nut

ACS # 605265
ZURN Z82200 - 4" Single-Lever Lavatory Faucet

1	803633	Single Control Handle	8B	803662	Cover Plate Gasket
1A	803634	S/L Handle Only	8C	803663	Cover Plate Mounting Hardware
1B	803637	1/4-20 x 3/8 Set		803684	Cover Plate Stud
1C	803638	Hot/Cold Index Button		803689	Brass Washer
2	803648	Domed Cartridge Flange		803691	Stainless Steel Nut
3	803649	Cartridge Retaining Nut	9	803668	12" Braided Stainless Steel
4	803053	Ceramic Mixing Cartridge	10	803674	Faucet Mounting Hardware
5	803683	5" Body w/o Pop-up	10A	803692	Mounting Gasket
6	409173	2.0 GPM Aerator	10B	803699	1/4-20 UNC Mounting Nut
7	803654	1/4-20 UNC Mounting Stud	10C	803743	Mounting Ring
8	803657	4" Cover Plate Assembly	10D	803744	Domed Cartridge Flange Wrench
8A	803659	Cover Plate Only			

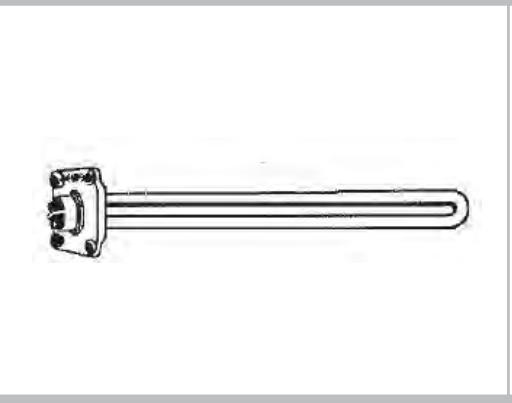


NOTES: _____

NOTES: _____

SECTION 11

PUMP AND WATER HEATER REPAIR







ATLANTIC COASTAL SUPPLY INC.

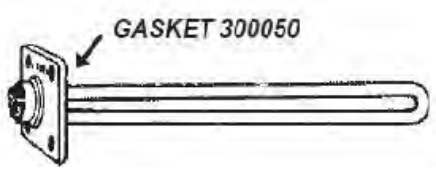
WATER HEATER REPAIR



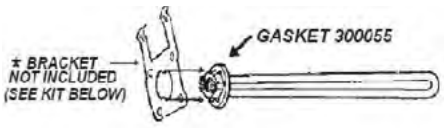
300015 3500 WATTS, 240V
300001 4500 WATTS, 240V
WATER HEATER ELEMENT SCREW IN TYPE, STRAIGHT, 8"



300010 3500 WATTS, 240V
300005 4500 WATTS, 240V
WATER HEATER ELEMENT 4 BOLTS WITH RAISED CORNERS



300021 3500 WATTS, 240V
300033 4500 WATTS, 240V
WATER HEATER ELEMENT 4 BOLTS WITH FLAT CORNERS, 13"



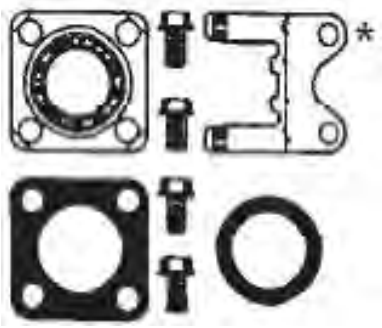
300020
WATER HEATER ELEMENT, ROUND HEAD, 3500 WATTS, 240V



300036 CAMCO/APCON
300031 KNOX/TERMODISC
LOWER THERMOSTAT (SINGLE POLE)



300037 CAMCO/APCOM
300035 ROBERT SHAW-THERMODISC
UPPER THERMOSTAT (DOUBLE POLE)



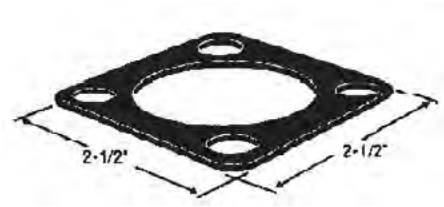
014461
UNIVERSAL ELEMENT ADAPTOR KIT FOR ELECTRIC WATER HEATER ELEMENT (ADAPTS FROM LUG TYPE TO SCREW IN)



014460
ELEMENT GASKET KIT



300060
WATER HEATER ELEMENT GASKET



300050
WATER HEATER ELEMENT GASKET

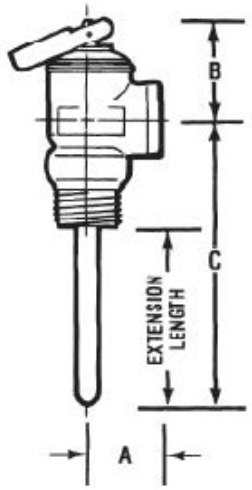


300040
WATER HEATER ELEMENT GASKET, USE WITH SCREW-IN ELEMENTS

RELIEF VALVES & GAUGES

TEMPERATURE & PRESSURE RELIEF VALVES

CONSTRUCTION/SPECIFICATIONS:
TYPE NC SERIES RELIEF VALVES FEATURES A CAST BRONZE BODY, BRASS AND STAINLESS STEEL INTERNAL PARTS, SILICONE SEAT DISC AND A STAINLESS STEEL PRESSURE SPRING.



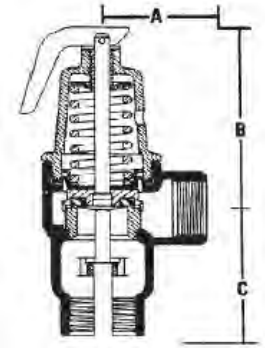
AGA, CGA, & ASME RATINGS

TYPE		**ACS#**	SIZE	ELEMENT EXTEN-SIN LENGTH	AGA RATING (BTU/HR)	ASME RATING AT 125 & 150 (BTU/HR)
NCLX-1*	125/210	**002549**	3/4"	3"	95,000	500,000
NCLX-1*	150/210	**002550**	3/4"	1-7/16"	95,000	500,000
NCLX-5*			1/2"	3"	15,000	**
NCLX-5*	125/210	**300146**	3/4"	3"	105,000	500,000
NCLX-5L*	150/210	**002548**	3/4"	2-1/4"	105,000	500,000
NCLX-LS			3/4"	3"	105,000	**
NCLX-8			3/4"	8"	105,000	500,000

**CGA DESIGN CERTIFIED*
***NON ASME RATED*

300558
PRESSURE ONLY RELIEF VALVE

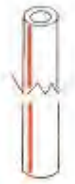
3/4" SET @30 PSI (717,000 BTU/HR)
DIMENSIONS: A=1-1/2", B=3-1/4", C=1-3/4"



TYPE F-82
F-82 IS A PRESSURE ONLY RELIEF VALVE DESIGNED FOR USE ON HOT WATER SPACE HEATING BOILERS, WATER SUPPLY HEATERS AND STORAGE TANKS. THESE VALVES ARE DESIGNED FOR USE ON HOT WATER SERVICE ONLY AND ARE NOT RATED FOR STEAM SERVICE.



ACS PART#	DESCRIPTION - NOTE: ALL HAVE STAINLESS STEEL HOUSINGS
408803	0-30 VACUUM GAUGE, LIQUID FILLED, 2 1/2 FACE, 1/4 BOTTOM MOUNT
300404	0-30 PRESSURE GAUGE, LIQUID FILLED, 2-1/2" FACE, 1/4" BOTTOM MOUNT
408809	0-60 PRESSURE GAUGE, LIQUID FILLED, 2-1/2" FACE, 1/4" BOTTOM MOUNT
408802	0-100 PRESSURE GAUGE, LIQUID FILLED, 2-1/2" FACE, 1/4" BOTTOM MOUNT
408857	0-160 PRESSURE GAUGE, LIQUID FILLED, 2-1/2" FACE, 1/4" BOTTOM MOUNT
408806	0-300 PRESSURE GAUGE, LIQUID FILLED, 2-1/2" FACE, 1/4" BOTTOM MOUNT
300400	0-60 PRESSURE GAUGE, LIQUID FILLED, 4 FACE, 1/4 BOTTOM MOUNT
300402	0-100 PRESSURE GAUGE, LIQUID FILLED, 4" FACE, 1/4" BOTTOM MOUNT
300401	0-200 PRESSURE GAUGE, LIQUID FILLED, 4" FACE, 1/4" BOTTOM MOUNT
303041	0-300 PRESSURE GAUGE, LIQUID FILLED, 4" FACE, 1/4" BOTTOM MOUNT
300406	0-60 PRESSURE GAUGE, DRY, 4-1/2" FACE, 1/4" BOTTOM MOUNT
300407	0-100 PRESSURE GAUGE, DRY, 4-1/2" FACE, 1/4" BOTTOM MOUNT
300403	0-160 PRESSURE GAUGE, DRY, 4-1/2" FACE, 1/4" BOTTOM MOUNT



THIN WALL LOW PRESSURE PYREX SIGHT GAUGE GLASS (RED LINE)

300557 5/8" X 12"
000871 5/8" X 18"
300062 5/8" X 36"
000526 3/4" X 12"



THICK WALL HIGH PRESSURE SIGHT GAUGE GLASS (RED LINE)

300008 3/4" X 12"
300007 5/8" X 12"



300067
3/4" GAUGE GLASS FRICTION RING (BRASS)
300070
5/8" GAUGE GLASS FRICTION RING (BRASS)



942000
5/8" GAUGE GLASS GASKET (RUBBER)



304555
STEAM GAUGE SYPHON, STRAIGHT 1/4" MPT X 1/4"MPT



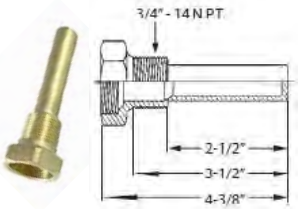
304556
STEAM GAUGE SYPHON ANGLED 1/4" MPT X 1/4"MPT



300068
3/4" GAUGE GLASS BRASS NUTS
300069
5/8" GAUGE GLASS BRASS NUTS



940828
GAUGE GLASS CUTTER, CUTS UP TO 3/4" O.D.



940998
UNIVERSAL THERMOMETER WELL, FITS MAJOR MFG'S THERMOMETERS



944021
DIGITAL THERMOMETER FOR CHILL & HOT WATER LINES



300407
PRESSURE GAUGE STAINLESS STEEL, 1/4" BOTTOM MOUNT 4-1/2" DRY FACE



408809
PRESSURE GAUGE-LIQUID FILL STAINLESS STEEL, 1/4" BOTTOM MOUNT, 0-60PSI, 2-1/2" FACE



300403
PRESSURE GAUGE, 1/4" BOTTOM MOUNT, 0-160PSI, 4-1/2" DRY FACE



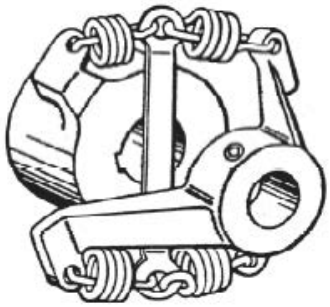
940836
PRESSURE GAUGE 1/4" BOTTOM MOUNT, 0-100PSI, 2" FACE, STEEL CASE

NOTES: _____

BELL & GOSSET COUPLERS



300566
1/2" X 5/8" KEYWAY, P4Z-429, 118709 - 4J



300071
5/8" KEYWAY X 1/2" YOKE, P77237, 186410 - 4J



300072
5/8" KEYWAY X 5/8" KEYWAY, PS2Z-12291, 118476 - 4J



300567
1/2" X 1/2" YOKE, PDZ-1229, 118473 - RM798 - 3J



300073
SERIES 100, CAST, 189110

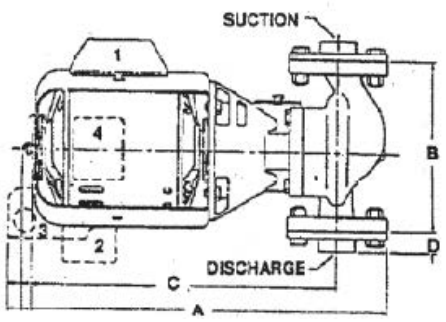
300570
CAST, 1/2" X 1/2", 1/4-1/3 HP MOTORS, P2Z-12291, 118723

300073
CAST, PZ-4291, SERIES 100, 118705, 1/12-1/6 HP, 06026-01, RM876 - 3J

NOTES:

BELL & GOSSETT PUMPS & PARTS

MODEL NO	FLANGE SIZE NPT INCHES (SPECIFY SIZE)	DIMENSIONS IN INCHES (DRIP PROOF) (MM)				APPROX. SHPG. WT. LBS. (KG)	
		A	B	C	D	IRON BODY	BRONZE BODY
SERIES 100	3/4	14-7/8 (378)	6-3/8 (162)	12-3/4 (324)	9/16 (14)	20 (9)	21 (10)
	1, 1-1/4				3/4 (19)		
	1-1/2				15/16 (24)		
SERIES HV	1	15-3/8 (391)	8-1/8 (216)	13 (330)	5/8 (16)	28 (13)	30 (14)
	1-1/4, 1-1/2				3/4 (19)		





FLANGES FOR CIRCULATING PUMPS

*Universal type flange for Bell & Gosset, Armstrong pumps
*Steel or Cast Bronze
*3-5/32" or 3-7/16" centers*Fits B&G 100 NRF22, NBF12, and 100 Series/ Armstrong Astro 30 and S-25

Steel 3-5/32" Centers

307400 3/4"
307401 1"
307402 1-1/4"
307403 1-1/2"

Cast Brass 3-5/32" Centers

307404 3/4"
307405 1"
307406 1-1/4"
307407 1-1/2"

*Fits B&G HVHFI/Armstrong H32

Steel 3-7/16" Centers

307408 1"
307409 1-1/4"
307410 1-1/2"



SERIES 100 TYPE CIRCULATOR PUMP, IRON or BRONZE

*3 Piece type design features replaceable parts
*1/12 HP motor, 1750 RPM, 115 V, 60 HZ
*For use on 3/4" through 1-1/2" pipes
*Flange gaskets included

301557 B&G #100NF1, ARMSTRONG #S25 (IRON)

008846 B&G #100BNF1, ARMSTRONG #S25 (BRONZE)



HIGH VELOCITY CIRCULATOR PUMP, IRON BODY

*1/6 HP motor, 1750 RPM, 115 V, 60 HZ
*For use on 1" through 1-1/2" pipes
*Flange gaskets included
*Higher flow and head
*Quiet, efficient operation

306998
B&G #HVHFI, ARMSTRONG #H32 (IRON)



SEAL BEARING ASSEMBLY BRONZE FITTED

*Features bronze face plate, nut and washer, seal kit included
*Fits bronze or iron body pumps for Bell & Gossett or Armstrong

300447
Fits B&G #118844/Armstrong #816019-02



SEAL KIT

*Fits many Bell & Gossett or Armstrong Circulating Pumps

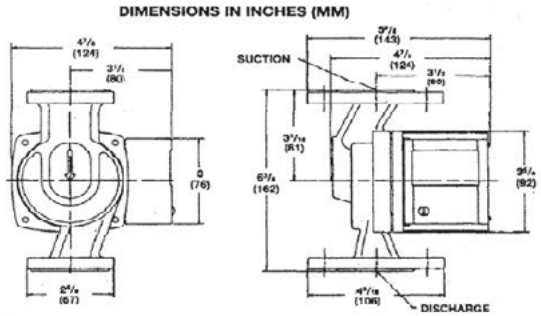
300117
Fits B&G #118681/Armstrong #816706-001



301226
1/12 HP CIRCULATOR PUMP MOTOR
*Replacement motor for most popular Bell & Gossett 100 Series & Armstrong S-25 Series pumps. 1AMP, 115V, 60HZ, Thermally protected

CIRCULATING PUMPS/COUPLINGS





WET ROTOR CIRCULATOR PUMPS-3 YEAR WARRANTY

306940 IRON
307890 BRONZE (LOW HEAD)
008801 BRONZE (MEDIUM HEAD)

*Single speed *For use on 3/4" through 1-1/2" pipes
*Polypropylene impeller *Flange gaskets included
*1/25 HP motor *For heating and cooling application
*Up to 80% more starting torque than competing circulators



TACO CIRCULATOR PUMP

306626 STAINLESS
302203 CAST IRON
302204 3/4" BRONZE FLANGE KIT

-The Taco 007 is a cartridge style, maintenance free, wet-rotor, in-line, single stage circulator pump. It is designed for quiet operation in Hydronic heating, Radiant heating, Hydro-Air fan coils, Indirect water heaters, Chilled fresh water, and Domestic Water Recirculation systems.
-Available in Cast Iron or Bronze construction with universal flanged connections. The unique replaceable cartridge contains all of the moving parts and allows the circulator to be easily serviced instead of replacing the entire unit. Ideal for a wide range of applications.



SURE-FLEX SLEEVE

MODELED RUBBER AND ONE-PIECE SOLID CONSTRUCTION FOR QUIET OPERATION. THESE SLEEVES MAY BE USED IN ANY SUREFLEX FLANGE WITHIN A GIVEN SIZE.

ACS#	COUPLING SIZE	D	W	WT (LBS)
300090	3"	1-7/8"	1"	.06
300411	4"	2-5/16"	1-1/4"	.10
301400	5"	2-5/16"	1-9/16"	.20
300401	6"	3-3/4"	1-7/8"	.40
301402	7"	4-11/32"	2-3/16"	.62

NOTES: _____

PUMP COUPLINGS



ACS #300002
1/2" x 1/2" Shafts



ACS #300003
1/2" x 1/2" or
1/2" x 5/8" Shafts



ACS #300004
1/2" x 5/8" or
5/8" x 5/8" Shafts



ACS #300006
1/2" x 1/2" or
1/2" x 5/8" or
5/8" x 5/8" Shafts

GENUINE AUTHENTIC ORIGINAL

Spiralink™

The Single Spring Alternative!

Spiralink™ Coupler Cross-Reference Chart

ACS Part #	Circulator Model		Motor		Shaft Dia.	OEM Part #	
	B & G	Armstrong	HP	Rot		B & G	Armstrong
300002	75	S-25	1/12	CCW	1/2 x 1/2	118705 or 189110	806026
	100						
	125						
	150						
	1-1/2"	S-34	1/6				
	2"	S-35					
	2-1/2" LD3	S-45	1/4			118723	806168
	HV1" HV1-1/4" HV1-1/2"	H-32	1/6			118705 or 189110	806026
	1"PR	H-41					
300003	PD-35	S-55	1/2	CW	1/2 x 1/2 or 1/2 x 5/8	118473 or 118708 or 09	807436 or 806137
	PD-37	S-57	3/4				
300004	PD-38	S-69	1		1/2 x 5/8 or 5/8 x 5/8	118476 or P77271	812734 or 816665
	PD-39						
	OLD NEW						
300003	60-1 60-11	H-51	1/4		B & G 1/2 x 1/2	118473	807436
	60-2	H-52	1/3				
	60-3 60-13	H-53	1/2		Armstrong 1/2 x 5/8	118709 or P77234	806137
	60-4 60-14	H-54	3/4				
300004	60-5 60-15	H-63	1/2		1/2 x 5/8	186410 or P77237	812734
	60-6 60-16	H-64	3/4				
	60-8	H-66					
	60-17	H-65	1		5/8 x 5/8	118476 or P77271	816665
	60-19	H-67					
300003	SERIES 1522 1S & 1T thru 17S & 17T		1/4 thru 1/2		1/2 X 1/2 or 1/2 x 5/8	118473 or 118709	
300006	Taco Model	121	1/4	CCW	1/2 x 1/2 or 1/2 x 5/8 or 5/8 x 5/8	1624-053RP (Woods 3J or 4J)	
		122	1/4				
		131	1/3				
		132	1/2				
		133	3/4				
		138	1				

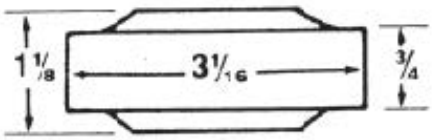
INFORMATION

Rotation is always determined by viewing the motor from behind, (shaft pointing away). A serviced motor may come back running the wrong direction. Make sure to check motor rotation before installing new coupling.

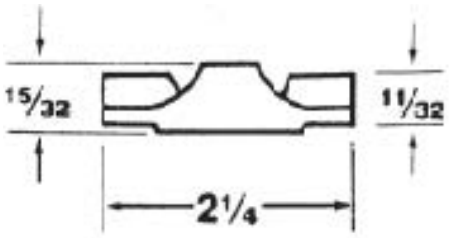
GUARANTEE

Spiralink™ couplers are warranted for life when correctly installed in the appropriate circulating pump. If a ***Spiralink™*** coupling should ever fail, simply return it to your place of purchase to receive a free replacement.

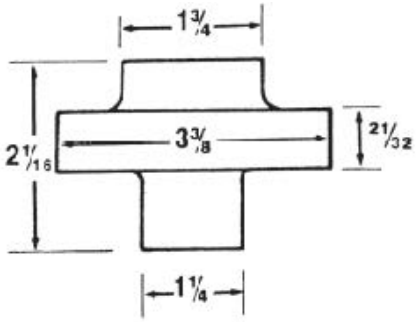
IMPELLERS



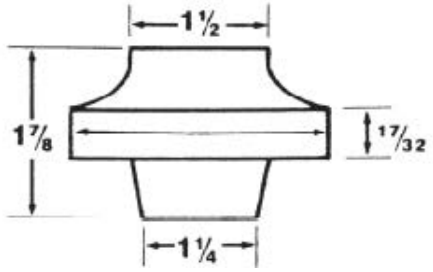
118665 STEEL
304003 BRONZE
USED ON 1-1/4" & 1-1/2" BOOSTERS THROUGH 1949 (1" BOOSTER 1950 AND AFTER)



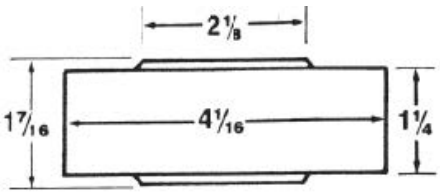
P15627
NON-FERROUS USED ON LR-20, LR-20B & LR-15B



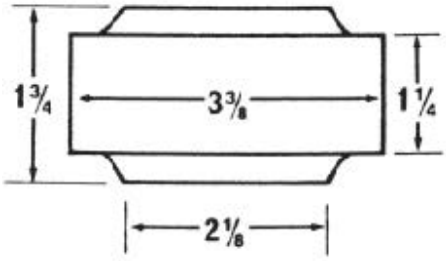
403719
NON-FERROUS USED ON HV & 2" NFI & BNFI BOOSTERS SINCE JAN. 1976



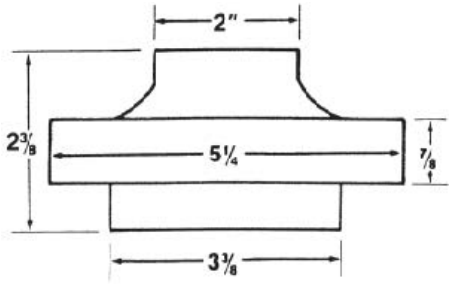
008066
NON-FERROUS (2 PIECES) USED ON SERIES 100 NFI, BNFI, IB BOOSTERS AND SC-75 BOOSTERS



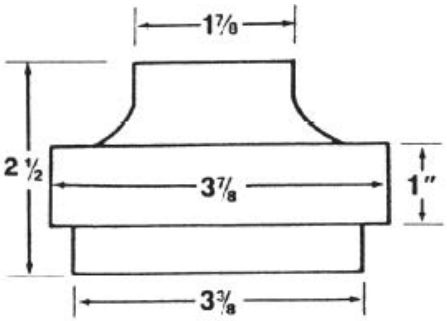
118438 BRONZE
118674 STEEL
USED ON 3" HHD BOOSTERS THROUGH 1949



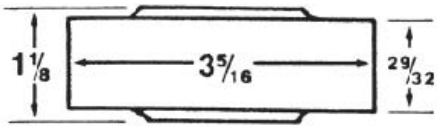
118437 BRONZE
118669 STEEL
Used on 2-1/2" & 3" HLD Boosters through 1949



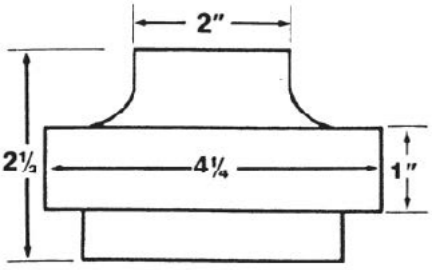
309405 BRONZE
118629 STEEL
USED ON PD37 BOOSTERS



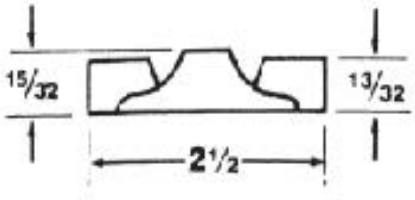
118676 BRONZE
008257 STEEL
USED ON 2-1/2" & 3" LD BOOSTERS THROUGH 1950



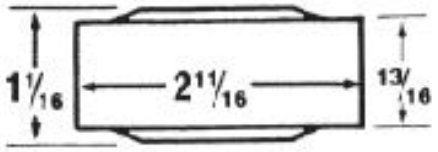
118666
STEEL USED ON 2" & HV BOOSTERS THROUGH 1949 (1-1/4" & 1-1/2" 1951 TO SEPT. 1976)



118675 STEEL
118439 BRONZE
USED ON 3" HV BOOSTERS SINCE 1950

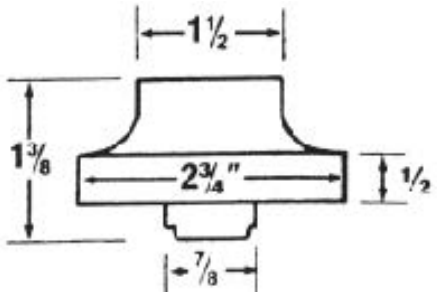


P15629
NON-FERROUS USED ON LR-12 & LR12B

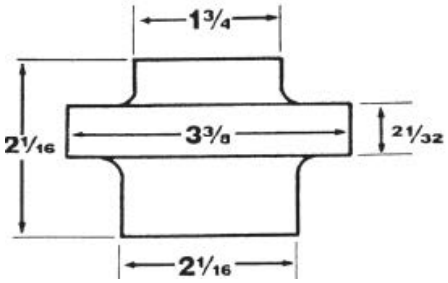


118433
BRONZE USED ON 1" BOOSTERS THROUGH 1949

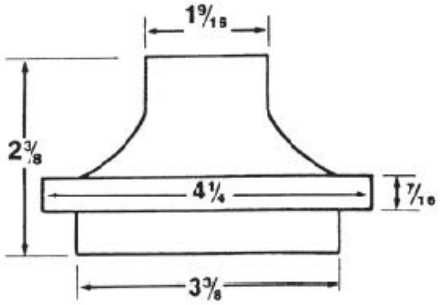
IMPELLERS



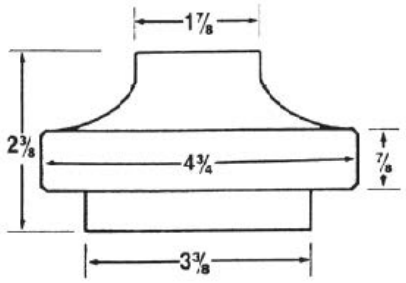
304999
BRONZE USED ON BF & AB SERIES 100 BOOSTERS



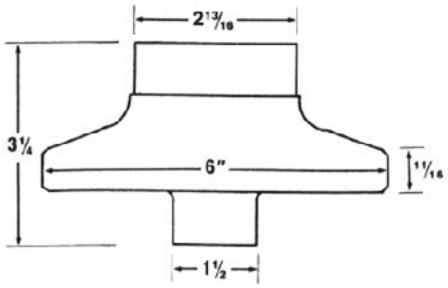
P07792
BRONZE CAN BE USED ON 2" & HV BOOSTERS SINCE JAN. 1976



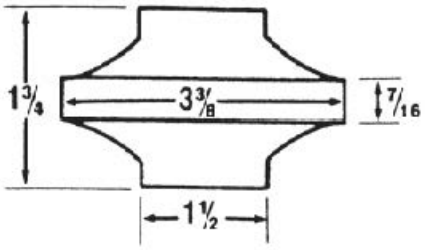
305541 BRONZE
300427 STEEL
USED ON PR BOOSTERS



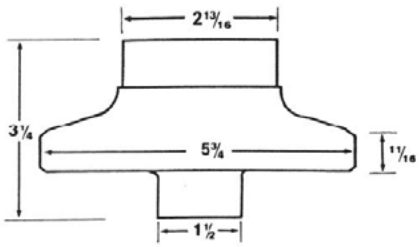
306887 BRONZE
118630 STEEL
USED ON PD 35 BOOSTERS



118452 CAST IRON
118453 CAST BRONZE
USED ON PD39 & PD40 BOOSTERS



309951
BRONZE 1951 TO DEC. 1976 USED ON 1-1/4" & 1-1/2" (W/BRASS BODY ONLY)
118668
STEEL USED ON 2" & HV 1951 TO 1976



P08709 STEEL
P08689 BRONZE USED ON PD 38 BOOSTERS

ATLANTIC COASTAL SUPPLY INC.
ACSPARTS.NET (800) 520 - 0556

NOTES: _____

NOTES:

NOTES:

SECTION 12

BUBBLERS/HYDRANTS AND RELATED REPAIR PARTS







ATLANTIC COASTAL SUPPLY INC.

DRINKING FOUNTAIN/BUBBLER PARTS



804531
BRASS BUBBLER HEAD
802066
CHROME PLATED PVC BUBBLER HEAD



807718
SELF CLOSING DRINKING FOUNTAIN CHROME W/ 1/2" IPS INLET LEAD FREE



600153
CENTRAL BRASS SELF CLOSING DRINGING FOUNTAIN W/LEVER HANDLE CP BRASS 1/2" NPSM SHANK



803020
REMOTE PUSH BUTTON VALVE CP BRASS BUTTON W/LEAD FREE CARTRIDGE 1/4" FPT



804885
PUSH BUTTON DRINKING FOUNTAIN RETRO-FIT KIT



801365
BUBBLER FAUCET W/REPLACEABLE CARTRIDGE CP BRASS 3/8" IPS INLET



801640
DRAIN TRAP FOR WATER FOUNTAIN BY ELKAY (FITS MOST BRANDS)



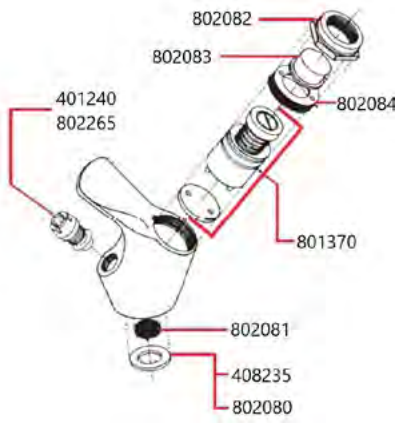
801370
UNIVERSAL BUBBLER CARTRIDGE LEAD FREE



803669
BUBBLER CONVERSION KIT (CONVERTS TWIST HANDLE FOUNTAINS) INCLUDES STOP VALVE & SUPPLY LINE FOR AMERICAN STANDARD, KOHLER & HALSEY TAYLOR

200023 FOUNTAIN BUSHING & VALVE WRENCH 2-IN-1 TOOL
802082 HEX COVER NUT
802083 PUSH BUTTON
802084 BRASS RETAINING NUT
401240 STANDARD
802265 ELKAY
801370 LEAD FREE CARTRIDGE
802081 SCREEN
408235 THICK TALSEY TAYLOR GASKET
802080 STANDARD GASKET





EBCO MODEL 12000 VALVE

HAND OPERATED

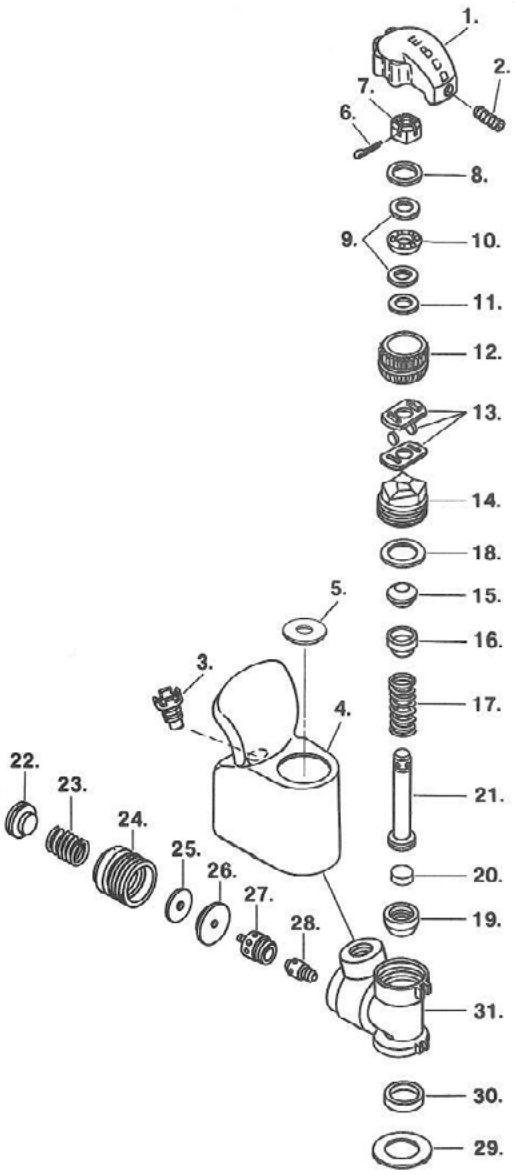


FIG. NO.	DESCRIPTION	EBCO PART NO.	DESCRIPTION
1.	Handle	013429	Handle Ass'y, Valve (Fig. 1 and 2)
2.	Set Screw		
3.	Nozzle	021489	Nozzle & Straightener Ass'y
4.	Guard, Plastic Chrome	026316-001	Guard
5.	Washer	011633	Washer
6.	Cotter Pin	013059-001	Stem Ass'y (Fig. 6 through 21)
7.	Nut		
8.	Washer, Felt		
9.	Washer, Thrust		
10.	Bearing Ass'y		
11.	Washer, Felt		
12.	Bushing		
13.	Bearing Ass'y		
14.	Nut		
15.	Packing		
16.	Gland		
17.	Spring		
18.	Washer		
19.	Retainer		
20.	Valve Seat		
21.	Stem		
22.	Adjusting Screw	011494	Adjusting Screw
23.	Spring	010203	Spring
24.	Nut	011495	Nut
25.	Washer	027790-001	Sleeve & Diaphragm Ass'y (Fig. 25 through 27)
26.	Diaphragm Ass'y		
27.	Sleeve, Piston		
28.	Piston	008990	Piston, Regulating
29.	Gasket	009281	Washer, Friction
30.	Gasket	008983	Gasket, Valve Body
31.	Valve, Body Ass'y	021624-002	Valve Body Ass'y (Fig. 6 through 30)
		023571	Kit, Repair, 12000 Hand Operated (Includes Fig. 6 through 21, Fig. 23, Fig. 25 through 30)

Instructions To Order:

1. Determine the part required to repair your valve—use the part number and the description following it when ordering. *Do not use the figure number.*
2. *Parts that are bracketed are sold as assemblies only.*

Maintenance Instructions:

1. To remove bubbler guard, 026316-001,—loosen set screw in handle and remove handle. Use screw driver to remove nozzle assembly, 021489. The bubbler guard may now be removed.
2. Stream regulation—with the bubbler guard removed replace the nozzle ass'y in the valve body. Turn the adjusting screw (Fig. 22) clockwise to raise stream or counter-clockwise to lower stream.
3. After adjustment is completed, remove nozzle ass'y, replace bubbler guard, replace nozzle ass'y, install handle ass'y. Note: A clearance of 1/32" should be allowed between the bubbler guard and the handle on the side nearest bubbler outlet. Tighten set screw only enough to prevent handle from lifting off—over-tightening may cause handle to crack.

The parts listed are available from most Ebco distributors, approved service centers, or the factory.

Form 298-R16

EBCO MODEL 12000 A VALVE

HAND OPERATED

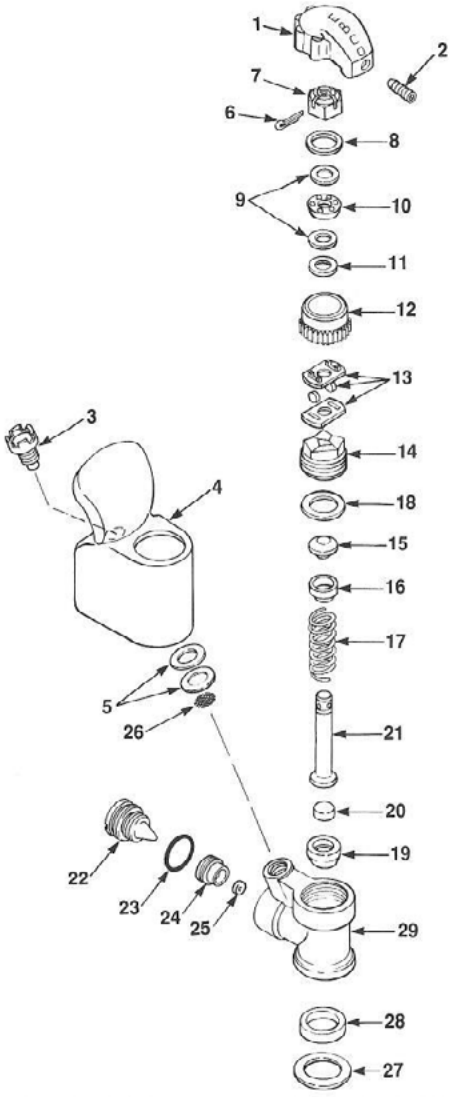


FIG. NO.	DESCRIPTION	ORDER BY THIS PART NUMBER & DESCRIPTION: EBCO PART NO.	DESCRIPTION
1.	Handle	013429	Handle Ass'y, Valve (Fig. 1 and 2)
2.	Set Screw		
3.	Nozzle	030562-001	Nozzle & Straightener Ass'y
4.	Guard, Plastic Chrome	026316-001	Guard
5.	Washer	011633	Washer
6.	Cotter Pin	013059-001	Stem Ass'y (Fig. 6 through 21)
7.	Nut		
8.	Washer, Felt		
9.	Washer, Thrust		
10.	Bearing Ass'y		
11.	Washer, Felt		
12.	Bushing		
13.	Bearing Ass'y		
14.	Nut		
15.	Packing		
16.	Gland		
17.	Spring		
18.	Washer		
19.	Retainer		
20.	Valve Seat		
21.	Stem		
22.	Adjusting Needle	030505-001	Adjusting Needle
23.	O-Ring	030858-103	O-Ring
24.	Flow Washer Retainer	030504-002	Flow Washer Retainer
25.	Flow Washer	030028-002	Flow Washer
26.	Screen, Nozzle	030560-001	Screen, Nozzle
27.	Gasket	009281	Washer, Friction
28.	Gasket	008983	Gasket, Valve Body
29.	Valve, Body Ass'y	030772-001	Valve Body Ass'y (Fig. 6 through 25)

Instructions To Order:

1. Determine the part required to repair your valve–use the part number and the description following it when ordering. *Do not use the figure number.*
2. *Parts that are bracketed are sold as assemblies only.*
3. The parts listed are available from most Ebco distributors, approved service centers, or the factory.

Adjustment Instructions:

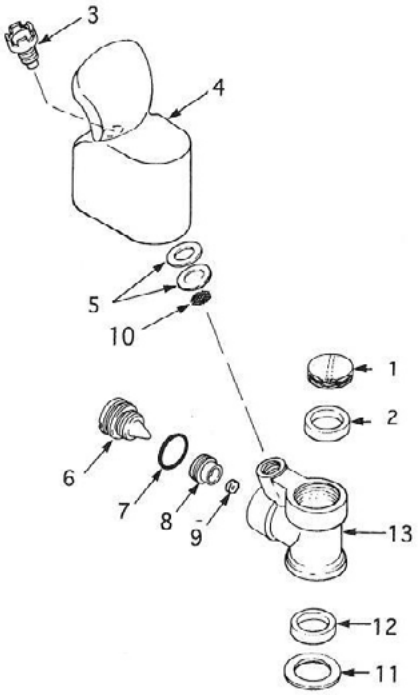
1. To remove bubbler guard (Fig. 4), loosen set screw in handle (Fig. 1, 2) and remove handle. Use screwdriver to remove nozzle assembly (Fig. 3). Lift off bubbler guard.
2. Stream regulation - stream height should be 5 1/2". To regulate, with the bubbler guard removed, replace the nozzle ass'y in the valve body (Fig. 29). Turn the adjusting needle (Fig. 22) clockwise to lower stream or counter-clockwise to raise stream.
3. After adjustment is completed, remove nozzle ass'y, place plastic washers (Fig. 5) on valve nozzle hole, replace bubbler guard, replace nozzle and install handle ass'y.
4. A clearance of 1/32" should be allowed between the handle and bubbler guard on the side nearest the nozzle. Tighten set screw only enough to prevent removal. Over-tightening may cause handle to crack.

Note:
If you should re-assemble Figures 22 thru 25 at any time, make sure you install flow washer (Fig. 25) with the letters or numbers on it visible after assembled in flow washer retainer (Fig. 24).

Form 4071

EBCO MODEL 12000 A VALVE

CONTINUOUS FLOW VERSION
030774-004



ORDER BY THIS PART NUMBER & DESCRIPTION

FIG. NO.	EBCO PART NO.	DESCRIPTION
1.	011822	Plug
2.	028706-017	Washer
3.	030562-001	Nozzle & Straightener Assy
4.	026316-002	Guard, Plastic Chrome
5.	028706-012	Washer
6.	030505-001	Adjusting Needle
7.	030858-103	O-ring
8.	030504-002	Flow Washer Retainer
9.	030028-002	Flow Washer
10.	030560-001	Screen
11.	028706-013	Friction Washer
12.	028706-006	Gasket
13.	030773-001	Valve Body Assy (includes 6 to 9, & 13)

Instructions To Order:

1. Determine the part required to repair your valve-use the part number and the description when ordering .

   Do not use the figure number!

2. The parts listed are available from most Ebco distributors, approved service centers, or the factory.

Adjustment Instructions:

1. To remove the bubbler guard (Fig. 4), use a screwdriver to remove nozzle (Fig. 3). Lift off bubbler guard.
2. Stream regulation - stream height should be 5 1/2". To regulate, with bubbler guard removed, replace the nozzle assembly in the valve body (Fig. 13). Turn the adjusting needle (Fig. 6) clockwise to lower stream or counter-clockwise to raise stream.
3. After adjustment is completed, remove nozzle ass'y, place plastic washers (Fig. 5) on valve nozzle hole, replace bubbler guard and nozzle.

Note:

If you should re-assemble Figures 6 through 9 at any time, make sure you install flow washer (Fig. 9) with the letters or numbers on it visible after assembled in flow washer retainer (Fig. 8).

SVC001

DRINKING FOUNTAIN/BUBBLER PARTS



802398
OASIS BUBBLER HEAD TWIST TYPE W/ALL BRASS BODY



802397
OASIS BUBBLER VALVE ASSEMBLY W/GUARD

802706
OASIS BUBBLER VALVE ASSEMBLY W/GUARD, FOR LOW WATER PRESSURE



802396
OASIS BUBBLER ASSY. ALL BRASS-CHROME PLATED

800008
OASIS COMPLETE BUBBLER HEAD UNIT W/ FLEX MOUTHGUARD



809090
OASIS SOLENOID VALVE 115V FOR LEFT-HAND BRACKET



800007
OASIS SOLENOID VALVE UNIT REAR BRACKET



000149
1/4" PUSH FIT PLASTIC ELBOW



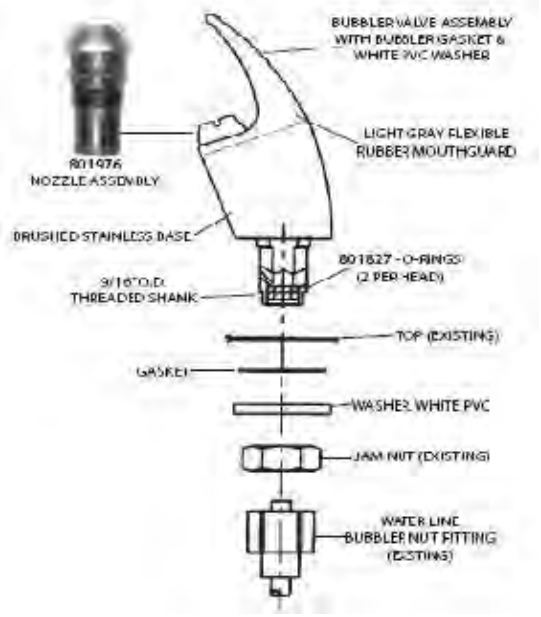
802208
ELKAY WATER FOUNTAIN IN-LINE STRAINER



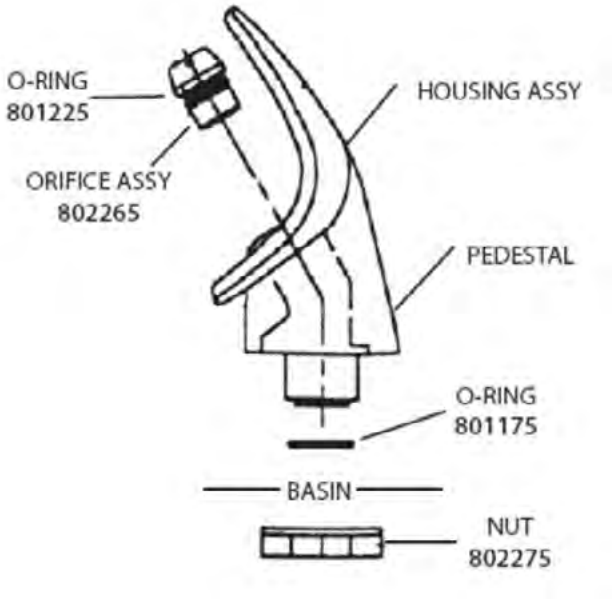
200023
FOUNTAIN BUSHING & VALVE WRENCH 2-IN-1 TOOL

807739
HAWS DRINKIING FOUNTAIN PISTON BUTTON

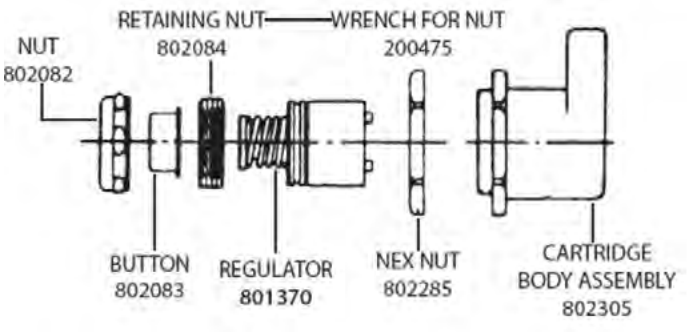
DRINKING FOUNTAIN/BUBBLER PARTS



807030
PVC STAINLESS STEEL COLORED HEAD WITH GRAY PLASTIC FLEXIBLE MOUTH GUARD



802280
COMPLETE ASSEMBLY WITH 5" COPPER CONNECTOR LINE



498536
PUSH BUTTON & REGULATOR ASSEMBLY

NOTES: _____

ELKAY EZ MODELS - DIAGRAMS

Uses HFC-134A refrigerant

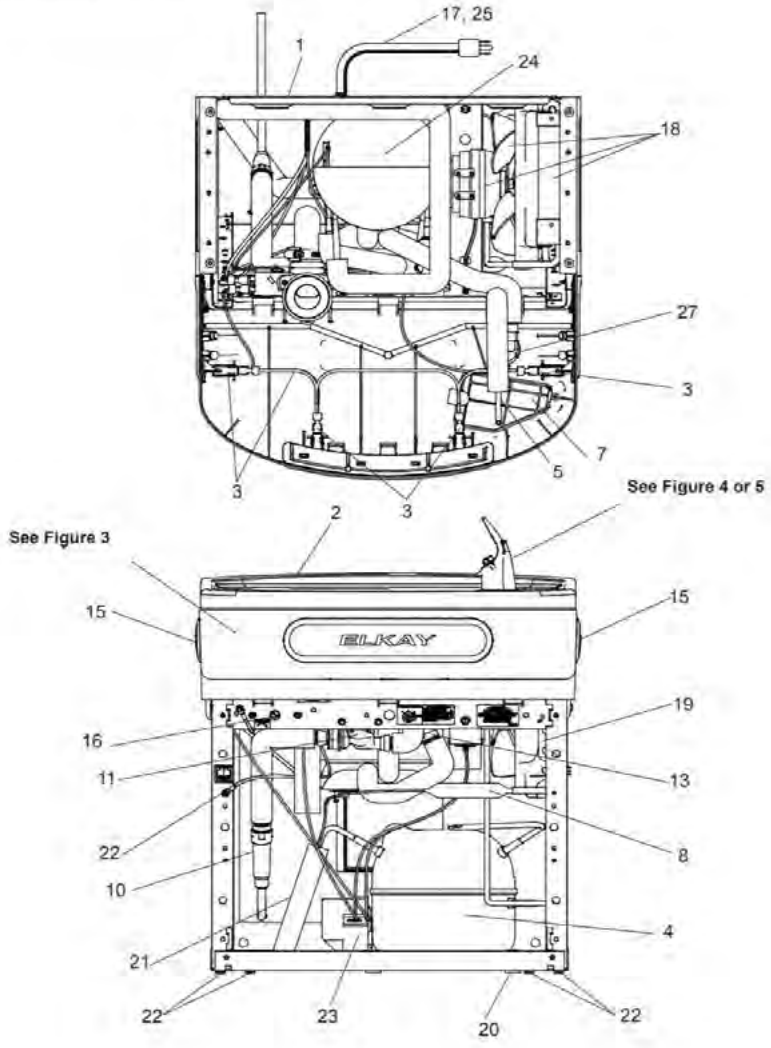


Fig. 1

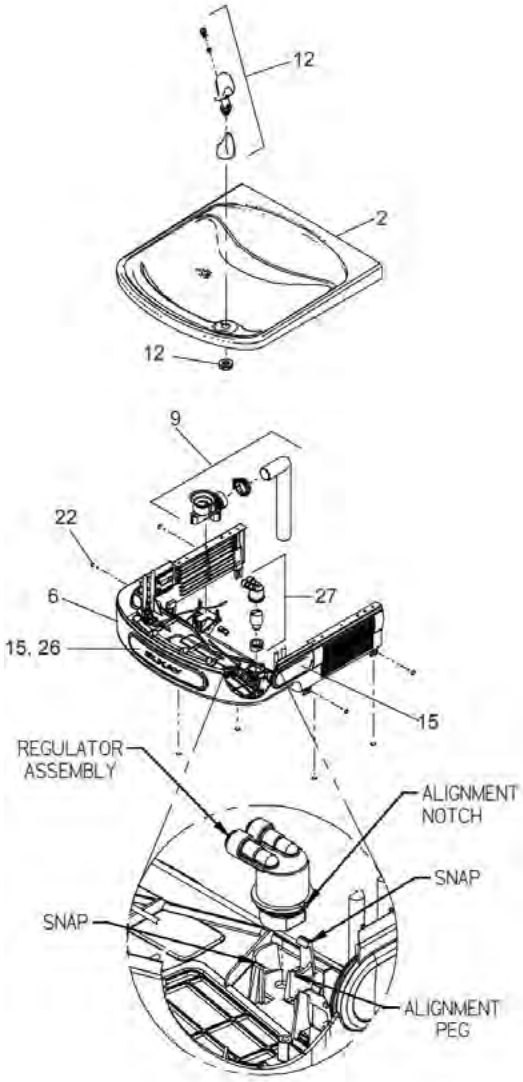


Fig. 3

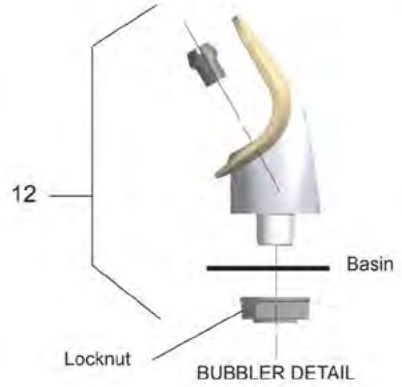


FIG. 4

NOTE:
When installing replacement bubbler and pedestal, tighten nut only to hold parts snug in position. Do Not Overtighten.

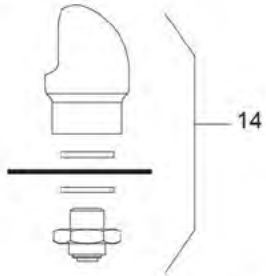


Fig. 5

**All correspondence pertaining to any of the above water coolers or orders for repair parts MUST include Model No. and Serial No. of cooler, name and part number of replacement part.*

ELKAY EZ MODELS - PARTS LIST

ITEM NO.	PART NUMBER	DESCRIPTION
1	28401C	Hanger Bracket
2	55001109	Basin - Stainless Steel
3	36216C	Wiring Harness (Front/Side Push)
4	36322C	Compr - Service Pak
5	56092C	Tubing - Poly (Cut To Length)
6	56229C	Assy - Shroud Upper (Front Side Push)
7	56213C	Access Panel
8	66703C	Drier
9	97970C	Kit - Drain Replacement (EZ)(Brkt/Tube/Ftg/Clamp
10	55996C	In-Line Strainer
11	1000004572	Kit - Solenoid Valve/Regulator Assy
12	56073C	Kit - Bubbler Assy
13	1000001602	Kit - 75583C Elbow 5/16” x 1/4” (3 Pack)
14	97446C	Kit - Vandal Resistant Bubbler (VR)
15	98734C	Kit - Pushbar (Front/Side)
16	98773C	Kit - Cold Control/Screws
17	98774C	Kit - Internal Wiring/Pwr Cord/Black
		and White Jumper Wires
18	98775C	Kit - Fan Motor Assy/Blade/Mtr/ Shroud/Screws/Nut
19	98776C	Kit - Condenser/Drier
20	98777C	Kit- Compr Mtg Hdwe/Grommets/Clips/Studs
21	98778C	Kit - Heatx/Drier
22	98898C	Kit - Hardware (EZ)
23	0000000238	Kit - Elect/Overload/Relay/Cvr
24	98724C	Kit - Evaporator Assembly
25	36287C	Power Cord
26	1000001600	Kit - Front Pushbars (2 Pack)
27	1000004564	Kit - Regulator w/Holder & Nut
NS	27413C	Wrapper - Light Grey
	27416C	Wrapper - Stainless Steel
-	See Filter Table	Water Filter Kit (When Provided)

ELKAY WATER COOLER REPAIR



005252
FOUNTAIN REGULATOR STANDARD

801049
FOUNTAIN REGULATOR, ALL BRASS



008022
REGULATOR WITH GREEN SPRING



802305
REGULATOR BODY W/COPPER LINES



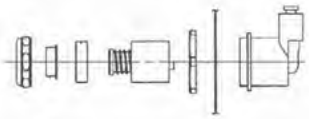
804205
CONTROL FOR WATER COOLER



804450
PRESSURE BALANCING CARTRIDGE



802265
ORIFICE/NOZZLE ASSEMBLY



498536
PUSH BUTTON & REGULATOR ASSEMBLY



498733
CARTRIDGE REGULATOR KIT

NOTES:

HALSEY TAYLOR WATER COOLER REPAIR



008284
REGULATOR ASSEMBLY, RIGHT HAND

008396
REGULATOR ASSEMBLY, LEFT HAND



804861
PVC FOUNTAIN REGULATOR RIGHT HAND



804860
PVC FOUNTAIN REGULATOR LEFT HAND



804174
PUSH BUTTON ASSEMBLY



805045
VALVE STEM ASSEMBLY FOR BUBBLER REGULATOR



804011
PUSH BUTTON ASSEMBLY - BRIGHT



804531
BRASS BUBBLER HEAD

802066
CHROME PLATED PVC BUBBLER HEAD



808007
PUSH BUTTON ASSEMBLY

810207
HALSEY TAYLOR UNIVERSAL GLASS FILLER KIT

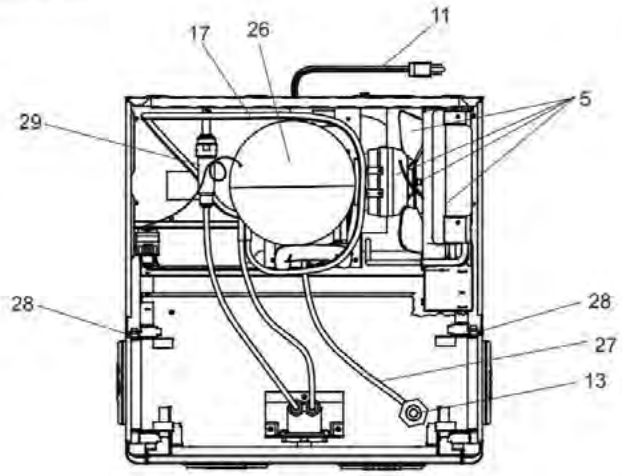
*BRIGHT POLISHED STAINLESS STEEL CONSTRUCTION
*GLASS FILLER WITH PUSH DOWN LEVER HANDLE
*3/8" NPS SUPPLY
*100% LEAD FREE
*8-1/8" HEIGHT, 3-1/8" OVERALL WIDTH

KIT CONTAINS:
*GOOSENECK GLASS FILLER AND LEVER
*1/4 INCH POLYTUBE
*1/4 INCH TUBE CONNECTOR
*1/4 INCH TEE TUBE CONNECTOR
*BUBBLER NIPPLE
*GASKET



HALSEY TAYLOR HAC SERIES - DIAGRAMS

Uses HFC-134A refrigerant



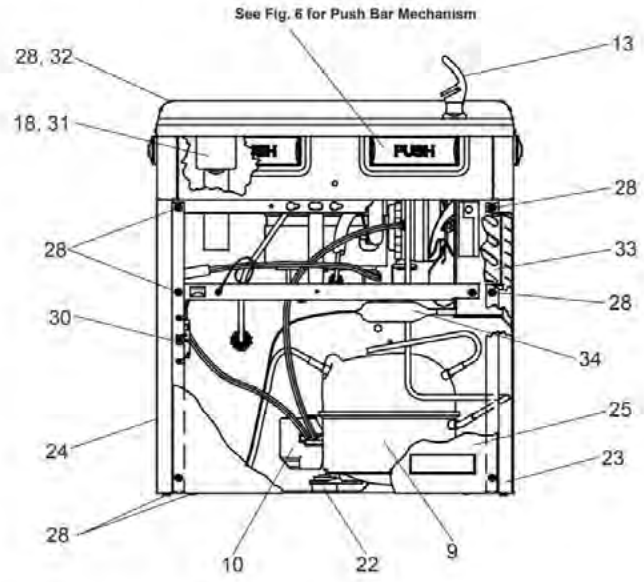


FIG. 1

PUSH BAR MECHANISM

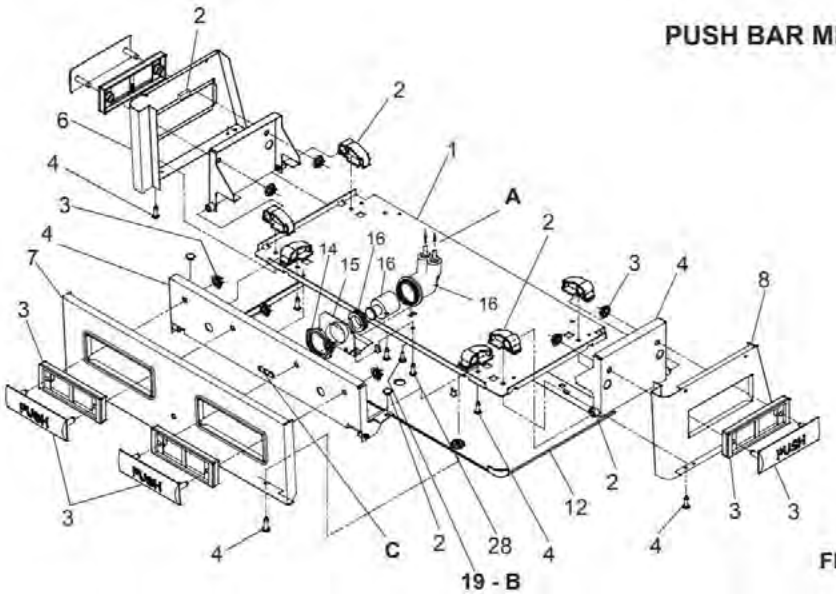
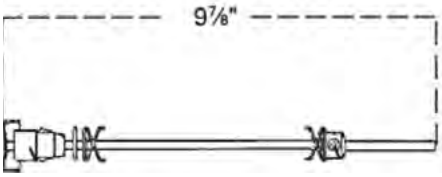


FIG. 6

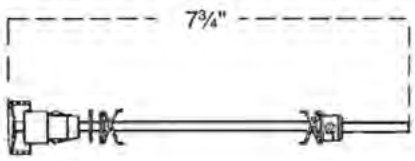
HALSEY TAYLOR HAC SERIES - PARTS LIST

ITEM NO.	PART NUMBER	DESCRIPTION
1	22897C	Panel - Bottom Dispenser
2	98537C	Kit - Blocks/Bumpers/Rivets
3	98895C	Kit - Push Bars/Inserts/Nuts
4	98789C	Kit - Front/Side Pushbars/Screws
5	98775C	Kit - Fan Motor/Blade/Nut/Screws
6	See Color Tbl	Panel - Left Side
7	See Color Tbl	Panel - Front Push
8	See Color Tbl	Panel - Right Side
9	36322C	Compressor Serv. Pak
10	0000000238	Kit - Elect/Relay/Overload/Cover
11	36208C	Power Cord
12	55931C	Cover-Dispenser Bottom
13	98533C	Bubbler Assy
14	1000001926	Kit - Regulator Hex Nut (4 Pack)
15	23003C	Bracket - Regulator Mounting
16	98531C	Kit - Regulator/Holder/Nut
17	98778C	Kit - Heat Exchanger/Drier
18	45930C	Waste Line
19	70935C	Screw - Shoulder x 1/2" Lg.
20	100322740560	Gasket - GF (upper and lower)
21	15009C	Nipple - Bubbler (GF)
22	98777C	Kit - Compr Mtg/Studs/Clips/Grommets
23	See Color Tbl	Panel - Right Rear
24	See Color Tbl	Panel - Left Rear
25	See Color Tbl	Panel - Front Lower
26	98724C	Evaporator Assembly
27	56092C	Tubing - Poly (Cut To Length)
28	98899C	Kit - Panel Mtg & Basin Mtg Screws
29	55996C	Strainer (See "General Instructions")
30	98773C	Kit - Cold Control/Screws
31	98856C	Kit - Drain/Plug/Strainer/Gasket/Elbow/Nut
32	28960C	Basin - Stainless Steel
33	98776C	Kit - Condenser/Drier
34	66703C	Drier
NS	28551C	Hanger Bracket (Not Shown)

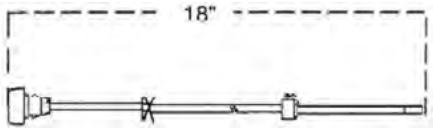
HALSEY TAYLOR REPAIR PARTS



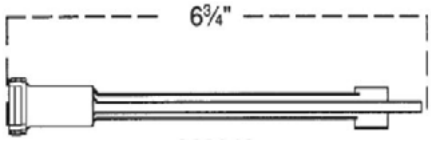
808007
PUSH BUTTON ASSEMBLY - 9 7/8"



940001
PUSH BUTTON ASSEMBLY - 7 3/4"



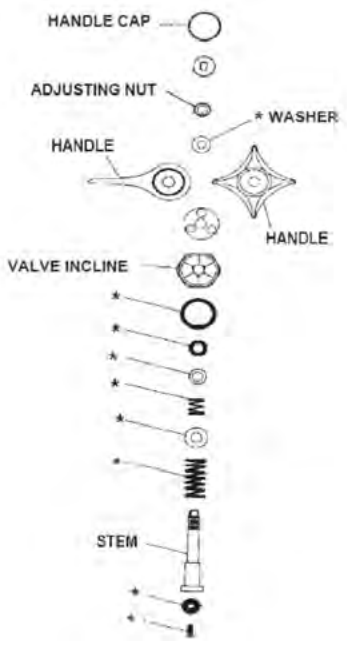
804174
PUSH BUTTON ASSEMBLY - 18"



808048
PUSH BUTTON ASSEMBLY - 6 3/4"



804012
CHROME PLATED BRASS STRAINER FOR DRINKING FOUNTAIN





808106
STEM ASSEMBLY REPAIR KIT FOR SELF CLOSING & LEVER ACTUATED VALVES

NOTE: KIT WILL REPAIR EITHER VALVE SHOWN

OASIS WATER COOLER REPAIR



804519
WASTE ASSEMBLY



804518
BEVELED WASTE GASKET FOR WATER COOLER



804678
WATER CONTROL ASSEMBLY



003569
Y-STRAINER FOR WATER FOUNTAIN



808812
FLOW CONTROL UNIT



807668
PUSH ROD REPAIR KIT



806978
PUSH RIVET BODY



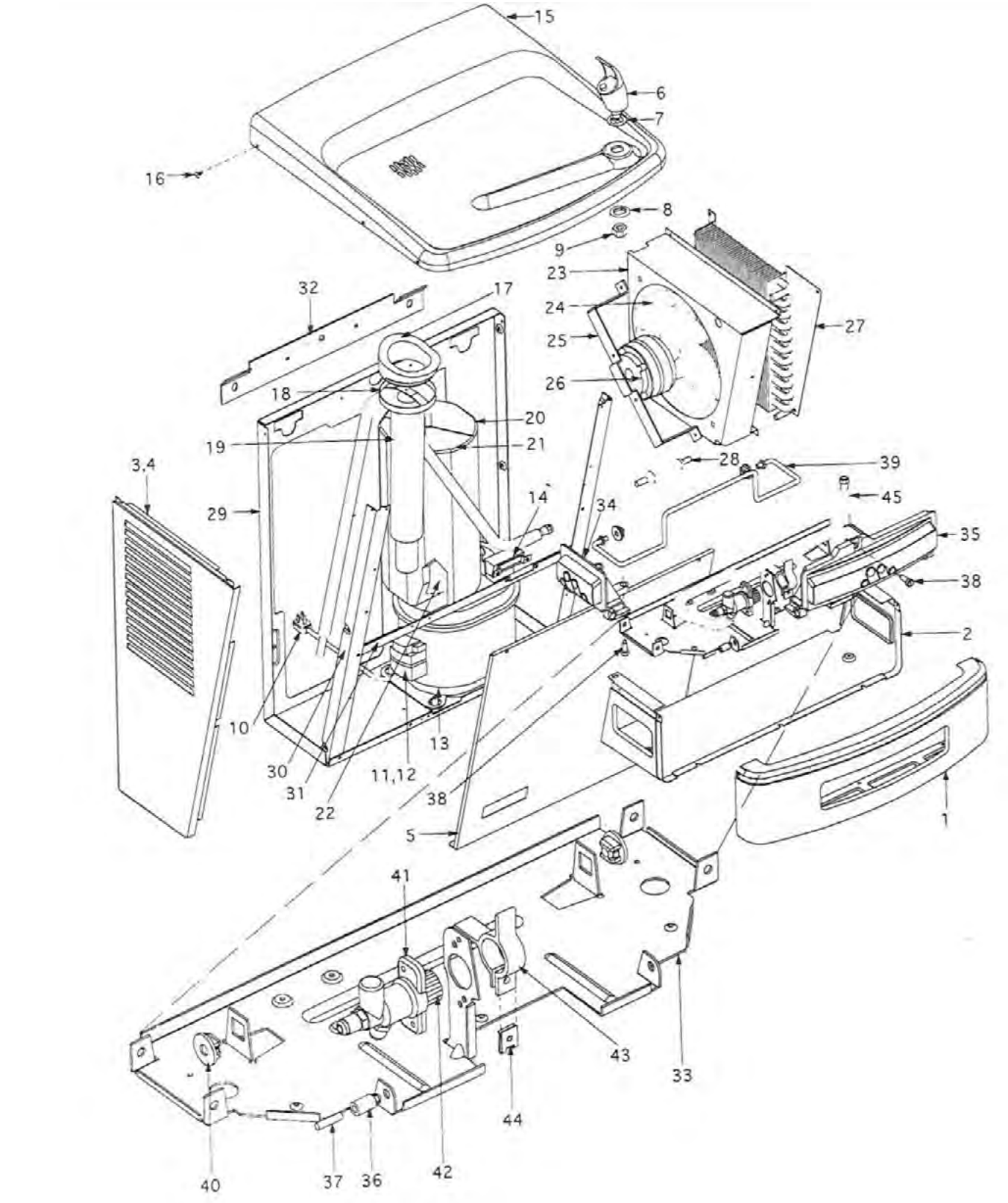
801082
HOT HANDLE FOR DISPENSER



806757
BUBBLER HEAD WITH SOFT MOUTHGUARD (HARDWARE INCLUDED)

ATLANTIC COASTAL SUPPLY INC.
ACSPARTS.NET (800) 520 - 0556

OASIS P8AM, PAM - DIAGRAM

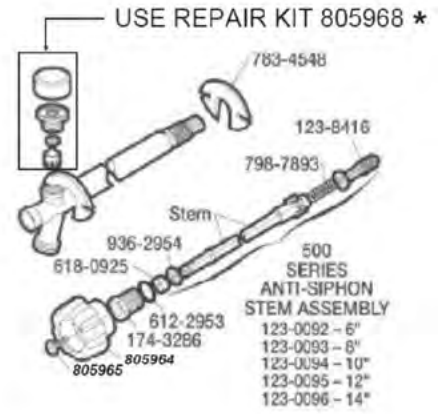


ITEMS NOT SHOWN:
Heat Exchanger Assy, 031869-001 - P8AM
Brace Panel, 032102-001 - PAM
Tube Assy, Water Supply, 032041-001 - PAM

OASIS P8AM, PAM - PARTS LIST

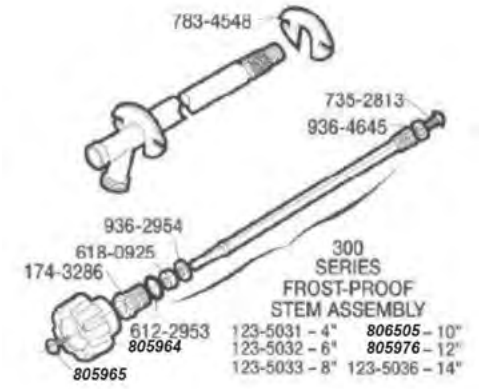
ITEM NO.	DESCRIPTION	P8AM/PAM
1	Front Nose, Sandstone	NLA
	Front Nose, Greystone	031754-005
	Front Nose, Stainless	031754-007
	Front Nose, Painted (Tan)	807330
2	Housing, Middle Sandstone	031753-002
	Housing, Middle Greystone	031753-001
	Housing, Middle Stainless	031753-003
	Housing, Middle Painted (Tan)	031753-005
3	Panel, Side Left Sandsone	031751-002
	Panel, Side Left Greystone	806631
	Panel, Side Left Stainless	031751-003
	Panel, Side Left Painted (Tan)	031751-005
4	Panel, Side Right Sandsone	031750-002
	Panel, Side Right Greystone	031750-001
	Panel, Side Right Stainless	031750-003
	Panel, Side Right Painted (Tan)	031750-005
5	Panel, Front Sandstone	031752-002
	Panel, Front Greystone	031752-001
	Panel, Front Stainless	031752-003
	Panel, Front Painted (Tan)	031752-005
6	Bubbler Valve Nozzle Assem.	806757
7	Gasket	801980
8	Washer, Undertop	801981
9	Nut	802078
10	Cord Assy, Power Supply	025540-040
11	Overload, MAP26ALL-60	031697-001
12	Relay, 9660-043-166	031698-001
13	Compressor Assembly	032124-001
14	Control, Cold	803529
15	Top	027040-007
16	Screw, Torx HD	808967
17	Gasket, Waste	002154
18	Waste Assy., Insulated	032126-001
19	Insulation, Waste Assy.	031497-006
20	Insulation, Cooling Tank R/H	031898-001/N/A for PAM
21	Insulation, Cooling Tank L/H	031899-001/N/A for PAM
22	Cooling Tank Assy., Insulated	031775-002/N/A for PAM
23	Shroud Fan	031767-001/N/A for PAM
24	Blade, Fan	024033/N/A for PAM
25	Bracket, Fan Motor	026989/N/A for PAM
26	Motor, Fan	803317/N/A for PAM
27	Condenser	031766-001/N/A for PAM
28	Drier, Refrigerant	031593-003/N/A for PAM
29	Frame, Back/Bottom	031747-001
30	Strut Support	031748-001
31	Angle, Cross Brace	031772-001
32	Hanger Bracket	031363-002
33	Shelf, Activation	031853-001
34	Push Button Assy., R/H	808965
	Push Button Assy., L/H	808997
35	Push Button, Front	080962
36	Body, Push Rivet	808966
37	Rivet, Push	808998
38	Screw Adjust	808966
39	Rod, Activation	031845-002
40	Bushing, Rod	808964
41	Valve Body	808290
42	Stem Assy.	031758-001
43	Wheel Arm, Valve	031765-001
44	Clip, U Type	808963
45	Tube Assy., Vavle to Bubbler	031739-002

MANSFIELD/PRIER HYDRANT PARTS



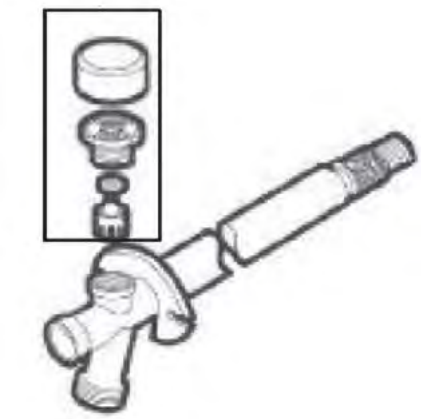


805966
MANSFIELD 500 REPAIR KIT & SERVICE PARTS KIT (ANTI-SIPHON)
SERVICE PAK: INCLUDES BONNET, BONNET O-RING, STEM PACKING, BRASS PACKING WASHER, O-RING, BACK FLOW WASHER, BIBB RETAINER, SEAT WASHER & SCREW





805967
MANSFIELD 300 REPAIR KIT AND SERVICE PARTS KIT (FROST PROOF)
SERVICE PAK: INCLUDES BONNET, BONNET O-RING, STEM PACKING, BRASS PACKING WASHER, SEAT WASHER & SCREW





805968
SERVICE PAK FOR VACUUM BREAKER

SMITH QUARTERHORSE HYDRANT PARTS



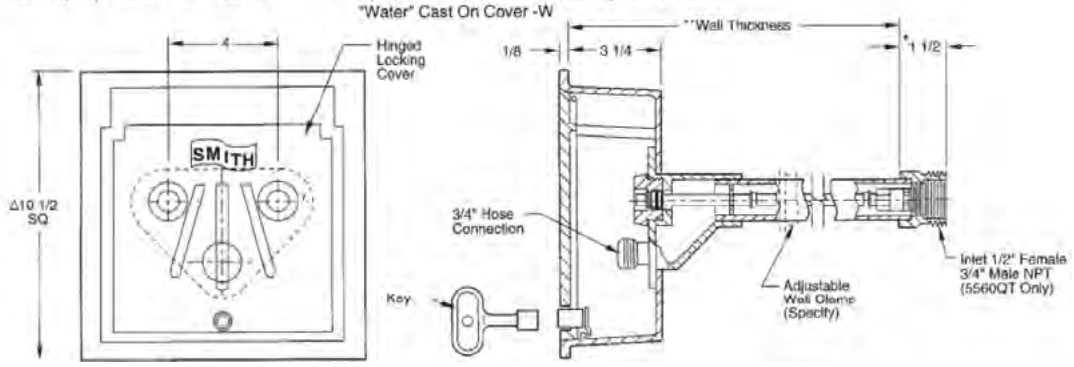
BRONZE BOX TYPE "TWIN-TEMP" FOR HOT AND COLD WATER

FUNCTION: Provides positive non-freeze protection where water is required at the outside of the building. Ideal for use in food handling areas, dairies and other places where both hot and cold water are desired. The recessed box conceals the hose connection and operating mechanisms. 1/4 turn of the key allows full flow to be obtained. The locking cover prevents unauthorized use.

REGULARLY FURNISHED:
Bronze Quarter Turn Non-Freeze "Twin-Temp" Hydrant with Hose Connections, "T" Handle Key, and Bronze Box with Chrome Plated Face, and Inlet Size Furnished as Indicated by Figure Number Selected.

VARIATIONS:
Adjustable Wall Clamp -WC
Cylinder Lock -CL
1" Hose Connection -HC1
3/4" Vacuum Breaker -H
Mild Climate -SAP
Optional Inlet Connections (See Pg. 5-06)
"Water" Cast On Cover -W

OPTIONAL MATERIALS:
Nickel Bronze Box -NB
Polished Bronze Hydrant -PB
Rough Bronze Box -RB



5560QT
1/4 TURN NON FREEZE WALL HYDRANT - BRONZE BOX TYPE "TWIN TEMP" FOR HOT & COLD WATER (2 REPAIR KITS REQUIRED PER UNIT)

900042
REPAIR KIT - JAN 1979 & BEFORE

900040
REPAIR KIT - FEB '1979 THROUGH 1995

000683
REPAIR KIT - 1996 & AFTER



INTEGRAL VACUUM BREAKER AND EXPOSED HOSE CONNECTION

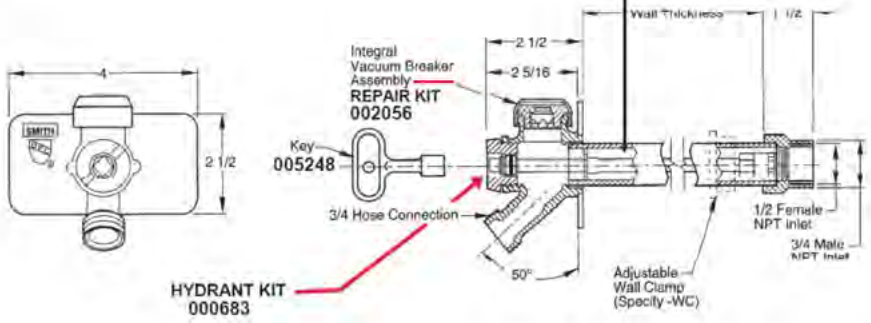
FUNCTION: For installation in interior or exterior building walls where an exposed hose connection is acceptable. Provides positive non-freeze protection and features an integral vacuum breaker. Adaptable to all types of wall construction. 1/4 turn of the key allows full flow to be obtained.

REGULARLY FURNISHED:
Bronze Nickel Plated Quarter Turn Non-Freeze Hydrant with 3/4" Hose Connection, Integral Vacuum Breaker with Vandal Resistant Cap and "T" Handle Key. This Hydrant meets ANSI A112.21.3 Specifications.

VARIATIONS:
Adjustable Wall Clamp - WC
1" Hose Connection -HC1
**1" Male NPT Inlet Connection -IC1
Mild Climate -SAP
Optional Inlet Connections (See Pg. 5-06)
Wheel Handle -WH

OPTIONAL MATERIALS:
Polished Bronze -PB

OPERATING RODS ARE:
941155 - 6" ROD
941156 - 8" ROD
941157 - 12" ROD



5609QT
1/4 TURN NON FREEZE WALL HYDRANT - INTEGRAL VACUUM BREAKER & EXPOSED HOSE CONNECTION

J.R. SMITH HYDRANT KITS



900043
REPAIR KIT FOR OLD STYLE 5509 SERIES AFTER AUG 1984



000683
REPAIR KIT FOR 1/4 TURN VALVES (5509QT)
NOTE: ALSO USED ON 5560QT & 5609QT



901453
REPAIR KIT FOR VALVES 5810F & 5811F
NOTE: ALSO USED ON 5910, 5950, 5810 & 5811



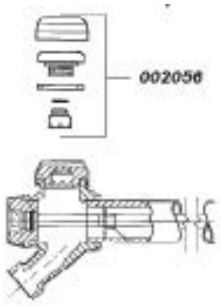
900040
REPAIR KIT FOR MODELS 5510, 5511, 5560 & 5611 - AFTER JAN 1979



900042
REPAIR KIT FOR MODELS 5510, 5511, 5560, 5610 & 5611 - BEFORE JAN 1979



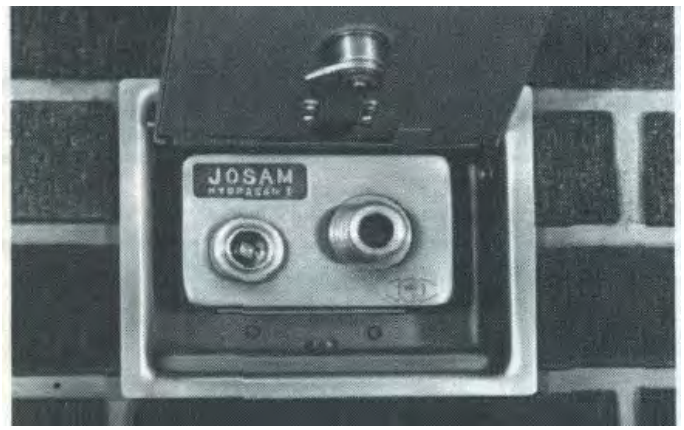
900044
REPAIR KIT FOR MODEL 5609 - BEFORE JAN 1979



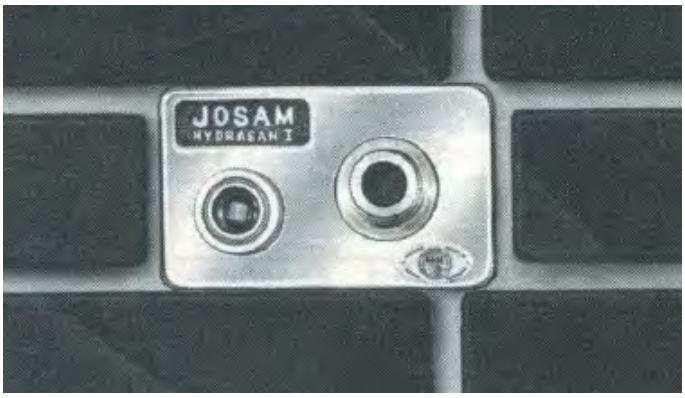
002056
VACUUM BREAKER REPAIR KIT

NOTES: _____

JOSAM HYDRANT KITS



HYDRASAN I - CONCEALED TYPE
71000 SERIES NON FREEZE
71020 SERIES MILD CLIMATE



HYDRASAN I - EXPOSED TYPE
71050 SERIES NON FREEZE
71070 SERIES MILD CLIMATE



804367
VACUUM BREAKER REPAIR KIT FOR HYDRASAN I OR II



804376
REPAIR KIT FOR NON FREEZE HYDRASAN I OR II

801284
O RING ONLY



804378
REPAIR KIT FOR MILD CLIMATE HYDRASAN I OR II

801284
O RING ONLY



804377
HYDRANT REPAIR KIT USED ON MODELS 1500 & 71550



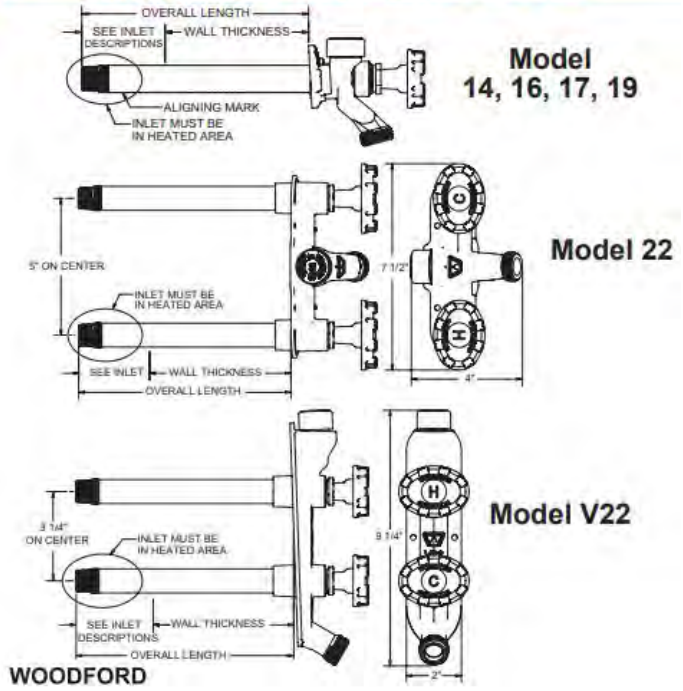
804375
HYDRANT REPAIR KIT USED ON MODELS 1420N & 71950



804370
HYDRANT REPAIR KIT USED ON MODELS 1400N, 71550 & 71650 OLD STYLE

WOODFORD PRODUCTS

Rough-In Dimensions / O.A.L.



Model 22 & V22 Inlets

Dia. X Min. Length Req'd. In Heated Area

C	7/8" Dia X 1 5/8"	COMBINATION Copper Sweat Fitting 1/2" K, L or M Inside 3/4" M Only Outside
CP	15/16" Dia X 1 3/4"	COMBINATION 1/2" Male Pipe Thread 1/2" Female Sweat
C3	1 1/16" Dia X 1 7/8"	3/4" Female Sweat Fitting
P	1 1/16" Dia X 1 7/8"	COMBINATION 1/2" Female Pipe Thread 3/4" Male Pipe Thread
PX	7/8" Dia X 1 3/4"	1/2" PEX Tube Fitting
PX3	7/8" Dia X 1 3/4"	3/4" PEX Tube Fitting
W	7/8" Dia X 1 1/2"	1/2" Wirsbo®/Uponor Tube Fitting
W3	1 ⅛" Dia X 1 3/4"	3/4" Wirsbo®/Uponor Tube Fitting

Model 14, 16, 17, 19 Inlets

Dia. X Min. Length Req'd. In Heated Area

C	7/8" Dia X 15/16"	COMBINATION Copper Sweat Fitting 1/2" K, L or M Inside 3/4" M Only Outside
C1	7/8" Dia X 1/2"	1/2" Copper Sweat Fitting ***Model 14 ONLY***
CP	15/16" Dia X 1 1/4"	COMBINATION 1/2" Male Pipe Thread 1/2" Female Sweat
C3	1 1/16" Dia X 1 3/8"	3/4" Female Sweat Fitting
P	1 1/16" Dia X 1 3/8"	COMBINATION 1/2" Female Pipe Thread 3/4" Male Pipe Thread
PX	7/8" Dia X 1 1/8"	1/2" PEX Tube Fitting
PX3	7/8" Dia X 1 1/8"	3/4" PEX Tube Fitting
W	7/8" Dia X 1 1/2"	1/2" Wirsbo®/Uponor Tube Fitting
W3	1 ⅛" Dia X 1 3/4"	3/4" Wirsbo®/Uponor Tube Fitting
CM	15/16" Dia X 1 1/4"	COMBINATION 1/2" Compression Fitting 1/2" Copper Sweat Fitting

NOTES: _____

WOODFORD RESIDENTIAL WALL FAUCETS

FREEZELESS: *(Tube won't freeze when hose is detached)*

Best Selling Residental Wall Faucet

MODEL 14

- *No Anti-Siphon Protection*
- Round, powder coated, die-cast aluminum handle

Packed 10 Per Master Carton





MODEL 17

- *Anti-Siphon Protected*
- *ASSE-1019-C Listed*
- Round, powder coated, die cast aluminum handle

MODELS: 14C, 14CP, 14C1, 14PX, 14W 14P, 14C3, 14PX3
14R
14CM, 14W3
17C, 17CP, 17PX, 17W 17P, 17C3, 17PX3
17R
17CM, 17W3

FOR WALL THICKNESSES - 4", 6", 8", 10", 12", 14", 16", 18", 20", 22" & 24"

MODEL 14 SILLCOCK

900015 - 4" WALL THICKNESS
900005 - 6" WALL THICKNESS
900010 - 8" WALL THICKNESS
900014 - 12" WALL THICKNESS
900007 - 14" WALL THICKNESS

MODEL 17 SILLCOCK

900200 - 4" WALL THICKNESS
900201 - 6" WALL THICKNESS
900202 - 8" WALL THICKNESS
900203 - 10" WALL THICKNESS
900204 - 14" WALL THICKNESS

NOTES:

WOODFORD RESIDENTIAL WALL FAUCETS

ANTI-BURST: *(Tube won't rupture even if hose is attached)*

Patented - PRV Pressure Relief Valve - Standard on models 16, 19, 22, V22 & C22

The patented, resetting PRV prevents the faucet tube from bursting in freezing conditions even if a hose is unintentionally left on.

The PRV protects up to 125 psi of backpressure and therefore does not require an add-on vacuum breaker.

Upgrade the Model 14 & 17 with RK-PRV Rod Assembly



PATENTED ANTI-BURST PRV

- *See details above.*
- *ASSE-1019-C Listed (Model 19)*
- *Oval, powder coated, die cast aluminum handle*

5 YEAR LIMITED Warranty



MODEL 16



MODEL 19
With Anti-Siphon Protection

Packed 10 Per Master Carton

MODELS:	FOR WALL THICKNESSES - 4", 6", 8", 10", 12", 14", 16", 18", 20", 22" & 24"
16C, 16CP, 16PX, 16W 16P, 16C3, 16PX3 16R 16CM, 16W3 19C, 19CP, 19PX,19W 19P, 19C3, 19PX3 19R 19CM, 19W3	

- *Hot and Cold connections*
- *Patented anti-burst PRV Pressure Relief Valve See details above.*
- *ASSE-1019-C Listed*
- *IAPMO/UPC® Listed*
- *Built-in anti siphon vacuum breaker*
- *One-piece head casting with integral hose connection*
- *Oval, powder coated, die cast aluminum handles*



MODEL 22



MODEL V22

Optional DMP Drywall Mounting Plate.

Packed 4 Per Master Carton

MODEL 22 or V22	FOR WALL THICKNESSES - 4", 6", 8", 10", 12", 14", 16", 18", 20", 22" & 24"
C, CP, PX, W	
P, C3, PX3	
W3	

Tee Key (Suffix TK)

NOTES: _____

WOODFORD RESIDENTIAL FAUCET ACCESSORIES

WF-MS *Wall Faucet Mounting Sleeve* ..... - Boxed 10 to a carton -

FOR USE WITH MODELS 14, 16, 17 & 19 ONLY

The WF-MS Wall Faucet Mounting Sleeve takes the guesswork out of how far to stub-out Woodford freezeless faucets through brick, stone or stucco veneers. Built-in anchors provides a secure installation for the faucet.

The 6" long Mounting Sleeve allows the plumber to determine a stub-in location and set an adjustable finish depth required by the brick or stone mason. A numbered scale, in 1/4" increments, is built into the top of the Mounting Sleeve.

The faucet installation is completed by mating the faucet wall flange to the front of the Mounting Sleeve and securing with two, furnished flange screws. The proper drain angle is automatically set by the rear Tube Rest.









SL-17 *Vandal Resistant Stem Lock*

FITS WOODFORD MODELS:14, 16, 17, 19, 22, V22 & 30

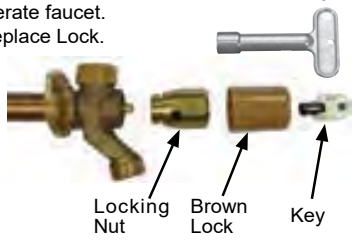
Easy to retrofit:

Replace the standard packing nut with furnished brass locking nut and snap on the Lock. 2 keys are included.

Easy access and operation:

1. Unlock and remove the Lock to reveal the faucet operating rod.
2. Use Tee Key to operate faucet.
3. Remove tee key, replace Lock.





RK-OSF - *Over Sized Flange*

FITS WOODFORD MODELS: 14, 16, 17, 19 & 101

- Fits behind an existing Woodford faucet flange to secure a loose fitting faucet or cover a larger opening in the wall.
- Requires 3/8" space behind original flange.





(4) Parts Including
Fasteners In Kit

DMP-*Drywall Mounting Plate*

USE WITH WOODFORD MODEL 22 OR V22 AND 122 OR V122 (MILD CLIMATE) MODELS.

The DMP provides

- a secure anchor for the faucet
- clean and precise drywall installation
- fire retardant plastic

The DMP Mounting Plate can be configured in a horizontal or vertical position ready for faucet installation and plumbing hook-up.

Made from strong PC/ABS, the 4" X 9¼" Mounting Plate is designed to space the faucet wall flange away from 5/8" drywall just enough for finishing off with two mating Cover Plates leaving a durable and protective installation.

See website for installation instructions.



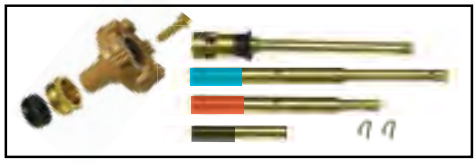


(3) Parts Plus
Fasteners In Kit

RK-ADJ-PRV
Adjustable Operating Rod
Converts Faucet To Anti-Burst

FOR USE WITH MODELS 14, 16, 17, 19, 22 & V22

- Adjustable Operating Rod assembles and adjusts for combinations of 4" to 14" model lengths in 2" increments.
- *Includes the patented, resetting Pressure Relief Valve (PRV) upgrade. The PRV is designed to prevent the copper tube from bursting in freezing conditions *even if a hose is unintentionally left on.*
- Includes (4) all brass stems and (2) stainless steel clips plus (1) each replacement parts EPDM Packing, Packing Nut, Round Metal Handle and Handle Screw.
- *Complete instructions are provided with each RK-ADJ-PRV.*



Piston activates at approx. 350 psi





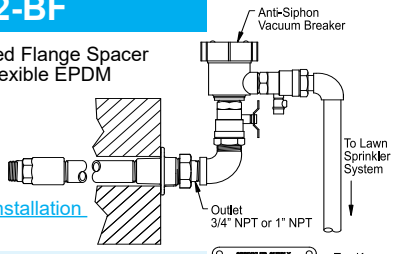
WOODFORD RESIDENTIAL CONT.

LAWN SPRINKLER SUPPLY

- Provides outside access to water supply for easy start-up, winterizing and service
- Controls water service from the building exterior
- High flow rate and low pressure loss
- Head casting fits flush against an existing wall
- Pipe casing will pass through a 1-7/8" hole
- Two outlet fittings are included: ¾" NPT & 1" NPT
- Brass finish only
- Galvanized pipe casing



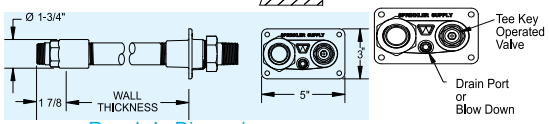
Optional 32-BF



Typical Installation

MODEL 32	WALL THICKNESS		
	4"-6"-8"	10"-12"-14"-16"	18"-20"-22"-24"
32C, 32P			

OPTIONAL - Brass Pipe Casing
Made To order - No Cancel No Return



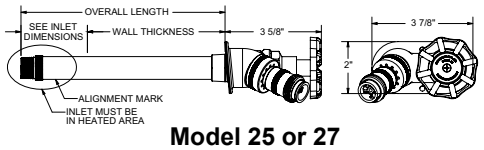
Rough-In Dimensions

Inlet descriptions

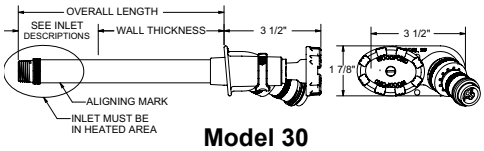
Model 25, 27, 30
Dia. X Min. Length Req'd. In Heated Area

C	 15/16" Dia X 1 5/8"	COMBINATION Copper Sweat Fitting 1/2" K, L or M Inside 3/4" M Only Outside
CP	 15/16" Dia X 1 3/4"	COMBINATION 1/2" Male Pipe Thread 1/2" Female Sweat
P	 1 1/16" Dia X 1 7/8"	COMBINATION 1/2" Female Pipe Thread 3/4" Male Pipe Thread
PX	 15/16" Dia X 1 5/8"	1/2" PEX Tube Fitting
PX3	 15/16" Dia X 1 5/8"	3/4" PEX Tube Fitting

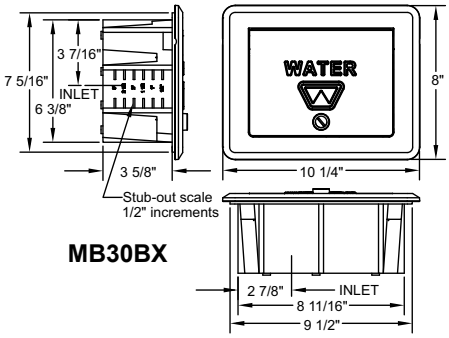
Rough-In Dimensions / O.A.L.



Model 25 or 27



Model 30



MB30BX

AUTOMATIC DRAINING • FREEZELESS • ANTI-BURST

Model 25 — Backflow Protected — Model 27

Model 34HA
Anti-Siphon
Vacuum Breaker
ASSE 1019-B





Vandal Resistant Wall Faucets
Order the Model 25 or 27 with removable Tee Key (Suffix TK).

With Patented High Flow
Double Check
50HA Backflow Preventer
Field Testable
ASSE 1052 Device
No Sprayback



FREEZELESS WALL FAUCETS** - AUTOMATIC DRAINING **- Packed 10 Per Master Carton

MODEL 25 or 27	WALL THICKNESS										
	4"	6"	8"	10"	12"	14"	16"	18"	20"	22"	24"
C, CP, PX											
P, CP3, PX3											

Please specify Model, Inlet and Wall Thickness. Tee Key (Suffix TK)

WOODFORD RESIDENTIAL CONT.

AUTOMATIC DRAINING • FREEZELESS • ANTI-BURST

Model 30 *Backflow Protected*

Inlet and Rough-In Dimensions shown on page 6

The Woodford Model 30 faucet automatically drains with or without a hose attached. The faucet is designed for residential and light commercial outside water service applications.



- Model 30 wall faucet is ASSE 1053 Approved.
- Attached 50HA Backflow Preventer features:
  - U.S. Patent No's. 8,042,565 & 8,272,394
  - ASSE 1052 & UPC Listed
  - High Flow Double Check
  - Field Testable
  - Brass Stem
  - Holds against 125 p.s.i. backpressure
- No sprayback when faucet is shut off
- All structural components made of brass
- No lead solder
- *Oval, powder coated, die-cast aluminum handle* (Tee Key available)
- Max pressure: 125 p.s.i.
- Max Temperature: 120° F

Model 30 ONLY - Individual Carton Prices - *Must specify Model, Inlet and Wall Thickness - Example: 30CP-6*

MODEL	WALL THICKNESS										
	4"	6"	8"	10"	12"	14"	16"	18"	20"	22"	24"
C, CP, PX											
P, CP3, PX3											

Tee Key (Suffix TK)

Model 30 with -MS Mounting Sleeve - Individual Carton Prices

Must specify Model, Inlet, Wall Thickness and MS - Example: 30CP-6-MS

MODEL	WALL THICKNESS										
	4"	6"	8"	10"	12"	14"	16"	18"	20"	22"	24"
C, CP, PX	N/A										
P, CP3, PX3	N/A										

Tee Key (Suffix TK)

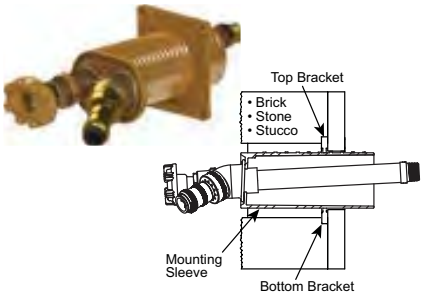
WF-30MS Mounting Sleeve ONLY



The Woodford Model 30 Wall Faucet Mounting Sleeve (WF-30MS) takes the guesswork out of how far to stub-out Woodford Model 30 freezeless faucets through brick, stone or stucco veneers. It also provides a secure anchor for the faucet.

The 6" long Model 30 Mounting Sleeve allows the plumber to determine a stub-in location and set an adjustable finish depth required by the brick or stone mason. A numbered scale in 1/2" increments, is built into the top of the Mounting Sleeve.

The faucet installation is completed by mating the faucet wall flange to the front of the Mounting Sleeve and securing with two, furnished flange screws. The proper drain angle is built-in to the faucet head casting.



MB30BX Modular Box System

Includes Composite Box, Door & Fascia - Use with the MODEL 30 - Not Included

The Woodford Modular Box System (MB30BX) is designed to securely house a Model 30 wall faucet on residential buildings. The MB30BX includes a high impact composite box that is stubbed out of a frame or masonry wall. After the wall is finished, a durable composite door and fascia assembly is simply screwed into the box to create a secure access and an attractive front.
Standard: Thumb latch cylinder lock. **Optional:** Key (K) cylinder lock.





RK-30MBDR



Replaceable Composite Door & Fascia Repair Kits
- Shipped in individual carton
- Fits the MB30BX Modular Box
- Tan color
- (2) Lock options



RK-30MBDR
Standard: Thumb Latch Cylinder Lock

RK-30MBDR-K
Optional: Key (K) Cylinder Lock

RK-Bracket

RK-Bracket can be used to mount or support the box in a stud wall. Hole centers are provided on back of box for drilling (2) 9/32" holes. Bracket extends from 10" to 19".



WOODFORD COMMERCIAL WALL HYDRANTS

Model 65

ASSE 1019-B Listed
With ASSE 1011
Anti-Siphon
34HA Vacuum Breaker
Standard on B65 & RB65



Model 67

With Patented High Flow
Double Check
50HA Backflow Preventer
Field Testable; ASSE 1052 Device
No Sprayback
Standard on B67 & RB67



WALL HYDRANTS & FACTORY ASSEMBLED - SQUARE (B) & ROUND (RB) BOX TYPE WALL HYDRANTS

*FREEZELESS / AUTOMATIC DRAINING / **CHROME FINISH STANDARD***

MODEL 65 or 67	WALL THICKNESS		
	CC-4"-6"-8"	10"-12"-14"-16"	18"-20"-22"-24"
C or P Inlet			
B65 or B67, C or P Inlet			
RB65 or RB67, C or P Inlet			

Must specify Model, Inlet and Wall Thickness

OPTIONAL FINISH Hydrants Only: Rough Brass (BR); Polished Brass (PB) N/A over 24" wall thickness. OPTIONAL FINISH Square Box Only: Rough Brass (BR); Polished Brass (PB)

Cylinder Lock Door: Specify Suffix (K) Available on Chrome Square Box Only;

Flat door available for B65 ONLY (Suffix F) - N/C - Example: B65C-10-F);

Round Box -Chrome Finish Only. Order RB67BX (Bubble door only); N/A over 24" wall thickness.

B65



RB65



Round Box models install through 6" diameter cored hole or 6" Sch. 40 PVC sleeve.

B67



RB67



NOTE: Chrome box assemblies are available to convert existing wall hydrant inventory to box type wall hydrants.
*When converting to box type hydrant, deduct 2" from hydrant.
• EXAMPLE: B65-10" requires Box + 8" Model 65 or 67.
*Order 65BXF to convert to lat door on square box type
*Order 67BX to convert to box type B65 or B67
*Order RB67BX to convert to round box type RB65 or RB67

OPTIONAL ANODIZED ALUMINUM (AL) Square Box & Bubble Door Only			
	CC-4"-6"-8"	10"-12"-14"-16"	18"-20"-22"-24"
B65 (AL) or B67 (AL), C or P Inlet			

MB65 or MB67



Modular Box Models

2.6 pound, high impact, composite box with a replaceable 14 ga. stainless steel door and fascia assembly.

- MB65 or MB67: Modular box and Hydrant Assembly
- MB65BX: Modular Box, SS Door & Fascia Assembly Only
- RK-65MBDR: Stainless Steel Door & Fascia Repair Kit Assemblies

MB65BX or MB65BX-K

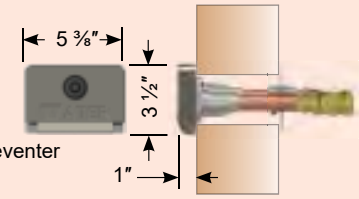


MODEL	WALL THICKNESS		
	CC-4"-6"-8"	10"-12"-14"-16"	18"-20"-22"-24"
MB65 or MB67, C or P Inlet			
MB65-K or MB67-K, C or P Inlet			
MB65BX (Tee Key Lock) - No Hydrant - Modular Box Assembly ONLY			
MB65BX-K (Cylinder Lock) - No Hydrant - Modular Box Assembly ONLY			

Model 68 *UNDERCOVER WALL HYDRANT™*



- ASSE 1053 listed hydrant
- Integral, Flip-Down 16 ga. Stainless Steel Cover
- Sleek, streamlined design - only 1" protrusion from wall
- Vandal Resistant w/Tee Key Lock
- Chrome plated, flush mounted cast brass hydrant head
- Model 50 ASSE 1052 High Flow Double Check Backflow Preventer
- Automatically drains - even with hose attached



MODEL 68	WALL THICKNESS		
	CC-4"-6"-8"	10"-12"-14"-16"	18"-20"-22"-24"
C or P Inlet			

Must specify Model, Inlet and Wall Thickness

OPTIONAL FINISH Hydrants Only: Rough Brass (BR)

WOODFORD COMMERCIAL WALL HYDRANTS

HC67 Hot & Cold Mixers HCB67



Includes Patented ASSE 1052 Nidel® 50HA High Flow Double Check Back-flow Preventer Field Testable and No Sprayback





CHROME FINISH STANDARD

MODEL	WALL THICKNESS		
	CC-4"-6"-8"	10"-12"-14"-16"	18"-20"-22"-24"
HC67*			
HCB67 Box Type**			

**OPTIONAL FINISH: Rough Brass (BR); Polished Brass (PB) - N/A*
***OPTIONAL FINISH: (Box Only): Rough Brass (BR); Polished Brass (PB) - N/A over 24" wall thickness*

C22 Hot & Cold - Light Commercial B22



Drywall Mounting Plate (DMP) Available for the C22.

Includes Patented ASSE 1052 Nidel® 50HA High Flow Double Check Backflow Preventer Field Testable and No Sprayback

Includes (2) Patented PRV Pressure Relief Valves



CHROME FINISH STANDARD

MODEL C22 or B22	WALL THICKNESS										
	4"	6"	8"	10"	12"	14"	16"	18"	20"	22"	24"
C22C, C22CP, C22PX											
C22P, C22C3, C22PX3											
B22C, B22CP, B22PX	N/A										
B22P, B22C3, B22PX3	N/A										

(2) Brown Powder Coated Metal Handles (Suffix MH). Tee Key (Suffix TK)
B22 Available in Rough Brass (BR) Box only (22BX)

SL-65 Vandal Resistant Stem Lock List Price Each.....

The SL-65 fits Models 65/67, B65/B67, RB65/RB67, MB65/MB67, 70,74,76, 75, 79, 84 & 86 series products.
*NOTE: The SL-65 **will not** fit in the B65/67-F with Flat Door or the Model 68 **Undercover™ Wall Hydrant.***

Replace the standard packing nut with the furnished brass locking nut and snap on the lock. 2 keys are included.

A Tee key is included for operating the faucet when lock is removed.

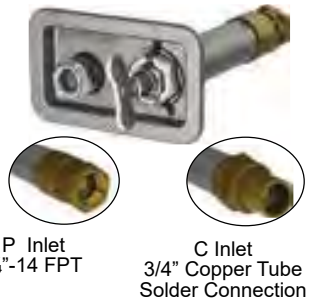




Model C22 & B22 Inlets - Dia. X Min. Length Req'd. In Heated Area

C  7/8" Dia X 1 5/8"	COMBINATION Copper Sweat Fitting 1/2" K, L or M Inside 3/4" M Only Outside	**C3**  1 1/16" Dia X 1 7/8"	3/4" Female Sweat Fitting	**PX**  7/8" Dia X 1 3/4"	1/2" PEX Tube Fitting
CP  15/16" Dia X 1 3/4"	COMBINATION 1/2" MPT 1/2" Female Sweat	**P**  1 1/16" Dia X 1 7/8"	COMBINATION 1/2" FPT 3/4" MPT	**PX3**  7/8" Dia X 1 3/4"	3/4" PEX Tube Fitting

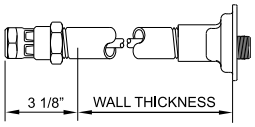
Model 70 - Galvanized Pipe Casing

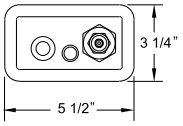


GALVANIZED PIPE CASING / CHROME FINISH STANDARD

MODEL	WALL THICKNESS		
	4"-6"-8"	10"-12"-14"-16"	18"-20"-22"-24"
70C, 70P			

OPTIONAL FINISH: Polished Brass (PB); Brass (BR)
OPTIONAL - Brass Pipe Casing
Made To order - No Cancel No Return - Contact factory for pricing

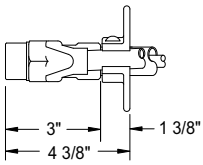


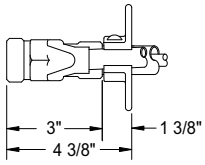


WOODFORD COMMERCIAL WALL HYDRANTS

Model 65 & 67 Inlet Descriptions

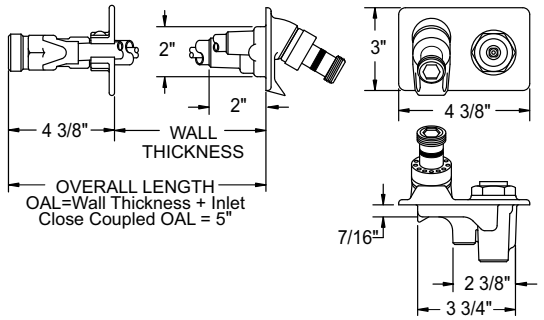
C Inlet
3/4" COPPER
WATER TUBE



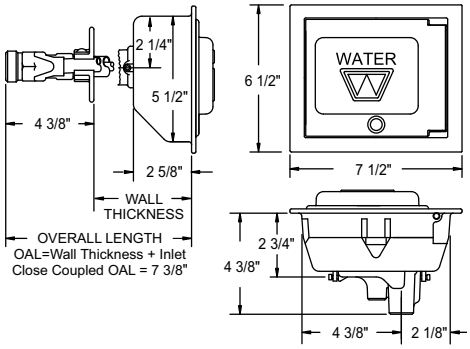


P Inlet
3/4" FEMALE
PIPE THREAD

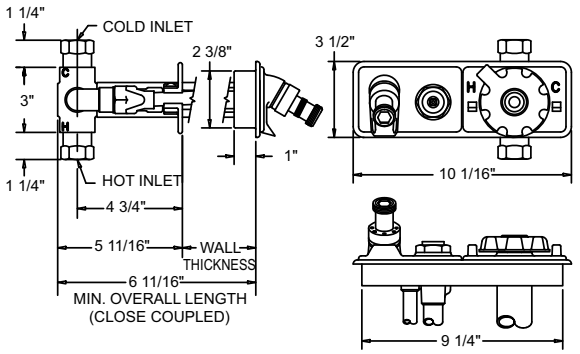
65 & 67

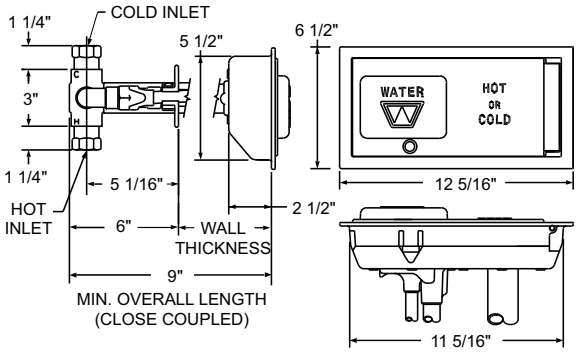


B65 & B67

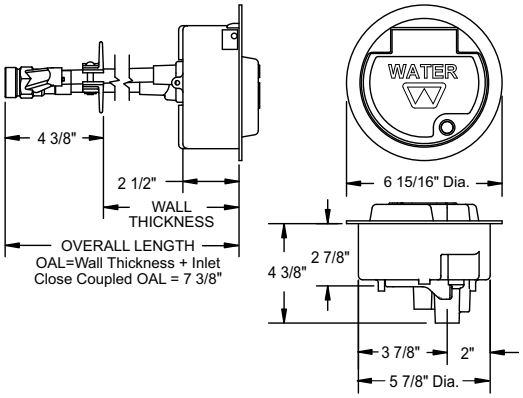


HC65 & HC67 .....Hot & Cold.....HCB65 & HCB67





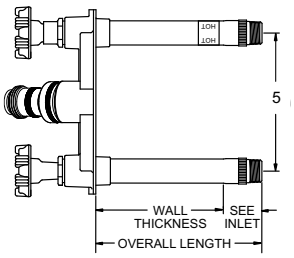
RB65 & RB67..... Round Box



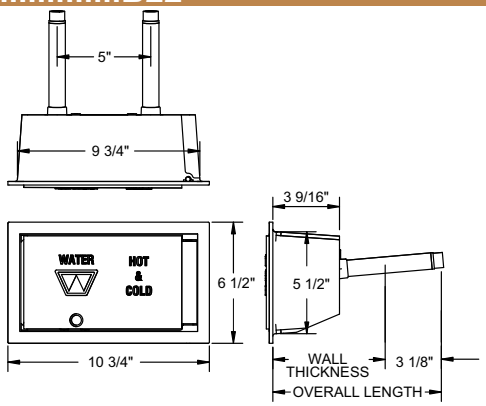


Install using
6" Dia. Core Drill

C22.....Hot & Cold.....B22

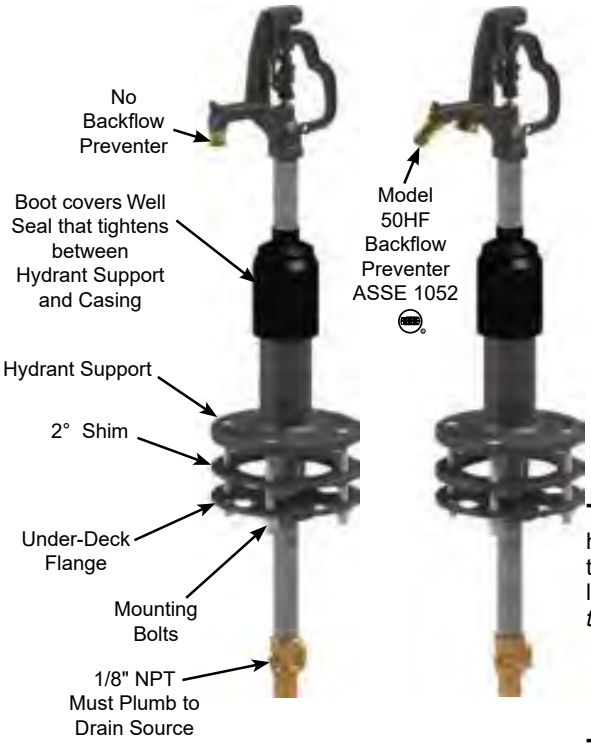


Optional for C22 & C22CC: Drywall Mounting Plate-DMP



WOODFORD COMMERCIAL ROOF HYDRANTS

RHY1-1-MS RHY2-1-MS



Freezeless **Roof Hydrants are designed to** facilitate a secure, exterior water source installation on commercial roof surfaces. The hydrant is installed through the roof and plumbed to the non-freezing interior water source. The hydrant is supported by a heavy duty cast iron (MS) Mounting System. All necessary mounting hardware for proper installation on a commercial roof is supplied, including a 2 degree shim for pitch adjustment.

Roof Hydrants are specified for washing condenser coils, windows, cooling towers, green roofs and other types of roof top equipment.

- Choose from 4 specific models.
- Order a complete Hydrant and Mounting System package or individual Hydrant or Mounting System units.
- All hydrants are operated by lifting the lever handle or turning a wheel handle.
- All repairs can be made from the top of the hydrant.

The patented *RHY1-1-MS* is the most reliable hydrant where backflow protection is not required. A 1/8" NPT tapped drain hole in valve body should be piped to a drain location to prevent freezing. *The user is not required to flush the hydrant.*

ROOF HYDRANT	
RHY1-1-MS Complete	
RHY1-1	

The patented *RHY2-1-MS* features a built-in vent that allows automatic draining when hydrant is shut off, even with a hose and device attached. A 1/8" NPT tapped drain hole in the valve body should be piped to a drain location to prevent freezing. Includes ASSE 1052 Model 50HF Backflow Preventer. *The user is not required to flush the hydrant.*

ROOF HYDRANT	
RHY2-1-MS Complete	
RHY2-1	

SRH-MS RHMC-MS



ASSE 1057 *SRH-MS* Sanitary Roof Hydrant

ASSE 1057

NO Drain Line Required!
This hydrant does not require removal of vacuum breaker or use of a diverter to protect from freezing.

With hose removed, a venturi action draws water out of the internal reservoir and discharges through the outlet. Note: Special operating instructions to insure proper evacuation. Includes ASSE 1052 Model 50HF Backflow Preventer.

ROOF HYDRANT	
SRH-MS Complete	
SRH	

The *RHMC-MS* Mild Climate Roof Hydrant is an excellent choice in non-freezing environments. The shut-off valve is located in the hydrant head and is wheel handle operated. Includes ASSE 1052 Model 50HF Backflow Preventer.

ROOF HYDRANT	
RHMC-MS Complete	
RHMC	

The *cast iron RH-MS* Roof Hydrant Mounting System can be ordered separately with all required hardware included.

ROOF HYDRANT	
RH-MS	

WOODFORD COMMERCIAL ROOF HYDRANTS

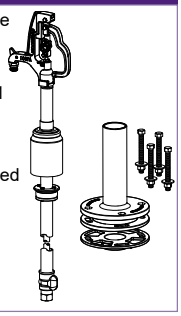
Part# RHY1-1-MS

Consists of the complete Roof Hydrant system:

Qty. 1 **RHY1-1**
Y1 Hydrant shipped in 1 carton.

Qty. 1 **RH-MS**
Mounting System shipped in 1 carton.

Total Shipping Wt.
2 cartons: 50 lbs



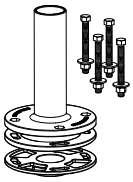
Part# RHY1-1

Carton contents consists of:
- Y1 Hydrant Assembly
- Well Seal
- Boot

Shipped in 1 Carton.
Shipping Wt. - 20 lbs



Part# RH-MS



Carton contents consists of:
Mounting System/Rough-In Components
- Hydrant Support - cast iron
- 2° Shim - cast iron
- Under Deck Flange - cast iron
- Mounting Bolts, Nuts & Washers

Shipped in 1 Carton.
Shipping Wt. - 30 lbs

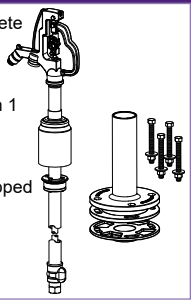
Part# RHY2-1-MS

Consists of the complete Roof Hydrant system:

Qty.1 **RHY2-1**
Y2 Hydrant shipped in 1 carton.

Qty. 1 **RH-MS**
Mounting System shipped in 1 carton.

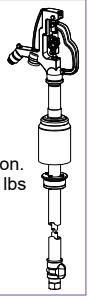
Total Shipping Wt.
2 cartons: 50 lbs



Part# RHY2-1

Carton contents consists of:
- Y2 Hydrant Assembly
- Well Seal
- Boot

Shipped in 1 Carton.
Shipping Wt. - 20 lbs



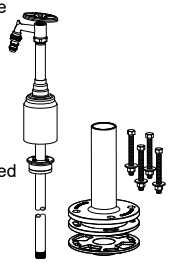
Part# RHMC-MS

Consists of the complete Roof Hydrant system:

Qty.1 **RHMC**
Hydrant shipped in 1 carton.

Qty. 1 **RH-MS**
Mounting System shipped in 1 carton.

Total Shipping Wt.
2 cartons: 50 lbs



Part# RHMC

Carton contents consists of:
- Hydrant Assembly
- Well Seal
- Boot

Shipped in 1 Carton.
Shipping Wt. - 20 lbs



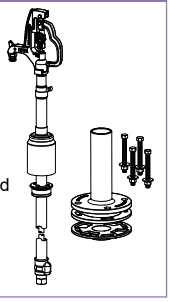
Part# SRH-MS

Consists of the complete Roof Hydrant system:

Qty.1 **SRH**
Hydrant shipped in 1 carton.

Qty. 1 **RH-MS**
Mounting System shipped in 1 carton.

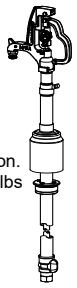
Total Shipping Wt.
2 cartons: 50 lbs

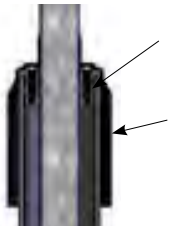


Part# SRH

Carton contents consists of:
- Hydrant Assembly
- Well Seal
- Boot

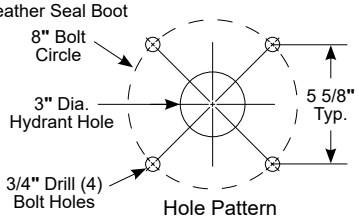
Shipped in 1 Carton.
Shipping Wt. - 20 lbs





Rubber Well Seal Draws Down To Expand Against Walls Of Hydrant And Hydrant Support.

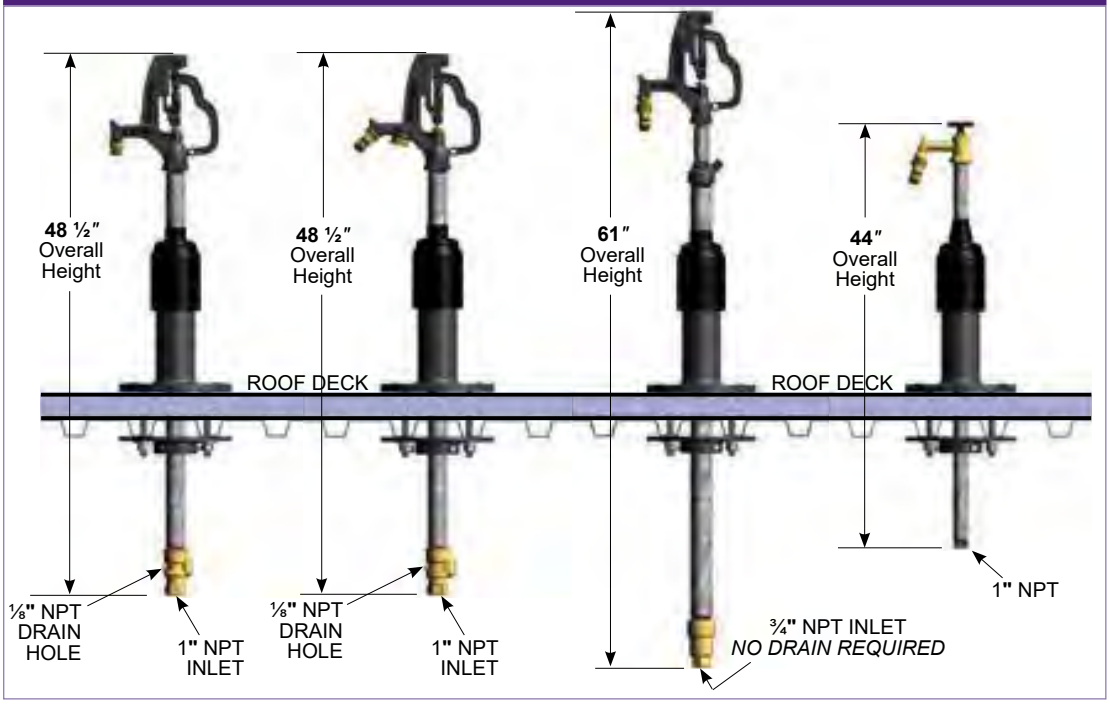
Weather Seal Boot



Hole Pattern
Use Hydrant Support as template

ROUGH-IN DIMENSIONS

RHY1-1-MS | RHY2-1-MS | SRH-MS | RHMC-MS



MILD CLIMATE RESIDENTIAL WALL FAUCETS

Model 101 *Residential*


101C


101CP


101P


101PX

- *ASSE 1019-Type C Listed*
- Anti-siphon protection with integral check valve and atmospheric vent
- Eliminates the need for an add-on vacuum breaker
- Choose from five inlet options
- Round, powder coated, die-cast aluminum handles - Standard
- Wall flange is included with all models

MODEL	
101C - 1/2" & 3/4" Copper Sweat Inlet	
101CP - 1/2" MPT & 1/2" Sweat Inlet	
101P - 3/4" MPT & 1/2" FPT Inlet	
101PX - 1/2" Pex Tube Inlet	
101CM - 1/2" Compression Fitting/Copper Sweat	

Suffix-BP-Bulk Pack Cartons of 6 units are available

Model 122 & V122 Hot & Cold *Residential*


122


V122

- ASSE 1019-Type C Listed
- Anti-siphon protection with integral check valve and atmospheric vent
- Eliminates the need for an add-on vacuum breaker
- Choose from five inlet options
- (2) Oval, powder coated, die-cast aluminum handles - Standard

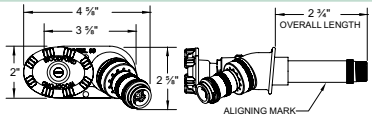
MODEL	
122C or V122C - 1/2" & 3/4" Copper Sweat Inlet	
122CP or V122CP - 1/2" MPT & 1/2" Sweat Inlet	
122P or V122P - 3/4" MPT & 1/2" FPT Inlet	
122PX or V122PX - 1/2" Pex Tube Inlet	
122CM or V122CM - 1/2" Compression Fitting/Copper Sweat	

Model 30CC *Residential*


The optional MB30BX can be used with the Model 30CC

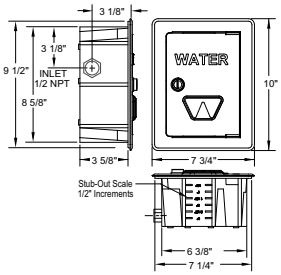
- Close Coupled version of the freezeless Model 30
- ASSE 1053 Backflow Protected, ***Automatic Draining***; UPC, cUPC Approved
- ASSE 1052 Nidel® Model 50HA High Flow Double Check Backflow Preventer
- Fits within a 2 X 4 stud wall and
- Drains automatically with or without an attached hose
- Available with a composite box, door and fascia.

MODEL	
30CC (CP or PX Inlet Optional)	
SL-17 Stem Lock for the Model 30	



Model MB221, MB224, MB226 *Commercial*





- Integral water supply stop is located at the faucet head
- ½-14 FPT Inlet connects through side of box
- Modular Box and Stainless Steel Door (3.3 lbs)
- Door Lock: Tee Key or Cylinder Lock (K)

MODEL		
MB221	Offers No Anti-Siphon Protection	
MB224	Includes Single Check Vacuum Breaker	
MB226	Includes 50HF Backflow Preventer	

**Key Cylinder Lock (Suffix K)*

Model C22CC, B22CC Hot & Cold *Commercial*


C22CC


B22CC

- Chrome plated brass head
- ASSE 1052 Nidel® Model 50HA High Flow Double Check Backflow Preventer

MODEL	O.A.L.	CHROME
C22CC (CP & PX Inlet Optional)	2 3/4"	
B22CC (CP & PX Inlet Optional) - Box Type	6 1/8"	

(2) Metal Handles (Suffix MH)
Tee Key (Suffix TK)
B22CC Available in Rough Brass; B22 (BR)

MILD CLIMATE COMMERCIAL WALL FAUCETS

21, 24, 26, Y24/Y26 Series

- 21 Series: Hose Nozzle outlet with No Anti-Siphon Protection
- 24 Series: ASSE 1011 Nidel® 34HF Single Check Vacuum Breaker
- 26 Series: ASSE 1052 Nidel® 50HF High Flow Double Check Backflow Preventer
- Standard: Clear Polycarbonite Wheel Handle & Tee Key; Optional: metal Wheel Handle Only (Does Not Include Tee Key)
- Standard Finish: Rough chrome; Optional: Rough brass (BR); Polished Chrome (PC)

Inlet Options:
- P1/2 = 1/2" FPT
- P3/4 = 3/4" FPT
- C = Combination 1/2" and 3/4" Copper Sweat
- CP = Combination 1/2" MPT and 1/2" Copper Sweat


24P1/2 or 24P3/4


26P1/2 or 26P3/4


24C


26CP


Y26

SL-24 Stem Lock



Optional: SL-24 Vandal Resistant Stem Lock is available for all 21, 24 & 26 models.

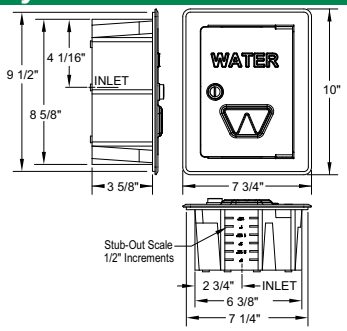
MODEL	FEATURES	ROUGH BRASS (BR)	ROUGH CHROME (CH)	POLISHED CHROME (PC)
21P1/2 or 21P3/4	3/4" Hose Nozzle			
21C or 21CP				
24P1/2, 24P3/4, 26P1/2 or 26P3/4	34HF Single Check or 50HF Double Check			
24C, 24CP, 26C or 26CP				
Y24 or Y26				

SL-24	Stem Lock - Chrome/Gray

MB24, MB26, MB24BX *Modular Wall Box System*

- Includes Composite Box, 14 gauge Stainless Steel Door & Fascia
- Order with or without a Model 24P or 26P faucet.
- Faucet includes Wheel Handle & Tee Key
- Standard Faucet Finish: Rough chrome; Optional: Rough brass (BR); Polished Chrome (PC)
- Standard: Tee Key latch
- Optional: *Key (K) cylinder lock





MODEL	FEATURES
MB24-1/2 or 3/4	with composite box, SS door and fascia and ASSE 1011 34HF vacuum breaker
MB26-1/2 or 3/4	with composite box, SS door and fascia and ASSE 1052 50HF backflow preventer
MB24BX (No Faucet)	Modular Box System ONLY; composite box, SS door and fascia

B24, B26, *Metal Wall Box Option*

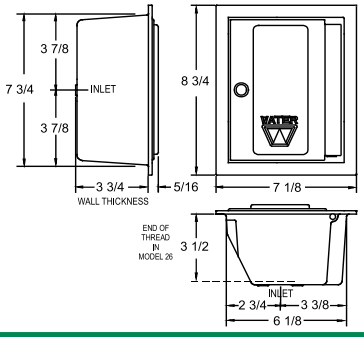
- Order with a Model 24P or 26P faucet.
- Standard: Chrome Plated Brass Box & Door; Optional: Rough brass (BR); Polished Brass (PB); Cast Aluminum (AL)
- Standard: Wall Faucet Wheel Handle & Tee Key; Optional: Metal Handle Only (MH)
- Standard: Tee Key latch





Box is drilled for optional mounting bracket. Order: RK-Bracket

Use to mount B24 & B26 or MB24 & MB26



MODEL	FEATURES
B24-1/2 or 3/4	with chrome plated brass box and ASSE 1011 34HF vacuum breaker
B24-1/2 or 3/4-AL	with aluminum box and ASSE 1011 34HF backflow preventer
*B26-1/2 or 3/4	with chrome plated brass box and ASSE 1052 50HF backflow preventer
*B26-1/2 or 3/4-AL	with aluminum box and ASSE 1052 50HF backflow preventer

OPTIONAL FINISH: Rough Brass (BR); Polished Brass (PB)

**Metal Handle Available on B26 Only (Suffix MH) Optional;* B24 Box w/Flat Door (B24BX)
B26 Box w/Bubble Door (B26BX)
B26BX-AL Aluminum Box w/Bubble Door (B26BX-AL)

MILD CLIMATE COMMERCIAL WALL FAUCETS

70 & 80 Series Close Coupled



The unique design of the Model 75 and 79 allows the installer to rotate the 3/4" FPT inlet by hand to easily complete connection regardless of direction.

- Loose Tee Key operated
- Rectangular, recessed or flush mounting chrome plated brass heads
- 3 Inlet options
- All models fit inside a 4" wall
- Choose single check or double check models
- All hydrants are available with rectangular or round brass box and door
- Standard Finish: Chrome
- Optional Finish: (Extra charge) Rough Brass (BR) Polished Brass (PB)

Model 75
ASSE 1011





Model 79
ASSE 1052

MODEL	FEATURES
75	ASSE 1011 34HF vacuum breaker and swivel inlet with adjustable 360° orientation
79	ASSE 1052 50HF backflow preventer and swivel inlet with adjustable 360° orientation

OPTIONAL FINISH: Rough Brass (BR); Polished Brass (PB)



Model 74
ASSE 1011



Model 76
ASSE 1052



Model 84
ASSE 1011



Model 86
ASSE 1052

MODEL	FEATURES
74C, 74P	with straight nozzle and ASSE 1011 34HF vacuum breaker
84C, 84P	with angled nozzle and ASSE 1011 34HF vacuum breaker
76C, 76P	with straight nozzle and ASSE 1052 50HF backflow preventer
86C, 86P	with angled nozzle and ASSE 1052 50HF backflow preventer

OPTIONAL FINISH: Rough Brass (BR); Polished Brass (PB)



Model B74 or B75
ASSE 1011

Model B76 or B79
ASSE 1052



Mounting Bracket Included

Model RB74 or RB75
ASSE 1011

Model RB76 or RB79
ASSE 1052

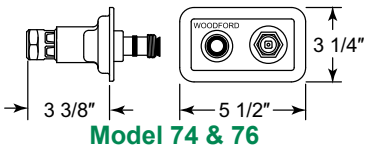


RECTANGULAR BOX	PRICE	ROUND BOX	FEATURES
B74C or P	463.00	RB74C or P	with straight nozzle and ASSE 1011 34HF vacuum breaker
B75	451.70	RB75	with ASSE 1011 34HF vacuum breaker (360° Inlet orientation)
B76C or P	482.15	RB76C or P	with straight nozzle and ASSE 1052 50HF backflow preventer
B79	467.90	RB79	with ASSE 1052 50HF backflow preventer (360° Inlet orientation)

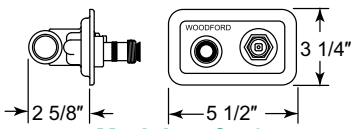
MOUNTING BRACKET INCLUDED; OPTIONAL FINISH: Rough Brass (BR) - Deduct ($13.00) list each; Polished Brass (PB) - Add $55.00 list each;
Cylinder Lock Door: Specify (Suffix K) - Add $25.00 list each. (Available in Chrome Square Box Only)
Flat door available for B74 or B75 ONLY - (Suffix F)

Order 74BX box assembly to convert to box type B74, B75, B76, B79 ….. Add $265.65 list each.

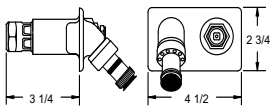
Rough-In Dimensions



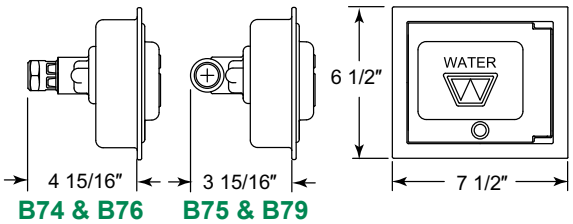
Model 74 & 76
C Inlet - 3/4" Female Copper Sweat
P Inlet - 3/4" FPT



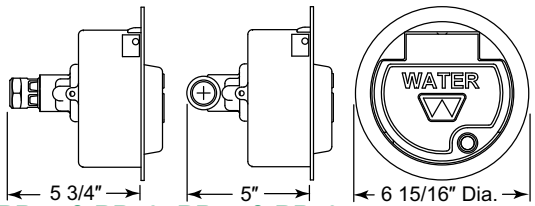
Model 75 & 79
3/4" FPT
360° Swivel Inlet



Model 84 & 86
C Inlet - 3/4" Female Copper Sweat
P Inlet - 3/4" FPT



B74 & B76 **B75 & B79**

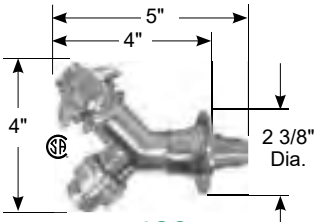


RB74 & RB76 **RB75 & RB79**

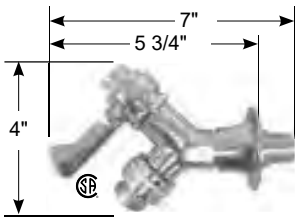
MILD CLIMATE COMMERCIAL WALL FAUCETS

Single Sink Fittings

- Adjustable Wall Flange Included
- Polished Chrome
- ASSE 1011 34HF Vacuum Breaker
- CSA Listed (40SC & 40HT)



40SC
Self Close Wheel Handle



40SC-LH
Lever Handle



40HT
Half Turn Wheel Handle



40HT-LH
Lever Handle

MODEL	FEATURES
40SC	Self Close Wheel Handle, ½" or ¾" MPT Inlet
40SC-LH	Self Close Lever Handle, ½" or ¾" MPT Inlet - ADA
40HT	Half Turn Wheel Handle, ½" or ¾" MPT Inlet
40HT-LH	Half Turn Lever Handle, ½" or ¾" MPT Inlet - ADA

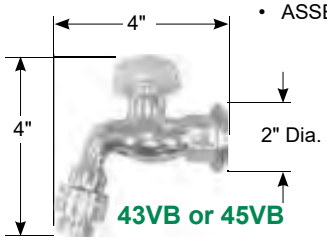
OPTIONAL FINISH (40HT Only): Rough Brass (BR) - Deduct ($5.00) list each
Metal Handle (MH) available on HT Models - Add $1.00 each;
Bald Nose Nozzle (BN) - Deduct ($3.00) list each



- A Tee Key is included for operating all Mild Climate wheel handle units. (Not included with the 40SC or 40HT-LH)
- Converts any unit to a Vandal Resistant wall faucet or wall hydrant.

Single Sink Fittings

- Manual Close Handle
- Polished Chrome
- ASSE 1011 34HF Vacuum Breaker



43VB or 45VB



44VB



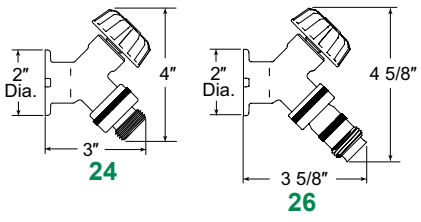
46VB

MODEL	FEATURES
43VB	½" FPT Inlet and 34HF vacuum breaker
44VB	½" MPT Inlet and 34HF vacuum breaker
45VB	¾" FPT Inlet and 34HF vacuum breaker
46VB	¾" MPT Inlet and 34HF vacuum breaker

OPTIONAL FINISH: Rough Brass (BR) each; Metal handle (MH)
Tee Key and Wheel handle Standard

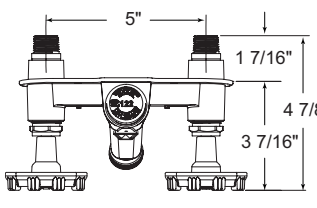
Hose-end models 43, 44, 45 & 46 are available without a vacuum breaker

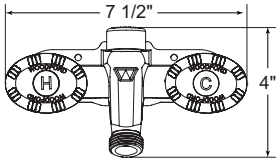
Mild Climate Series Rough-In Dimensions



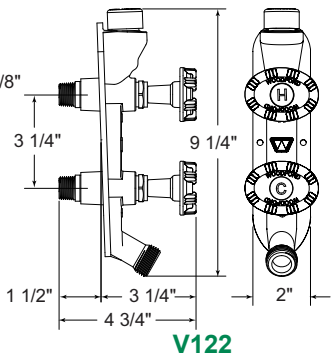
24

26

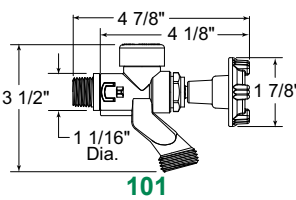




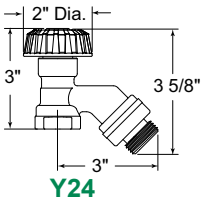
122



V122



101

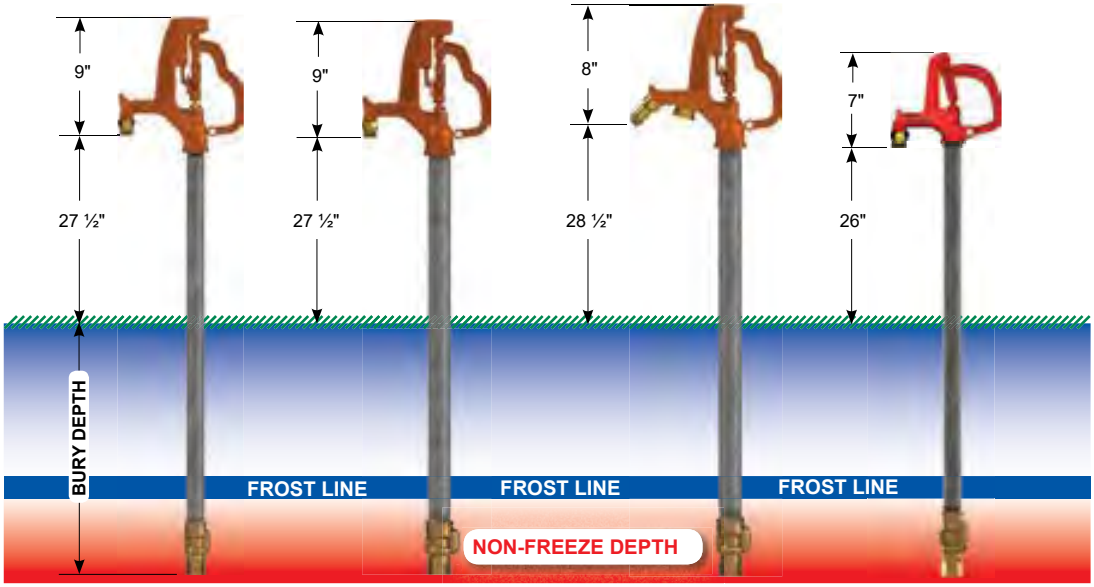


Y24

WOODFORD YARD HYDRANTS

All Yard Hydrants include a 1/8" NPT drain hole in the valve body.

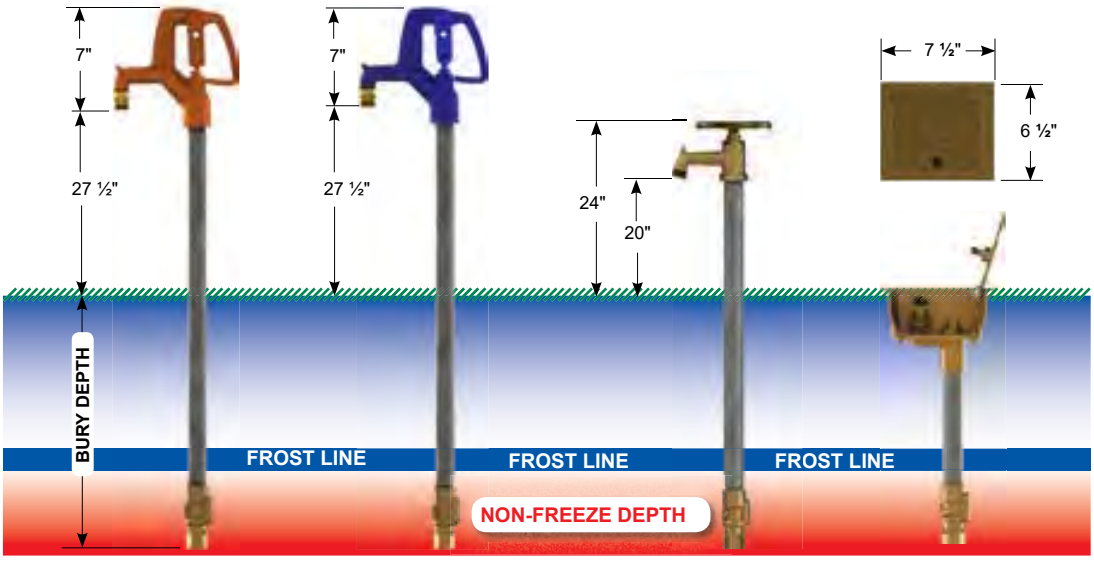
Y34 Y1 Y2 R34



MODEL		BURY DEPTH									
3/4 INLETS		1'	2'	3'	4'	5'	6' **	7' **	8' **	9' **	10' **
R34									N/A	N/A	N/A
W34									N/A	N/A	N/A
X34									N/A	N/A	N/A
Y30BR	(1)								N/A	N/A	N/A
Y30CH	(1)								N/A	N/A	N/A
Y34	(1)(3)										
Y34 Stainless Steel	(5)										
Y95	(1)(2)(4)								N/A	N/A	N/A
1" INLETS											
Y1	(1)(3)										
Y2	(1)(4)								N/A	N/A	N/A

(1) Brass pipe casing and operating pipe available. Contact us for pricing.
(2) Polished brass Suffix PB finish
(3) One Inch Hose Nozzle Suffix HN
(4) Backflow Protected - ASSE 1052 Model 50HF Backflow Preventer
*(5) Add -Suffix SS option for Stainless Steel**
*** 6' and longer must be shipped Freight/LTL*

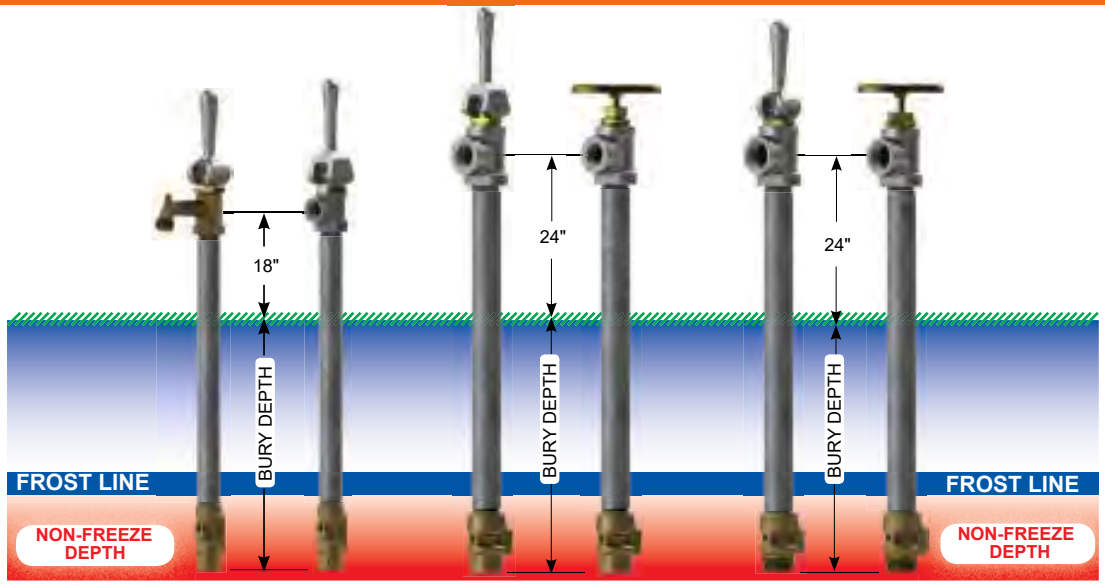
W34 X34 Y30 Y95



WOODFORD UTILITY HYDRANTS

All Yard Hydrants include a 1/8" NPT drain hole in the valve body.

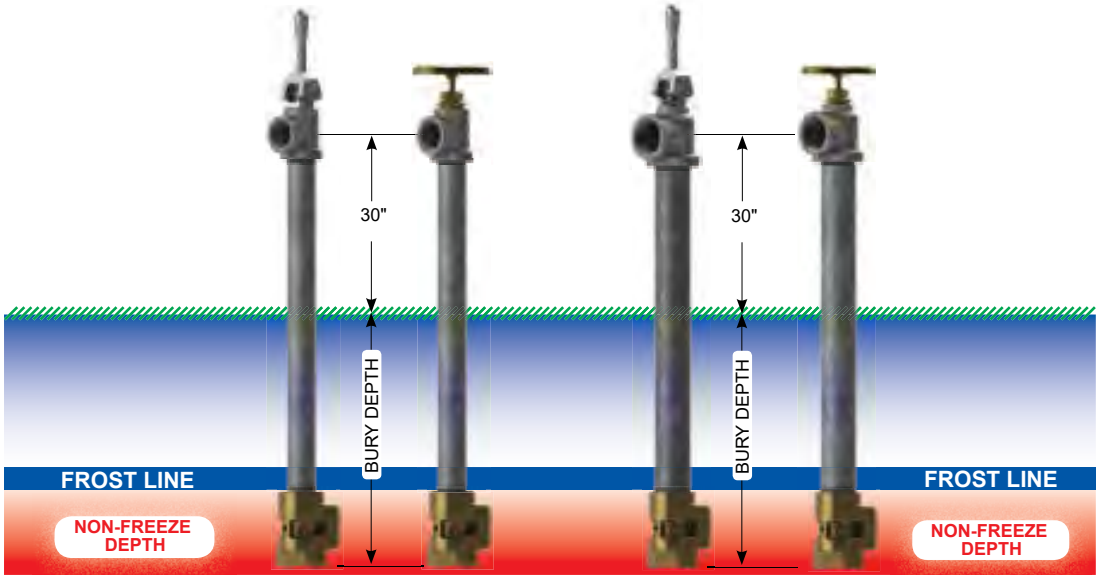
U34A U75M U100M U100W U125A U125W



MODEL		BURY DEPTH						
3/4 INLETS		1'	2'	3'	4'	5'	6' **	7' **
U34 Spout	(1)							
U75 Tee	(1)							
1" INLETS								
U100	(2)							
1 1/4" INLETS								
U125	(2)							
1 1/2" INLETS								
U150	(3)							
2" INLETS								
U200	(3)							

(1) Specify Suffix "A" (Automatic Close Handle), "M" (Manual Close Handle)
(2) Specify Suffix "A" (Automatic Close Handle), "M" (Manual Close Handle), "W" (Wheel Handle)
(3) Specify Suffix "M" (Manual Close Handle), "W" (Wheel Handle)
*** 6' and longer must be shipped Freight/LTL*

U150M U150W U200M U200W



WOODFORD SANITARY YARD HYDRANTS

All hydrants on this page comply with Safe Drinking Water Act effective 1/4/14

Model S3 & S4H

ASSE 1057

***Freezeless, Low Lead*, Sanitary Yard** Hydrants are designed to produce immediate water flow in sub-zero temperatures.

- Specify for use in public areas such as camp grounds and parks or any location where low lead hydrants are required
- Hydrants are completely sealed to prevent ground water from entering the reservoir or service line
- Diverter spout allows independent water flow when hose is attached to backflow preventer
- The S4H meets ADA requirements for height and 5 lbs. maximum operating force
- *** 6' and longer must be shipped Freight/LTL*

MODEL	BURY DEPTH						
	1'	2'	3'	4'	5'	6' **	7' **
S3/S4H							

OPTIONAL: ASSE 1057 Approved Device - Single Check Vacuum Breaker (Suffix SC)
S3 - Manual Close - Backflow Protected
S4H - ADA Compliant - SELF CLOSING - Backflow Protected
SEE WEB SITE FOR REQUIRED VERIFICATION SHEET

Thermaline®

The Thermaline®, *Low Lead*, Sanitary Water Connector is a compact unit especially designed to provide water service to mobile homes in freezing conditions.

- Ideal wherever a freezeless sanitary tight line installation is needed, such as, waterers for livestock
- High strength plastic casing is insulated with permanently molded and bonded polyurethane foam
- *2 foot, 15 watt (110-120v) portable insert heater is standard on 2' - 6' hydrants*
- *4 foot, 30 watt (120v) portable insert heater is optional on 6' hydrants and standard on 7' and longer hydrants*
- Costs about a penny a day to operate even at 50° below zero
- Wheel handle at surface level shuts off water below the frost line when hydrant is not in use

MODEL	BURY DEPTH						
	1'	2'	3'	4'	5'	6' **	7' **
THERMALINE							

Brass pipe casing and operating pipe available. Contact factory for pricing.
Available without heating element (Suffix NE)
Optional 6' Thermaline® with 4' Heater

H34

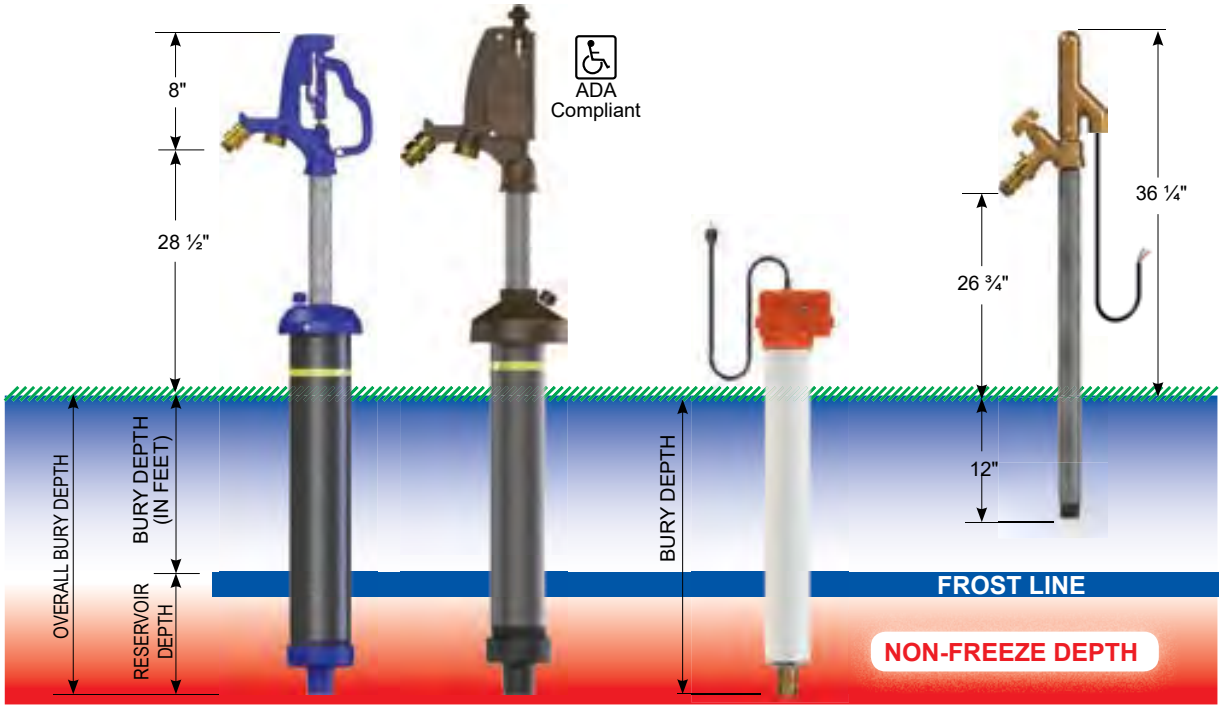
The Model H34, *Low Lead*, Sanitary is a non-draining hydrant that features a thermostatically controlled heating element that prevents water in the hydrant from freezing even at temperatures down to 20 degrees below zero.

- One foot bury depth closed system design

MODEL	
H34	3' long cord standard
H34-C12	Includes 12' cord
H34-C25	Includes 25' cord

One Length Required. 1" MPT Male Thread Inlet

S3 S4H THERMALINE® H34



WOODFORD VACUUM BREAKERS & REPAIR KITS

Hose Connection Nidel® Vacuum Breakers & Backflow Preventers



34H 34HD 37HD1 37HD2 50H

Single Check ASSE 1011 *Double Check ASSE 1052*

ADD-ON DEVICES					
FINISH	34H	34HD	37HD1	37HD2	50H
BRASS (BR)	16.50	24.25	65.55	88.70	26.05
CHROME (CH)	21.90	29.85	75.10	98.25	30.95



34HA 34HF 34HW 37HA 37HF

Single Check ASSE 1011 *Double Check ASSE 1052*

INTEGRAL DEVICES					
FINISH	34HA	34HF	*34HW	**37HA	37HF
BRASS (BR)					
CHROME (CH)					

34HA standard on Model 25 & 65; 34HF standard on Model 24, 43, 44, 45, 46, 74, 75, 84
50HA standard on Model 67; 50HF standard on Model 76, 79, 86
** 55180 Nozzle Required;*
*** Converts Model 65 to Model 67*

Double Check ASSE 1052

INTEGRAL DEVICES		
FINISH	*50HA	50HF
BRASS (BR)		
CHROME (CH)		

50HA replaces VB222 and is standard on Model C22, B22, 27, 30 & 67
50HF standard on Model 26, Y2, H34, B26, Y95
** Converts Model 65 to Model 67*



*50HA 50HF

*Patented High Flow Double Check Model 50 Backflow Preventer

The first ASSE 1052 Approved automatic draining high flow double check backflow preventer.
When a hose is removed from a Model 50 equipped wall faucet or yard hydrant, two linked but independent checks move as one to open a path through the valve allowing water to drain completely and prevent freezing.



Repair Kits

RK-14/17MH

METAL WHEEL HANDLE
8 SPLINES



1. 30096 Wheel Handle-Metal
2. 30002 Handle Screw

RK-25/27H

MODEL 25 & 27 WHEEL HANDLE
5/16 SQUARE SHANK



1. 30239 Wheel Handle
2. 30234 Handle Screw

RK-14/17LH

LEVER HANDLE



1. 30465 Lever Handle
2. 30466 Lever Handle Screw

RK-Bracket

MOUNTING BRACKET FOR BOX TYPE HYDRANTS



RK-17VB

MODEL 17 VACUUM BREAKER FLOAT KIT



RK-19VB

MODEL 19 VACUUM BREAKER FLOAT KIT



RK-101VB

MODEL 101 VACUUM BREAKER FLOAT KIT



RK-22VB

MODEL 22 & V22 VACUUM BREAKER FLOAT KIT



RK-122VB

MODEL 122 & V122 VACUUM BREAKER FLOAT KIT

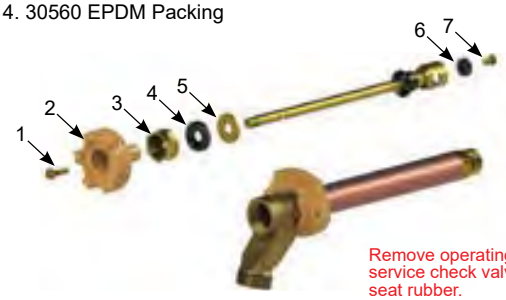


WOODFORD REPAIR KITS

RK-14MH-404556

MODEL 14/18 METAL HANDLE

1. 920520 Handle Screw
2. 920525 Wheel Handle (Metal)
3. 30059 Packing Nut
4. 30560 EPDM Packing
5. 30006 Packing Support Washer
6. 30008 Valve Seat Rubber
7. 30009 Retainer Screw



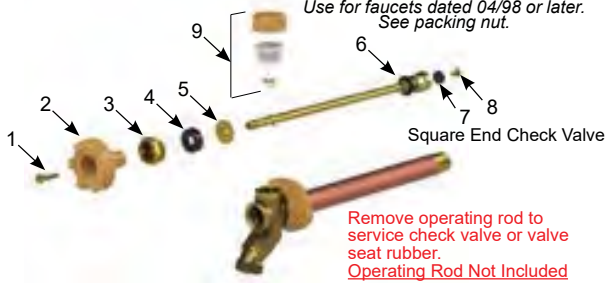
Remove operating rod to service check valve or valve seat rubber.
Operating Rod Not Included

RK-17MH-404557

MODEL 17 METAL HANDLE

1. 920520 Handle Screw
2. 920525 Handle (Metal)
3. 30059 Packing Nut
4. 30560 EPDM Packing
5. 30421 Packing Washer
6. 30418 Check Valve
7. 30008 Valve Seat Rubber
8. 30009 Retainer Screw
9. RK-17VB Float Kit
10. 30459 Bevel Check Valve

Use for faucets dated 04/98 or later. See packing nut.



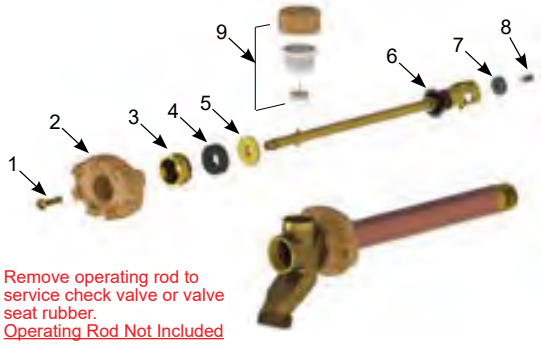
Square End Check Valve

Remove operating rod to service check valve or valve seat rubber.
Operating Rod Not Included

RK-19

MODEL 19

1. 30002 Handle Screw
2. 30559 Oval, Die Cast Aluminum Wheel Handle
3. 30059 Packing Nut
4. 30560 EPDM Packing
5. 30421 Packing Support Washer
6. 30459 Check Valve
7. 30008 Valve Seat Rubber
8. 30804 Retainer Screw
9. RK-19VB Float Kit



Remove operating rod to service check valve or valve seat rubber.
Operating Rod Not Included

RK-PRV

PRESSURE RELIEF VALVE UPGRADE KIT FOR MODEL 14 & 17

1. 30002 Handle Screw
2. 30096 Round Metal Handle
3. 30059 Packing Nut
4. 30560 EPDM Packing
5. Valve Stem Assembly (See Chart)



RK-PRV-*	
Wall Thickness	Overall Length
RK-PRV-4	5 7/8”
RK-PRV-6	7 7/8”
RK-PRV-8	9 7/8”
RK-PRV-10	11 7/8”
RK-PRV-12	13 7/8”
RK-PRV-14	15 7/8”
RK-PRV-16	17 7/8”
RK-PRV-18	19 7/8”
RK-PRV-20	21 7/8”
RK-PRV-22	23 7/8”
RK-PRV-24	25 7/8”

* Insert wall thickness.
Example for 10” wall thickness: RK-PRV-10

RK-25-401030

MODEL 20/25/27

1. 30234 Handle Screw
2. 30239 Wheel Handle
3. 30241 Head Nut
4. 30236 Drain Guard
5. 30245 Headnut Gasket
6. 30238 Stem Screw
7. 35280 Drain Valve Assembly
8. 30230 Plunger Assembly

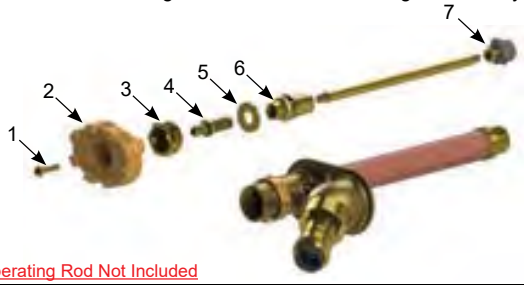


Operating Rod Not Included

RK-30

MODEL 30

1. 30002 Handle Screw
2. 30559 Oval, Die Cast Aluminum Wheel Handle
3. 30059 Packing Nut
4. 30264 Stem Screw
5. 30105 Packing Washer
6. 35281 Drain Valve Assembly
7. 30260 Plunger Assembly



Operating Rod Not Included

RK-ADJ-PRV

ADJUSTABLE OPERATING ROD MODEL 14, 16, 17, 19, 22, V22

1. 35124 Inlet Stem
2. 35123 Middle Stem
3. 35122 Handle Stem
4. 30508 Stem Stop
5. Stainless Steel Clips (2)
6. 30560 EPDM Packing
7. 30059 Packing Nut
8. 30096 Round Metal Wheel Handle
9. 30002 Handle Screw



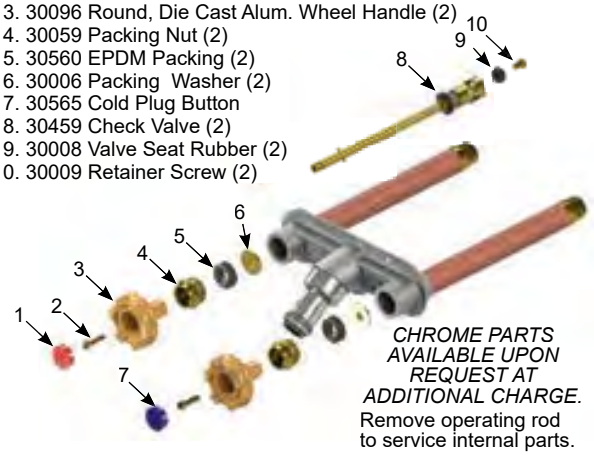
- Adjustable Operating Rod assemblies for 4” to 14” model lengths in 2” increments.
- Includes the patented, resetting Pressure Relief Valve (PRV) upgrade.
- *Complete instructions are provided with each RK-ADJ-PRV.*

WOODFORD REPAIR KITS

RK-22MH MODEL 22/V22 HOT AND COLD METAL HANDLE

1. 30566 Hot Plug Button
2. 30002 Handle Screw (2)
3. 30096 Round, Die Cast Alum. Wheel Handle (2)
4. 30059 Packing Nut (2)
5. 30560 EPDM Packing (2)
6. 30006 Packing Washer (2)
7. 30565 Cold Plug Button
8. 30459 Check Valve (2)
9. 30008 Valve Seat Rubber (2)
10. 30009 Retainer Screw (2)

Operating Rod Not Included



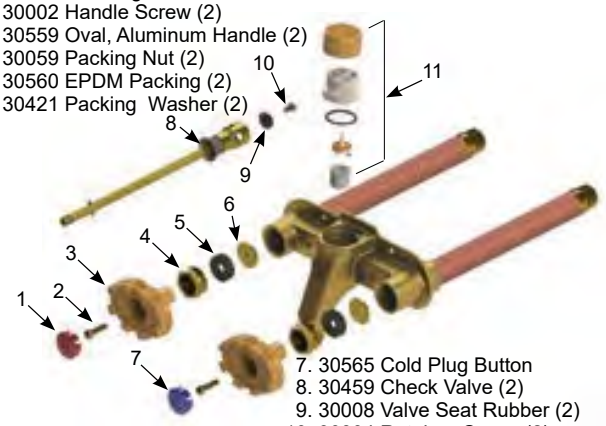
CHROME PARTS AVAILABLE UPON REQUEST AT ADDITIONAL CHARGE.

Remove operating rod to service internal parts.

RK-22PRV MODEL 22/V22 HOT AND COLD 2008 Vent Float Design

1. 30566 Hot Plug Button
2. 30002 Handle Screw (2)
3. 30559 Oval, Aluminum Handle (2)
4. 30059 Packing Nut (2)
5. 30560 EPDM Packing (2)
6. 30421 Packing Washer (2)
7. 30565 Cold Plug Button
8. 30459 Check Valve (2)
9. 30008 Valve Seat Rubber (2)
10. 30804 Retainer Screw (2)
11. RK-22VB Vent Float Kit

Operating Rod Not Included



Remove operating rod to service internal parts.

RK-101 MODEL 101

1. 30002 Handle Screw
2. 30096 Round, Die Cast Alum. Wheel Handle
3. 30570 Packing Nut - Model 101
4. 30247 EPDM Packing
5. 30105 Packing Support Washer
6. 30824 Anti-Turbulance Sleeve
7. 30459 Check Valve
8. 30008 Valve Seat Rubber
9. 30009 Retainer Screw
10. RK-101VB Vacuum Breaker Float Kit



Stem Screw Not Included

RK-24-404558 MODEL 21/24/B24/26/B26/Y24/Y26 CHROME

1. 30121 Handle Screw
2. 30120 Wheel Handle
3. 30109 Packing Nut
4. 30247 EPDM Packing
5. 30105 Packing Washer
6. 30104 Operating Screw
7. 30008 Valve Seat Rubber
8. 30009 Retainer Screw



RK-122 MODEL 122 & V122

1. 30566 Plug Button-H-Red
1a. 30565 Plug Button-C-Blue
2. 30002 Handle Screw (2)
3. 30559 Oval, Die Cast Alum. Wheel Handle (2)
4. 30570 Packing Nut - Model 101 (2)
5. 30247 EPDM Packing (2)
6. 30105 Packing Support Washer (2)
7. 30824 Anti-Turbulance Sleeve (2)
8. 30459 Check Valve (2)
9. 30008 Valve Seat Rubber (2)
10. 30009 Retainer Screw (2)
11. RK-122VB Vacuum Breaker Float Kit

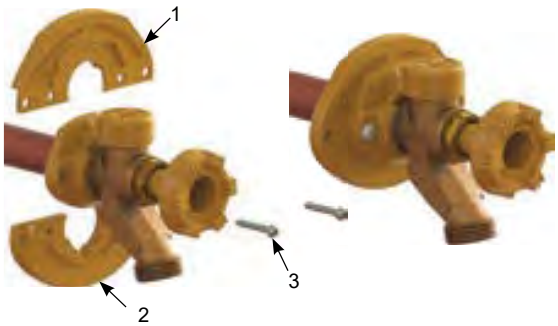


Stem Screw Not Included

RK-OSF MODEL 14, 16, 17, 19, 101 Over Sized Flange

1. 30091 Oversized Flange - Top
2. 30092 Over Sized Flange - Bottom
3. 30234 Mounting Screw (2)

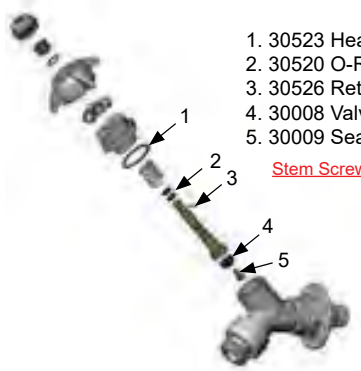
Fits behind an existing Woodford Faucet flange to secure a loose fitting faucet or cover a larger opening in the wall.



WOODFORD REPAIR KITS

RK-40SC

MODEL 40SC SELF CLOSE



1. 30523 Head Nut Gasket
2. 30520 O-Ring (2)
3. 30526 Retaining Pin
4. 30008 Valve Seat Rubber
5. 30009 Seat Rubber Screw

Stem Screw Not Included

RK-40HT

MODEL 40HT HALF TURN



1. 30247 Packing
2. 30105 Packing Washer
3. 30008 Valve Seat Washer
4. 30009 Seat Rubber Screw

Stem Screw Not Included

RK-65

MODEL 60 / 65 / 67 / 68
CHROME

1. 50009 Tee key
2. 50264 Head Nut
3. 50252 Stem Washer
4. 55062 Stem Screw
5. 50251 "C" Washer
6. 51014 Yoke Nut
7. 50250 Plunger

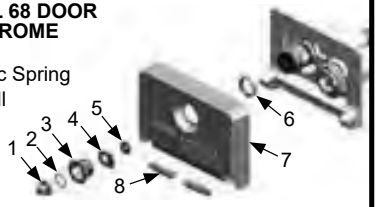


Operating Rod Not Included

RK-68DR

MODEL 68 DOOR
CHROME

1. 30139 Tee Key Lock
2. 30156 Tee Key Lock Disc Spring
3. 30140 Tee Key Lock Well
4. 30143 Cam Lock
5. 30150 Cam Screw
6. 30155 Hex Nut
7. 50280 SS Head Cover
8. 50041 Headless Shoulder Bolt (2)



DOOR ASSEMBLY REPAIR KITS

RK-65DR*	B65 Flat Door-Chrome
RK-65DR-BR*	B65 Flat Door-Brass
RK-67DR*	B67 Bubble Door-Chrome
RK-67DR-BR*	B67 Bubble Door-Brass
RK-24DR	B24 Flat Door-Chrome
RK-24DR-BR	B24 Flat Door-Brass
RK-26DR	B26 Bubble Door-Chrome
RK-26DR-BR	B26 Bubble Door-Brass

All door assemblies include: (1) Door, (1) E Ring, (1) Door Lock Screw, (2) Hinge Pins

MODULAR DOOR & FASCIA ASSEMBLIES

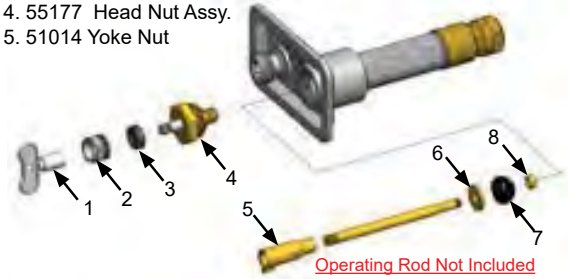
RK-30MBDR*	MB30 Composite
RK-24MBDR*	MB24 Stainless Steel

All modular door assemblies include: (1) Door, (1) Fascia, (1) Hinge Rod, (2) Hinge Screws, (2) Hinge Washers, (1) Spring
**Optional: Key (K) Cylinder Lock (Add $25.00 to List)*
Note: Original unit must have -K on B65/B67

RK-70

MODEL 70 & 72
WALL HYDRANT-CHROME
Obsolete Models 7/8/80/85/90/95

1. 50009 Tee key
2. 30109 Packing Nut
3. 30247 Packing
4. 55177 Head Nut Assy.
5. 51014 Yoke Nut
6. 50027 Support Washer
7. 51013 Ball Valve Rubber
8. 50028 Round Brass Nut

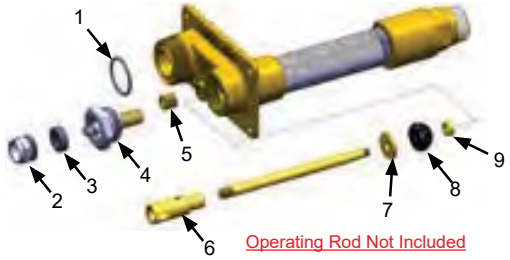


Operating Rod Not Included

RK-32

MODEL 32
SPRINKLER SUPPLY

1. 50611 AS-124 O-ring
2. 30107 Packing Nut-brass
3. 30247 EPDM Packing
4. 55176 Head Nut Assembly
5. 50035 1/4" Pipe Plug
6. 51014 Yoke Nut
7. 50027 Plain Washer
8. 51013 Ball Valve Rubber
9. 50028 Round Brass Nut

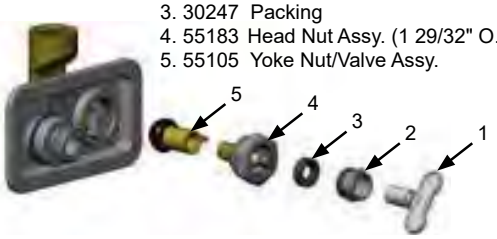


Operating Rod Not Included

RK-75

MODEL 75/B75/79/B79
CLOSE COUPLED WALL HYDRANT
CHROME

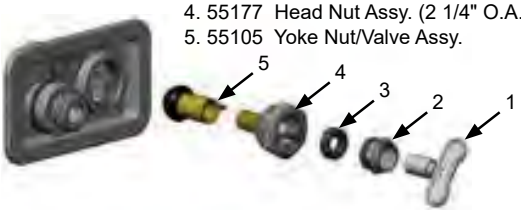
1. 50009 Tee key
2. 30109 Packing Nut
3. 30247 Packing
4. 55183 Head Nut Assy. (1 29/32" O.A.L.)
5. 55105 Yoke Nut/Valve Assy.



RK-71

MODEL 71/74/76/81/84
B71/B74/B76
CLOSE COUPLED WALL HYDRANT
CHROME

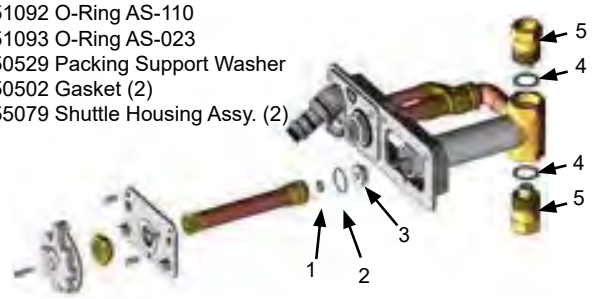
1. 50009 Tee key
2. 30109 Packing Nut
3. 30247 Packing
4. 55177 Head Nut Assy. (2 1/4" O.A.L.)
5. 55105 Yoke Nut/Valve Assy.



WOODFORD REPAIR KITS

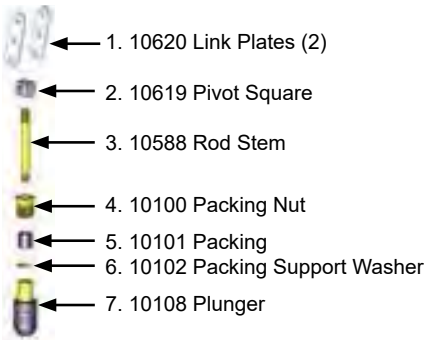
RK-HC
MODEL HC/HCB
HOT & COLD WALL HYDRANT

1. 51092 O-Ring AS-110
2. 51093 O-Ring AS-023
3. 50529 Packing Support Washer
4. 50502 Gasket (2)
5. 55079 Shuttle Housing Assy. (2)



RK-R34
R34 YARD HYDRANT





RK-Y34
MODEL Y34 YARD HYDRANT





RK-Y1
MODEL Y1, Y2, S3, YARD HYDRANT
RHY1, RHY2 ROOF HYDRANT





RK-YHL
MODEL Y1/Y2/Y34
YARD HYDRANT LINKS

1. 10206 Hex Nut (3)
2. 10009 Upper Link (orange)
3. 15007 Lower Link Assy. (orange)
4. 15008 Cam & Clevis Assy. (orange)
5. 10020 Link Bolt (2)
6. 10021 Lever Bolt

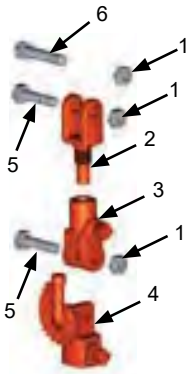
RK-SHL
MODEL S3 SANITARY
YARD HYDRANT LINKS

1. 10206 Hex Nut (3)
2. 10444 Upper Link (blue)
3. 15211 Lower Link Assy. (blue)
4. 15241 Cam & Clevis Assy. (blue)
5. 10020 Link Bolt (2)
6. 10021 Lever Bolt

RK-RHL
MODEL RHY1/RHY2
ROOF HYDRANT LINKS

1. 10206 Hex Nut (3)
2. 10614 Upper Link (gray)
3. 15242 Lower Link Assy. (gray)
4. 15243 Cam & Clevis Assy. (gray)
5. 10020 Link Bolt (2)
6. 10021 Lever Bolt





RK-W34
W34 YARD HYDRANT
(ORANGE HEAD)

RK-X34
X34 YARD HYDRANT
(BLUE HEAD)



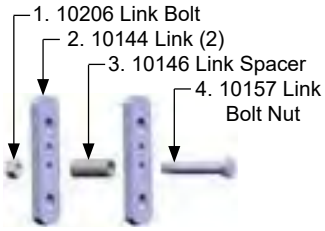


X34

RK-WXL
MODEL W34/X34
STEEL LINK



W34



WOODFORD REPAIR KITS

RK-Y95

MODEL Y70/Y95
BOX TYPE YARD HYDRANT

1. 50010 Long Tee Key
2. 30107 Packing Nut
3. 30247 Packing
4. 55176 Head Nut Assy.
5. 10109 Yoke Nut
6. 10105 Plunger



RK-Y30

MODEL Y30
POST TYPE YARD HYDRANT



1. 30002 Handle Screw
2. 10630 Oval, Powder Coated, Die Cast Aluminum Handle
3. 30107 Packing Nut
4. 30247 Packing
5. 55178 Head Nut Assembly
6. 10109 Yoke Nut
7. 10105 Plunger

RK-THERM

THERMALINE
HEATED, INSULATED
SANITARY YARD HYDRANT



1. 80062 Thumb Nut
2. 80063 Washer
3. 80014 Handle
4. 80017 Packing Nut
5. 30247 Packing
6. 85064 Head Nut Assy.
7. 80066 Yoke Nut
8. 85015 Valve Assembly

RK-TL-1H
RK-TL-2H
RK-TL-4H

THERMALINE
HEATER & HEATER WELL

Heater Assembly w/Heater Cover

85061..... 1'
85062..... 2'
85065..... 4'

All Heater Assemblies Include:
(1) 80061 Heater Cover



Heater Well Assembly

85001..... 1'
85002..... 2'
85004..... 4'

All Heater Well Assemblies Include:
(1) 80062 Thumb Nut
(1) 80063 Washer

RK-H34

MODEL H34
HEATED, BACKFLOW PROTECTED
SANITARY YARD HYDRANT



1. 30002 Handle Screw
2. 30233 Wheel Handle
3. 30107 Packing Nut
4. 30247 Packing
5. 30105 Packing Washer
6. 30104 Operating Stem
7. 30008 Valve Seat Rubber
8. 30009 Retainer Screw

RK-HTR

H34 HEATER ASSEMBLY



1. 10543 Heater Assembly
2. 10544 Compression Nut
3. 10545 Compression Sleeve
4. 10546 Set Screw (2)

RK-SRH

MODEL SRH
SANITARY ROOF HYDRANT



1. 10100 Packing Nut
2. 10101 Packing
3. 10102 Packing Support Washer
4. 15121 Brass Rod Stem
5. 10117 O-Ring - 206
6. 10118 Valve Body O-Ring
7. 50027 Support Washer
8. 51013 Ball Valve Rubber
9. 50028 Round Brass Nut

RK-RHMC

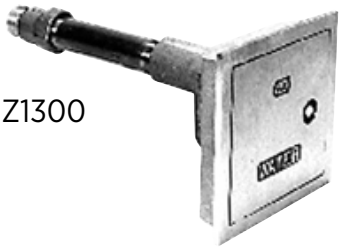
MODEL RHMC
ROOF HYDRANT
MILD CLIMATE



1. 30002 Handle Screw - Brass
2. 30239 Wheel Handle-Metal
3. 30107 Packing Nut - Brass
4. 30247 EPDM Packing
5. 30105 Packing Support Washer
6. 30104 Operating Stem
7. 30008 Valve Seat Rubber
8. 30009 Retainer Screw

ZURN HYDRANT REPAIR KITS

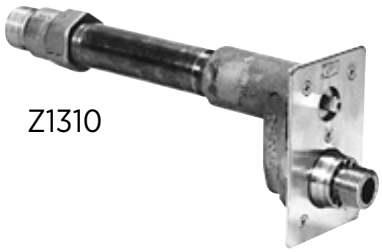
Z1300





804085
HYDRANT REPAIR KIT FOR Z1300 & Z1310

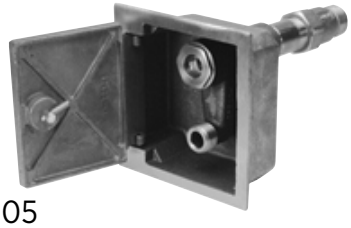
Z1310



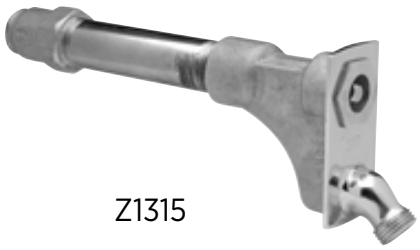


806611
COMPLETE REPAIR KIT W/UNIVERSAL STEM UNIT FOR Z1300 & Z1310 (ROD SHOWN 12 1/2" LONG, CUT TO LENGTH)

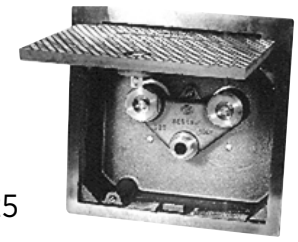
Z1305



Z1315



Z1325





003850
HYDRANT REPAIR KIT FOR Z1305, Z1315 & Z1325



920380
HYDRANT REPAIR KIT FOR Z1320 & Z1321

Z1320



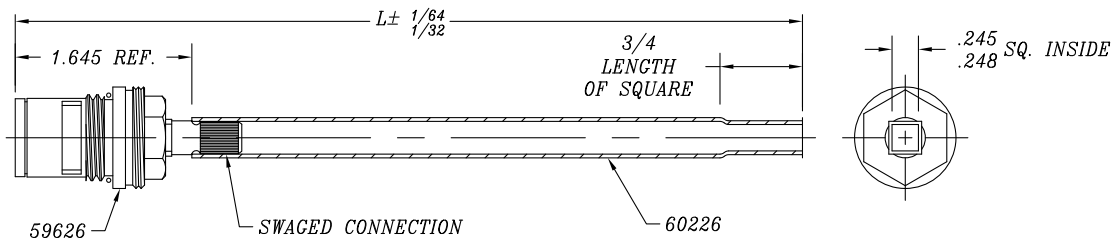
Z1321



ZURN CERAMIC CARTRIDGE ASSEMBLIES

L	LIST OF MATERIAL						
	ITEM	QUAN.	PART NO.	NAME	MATERIAL	MAT. SPEC.	DESCRIPTION
3	1	1	61402-001	CARTRIDGE ASSY.	N/A	N/A	Z1330, Z1332-EZ, Z1333
6 1/8	4	1	" -004	"	"	"	4" WALL
7 1/8	5	1	" -005	"	"	"	5" WALL
8 1/8	6	1	" -006	"	"	"	6" WALL
9 1/8	7	1	" -007	"	"	"	7" WALL
10 1/8	8	1	" -008	"	"	"	8" WALL
11 1/8	9	1	" -009	"	"	"	9" WALL
12 1/8	10	1	" -010	"	"	"	10" WALL
13 1/8	11	1	" -011	"	"	"	11" WALL
14 1/8	12	1	" -012	"	"	"	12" WALL
15 1/8	13	1	" -013	"	"	"	13" WALL
16 1/8	14	1	" -014	"	"	"	14" WALL
17 1/8	15	1	" -015	"	"	"	15" WALL
18 1/8	16	1	" -016	"	"	"	16" WALL
19 1/8	17	1	" -017	"	"	"	17" WALL
20 1/8	18	1	" -018	"	"	"	18" WALL
21 1/8	19	1	" -019	"	"	"	19" WALL
22 1/8	20	1	" -020	"	"	"	20" WALL
23 1/8	21	1	" -021	"	"	"	21" WALL
24 1/8	22	1	" -022	"	"	"	22" WALL
25 1/8	23	1	" -023	"	"	"	23" WALL
26 1/8	24	1	" -024	"	"	"	24" WALL
27 1/8	25	1	" -025	"	"	"	25" WALL
28 1/8	26	1	" -026	"	"	"	26" WALL
29 1/8	27	1	" -027	"	"	"	27" WALL
30 1/8	28	1	" -028	"	"	"	28" WALL
31 1/8	29	1	" -029	"	"	"	29" WALL
32 1/8	30	1	" -030	"	"	"	30" WALL
33 1/8	31	1	" -031	"	"	"	31" WALL
34 1/8	32	1	" -032	"	"	"	32" WALL
35 1/8	33	1	" -033	"	"	"	33" WALL
36 1/8	34	1	" -034	"	"	"	34" WALL
37 1/8	35	1	" -035	"	"	"	35" WALL
38 1/8	36	1	" -036	"	"	"	36" WALL
39 1/8	37	1	" -037	"	"	"	37" WALL
40 1/8	38	1	" -038	"	"	"	38" WALL

NOTE:
ITEMS #4 THRU #38 TO BE USED WITH HYDRANTS Z1320, Z1320-EZ, Z1321 & Z1322-EZ.



HOSE DRAINS & HOOKUPS



400575
BRASS SILLCOCK 1/2" FIP
400690
BRASS SILLCOCK 3/4" FIP



400570
1/2" MIP BOILER DRAIN W/45º SPOUT
401673
3/4" MIP BOILER DRAIN W/45º SPOUT



406963
1/2" FIP BOILER DRAIN THREADED OUTLET
408251
3/4" FIP BOILER DRAIN THREADED OUTLET



400650
BOILER DRAIN 1/2" MIP MHT OUTLET THREADED
400655
BOILER DRAIN 3/4" MIP MHT OUTLET THREADED



408005
BRASS HOSE BIBB 1/2" MIP MHT OUTLET
408006
BRASS HOSE BIBB 3/4 MIP MHT OUTLET



401075
RUBBER WASHING MACHINE FILL HOSE 3/8" HIGH PRESSURE (3/4" X 3/4")
409872
STAINLESS STEEL BRAIDED WASHING MACHINE HOSE 3/8" FULL FLOW HIGH PRESSURE



942587
WASHER OUTLET BOX 1/2" SWEAT CONNEC 1/4" TURN BALL VALVES
406553
WASHER OUTLET BOX 1/2" PEX CONNEC 1/4" TURN BALL VALVES



406614
WHEEL HANDLE W/SET SCREW



900125
HYDRANT HANDLE 1/4" SQUARE BROACH

INDEX: BY ITEM NUMBER

000013....146
000023....301
000048....289
000060....275
000064....49
000149....746
000173....385, 386
000233....388
000247....143
000263....385
000267....303
000268....386
000269....386
000301....32, 385, 387
000319....525
000348....164
000373....171
000388....171
000395....326
000403....326
000404....326
000405....326
000406....326
000407....326
000408....326
000409....326
000410....326
000411....326
000413....326
000414....326
000415....326
000416....326
000417....326
000418....326
000419....326
000420....326
000421....326
000422....326
000423....346
000424....346
000425....326
000454....95
000455....326
000458....326
000460....411
000464....126
000488....602
000496....95
000507....485
000518....414
000519....414
000520....414
000521....414
000522....414
000523....414
000524....414
000525....414
000526....732
000538....79, 574
000539....414
000553....346
000554....346
000560....414
000561....414
000569....457
000594....525
000595....95
000606....365
000611....135
000628....457
000636....89
000640....219
000683....759, 760
000684....97
000689....139
000690....139
000691....321
000719....526
000724....79
000734....520
000735....520
000750....355
000754....295
000757....460, 461, 462, 463, 465, 466, 470, 471
000769....345
000775....354
000790....358
000794....358
000817....358
000819....31
000820....15, 85
000825....305
008285B....75
000835....530
000843....260
000862....478
000864....305
000866....385, 386
000867....32, 385, 386, 387
000871....732
000886....342
000914....130
000920....52
000925....365
000944....333
000983....601
000989....295
000990....295
000993....346
000998....225
001006....527
001010....571
001012....571
001013....571
001021....10
001025....506, 507
001032....277
001037....510
001038....510
001039....510
001045....514
001060....571
001063....253
001065....24
001077....393
001090....520
001104....484
001105....484
001235....416
001238....50
001239....50
001247....596
001279....365
001300....574
001319....48
001466....29, 124
001501....357
001662....95
001701....131
001786....607
001894....354
002015....584
002029....225
002030....219, 229
002040....346
002041....346
002042....346
002050....149
002051....149
002056....760
002120....660
002154....757
002300....91
002359....274
002404....348
002405....348
002454....277
002529....407
002548....731
002549....731
002550....731
002865....492
002907....31
003050....329
003051....328
003052....328
003054....329
003055....329
003085....514
003086....596
003087....599
003089....348
003090....348
003091....348
003092....346
003093....346
003096....348
003097....348
003106....358
003107....365
003108....365
003141....599
003187....29, 124
003376....365
003445....514
003456....682
003459....682
003548....682
003569....755
003850....786
004018....346
004125....514
004126....514
004179....222
004332....123
004333....123
004553....441
004554....441
004563....359
005230....386
005252....750
005589....409
005658....126
005851....541
005852....542
005853....543
005856....328
005857....231
005859....328
005860....328
005861....328
005862....328
005863....328
005864....328
005865....328
005866....328
005867....328
005868....328
005869....328
005870....570
005871....328
005872....328
005873....328
005874....328
005876....328
005877....328
006000....355
006598....595, 596
006804....365
007008....365
007009....365
008006....737
008015....185
008019....185
008022....750
008062....364
008063....363
008071....185
008072....185
008073....185
008172....14
008174....14
008175....14
008176....14
008229....325
008232....325
008248....344
008252....66
008253....344
008257....737
008284....751
008292....574
008294....38
008296....359
008346....182
008376....87
008452....170
008474....74, 517
008496....751
008636....598
008637....598
008638....598
008645....619
008792....100
008801....735
008828....339
008829....324, 325
008830....333
008831....333
008832....333
008833....333
008834....333
008835....340
008836....340
008837....339
008846....734
008871....131
008930....598
008947....598
009017....610
009135....292
009361....361
009638....362
012086....413
012413....680
012414....680, 681
012415....679, 680, 681
012426....504
012479....318
012480....318
012509....318
012560....318
012563....318
012564....318
014460....730
014461....730
022540....504
022555....507
023109....289
028617....413
060281....413
066070....413
066108....413
066387....411
080962....757
088410....649, 651
088416....658
088419....649, 651
100001....271
100002....269
100003....187
100005....271
100011....187
100015....187
100016....187
100017....187
100018....187
100020....285
100023....252
100025....252
100026....255, 270
100030....252
100035....268
100036....253
100040....263
100046....265
100047....270
100054....263
100055....254
100056....254
100060....158, 256
100061....257
100062....257
100063....256
100064....256
100065....256
100066....256
100067....256
100068....256
100069....256
100070....257
100070P....257
100071....257
100071P....257
100075....255
100080....255
100101....268
100110....268
100124....266
100126....267
100127....267
100128....266
100129....266
100135....261
100136....260
100137....268
100138....259
100140....261
100141....260
100143....261
100144....260
100145....260
100150....271
100151....260
100152....270
100157....253
100160....262
100164....255
100165....262

100169....264
100170....260
100171....260
100172....260
100175....269
100178....269
100179....268
100180....269
100182....269
100189....268
100190....264, 271
100193....260
100200....271
100205....268
100210....269
100215....269
100217....187
100218....267
100220....268
100223....264
100225....255
100226....255
100227....158, 270
100230....256
100233....255
100237....259
100245....269
100255....269
100259....255
100260....255
100261....255
100262....255
100263....256
100264....256
100265....255
100266....256
100267....256
100268....255
100269....255
100270....256
100275....271
100281....264
100297....271
100298....271
100299....271
100301....271
100302....271
100305....270
100306....270
100307....258, 270
100309....270
100310....257
100311....257
100312....257
100313....257
100313P....257
100315....136
100316....136
100321....268
100327....267
100341....262
100347....262
100350....256
100355....253
100357....263
100370....252
100372....252
100375....261
100380....261
100381....260
100384....261
100387....252
100388....255
100403....270
100404....262
100424....264
100430....10
100438....264
100440....10
100445....10
100451....259
100461....268
100471....272
100490....187
100536....101
100555....266
100560....265
100598....264
100610....266
100615....264
100635....258
100704....252
100716....269
100726....266
100790....272
100800....277
100815....254
100820....254
100839....252
100853....265
100855....253
100859....269
100860....265
100861....253
100863....262
100866....265
100867....266
100869....266
100870....265
100871....265, 266
100876....259
100880....254
100884....265
100885....267
100888....252
100894....187
100895....254
100902....253
100965....265
100999....267
101001....278
101002....278
101003....278
101004....281
101005....278
101006....278
101007....280
101009....281
101010....279
101012....281
101013....278
101015....279
101016....279
101017....101, 280
101018....279
101019....279
101020....280
101021....279
101022....279
101023....280
101024....281
101026....280
101028....281
101029....101, 281
101030....280
101031....101, 280
101032....101, 280
101034....279
101035....281
101036....279
101526....272
102000....273
102225....14
102420....265
103100....266
103665....277
103666....277
104014....274
104370....255
104380....277
104382....277
104424....267
104471....266
104512....100
104520....263
104707....272
105542....262
105548....260
105549....260
105551....260
105552....260
106032....263
106223....266
106701....273
107620....14
108600....270
118433....737
118437....737
118438....737
118439....737
118452....738
118453....738
118629....737
118630....738
118665....737
118666....737
118668....738
118669....737
118674....737
118675....737
118676....737
200002....184
200007....178
200008....178
200009....180
200015....24
200017....183
200018....180
200020....34, 179
200022....235
200023....742, 746
200025....182
200034....178
200035....178
200036....178
200037....178
200041....185
200042....185
200050....178
200051....183
200052....179
200062....178
200075....229
200076....219, 225, 227, 229
200077....219, 225, 227
200078....219, 225, 227
200079....216
200080....216
200081....216
200082....216
200083....219, 220
200084....218
200085....218
200110....181
200111....181
200116....182
200117....182
200118....186
200125....183
200129....182
200135....183
200140....183
200147....184, 347
200148....184, 347
200170....180, 259
200175....183
200180....179
200185....181
200190....179
200196....220
200204....220
200212....217
200215....179
200220....183
200228....233
200245....178
200250....181
200252....233
200253....233
200267....185
200269....336
200305....347
200310....347
200320....347
200323....220
200324....219
200329....220
200355....347
200360....347
200362....347
200365....347
200366....347
200367....347
200390....179
200395....179
200400....517, 179
200410....233
200415....182
200420....182
200475....747
200480....179
200490....18, 139
200494....159, 181
200495....139, 140, 181
200500....181
200510....185
200515....185
200520....185
200525....180, 294
200545....181
200551....221
200560....182
200580....347
200581*....347
200582....347
200583....347
200584....347
200585....347
200586....347
200587....347
200588....347
200589....347
200673....252
200715....181
200730....181
200750....186
200760....186
200780....184
200802....183
200902....188
200925....229
20-018P....323
20-019P....323
20-020P....323
20-021P....323
20-026P....323
20-027P....323
20-028P....323
20-029P....323
20-030P....323
20-031P....323
20-035P....323
20-036P....323
20-046P....323
20-050P....323
20-052P....323
20-054P....323
20-055P....323
20-056P....323
20-057P....323
20-058P....323
20-059P....323
20-061P....323
20-062P....323
20-063P....323
20-068P....323
20-069P....323
20-070P....323
20-151P....323
20-152P....323
20-153P....323
20-154P....323
20-155P....323
20-531P....323
20-532P....323
20-702P....323
20-703P....323
20-704P....323
20-724P....323
20-725P....323
20-730P....323
20-731P....323
20-732P....323
20-733P....323
20-734P....323
20-735P....323
20-736P....323
20-750P....323
20-751P....323
20-752P....323
20-753P....323
20-754P....323
20-755P....323
20-756P....323
20-757P....323
20-758P....323
20-944P....323
20-993P....323
201006....574
201030....183
201032....179
201036....220
201037....220
201038....220
201039....220
201060....179
201101....180
201102....580
201103....178
201105....219
201106....139, 144, 180
201107....219
201110....182
201121....183
201125....179
201140....181
201142....229
201146....182
201152....182
201153....44, 179
201154....219
201158....227
201159....180
201160....184
201162....360
201163....218
201164....221
201189....220
201200....181
201252....180

201502 178
201514 220
201516 220
202104 220
202225 185
202724 227
202984 393
203051 146
203341 220
203447 218
203448 218
203449 218
203541 178
203551 218
203626 220
203627 220
204020 223
204021 187
204424 178
204446 222
204457 235
204503 225
204505 225
204506 225
204508 219, 225, 227, 229
204509 219, 225, 227
204510 219, 225, 227
204511 225, 227
204513 225
204529 227
204530 227
204531 227
204532 227
204533 227
204555 229
204556 229
204558 229
204561 229
204574 218
204575 218
204576 218
204578 218
204583 218
204598 220
204660 220
204661 220
204803 222
204804 222
204805 222
204900 235
205090 222
205092 222
205200 186
205207 188
205413 591
205441 184
205508 181, 317
205550 214
205580 188
205667 181
205700 220, 220
205701 220
205879 222
206104 185
206108 185
206116 182
206292 213
206300 276
206301 276
206302 276
206381 231
206654 191
206981 184
207551 221
207885 220
207886 219
208016 222
208560 231
208562 231
208825 185
208826 185
208827 185
208828 185
208830 185
209740 231
212001 419, 420
300001 730
300002 736
300003 736
300004 736
300005 730
300006 736
300007 732
300008 732
300010 730
300015 730
300020 730
300021 730
300031 730
300033 730
300035 730
300036 730
300037 730
300040 730
300050 730
300060 730
300062 732
300067 298, 732
300068 732
300069 732
300070 298, 732
300071 733
300072 733
300073 733
300090 735
300095 525
300096 49, 525
300097 525
300099 525
300100 525
300101 525
300102 525
300103 525
300104 526
300105 525
300106 525, 527
300117 734
300146 731
300249 526
300251 50
300400 731
300401 731, 735
300402 731
300403 731, 732
300404 731
300406 731
300407 731, 732
300411 735
300427 738
300447 734
300558 731
300566 733
300567 733
300570 733
300577 732
301226 734
301400 735
301402 735
301557 734
302203 735
302204 735
303041 731
303478 345
304003 737
304406 345
304418 565
304462 345
304555 732
304556 732
304564 300
304999 738
305541 738
306626 735
306887 738
306940 735
306998 734
307400 734
307401 734
307402 734
307403 734
307404 734
307405 734
307406 734
307407 734
307408 734
307409 734
307410 734
307689 187
307890 735
308862 345
309405 737
309951 738
320400 615
320429 615
320440 615
320456 615
320555 615
320559 615
321010 615
340354 361
380067 682
400001 140, 142, 305
400002 328
400003 328
400004 328
400005 305
400006 335
400009 328
400011 328
400012 328
400013 329
400014 329
400021 306
400023 321
400025 341
400027 337
400028 332
400029 332
400030 311, 312
400031 316
400035 311, 312
400036 295
400037 315
400041 313
400042 313
400043 324
400044 324
400050 310
400051 329
400052 329
400053 329
400054 329
400055 329
400056 329
400057 329
400059 331
400060 313
400062 331
400063 331
400064 331
400065 313
400068 330
400069 330
400070 330
400071 330
400072 330
400073 330
400074 330
400077 315
400080 313
400081 310
400085 284
400090 286
400091 286, 293
400104 56
400105 30, 516
400109 56
400110 30, 475, 476
400111 56
400115 30, 299
400116 336
400117 336
400118 335
400119 335
400120 30, 297, 416
400121 335
400125 335
400126 335
400127 335
400128 335
400129 335
400130 335
400131 335
400132 335
400133 335
400134 335
400135 30
400136 336
400137 336
400138 336
400139 336
400142 29
400143 336
400144 336
400145 29
400146 336
400147 336
400148 336
400150 30
400153 332
400156 336
400157 336
400158 336
400159 312
400160 284
400161 336
400162 336
400164 336
400165 284
400166 336
400167 336
400168 336
400169 336
400170 336
400171 336
400172 336
400173 336
400174 336
400175 310
400176 336
400177 336
400178 336
400179 335
400180 310
400181 335
400182 252
400183 259
400184 335
400185 26, 416
400187 335
400188 335
400190 286
400194 335
400195 286
400196 335
400197 335
400199 335
400201 335
400202 335
400203 335
400204 335
400205 285
400206 285
400207 329
400208 329
400209 335
400210 321
400211 335
400213 335
400217 311
400218 311
400219 305
400220 311
400223 315
400224 328
400225 321
400226 320
400227 320
400228 331
400229 331
400230 10
400231 335
400232 295
400234 335
400235 295
400236 335
400237 335
400239 335
400240 295
400241 295
400243 295
400244 295
400245 295
400246 295
400247 295
400249 295
400250 305
400251 305
400252 336
400253 336
400254 336
400255 305
400256 305
400257 336
400258 336
400259 336
400260 305
400261 305
400262 336
400263 336
400264 336
400265 305
400266 336
400267 336
400268 336
400269 328
400270 84, 307
400274 313
400275 313
400276 329
400277 329
400278 329
400279 329
400280 329
400281 329
400282 329
400283 329
400284 329
400285 329
400287 329

400288 329
400289 329
400291 335
400292 335
400293 336
400294 336
400295 336
400296 336
400297 336
400298 336
400299 336
400300 162
400301 336
400302 336
400303 336
400304 336
400305 296
400306 296
400311 326
400312 326
400313 326
400315 316
400317 328
400320 316
400330 295
400331 329
400332 329
400333 329
400334 329
400335 295
400336 329
400337 329
400338 329
400339 329
400341 329
400342 329
400343 329
400344 329
400345 325
400350 325
400352 313
400353 313
400374 311
400375 325
400380 325
400385 325
400390 325
400395 325
400400 325
400452 345
400453 345
400454 345
400498 331
400510 26, 476
400513 721
400515 26
400516 296
400517 296
400518 296
400519 296
400520 284
400521 303
400522 296
400523 296
400524 296
400525 284
400526 296
400527 296
400528 296
400529 296
400530 284
400531 343
400532 343
400533 343
400534 343
400535 284
400536 343
400537 343
400538 343
400539 343
400540 284
400541 343
400542 343
400543 343
400544 343
400545 284
400546 343
400547 343
400548 343
400549 284
400550 284
400551 285
400553 343
400554 343
400555 284
400556 343
400557 343
400558 343
400559 343
400560 305
400561 343
400562 343
400570 788
400574 297
400575 788
400598 325
400599 325
400601 324, 325
400605 342
400610 342
400615 342
400620 342
400625 342
400630 342
400635 344
400640 344
400645 344
400650 788
400655 788
400660 342
400665 342
400666 342
400667 342
400670 342
400671 342
400672 342
400673 342
400674 342
400675 342
400677 342
400678 342
400679 342
400680 342
400681 342
400682 342
400685 342
400690 788
400694 295
400695 295
400696 295, 298, 300
400698 298
400699 342
400700 309
400701 310
400706 295
400710 296
400715 305
400720 305
400725 306
400726 308
400730 306
400740 307
400742 295
400745 308
400750 308
400751 308
400752 305
400760 321
400765 321
400770 322
400774 332
400775 322
400780 322
400805 344
400810 295, 298
400811 298
400816 84
400820 84
400821 315
400822 315
400823 315
400830 597
400855 305
400860 305
400865 305
400866 305
400870 305
400896 254, 300
400897 259
400900 308
400905 342
400906 342
400915 27
400916 27
400917 27
400918 27
400920 29
400921 313
400935 284, 286
400940 317
400952 167
400953 28
400954 29
400955 28
400956 28
400960 302
400961 302
400962 302
400964 302
400965 302
400970 317
400971 317
400972 317
400974 317
400975 317
400980 183
400981 169, 183
400983 183
400987 183
400995 303
401004 331
401007 336
401008 325
401009 334
401011 306
401013 340
401018 344
401019 342
401020 295
401021 308
401022 315
401027 341
401028 308
401029 308
401032 285
401036 341
401040 286, 293
401042 294
401043 294
401044 293, 294
401047 293
401048 289
401050 287
401060 293
401061 293
401063 293
401064 293
401070 303
401075 788
401080 303
401086 335
401087 335
401088 335
401090 335
401091 335
401092 335
401093 335
401094 335
401095 335
401096 335
401097 335
401098 335
401099 335
401100 335
401101 335
401102 335
401103 335
401104 331
401105 331
401106 331
401107 331
401110 302, 415
401111 302
401112 335
401113 302
401115 335
401116 335
401120 41
401125 84
401132 329
401136 329
401137 335
401138 335
401139 338
401141 335
401142 335
401143 335
401145 305
401150 300
401155 298
401156 298
401157 298
401158 299
401159 300
401160 299, 300
401161 299, 300
401162 300
401163 299, 300
401164 299, 300
401166 300
401168 30, 297, 415, 416, 475, 476, 480, 481, 516, 519
401169 268, 297
401171 298
401175 299
401176 300
401177 300
401178 300
401179 300
401180 300
401181 299
401182 299
401183 299
401184 298
401185 298
401187 298
401188 298
401190 300
401191 300
401192 300
401193 30, 299, 335, 415, 475, 476, 516, 519
401201 300
401202 300
401203 300
401204 300
401205 284
401207 300
401208 300
401209 300
401210 307
401211 338
401215 307
401216 307
401222 337
401223 334
401230 286
401231 300
401232 300
401233 300
401234 335
401235 321
401236 335
401237 300
401238 300
401239 300
401240 742
401250 293
401251 257
401255 21
401271 286
401275 286
401280 314
401282 326
401285 284
401286 284
401288 284
401289 285
401292 290
401293 290
401294 290
401295 290
401296 290
401300 305
401305 286
401325 284, 287
401340 341
401345 341
401346 341
401347 341
401348 341
401350 268
401360 328
401365 329
401370 337
401371 332
401372 332
401373 332
401374 332
401375 332
401380 295
401381 295
401385 324
401390 305
401391 308
401393 308
401394 308
401395 308
401396 308
401405 338
401406 330
401410 415, 519
401415 328
401420 307
401443 345
401445 296
401446 296
401449 333
401450 314
401455 314

401460 476
401462 88
401463 88
401464 88
401466 476
401477 332
401478 332
401479 332
401480 321
401481 332
401482 332
401483 332
401485 321
401490 320
401493 84
401495 320
401501 322
401502 322
401511 315
401513 30
401515 310
401520 167, 314
401521 314
401522 314
401525 328
401526 328
401527 328
401528 328
401529 328
401530 329
401540 329
401541 329
401542 329
401543 329
401545 328
401546 328
401547 328
401548 329
401549 329
401551 329
401552 329
401553 328
401555 320
401562 330
401570 30
401580 287
401581 293
401583 336
401585 307
401586 305
401587 305
401588 307
401600 326
401601 326
401602 332
401603 332
401604 332
401605 332
401606 332
401607 332
401608 332
401609 332
401610 332
401611 332
401612 332
401613 332
401614 332
401615 332
401616 332
401617 332
401618 332
401619 332
401620 332, 333
401621 332, 333
401622 332, 333
401623 332
401624 332
401625 332
401626 332
401627 332
401628 332
401629 332
401630 332
401631 332
401632 332
401633 332
401634 332
401635 332
401636 332
401637 332
401638 332
401639 332
401640 332
401641 332
401642 332
401643 332
401645 332
401646 332
401647 332
401648 332
401649 332
401651 332
401652 332
401653 332
401654 332
401655 332
401658 332
401659 332
401660 332
401661 332
401662 332
401663 332
401664 332
401666 332
401667 332
401668 332
401669 332
401670 332
401671 332
401672 332
401673 788
401676 326
401692 262
401703 337
401704 338
401706 338
401715 323
401739 325
401740 325
401741 329
401742 329
401743 329
401774 495, 497, 498, 499
401777 480, 486, 487
401778 27, 480
401891 412
401944 337
401997 325
401998 325
401999 325
402000 257
402002 346
402003 346
402006 346
402007 346
402008 346
402009 346
402010 346
402014 346
402022 493
402036 346
402047 410
402048 295
402050 26, 516, 519, 574
402051 344
402054 332
402055 307
402056 311, 312
402057 312
402058 312
402063 329
402067 329
402070 311
402071 311
402072 311
402073 311
402074 311
402075 311
402076 311
402077 312
402080 311
402081 313, 490, 493
402082 311
402085 312
402090 284
402099 343
402100 306, 320, 320
402101 321
402102 321
402131 608
402133 301
402142 84
402143 84
402185 307
402190 308
402195 320
402200 307
402204 29
402216 333
402217 333
402218 333
402219 333
402220 333
402221 333
402222 333
402239 348
402300 327
402301 327
402302 327
402303 327
402304 327
402305 327
402306 327
402307 327
402308 327
402309 327
402310 327
402311 327
402312 327
402314 327
402315 327
402317 327
402318 327
402320 327
402321 327
402322 327
402323 327
402324 327
402325 327
402327 327
402328 327
402329 327
402330 327
402331 327
402332 327
402333 327
402338 327
402339 327
402340 327
402341 289
402342 327
402343 327
402345 327
402346 327
402347 327
402348 327
402349 327
402353 327
402373 327
402374 327
402375 327
402376 327
402377 327
402378 327
402379 327
402380 327
402430 285
402435 285
402455 311
402457 311
402555 285
402557 346
402558 346
402570 312
402571 329
402579 340
402580 310
402585 295
402590 299
402601 337
402602 337
402603 337
402604 337
402605 337
402606 337
402607 340
402608 340
402609 332
402610 332
402611 332
402612 332
402617 603
402619 603
402620 284
402632 515
402647 325
402655 308
402679 604
402750 28
402765 316
402770 316
402775 316
402780 316
402790 316
402807 305
402810 304
402815 304
402820 304
402850 305
402855 305
402860 305
402865 316
402870 316
402875 316
402880 316
402890 316
402895 316
402900 316
402915 316
402920 316
402925 328, 341
402930 328, 341
402935 329
402940 329
402945 353
402950 15
402954 172
402955 172
402956 329
402957 328, 341
402958 328, 341
402959 328, 341
402960 328, 341
403001 348
403002 348
403003 348
403004 348
403018 302
403021 348
403044 386
403045 386
403050 334
403051 331
403052 331
403053 334
403054 331
403055 331
403060 539
403102 296
403103 296
403115 317
403116 319
403137 343
403138 343
403139 343
403196 330
403197 330
403200 329
403201 333
403203 339
403211 490, 496, 498, 500
403219 345
403268 301
403302 328
403303 328
403316 68, 476
403317 476
403330 231
403334 321
403341 316
403342 316
403343 316
403344 476
403346 329
403347 329
403348 329
403349 329
403354 328
403360 337
403361 338
403368 299
403389 329
403390 329
403394 191
403505 335
403586 338
403590 300
403591 300
403595 300
403597 300
403598 300
403599 300
403600 300
403601 300
403602 300
403603 300
403613 327
403645 304
403662 100
403665 329
403708 295
403715 347
403719 737
403721 347
403722 347
403723 347
403724 347
403726 347
403727 347
403729 347

403791 325
403902 295, 298
403903 319
403904 319
403911 330
403914 553
403915 295
403917 329
403918 329
403919 329
403920 295
403921 348
403922 348
403923 348
403924 348
403925 275
403951 604
403980 332
403981 332
403994 297
403995 297
403996 296
403997 296
404000 336
404002 307
404004 328
404005 317
404006 295
404007 325
404008 307
404009 307
404010 317
404011 295
404012 308
404015 317
404017 335
404018 336
404020 328
404021 325
404022 336
404023 317
404025 317
404026 296
404030 317
404041 317
404042 317
404043 317
404044 317
404050 331, 474
404055 331
404060 331
404065 331
404070 331
404075 331
404080 369
404081 369
404082 369
404083 369
404084 369
404085 331
404086 369
404087 369
404088 369
404089 369
404090 331
404093 369
404095 331
404096 317
404100 331
404101 259
404105 331
404107 591, 592, 603
404110 331
404115 331
404120 331
404125 331
404130 331
404140 331
404141 722, 725
404145 331
404150 331
404155 331
404160 331
404165 331
404166 303
404170 331
404173 331
404175 331
404176 348
404177 348
404180 331
404185 331
404190 331
404195 331
404200 331
404201 329
404205 331
404210 319
404215 319
404220 319
404221 319
404223 295
404225 319
404230 319
404231 307
404264 460, 466
404280 295
404285 295
404290 295
404295 295
404305 317
404315 331
404320 331
404325 331
404330 331
404335 331
404340 331
404345 331
404350 331
404355 331
404360 334
404361 334
404365 334
404370 334
404373 344
404375 344
404380 167
404382 166
404385 265
404390 265
404400 307
404405 308
404408 295
404411 257
404415 365
404420 257
404425 295
404430 506
404435 295
404436 295
404437 295
404440 26
404445 310
404446 310
404450 29
404452 332
404454 295
404455 270
404470 320
404475 320
404500 332
404501 332
404502 332
404503 332
404504 332
404505 332
404506 332
404507 332
404508 332
404509 332
404510 332
404511 332
404513 332
404514 332
404515 332
404516 332
404517 332
404518 332
404519 332
404520 332
404521 332
404530 314
404536 326
404537 326
404539 326
404540 314
404545 314
404550 307
404551 307
404561 336
404562 336
404563 336
404564 336
404568 305
404577 252
404578 252
404624 190
404626 289
404633 325
404670 331
404675 305
404681 329
404690 317
404710 28
404711 331
404715 28
404729 321
404730 336
404731 336
404732 336
404733 336
404735 336
404740 336
404745 336
404746 336
404747 336
404749 336
404752 336
404753 336
404754 336
404755 292
404757 292
404758 125
404759 125, 298
404760 292
404761 292
404762 292
404763 292
404764 292
404771 338
404782 342
404784 342
404785 342
404786 316
404794 253
404796 253
404802 316
404803 316
404804 316
404805 316
404806 316
404808 316
404809 316
404810 316
404811 316
404825 302
404827 302
404943 331
404955 325
405000 325
405002 322
405003 325
405004 325
405005 322
405006 325
405007 348
405008 348
405010 325
405011 325
405015 325
405016 325
405017 325
405018 325
405020 325
405021 325
405022 325
405023 325
405024 322
405025 325
405026 325
405027 325
405028 325
405029 325
405030 325
405031 325
405032 325
405033 325
405034 325
405035 325
405036 325
405037 325
405038 325
405039 325
405040 322
405051 340
405052 339
405053 340
405054 339
405055 340
405056 339
405057 339
405058 339
405059 339
405060 339
405061 340
405062 340
405063 340
405064 340
405065 333
405066 333
405067 333
405068 333
405069 333
405070 333
405071 333
405072 333
405075 340
405100 346
405101 338
405114 298
405117 333
405118 333
405119 333
405120 333
405121 333
405122 333
405123 333
405124 333
405125 333
405126 333
405127 333
405128 333
405129 333
405130 333
405131 333
405132 339
405133 339
405135 339
405136 339
405137 339
405138 339
405139 339
405140 339
405141 333
405142 337
405146 337
405160 319
405207 297
405403 337
405404 337
405405 337
405406 337
405407 337
405408 337
405409 337
405410 337
405411 337
405412 337
405413 337
405414 337
405415 337
405416 337
405417 337
405418 337
405419 337
405420 337
405421 337
405422 337
405423 337
405424 337
405425 337
405426 337
405427 337
405428 337
405429 337
405430 337
405431 337
405432 337
405433 337
405434 337
405435 337
405436 337
405437 337
405438 337
405439 337
405440 337
405441 337
405442 337
405443 337
405444 337
405445 337
405446 337
405447 337
405448 337
405449 337
405450 337
405451 337
405452 337
405453 337
405454 337
405456 337
405457 337
405458 337
405459 337
405460 337
405461 337
405462 337
405463 337
405464 337
405465 337

405466 337
405467 337
405468 337
405469 337
405470 337
405508 345
405514 297
405548 303
405557 329
405562 333
405589 337
405590 337
405591 337
405593 339
405594 340
405595 333
405596 333
405597 333
405598 333
405599 333
405600 333
405601 333
405602 333
405603 333
405605 333
405667 341
405668 341
405669 341
405670 341
405671 341
405672 341
405673 341
405800 329
405910 345
406001 337
406002 337
406003 337
406004 337
406005 337
406006 338
406007 338
406008 326, 338
406009 339
406010 339
406011 328
406015 338
406019 338
406020 338
406021 338
406022 338
406023 338
406024 338
406025 338
406026 338
406027 338
406028 338
406029 338
406030 338
406031 338
406032 338
406033 338
406034 338
406035 338
406036 338
406037 338
406038 338
406039 338
406040 338
406041 338
406042 338
406043 338
406044 338
406045 338
406046 338
406047 338
406048 338
406049 338
406050 338
406051 338
406052 338
406054 338
406055 338
406056 338
406057 338
406058 333
406059 333
406060 333
406061 333
406062 333
406063 333
406064 333
406065 333
406066 333
406067 333
406068 333
406069 333
406070 333
406071 333
406072 333
406073 333
406074 333
406075 333
406076 333
406077 333
406078 333
406079 333
406080 333
406081 333
406082 333
406083 333
406084 333
406085 333
406086 333
406087 333
406088 333
406089 333
406090 333
406091 333
406092 333
406093 333
406094 333
406095 333
406096 339
406098 339
406099 333
406104 319
406105 319
406106 319
406127 339
406128 339
406129 339
406130 339
406131 339
406132 339
406133 339
406134 339
406135 339
406136 339
406137 339
406138 339
406139 339
406140 339
406141 340
406142 340
406143 340
406144 340
406145 339
406146 339
406147 339
406148 339
406149 339
406150 339
406157 289
406158 289
406184 328
406185 328, 341
406200 344
406201 344
406202 344
406203 344
406204 344
406205 344
406206 344
406207 344
406208 344
406209 344
406211 344
406232 317
406290 253
406293 342
406317 332
406392 340
406411 289
406412 289
406413 289
406423 288
406424 288
406425 288
406426 288
406427 288
406428 288
406433 288
406434 288
406435 288
406445 495, 497, 498
406450 333
406451 333
406452 328
406487 329
406497 333
406498 333
406499 333
406509 304, 345
406549 481, 482, 483
406550 481, 483
406553 788
406555 622, 623, 629, 630, 637, 639, 643, 645, 648, 650
406601 295
406611 323
406612 323
406613 323
406614 788
406615 290
406616 290
406617 290
406621 292
406622 292
406624 292
406626 292
406637 323
406639 304, 345
406643 306
406644 325
406645 308
406650 482
406674 325
406675 325
406676 325
406677 325
406678 325
406679 325
406680 325
406681 325
406682 325
406683 325
406684 325
406685 325
406686 325
406687 325
406688 325
406689 325
406690 325
406691 325
406692 325
406693 325
406694 325
406695 325
406696 325
406697 333
406698 325
406699 325
406706 319
406707 319
406708 319
406710 328
406711 328
406712 328
406713 328
406714 328
406715 328
406716 344
406719 325
406720 325
406721 325
406722 325
406723 325
406724 325
406725 325
406726 325
406727 325
406728 325
406729 325
406730 325
406731 325
406732 325
406733 325
406734 325
406735 325
406737 325
406738 325
406739 325
406740 325
406741 325
406742 325
406743 325
406744 325
406745 325
406746 325
406747 325
406748 325
406749 325
406750 325
406751 325
406752 325
406753 325
406754 325
406755 325
406756 325
406757 325
406758 325
406759 325
406760 325
406761 325
406762 325
406763 325
406764 325
406765 325
406803 309
406836 319
406837 319
406838 319
406840 253
406845 304
406846 304
406847 304
406856 258
406858 309
406862 286
406863 309
406865 317
406866 317
406867 317
406868 317
406871 320
406874 296
406875 320
406877 308
406878 287
406879 354
406880 308
406882 296
406884 311
406888 341
406894 307
406895 314
406896 320
406899 341
406903 305
406905 287
406906 287
406907 287
406908 287
406909 287
406915 307
406916 314
406923 258
406924 321
406928 314
406929 314
406934 84, 315
406941 310
406943 312
406955 320
406956 320
406958 320
406961 344
406962 344
406963 788
406967 341
406968 341
406969 341
406970 341
406971 294
406980 287
406981 321
406983 311
406984 341
406985 341
406986 341
406987 341
406988 341
406992 307
406993 295
406994 26, 415, 562, 564
406995 305
406996 27, 600, 603
406997 28
406999 328
407000 325
407001 308
407005 495, 497, 498, 499
407006 310
407007 257
407008 284
407010 295
407011 307
407012 322
407013 328
407014 320
407019 310
407020 341
407022 295
407024 315
407025 334
407026 334
407027 334
407029 334
407030 334
407032 334

407033 334
407034 334
407036 334
407037 334
407038 334
407039 334
407040 334
407043 308
407044 295
407046 341
407048 86
407049 308
407050 309
407051 309
407052 309
407055 140, 142, 145, 152
407056 140, 142, 145, 152
407058 140, 142, 145, 152
407059 331
407061 331
407062 331
407063 331
407064 331
407065 331
407071 301
407076 325
407077 325
407078 325
407079 325
407080 325
407081 341
407082 341
407083 341
407084 325
407085 325
407086 331
407087 324
407088 324
407089 324
407090 324
407091 324
407092 324
407093 324
407094 324
407095 324
407100 317
407106 334
407113 300
407115 325
407116 325
407122 325
407123 258
407124 317
407125 317
407126 344
407129 345
407134 295
407137 299
407139 252
407141 321
407145 298
407146 298
407147 328
407148 328
407149 299
407150 304
407165 321
407169 331
407176 331
407177 331
407184 328
407185 26
407186 344
407187 344
407188 345
407189 345
407190 345
407191 345
407192 345
407194 341
407195 341
407196 341
407198 341
407201 345
407202 345
407204 345
407206 296
407210 324
407211 324
407212 324
407213 324
407214 324
407215 324
407216 324
407217 324
407218 324, 325
407219 324
407220 324
407221 324
407222 324
407223 324
407224 324
407225 324
407226 324
407227 324
407228 324
407229 324
407230 324
407231 324
407232 324
407233 324
407234 324
407235 324
407236 324
407237 324
407238 324
407239 324
407240 324
407241 324
407242 324
407243 324
407244 324
407245 324
407246 324
407247 324
407248 324
407249 324
407250 324
407251 324
407252 324
407253 324
407254 324
407255 324
407256 324
407257 324
407258 324
407259 324
407260 324
407261 324
407262 324
407263 324
407280 343
407281 343
407282 343
407283 343
407292 331
407293 331
407294 331
407300 84
407302 84
407303 84
407327 301
407412 331
407441 325
407532 296
407554 341
407578 393, 394
407600 339
407601 339
407602 339
407603 339
407604 339
407605 339
407606 339
407607 339
407608 339
407609 339
407610 339
407611 339
407612 339
407613 339
407614 339
407615 339
407616 339
407617 339
407618 339
407619 339
407620 339
407621 339
407622 339
407623 339
407624 340
407625 340
407626 340
407627 340
407628 340
407629 340
407630 340
407631 339
407632 339
407633 339
407634 339
407635 339
407636 339
407637 339
407638 339
407640 339
407641 339
407642 339
407643 339
407653 540
407656 326
407681 345
407745 252
407771 345
407793 331
407806 295, 298, 300
407808 332
407809 332
407810 332
407811 332
407812 332
407813 332
407814 332
407815 332
407816 332
407818 337
407820 339
407821 340
407822 340
407827 300
407828 300
407829 300
407830 300
407831 300
407832 300
407833 300
407834 298, 300
407835 300
407836 300
407837 300
407838 300
407839 300
407840 300
407841 300
407842 300
407850 315
407857 301
407890 315
407894 344
407901 331
407902 331
407903 293
407904 305
407908 288
407909 289, 294
407910 289, 294
407928 268
407932 284
407933 284
407936 344
407943 334
407945 23
407962 330
407985 167
407995 563
407996 313
407998 328
408004 296
408005 788
408006 788
408009 299
408021 316
408022 316
408024 285
408027 258
408035 297
408111 145, 152
408120 319
408121 319
408122 319
408123 319
408147 29, 95
408200 253
408219 307
408220 311
408228 307
408229 307
408232 28
408233 27
408234 26
408235 742
408236 317
408237 287
408239 287
408240 287
408242 345
408245 253
408249 298
408250 325
408251 788
408253 28
408254 28
408259 26
408408 599
408603 591, 592
408660 316
408661 316
408662 316
408663 316
408664 316
408702 329
408775 322
408790 306
408791 306
408800 101
408802 731
408803 731
408806 731
408809 731, 732
408814 326
408847 325
408856 287
408857 731
408858 339
408859 339
408860 339
408861 339
408862 339
408863 339
408864 339
408865 340
408866 340
408925 29
408926 320
408991 344
409002 322
409050 335
409100 257
409102 311
409151 98
409173 724, 726
409200 297
409201 297
409334 308
409367 307
409449 333
409450 333
409451 339
409452 340
409487 328
409540 344
409601 289
409627 336
409672 344
409700 345
409701 345
409702 345
409703 345
409704 345
409705 345
409706 345
409800 345
409801 345
409802 345
409803 345
409804 345
409805 345
409810 330
409811 330
409812 330
409813 330
409814 330
409815 330
409816 330
409817 330
409818 330
409819 330
409820 330
409822 324
409824 324
409828 330
409830 599, 603
409833 345
409834 345
409838 330
409849 330
409872 788
409884 328
409885 306
409900 334
409901 334
409902 334
409903 334
409904 334
409905 334
409906 334
409907 334
409908 334
409909 334

409910 334
409911 334
409912 334
409913 334
409914 334
409915 334
409916 334
409917 334
409918 334
409919 334
409920 334
409921 334
409922 334
409923 334
409924 334
409925 334
409926 334
409927 334
409928 334
409929 334
409930 334
409931 334
409932 334
409933 334
409935 334
409936 334
409937 334
409938 334
409939 334
409940 334
409941 344
409942 334
409943 334
409944 334
409945 334
409946 334
409947 334
409948 334
409949 334
409950 334
409951 334
409952 334
409953 334
409954 334
409955 334
409974 340
409981 263
409985 263
409986 270
409991 303
410200 304
410267 327
410288 608
410289 608
410770 268
412688 722
412764 384
412765 384
413720 347
460549 484
498536 747, 750
498733 750
500001 167
500003 12
500005 13
500015 263
500017 12
500022 162
500030 162
500031 167
500032 163
500033 164
500034 162, 462, 463, 470, 471
500035 162
500040 162
500045 162
500047 164
500048 164
500050 166
500051 166
500052 166
500054 166
500055 167
500060 10
500061 164
500064 10
500065 11
500066 167
500067 167
500070 12
500075 12
500080 12
500085 12
500089 12
500090 12
500095 12
500100 13
500101 166
500107 293
500118 162
500144 165
500145 165
500154 166
500156 166
500157 164
500159 165
500160 165
500161 165
500162 166
500163 166
500164 165
500165 166
500166 167
500167 166
500168 166
500170 165
500171 165
500172 166
500174 166
500175 163
500176 164
500177 164
500178 166
500180 13
500183 555
500184 555
500185 10
500188 555
500189 555
500190 11
500192 167
500193 167
500194 165
500195 555
500196 555
500197 555
500198 555
500203 164
500209 460, 461
500213 166
500224 549
500229 676, 697
500239 166
500310 15
500315 15
500325 10
500335 11
500340 597
500355 100
500360 13
500365 15
500385 12
500390 358
500391 358
500405 11
500410 12
500415 12
500420 10
500421 10
500422 14
500425 13
500430 13
500435 162
500516 462, 470
500535 166
500539 396
500552 357
500554 13
500556 163
500570 12
500571 11
500572 11
500580 166
500586 313
500592 11
500610 678
500798 165
500801 166
501300 359
501440 163
501540 162
501541 162
501555 393
501652 164
502141 163
502142 163
502248 164
503305 394
503310 467
503610 460
504003 13
504770 14
505009 163
505130 14
505131 14
505500 461, 463, 471
506113 490, 491, 493
506300 398
507548 13
5560QT 759
5609QT 759
600002 94
600005 86
600012 86
600025 96
600026 95
600027 97
600030 91
600035 91
600041 94
600044 95
600051 95
600057 85
600059 84
600060 84
600062 93
600064 94
600065 94
600070 601
600071 163
600085 85
600091 95
600092 95
600096 95
600100 96
600101 96
600115 92
600118 81, 722, 724, 725
600125 86
600140 89
600146 87, 476
600149 87, 475
600150 87, 475
600151 88
600153 88, 742
600155 601
600157 98
600158 98
600160 86
600185 95
600186 94
600187 95
600200 94
600201 92
600209 602
600220 474
600235 89
600240 89
600253 60, 586, 588
600254 60, 586, 588
600256 480, 481
600257 480, 481
600268 88
600270 726
600309 90, 512
600311 125
600375 648
600403 601
600459 87
600490 95
600505 474
600530 90, 513
600536 86
600606 526
600607 526
600608 526
600666 415
600667 518
600744 86
600800 96
600801 91
600803 91
600804 91
600805 91
600811 91
600812 91
600813 91
600820 91
600835 92
600836 92
600837 92
600841 92
600842 92
600845 92
600847 92
600848 92
600849 92
600852 92
600855 93
600856 93
600858 96
600859 93
600860 93
600861 93
600862 93
600954 653
600991 568
601145 96
601146 599, 603, 604, 605
601200 127
601216 707
601235 130
601236 130
601254 41
601450 91
601578 86
601581 95
601582 95
601710 127
601770 85
602001 602
602213 127
602230 95
602236 88
602243 89
602248 88, 481
602253 85
602254 86, 475
602260 86, 475
602524 93
602545 90
602548 162
603114 90
603210 596
603230 94
603240 127
603294 99
603347 95
603442 90
603446 98
603557 99
603558 98, 725
603559 481
603595 90
603603 495, 496
603774 127
603808 499
603971 95
603997 303
603998 96
603999 599
604001 91
604002 91
604007 601
604020 488
604021 488
604022 488
604023 488
604030 488
604031 488
604134 89
604141 391
604401 126
604442 488
604452 601
604455 98
604459 98, 724
604490 84
604512 584
604594 495
604700 90
605101 99
605104 99
605112 88
605119 97
605124 127
605213 721
605265 726
605380 722, 725
605400 404
605484 459
605511 165
605512 99
605816 647
605887 86
606002 101
606003 101
606054 98
606145 94
606154 99
606173 96
606334 528
606517 549
606563 530
606620 462, 463, 470, 471
606654 131
606662 90
606800 91
606802 91

606805 ... 91
606806 ... 91
606807 ... 91
606816 ... 91
606817 ... 91
606913 ... 93
607001 ... 84
607006 ... 84
607007 ... 84
607008 ... 84
607043 ... 301
607400 ... 608
607402 ... 608
607403 ... 608
607404 ... 608
607891 ... 125
607893 ... 125
607894 ... 124
607895 ... 124
607897 ... 124
607898 ... 124
607899 ... 124
607900 ... 124
608200 ... 96
608202 ... 94
608204 ... 589, 591
608220 ... 94
608223 ... 94
608225 ... 94
608228 ... 96
608237 ... 95, 591
608309 ... 96
608333 ... 97
608334 ... 97
608335 ... 97
608339 ... 97
608340 ... 97
608341 ... 97
608342 ... 97
608351 ... 97
608352 ... 97
608353 ... 97
608500 ... 101
608502 ... 126
608517 ... 99
608520 ... 301
608585 ... 89
608609 ... 678
608751 ... 94
608865 ... 507
609081 ... 99
609083 ... 99
609084 ... 99
609087 ... 98, 725
609090 ... 99
609091 ... 99
609093 ... 99
609094 ... 99
609095 ... 99
609096 ... 98, 724
609515 ... 96
609605 ... 127
609641 ... 127
609652 ... 301
609669 ... 127
612206 ... 375
612301 ... 531
640636 ... 365
700001 ... 190
700006 ... 139, 190
700010 ... 191
700011 ... 191
700012 ... 189
700014 ... 191
700016 ... 191
700018 ... 189
700020 ... 189
700022 ... 312
700025 ... 191
700029 ... 189
700030 ... 189
700038 ... 190
700040 ... 191
700043 ... 191
700044 ... 190
700045 ... 191
700047 ... 190
700050 ... 188
700050Q ... 188
700055 ... 189
700060 ... 189
700062 ... 189
700063 ... 189
700064 ... 189
700070 ... 191
700074 ... 189
700076 ... 189
700090 ... 190
700091 ... 190
700092 ... 190
700095 ... 190
700101 ... 372, 393
700105 ... 188
700110 ... 188
700115 ... 186
700120 ... 186
700121 ... 186
700123 ... 191
700130 ... 189
700131 ... 189
700146 ... 147, 148
700154 ... 186
700192 ... 190
700193 ... 190
700200 ... 190
700205 ... 190
700210 ... 190
700215 ... 191
700450 ... 188
701251 ... 190
701445 ... 189
703650 ... 190
704112 ... 188
704471 ... 191
800001 ... 306, 320, 408
800002 ... 306, 320
800004 ... 65
800005 ... 140, 142, 306, 320
800007 ... 746
800008 ... 746
800010 ... 320
800011 ... 516
800016 ... 303
800020 ... 18
800021 ... 18
800023 ... 41
800024 ... 271
800029 ... 35
800030 ... 410
800035 ... 22, 476, 616
800040 ... 22, 411
800045 ... 22
800050 ... 22, 516, 519
800060 ... 24
800063 ... 457
800080 ... 18
800084 ... 18
800086 ... 18
800087 ... 18
800088 ... 40
800095 ... 306, 320, 320
800100 ... 306, 320
800102 ... 94
800105 ... 306, 308, 320
800110 ... 320
800111 ... 308
800112 ... 308
800125 ... 23, 415
800127 ... 612
800133 ... 644
800135 ... 516, 517, 519
800136 ... 23
800141 ... 25
800145 ... 24, 411, 415
800147 ... 25
800148 ... 24
800149 ... 24
800158 ... 37
800159 ... 37
800160 ... 24, 410
800163 ... 722
800165 ... 24
800170 ... 24, 474
800172 ... 131
800175 ... 518, 519
800180 ... 24
800184 ... 32
800185 ... 25
800190 ... 411
800191 ... 34, 416
800193 ... 271
800195 ... 411, 415
800200 ... 33, 411, 415
800202 ... 410
800203 ... 46
800204 ... 46
800205 ... 38
800208 ... 722, 725
800209 ... 722, 725
800210 ... 38
800211 ... 722, 725
800215 ... 38
800220 ... 38
800225 ... 40
800230 ... 40
800235 ... 40
800240 ... 40
800260 ... 46, 516, 517, 519, 520
800265 ... 46, 516, 517, 519, 520
800268 ... 385
800271 ... 52
800277 ... 598
800280 ... 35
800291 ... 520
800295 ... 34, 410
800297 ... 641
800300 ... 34, 410
800301 ... 66
800303 ... 66
800305 ... 34, 410, 474
800310 ... 34, 410
800311 ... 33
800312 ... 33
800315 ... 54
800320 ... 54
800321 ... 46
800322 ... 46
800325 ... 54
800330 ... 54
800333 ... 37
800335 ... 37, 474, 476
800340 ... 37, 474, 476
800345 ... 37, 476
800355 ... 37
800360 ... 37
800365 ... 37
800370 ... 41
800376 ... 44
800377 ... 44
800378 ... 44
800385 ... 44
800390 ... 44
800391 ... 44
800392 ... 44
800393 ... 44
800394 ... 44
800405 ... 45
800410 ... 45
800413 ... 516
800414 ... 516
800430 ... 46
800438 ... 46
800439 ... 46
800440 ... 46
800450 ... 607
800461 ... 52
800462 ... 52
800470 ... 53
800475 ... 53
800490 ... 56
800495 ... 56
800504 ... 560
800505 ... 57
800506 ... 56
800507 ... 56
800514 ... 145
800515 ... 72
800525 ... 72
800530 ... 72
800550 ... 69
800555 ... 69
800560 ... 69
800565 ... 41
800568 ... 72
800576 ... 560
800578 ... 76
800580 ... 70
800585 ... 65
800587 ... 410
800588 ... 410
800595 ... 65, 410
800596 ... 410
800597 ... 65, 410
800600 ... 77
800605 ... 77
800610 ... 77
800611 ... 77
800655 ... 33
800660 ... 33
800665 ... 72
800685 ... 72
800688 ... 68
800689 ... 68
800690 ... 68, 476
800695 ... 476
800700 ... 68, 476
800705 ... 68, 474, 476
800710 ... 474, 476
800720 ... 73
800725 ... 73
800735 ... 73
800736 ... 73
800738 ... 73
800739 ... 51
800744 ... 76
800760 ... 24
800766 ... 410
800770 ... 516, 517, 519
800771 ... 515
800775 ... 516, 517, 519
800785 ... 51, 562, 564
800791 ... 138, 140, 141
800792 ... 139, 140, 141
800792E ... 139
800793 ... 138, 139, 140
800793E ... 138
800794 ... 139, 140, 141
800797 ... 138, 140, 141
800797E ... 138
800799 ... 138, 141
800800 ... 78
800801 ... 78
800807 ... 139
800809 ... 139
800810 ... 78
800812 ... 139
800815 ... 145
800816 ... 141, 142
800820 ... 22
800825 ... 306, 308, 320
800830 ... 306, 320
800835 ... 306, 320
800840 ... 18
800845 ... 33
800847 ... 97
800848 ... 97
800849 ... 599
800850 ... 33
800855 ... 599
800860 ... 599
800861 ... 599
800862 ... 599
800863 ... 599
800864 ... 599
800867 ... 589
800868 ... 589
800870 ... 97, 596
800872 ... 600
800881 ... 600
800905 ... 592, 593, 594, 595, 596
800908 ... 590
800910 ... 60, 586, 588
800915 ... 60, 586, 588
800916 ... 60, 590
800917 ... 60, 590
800926 ... 509
800930 ... 60, 589, 590
800935 ... 60, 589, 590
800940 ... 474, 476, 589
800945 ... 474, 476, 589
800951 ... 589
800955 ... 597
800958 ... 481, 482
800959 ... 481, 482
800960 ... 597
800965 ... 597
800970 ... 59, 597
800975 ... 596
800980 ... 596
800982 ... 94
800990 ... 597
800991 ... 596
800995 ... 597
801001 ... 18
801002 ... 26
801005 ... 563
801006 ... 53
801020 ... 51, 560
801027 ... 76
801029 ... 76
801030 ... 596
801049 ... 750
801050 ... 28
801056 ... 409
801070 ... 24
801076 ... 519
801077 ... 519
801078 ... 74
801082 ... 755
801085 ... 61
801086 ... 61
801090 ... 61
801091 ... 61
801100 ... 74, 518, 519
801101 ... 519
801104 ... 75
801105 ... 80
801109 ... 273
801110 ... 80

801115 25
801120 ..... 20, 519
801121 19
801123 464
801124 608
801125 ..... 410, 475, 516, 517, 519
801130 ..... 474, 476
801135 80
801145 20
801146 273
801148 ..... 331, 596
801161 589
801162 589
801170 ..... 19, 491
801175 ..... 20, 474, 474, 476, 747
801181 514
801182 514
801183 514
801184 514
801185 61
801186 514
801193 464
801205 80
801213 590
801214 590
801220 ..... 19, 410, 410
801225 ..... 19, 135, 747
801231 52
801246 ..... 65, 411
801249 411
801250 580
801251 580
801252 ..... 79, 580
801253 ..... 58, 580, 580
801254 580
801255 580
801256 ..... 79, 580
801257 580
801258 ..... 58, 582
801259 582
801260 ..... 79, 574
801261 574
801262 574
801263 574
801264 574
801265 ..... 58, 577, 578, 579, 579
801266 574
801267 ..... 58, 583
801269 35
801271 62
801272 80
801284 ..... 20, 761, 761
801300 55
801301 55
801302 ..... 571, 572
801303 ..... 55, 572
801306 601
801310 596
801320 21
801330 ..... 35, 416
801331 416
801332 65
801333 416
801337 606
801338 21
801349 411
801355 77
801356 77
801360 24
801361 ..... 24, 410
801362 24
801363 24
801365 742
801370 ..... 742, 747
801375 22
801376 22
801377 ..... 19, 479, 516, 526, 580
801378 20
801379 21
801380 ..... 20, 584
801381 ..... 19, 517, 519, 520, 520
801382 21
801383 21
801384 ..... 19, 411
801385 21
801386 21
801387 19
801388 21
801389 21
801390 21
801391 21
801392 19
801393 21
801401 416
801418 ..... 41, 506, 507
801420 517
801421 519
801422 ..... 516, 517, 519, 520
801426 516
801430 47
801431 267
801435 ..... 75, 519
801439 516
801444 22
801447 516
801448 516
801449 516
801451 ..... 28, 516
801457 516
801459 28
801462 517
801463 607
801465 267
801466 516
801478 594
801479 22
801480 22
801481 22
801505 577
801506 ..... 474, 476, 518, 590
801510 ..... 578, 579
801514 392
801515 ..... 577, 578, 579
801516 404
801520 ..... 577, 578, 579
801521 ..... 58, 584
801522 584
801523 584
801525 22
801526 22
801527 22
801528 22
801529 22
801530 22
801531 22
801532 22
801533 22
801534 22
801535 22
801539 69
801540 69
801541 490
801542 ..... 490, 491, 492, 493
801570 19
801571 ..... 19, 515
801572 ..... 19, 474
801573 19
801574 ..... 19, 525, 574
801575 ..... 19, 415
801576 19
801577 ..... 20, 516, 517, 519, 580, 584
801579 20
801582 21
801583 20
801584 20
801585 21
801586 21
801587 21
801590 34
801591 34
801593 81
801594 81
801598 78
801600 40
801601 40
801605 25
801610 40
801628 446
801630 ..... 638, 639, 682, 682
801640 742
801648 501
801658 ..... 481, 481
801668 ..... 331, 596
801674 527
801685 596
801688 70
801698 73
801709 25
801710 313
801713 ..... 611, 612
801715 76
801732 ..... 382, 383
801734 ..... 406, 407
801735 383
801736 ..... 382, 383
801745 578
801750 ..... 577, 578, 579
801774 36
801781 ..... 456, 457
801795 75
801801 381
801802 381
801803 158
801804 39
801805 39
801806 380
801807 ..... 380, 381, 404
801808 ..... 380, 381, 404, 406, 407
801809 380
801810 39
801812 380
801817 20
801818 19
801819 19
801820 19
801821 19
801822 19
801823 ..... 19, 312
801824 20
801825 19
801826 19
801827 ..... 20, 135
801828 20
801829 20
801830 20
801831 20
801832 20
801833 20
801834 20
801835 19
801836 20
801837 20
801840 20
801841 21
801843 21
801844 21
801845 21
801846 21
801847 20
801860 56
801861 526
801862 526
801865 29
801882 ..... 79, 577, 578, 579
801886 53
801921 ..... 380, 381, 404
801922 ..... 380, 381, 404
801924 ..... 380, 381, 404
801929 ..... 592, 593, 594, 595, 596
801940 23
801970 22
801976 747
801980 757
801981 757
801984 23
801985 481
801988 ..... 39, 484
801989 ..... 68, 480, 485
801990 ..... 68, 480, 485
801991 478
802000 416
802001 69
802012 593
802015 516
802033 404
802045 411
802046 411
802049 411
802055 584
802056 404
802066 ..... 742, 751
802072 43
802073 43
802075 23
802078 757
802080 742
802081 742
802082 ..... 742, 747
802083 ..... 742, 747
802084 ..... 742, 747
802086 ..... 722, 725
802090 271
802094 538
802099 ..... 18, 320
802100 63
802101 63
802102 80
802105 ..... 517, 519
802106 484
802122 480
802134 ..... 37, 476
802141 475
802142 475
802143 475
802145 475
802146 475
802147 475
802148 475
802149 475
802150 475
802152 475
802160 475
802161 475
802162 475
802163 25
802166 474
802167 474
802168 474
802169 474
802170 474
802173 475
802185 474
802186 474
802187 ..... 87, 476
802188 87
802195 41
802208 746
802220 70
802224 492
802225 23
802226 43
802228 43
802229 43
802230 43
802235 ..... 480, 481, 481
802237 ..... 479, 480, 486
802240 ..... 479, 480, 486
802241 ..... 480, 486, 487
802248 68
802254 531
802255 64
802258 64
802263 602
802265 ..... 742, 747, 750
802269 24
802271 23
802272 23
802273 23
802275 747
802277 497
802280 747
802285 747
802293 537
802294 537
802295 43
802297 537
802300 43
802302 411
802305 ..... 747, 750
802310 ..... 460, 466
802312 70
802335 21
802343 569
802344 569
802346 ..... 20, 135, 139, 144
802348 20
802349 ..... 139, 140, 142, 144, 145, 148, 155
802350 21
802351 21
802352 ..... 19, 416
802371 411
802375 41
802378 653
802382 537
802383 538
802396 746
802397 746
802398 746
802400 583
802415 ..... 48, 518
802430 563
802435 60
802436 ..... 60, 588
802444 516
802445 516
802446 516
802447 ..... 515, 516
802448 516
802449 516
802450 516
802451 516
802453 516
802460 ..... 599, 603, 604, 605
802465 600
802466 600
802467 600
802470 415
802471 410
802475 415
802481 404
802503 50
802510 45
802511 45
802514 479
802530 24
802533 599

802536....73
802544....587, 589
802545....587, 589
802546....587, 589
802548....587, 589
802592....542
802606....52
802607....589
802608....589
802609....589
802612....593, 594
802621....140, 142, 145, 148
802623....436, 439
802630....73
802631....95, 593, 594
802645....73
802702....50
802703....50
802706....746
802709....406
802725....140
802776....518
802885....636, 637, 638, 639
802928....393
802929....484
802931....393, 395, 396, 398
802945....393
802956....509
803000....48
803001....48
803007....21
803009....43
803010....39
803012....39
803016....411, 415
803018....564
803019....563, 564
803020....742
803025....519
803027....564
803032....47
803040....39
803045....39
803053....726
803055....478, 485
803060....478
803065....478
803080....483
803085....481, 482, 483, 484
803090....479, 486
803095....479
803105....480, 481, 485, 486, 487
803106....576
803107....576
803109....576
803110....480, 481, 485, 486, 487
803111....576
803112....576
803115....486
803121....576
803123....576
803124....576
803131....576
803135....353
803145....576
803167....601
803178....576
803179....576
803203....432, 434, 438, 442, 450
803204....433, 435, 437, 439
803206....433, 435, 437, 439
803213....433, 435
803214....433, 435
803215....30, 519
803216....433, 435, 437, 439
803218....433
803221....55
803231....457
803232....457
803233....457
803255....411
803256....421, 422, 423, 426, 428, 429, 441, 443, 445, 449, 451, 453, 455
803270....411
803276....433, 435
803286....433, 434, 435, 452
803290....411
803292....433, 435, 453
803310....66, 411
803311....498
803315....66, 411
803327....414
803331....584
803332....61
803333....416
803334....416
803336....416
803341....151, 152
803350....23
803351....58, 576
803353....520
803365....33
803370....33
803375....33, 411
803376....266
803380....33, 411
803401....517
803402....517
803403....517
803404....517
803415....42
803420....42
803425....42
803431....406, 407
803451....45
803452....45
803460....47
803465....47
803470....48, 518
803474....78
803491....39, 484
803492....39, 484
803493....39
803494....39
803496....480, 481, 485
803510....23
803529....757
803530....25
803560....520
803567....606
803568....606
803595....181
803602....492
803603....492
803629....500
803633....726
803634....726
803637....726
803638....726
803640....571
803641....60, 588
803642....60, 588
803648....726
803649....726
803651....315
803654....726
803657....726
803659....726
803662....726
803663....726
803665....55
803666....411
803668....726
803669....742
803674....726
803678....635
803683....726
803684....726
803689....726
803691....726
803692....726
803694....460
803697....89
803699....726
803705....29, 605
803720....24
803730....720
803735....67, 416
803743....726
803744....726
803754....411
803757....720
803770....33
803775....33
803777....19, 519
803780....31
803785....31
803802....509
803803....509
803805....35
803811....550
803812....550
803816....66, 415
803820....66
803825....302
803832....474
803833....474
803834....474
803835....474
803836....474
803837....474
803838....474
803839....474
803840....474
803841....474
803842....474
803843....474
803844....474
803855....580
803860....580
803881....520
803882....520
803884....520
803940....48
803945....315
803958....568
803988....550
803990....331, 596
803996....416
803998....62
804003....525
804004....49, 525, 527
804005....410
804006....24
804010....410
804011....751
804012....754
804015....599
804016....299
804017....298
804022....410
804026....25
804031....506, 507
804032....597
804033....42
804034....42
804045....25
804049....263
804050....53
804051....563
804052....76, 563
804054....41, 492, 493
804061....22
804073....491
804074....491
804075....491
804085....786
804100....266
804101....69
804103....41
804109....601, 602, 603
804111....509
804112....525, 527
804116....509
804118....509
804121....562
804122....562
804123....562
804124....562
804125....562
804129....509
804130....509
804131....509
804140....614, 672
804143....626, 632, 633, 647, 656
804145....672
804146....672
804157....672
804158....626
804160....96
804163....380, 381, 406, 407
804164....380
804167....380
804168....384
804169....384
804170....384
804172....384
804173....384
804174....751, 754
804175E....384
804177....600
804180....382
804189....626, 647
804195....642, 643
804196....636, 637, 638, 639
804197....636, 637, 638, 639
804198....659
804205....750
804212....495, 497, 498
804217....287
804218....18
804254....636
804276....501
804288....501
804296....385, 386, 387
804298....381
804310....48, 517
804320....409, 411
804333....722, 725
804343....537
804344....636, 637, 638, 639, 659, 690
804347....635, 636, 637, 638, 639, 659
804348....641, 642, 643, 652, 659
804351....70
804352....636, 637, 638, 639
804353....636, 637, 638, 639
804354....637, 638, 639, 690
804356....614, 636, 637, 638, 639, 675
804358....264
804360....51
804367....761
804370....761
804375....761
804376....761
804377....761
804378....761
804380....474, 476
804386....665
804401....21
804410....51
804415....589
804419....591, 592, 593
804421....596, 597
804441....525
804450....750
804453....15
804460....517
804467....50
804471....412, 413
804472....57
804477....584
804491....594
804496....561
804497....561
804498....560
804515....47
804518....755
804519....755
804531....742, 751
804534....66
804553....58, 584
804557....518
804562....75
804566....525
804573....584
804575....50
804576....268
804578....145
804580....55
804593....146
804605....77
804609....44
804610....77
804622....526
804646....48
804655....23
804665....25
804670....24
804671....153
804672....66
804678....755
804695....67
804696....67
804700....601, 605
804706....490, 496, 498, 501
804707....490, 492, 500
804708....126
804710....29, 594, 605
804715....721, 721
804719....481
804750....382
804755....563
804757....562, 564
804766....409
804767....46, 515
804770....59, 587, 589
804771....59, 587, 589
804772....410, 519, 608
804780....72
804782....410
804784....35
804787....26
804788....26
804789....26
804790....52
804791....52
804794....151, 152
804795....322
804796....322
804797....322
804800....322

804802 .... 481, 482, 483, 484
804805 479
804824 481
804830 563
804832 563
804834 563
804835 563
804836 .... 51, 563
804839 563
804840 316
804841 316
804842 316
804843 316
804844 316
804845 316
804846 316
804847 316
804860 751
804861 751
804870 589
804873 .... 60, 587, 589
804874 .... 60, 587, 589
804875 30
804885 742
804894 54
804895 54
804898 304
804900 .... 76, 527
804903 46
804906 415
804911 .... 411, 590
804913 518
804916 .... 474, 476
804917 315
804925 526
804936 .... 50, 526
804937 63
804938 63
804946 72
804947 .... 36, 54
804953 408
804955 22
804958 22
804960 22
804961 88
804962 479
804978 31
804984 32
804985 516
804986 516
804987 518
804989 .... 59, 589
804990 .... 59, 589
804991 75
804995 476
805007 476
805009 48
805029 589
805030 596
805035 78
805040 68
805040D 68
805042 30
805045 751
805049 57
805050 57
805052 .... 51, 562, 564
805054 63
805055 63
805056 .... 30, 475
805059 .... 526, 527
805062 562
805063 562
805066 562
805069 596
805070 .... 27, 593, 602, 603
805071 .... 138, 139
805072 24
805073 .... 24, 590
805074 .... 24, 475
805075 409
805082 74
805084 74
805095 .... 49, 525
805096 .... 49, 527
805099 .... 479, 480, 486
805100 31
805102 563
805103 563
805106 .... 516, 517, 519
805107 410
805160 331
805166 404
805167 404
805168 404
805169 540
805173 .... 636, 637, 638, 639
805174 .... 635, 638
805192 661
805200 95
805210 38
805211 38
805216 606
805218 404
805222 .... 65, 411
805223 .... 65, 411
805230 .... 59, 586, 588
805231 .... 59, 586, 588
805234 416
805235 .... 80, 608
805240 57
805241 57
805246 600
805275 404
805290 603
805299 601
805319 589
805322 487
805330 264
805333 388
805342 487
805343 487
805346 .... 462, 470
805350 71
805351 71
805358 381
805361 635
805397 .... 544, 548
805409 .... 491, 500, 501, 506, 507
805426 507
805430 506
805441 98
805442 98
805462 506
805464 564
805465 564
805466 564
805467 564
805469 564
805471 564
805472 564
805473 564
805476 606
805521 601
805531 .... 28, 603, 604
805536 589
805538 589
805539 .... 589, 591
805540 .... 589, 591
805546 301
805552 548
805553 548
805556 584
805559 520
805625 388
805642 540
805665 138
805666 138
805667 .... 138, 139
805668 138
805681 139
805682 139
805712 576
805718 419
805719 447
805726 313
805729 25
805730 580
805731 31
805732 31
805734 31
805735 31
805749 519
805753 410
805760 18
805772 258
805773 258
805776 560
805778 46
805795 416
805796 70
805797 76
805803 596
805805 97
805812 55
805813 55
805816 410
805824 28
805833 24
805834 563
805838 56
805839 56
805840 .... 310, 312
805841 411
805842 410
805847 409
805849 71
805850 71
805853 45
805854 45
805863 55
805873 77
805898B 78
805898D 78
805906 18
805910 .... 577, 578, 579
805912 577
805913 42
805922 414
805923 414
805924 414
805926 414
805927 414
805931 23
805932 23
805933 .... 38, 480, 481, 485
805934 .... 38, 480, 481, 485
805935 .... 38, 487
805936 .... 163, 395
805939 .... 38, 487
805941 .... 59, 589
805942 .... 59, 589
805946 408
805948 408
805950 75
805966 758
805967 758
805968 758
805969 42
805972 63
805973 63
805974 63
805975 63
806004 40
806010 33
806011 33
806012 518
806017 295
806022 525
806023 525
806024 525
806025 66
806029 65
806030 257
806032 414
806043 257
806045 286
806063 .... 493, 577
806064 .... 577, 578, 579
806065 577
806066 .... 577, 578, 579
806067 .... 577, 578, 579
806068 .... 577, 578, 579
806069 .... 577, 578, 579
806070 .... 578, 579
806071 578
806072 578
806073 578
806074 578
806075 578
806076 578
806077 578
806078 579
806079 579
806080 579
806081 579
806082 579
806083 579
806084 579
806085 580
806086 580
806087 580
806088 580
806089 580
806090 580
806091 580
806093 580
806095 580
806096 580
806097 580
806098 580
806099 580
806100 580
806101 580
806123 23
806142 474
806147 257
806148 257
806180 62
806182 457
806183 457
806184 457
806187 388
806223 38
806226 478
806227 38
806228 .... 595, 596
806231 447
806235 406
806236 385
806247 571
806254 419
806259 .... 636, 637, 638, 639, 660
806262 51
806266 .... 722, 724, 725
806267 .... 722, 724, 725
806289 598
806297 .... 666, 667
806313 411
806338 419
806350 46
806359 46
806373 412
806387 272
806395 495
806403 .... 81, 721
806418 547
806436 407
806437 596
806440 722
806442 722
806443 345
806445 722
806450 310
806460 722
806463 146
806465 722
806466 722
806467 722
806468 722
806470 .... 721, 722
806486 722
806497 .... 81, 724, 725
806510 520
806532 .... 636, 637, 638, 639
806547 166
806550 409
806573 484
806574 484
806576 484
806577 484
806578 268
806579 484
806580 484
806583 532
806584 550
806585 550
806586 539
806587 539
806589 539
806594 484
806596 484
806597 722
806598 722
806599 722
806611 786
806631 757
806632 571
806637 .... 425, 429
806670 .... 79, 580, 584
806673 584
806674 584
806675 584
806680 43
806696 433
806697 388
806709 .... 386, 406
806710 .... 385, 406
806711 .... 382, 383, 395, 396, 397
806741 397
806757 .... 755, 757
806802 .... 491, 492, 493
806803 41
806806 491
806811 491
806812 491
806816 41
806817 41
806818 41
806820 41
806852 .... 491, 491
806880 .... 606, 607
806881 607
806882 607
806883 607
806884 607
806885 607

806886 607
806891 467
806894 466
806899 ..... 433, 435
806902 430
806928 574
806929 574
806930 574
806931 574
806936 36
806941 165
806944 419
806951 457
806974 74
806978 755
806979 36
806995 ..... 591, 592, 594
806997 ..... 67, 425
806998 425
807011 425
807012 ..... 425, 427
807013 ..... 425, 427
807021 520
807024 31
807030 747
807031 42
807032 42
807070 ..... 721, 722, 724, 725, 726
807081 ..... 427, 428
807088 518
807089 ..... 721, 726
807091 ..... 596, 607
807092 ..... 594, 596
807101 420
807102 420
807103 420
807104 419
807109 457
807110 457
807111 457
807114 ..... 66, 411
807115 ..... 66, 411
807117 411
807118 602
807119 602
807120 589
807125 55
807131 ..... 683, 685
807148 456
807149 ..... 420, 456
807166 488
807167 ..... 722, 724, 725
807169 ..... 722, 724, 725
807170 ..... 724, 725
807172 ..... 722, 725
807173 ..... 722, 725
807176 ..... 722, 724, 725
807182 589
807195 515
807197 589
807212 497
807229 388
807249 305
807255 47
807260 52
807261 52
807263 ..... 269, 297
807265 23
807272 68
807273 58
807278 47
807279 47
807281 415
807284 490
807285 490
807286 70
807287 ..... 70, 490, 501
807289 ..... 497, 498, 499
807299 ..... 490, 491, 492, 493
807302 391
807304 391
807307 391
807310 391
807311 391
807312 391
807325 457
807326 457
807327 483
807328 ..... 497, 498, 499
807374 722
807375 722
807376 722
807400 150
807406 478
807407 478
807408 74
807409 606
807410 606
807413 74
807417 409
807431 589
807432 589
807456 ..... 32, 385, 386, 387
807465 456
807466 456
807467 456
807468 ..... 421, 456
807472 569
807477 419
807496 457
807497 457
807498 457
807499 457
807501 53
807502 53
807507 412
807515 ..... 140, 142, 143, 148
807516 140
807529 66
807551 382
807552 382
807555 416
807557 416
807566 516
807571 517
807587 69
807588 78
807588D 78
807591 54
807592 54
807596 31
807597 516
807598 35
807607 25
807608 143
807610 516
807612 ..... 304, 474
807613 304
807614 304
807627 ..... 66, 410
807637 78
807645 ..... 31, 392
807645B 31
807646 481
807649 ..... 49, 525
807650 49
807651 49
807654 142
807655 411
807657 ..... 151, 152
807658 391
807664 580
807666 40
807667 54
807668 755
807672C 32
807672H 32
807673 32
807685 ..... 571, 572
807690 77
807691 77
807692 77
807702 31
807705 479
807706 151
807707 ..... 151, 152
807708 40
807718 ..... 86, 742
807721 273
807722 273
807737 47
807738 47
807739 746
807741 34
807742 34
807743 ..... 151, 152
807744 69
807746 69
807747 24
807748 492
807749 ..... 41, 490, 491, 492
807750 70
807753 33
807763 30
807769 409
807771 432
807772 452
807773 ..... 452, 453
807796 580
807806 589
807807 ..... 59, 589
807814 273
807836 ..... 546, 547
807837 ..... 540, 546, 547
807848 546
807849 ..... 546, 547
807859 481
807896 53
807910 304
807911 304
807923 ..... 595, 596
807925 312
807931 18
807945 475
807969 608
807984 ..... 427, 428
807985 ..... 424, 425, 426, 429
807995 476
807996 474
808002 599
808003 24
808005 310
808007 ..... 751, 754
808012 37
808013 306
808015 580
808016 331
808017 331
808018 331
808019 331
808020 331
808025 ..... 596, 597
808028 481
808030 71
808034 47
808048 754
808058 492
808063 345
808064 345
808065 345
808066 345
808067 345
808069 ..... 24, 25
808070 24
808071 24
808072 24
808073 24
808074 24
808077 589
808078 ..... 74, 515
808080 42
808081 42
808084 ..... 23, 77
808085 310
808086 166
808088 416
808092 525
808093 30
808106 754
808109 483
808110 483
808127 259
808136 506
808138 315
808143 571
808144 571
808145 571
808147 30
808149 515
808154 265
808171 70
808172 133
808174 37
808184B 52
808185 67
808191 258
808200 301
808230 416
808231 416
808232 416
808233 416
808234 416
808235 416
808236 416
808240 80
808241 ..... 80, 608
808244 409
808245 409
808246 409
808262 ..... 424, 425, 426, 427, 428, 429, 472
808263 ..... 424, 425, 426, 427, 428, 429
808264 ..... 425, 426, 427, 428, 429
808275 62
808277 ..... 62, 574
808280 297
808290 757
808321 ..... 447, 472
808325 597
808326 597
808345 ..... 481, 482, 483, 484
808351 599
808352 599
808356 541
808382 492
808383 492
808386 492
808387 492
808388 493
808398 ..... 142, 147
808409 ..... 424, 425, 426
808412 ..... 424, 425, 426
808414 ..... 424, 426
808416 478
808420 589
808421 589
808449 ..... 491, 493
808458 722
808461 591
808462 591
808463 591
808488 557
808497 663
808557 409
808558 409
808564 598
808604 273
808605 62
808650 ..... 491, 492, 493
808656 140
808657 538
808667 446
808677 ..... 721, 722, 724, 725, 726
808678 ..... 721, 722, 724, 725, 726
808684 ..... 41, 495, 496
808687 146
808689 146
808745 273
808755 ..... 506, 507
808767 515
808779 409
808800 520
808812 755
808819 ..... 313, 490, 491, 493
808824 409
808825 42
808826 42
808829 76
808832 515
808834 46
808837 515
808839 515
808843 43
808844 89
808846 ..... 480, 481, 485
808849 490
808852 275
808865 506
808877 520
808888 607
808894 ..... 481, 482, 483
808903 ..... 163, 581
808917 65
808921 23
808925 76
808925D 76
808955 723
808963 757
808964 757
808965 757
808966 757
808967 757
808968 584
808988 ..... 60, 587, 588
808989 ..... 587, 588
808993 723
808994 723
808996 723
808997 757
809001 44
809002 44
809008 590
809019 ..... 51, 561
809049B 388
809053 62
809056 383
809058 ..... 382, 383, 388
809090 746
809091 ..... 60, 589
809092 ..... 60, 589
809093 38
809094 38
809103 35
809104 35
809110 526

809118....526
809120....457
809124....383, 407
809125....382, 383, 406, 407
809129....457
809167....31
809199....526
809218....409
809219....409
809220....409
809224....409
809230....409
809231....409
809232....409
809233....409
809234....409
809239....409
809246....409
809253....409
809257....526
809270....572
809276....485
809277....485
809304....267
809325....165, 394, 395
809359....387
809396....373
809404....589
809405....589
809412....492
809418....515
809454....652
809461C....71
809461H....71
809466....101
809467....101
809471....178
809491....618, 641, 652, 654
809499....653
809506....406
809565....235
809578....460, 466
809587....62
809598....720
809604....494, 495, 497, 498, 502, 503, 504, 566
809620....406, 407
809621....407
809622....407
809625....419
809627....294
809628....294
809629....294
809638....447
809650....515
809657....387
809664....30
809697....447
809702....43
809703....43
809719....43
809720....43
809741....478
809768....594
809794....600
809826....499
809827....499
809828....499
809829....499, 507
809833....499
809838....500, 501
809901....151
809902....151, 152
809903....151
809904....151
809906....60, 586, 588
809907....60, 586, 588
809908....400
809909....400
809911....400
809924....615, 636, 637, 638, 641, 642, 652, 653
809925....616, 620, 621, 622, 623, 627, 628, 629, 630, 634, 636, 637, 642, 643, 644, 645, 648, 650
809926....616, 620, 621, 622, 623, 627, 628, 629, 630, 634, 643, 681
809927....665
809928....665
809929....636, 637, 638, 639, 659
809930....616, 622, 623, 629, 634, 642, 643
809980....68
809989....60
810000....636, 637, 638, 639
810002....636, 637, 638, 639
810020....636, 637, 638, 639
810021....636, 637, 639
810022....636, 637, 638, 639
810025....615, 621, 622, 623, 627, 629, 636, 637, 638, 639, 643, 644, 645, 648, 650, 654
810027....636, 637, 639
810028....635, 636, 637, 638, 639
810030....641, 642, 643, 652
810031....615, 620, 645
810032....642, 643, 648, 650
810033....643
810034....615
810042....635
810047....635, 672
810048....635
810051....635
810052....635
810053....635
810058....613, 641, 675, 679
810061....534
810064....380, 381
810081....385
810087....490, 501
810100....723
810104....723
810105....723
810107....723
810108....723
810121....404
810123....393
810129....441, 443, 445, 449, 451, 455
810141....586, 588
810142....586, 588
810143....608
810161....641, 642
810164....515
810166....608
810167....608
810168....441, 443, 445, 449, 451, 455
810192....675
810195....675
810196....675
810207....751
810211....499
810212....665
810232....412
810247....586
810248....586
810250....406
810265....537
810266....433, 435, 437, 439
810267....433, 435
810268....433, 435
810269....433, 435
810273....665
810274....665
810297....723
810301....155, 156
810303....375
810309....615, 648, 650
810313....386, 406
810314....386, 406
810319....572
810331....540
810346....548
810360....540
810361....540
810362....540
810363....540
810364....540
810366....540
810367....540
810377....407
810385....546
810422....150
810429....398
810440....387
810463....683
810466....148
810468....613, 666, 667, 672, 675, 676, 678, 679, 680, 681, 693
810478....593
810521....421, 422, 423
810529....421
810557....384
810641....387
810642....387
810643....387
810644....387
810646....392
810647....393
810648....393
810649....395
810651....396
810652....398
810653....398
810654....404
810657....398
810658....399
810659....406
810661....406
810662....406
810663....406
810664....406
810704....672
810707....617
810710....666
810751....614, 621, 623, 628, 630, 644, 645, 654, 658
810752....623, 624
810757....620, 627, 644, 654
810758....620, 621, 622, 623, 627, 628, 629, 630, 644, 645, 658
810759....620, 621, 624
810765....661, 695
810780....533
810784....546, 547
810785....547
810791....531
810793....533
810794....533
810795....532
810797....532
810798....532
810799....533
810842....540
810850....558
810930....550
810931....550
810932....550
810933....550
810934....550
810935....550
810936....550
810937....550
810938....550
810972....531
811019....586, 588
811023....586, 588
811049....646
811080....592, 593, 595, 596
811106....446
811132....153
811150....493
811190....600
811238....586, 588
811239....586, 588
811451....419
811452....419
811453....419
811454....419
811620....676
811621....676
811624....614, 676
812005....449, 451, 455
812040....393
812103....723
812104....721
812303....541
812304....391
812306....570
812314....395
812451....481
812470....386
812500....570
812540....550
812637....658
812662....594
812701....433, 435, 437, 441, 445, 449, 453, 455
812711....592, 595, 596
812712....592, 595, 596
812840....602
813020....429
813021....429
813064....570
813065....622, 623, 624
813347....530
813400....666, 667
813401....666, 667
813403....666
813440....387
813441....387
813601....581
813692....538
814118....407
814119....407
814129....404
814210....614, 620, 621, 622, 623, 627, 628, 629, 630, 644, 645
814211....623, 629, 630, 645
814213....621, 622, 623, 627, 628, 629, 644, 648, 650, 654
814214....614, 621, 623, 628, 630, 644, 645, 654
814215....614, 623, 630, 645
814216....626
814360....480, 481, 486, 487
814361....457
814362....456
814462....658
814750....407
815007....570
815008....570
815014....151, 152
815190....665
815199....384
815233....722, 724, 725
815443....398
816202....587, 589
816203....587, 589
816247....457
816270....721
816312....661
816520....398
816751....400
816752....400
817002....419
817150....612, 620, 621, 622, 623, 627, 628, 629, 630, 645
817151....611, 613, 634
817152....611, 612
817153....610, 611
817154....664
817155....687
817214....635
817631....593
819404....629, 631
819904....630
821026....385
821311....373
821312....372
829124....406
838227....660
838228....660
880240....608
880414....425
900005....763
900007....763
900010....763
900014....763
900015....763
900020....302
900040....759, 760
900042....759, 760
900043....760
900044....760
900200....763
900201....763
900202....763
900203....763
900204....763
900215....788
901453....760
920001....144, 159
920003....133
920004....304
920006....138, 139, 140, 147
920007....141, 144
920008....141, 144
920009....141, 144, 145
920010....144, 159
920011....144, 159
920012....144
920013....144, 159
920014....144
920016....144, 159, 569
920018....134
920020....133
920023....142, 147, 148
920024....257
920025....133
920029....141, 145
920035....133
920037....156, 157
920038....144, 159
920040....133
920042....131, 408
920044....138, 142, 145, 148, 151
920045....133
920050....257
920055....257
920063....529

920068 ... 159
920070 ... 140, 141, 142, 144, 148
920073 ... 529
920074 ... 528, 534
920078 ... 159
920080 ... 142, 143
920081 ... 139
920082 ... 139, 143
920083 ... 158
920084 ... 158
920085 ... 143
920096 ... 151
920097 ... 151
920107 ... 138, 140
920109 ... 140
920125 ... 531
920127 ... 533
920128 ... 533
920131 ... 533
920132 ... 533
920143 ... 24
920158 ... 130
920161 ... 130
920163 ... 133
920164 ... 133
920165 ... 133
920169 ... 134
920170 ... 133
920170G ... 133
920184 ... 144
920185 ... 131
920186 ... 543
920187 ... 145
920195 ... 535
920196 ... 543
920197 ... 543
920200 ... 543
920205 ... 546, 547
920214 ... 144, 159
920215 ... 535
920221 ... 546, 547
920240 ... 136
920242 ... 536
920251 ... 155, 156
920253 ... 632, 633
920255 ... 155, 156, 158
920259 ... 155
920260 ... 155, 157
920261 ... 157
920262 ... 157
920263 ... 157
920264 ... 157
920265 ... 155, 157
920266 ... 155, 157
920268 ... 155, 157
920269 ... 156, 157
920270 ... 155, 156
920271 ... 156, 157
920272 ... 156, 157
920273 ... 157
920274 ... 157
920275 ... 155, 156
920276 ... 157
920277 ... 157
920280 ... 159
920288 ... 156
920291 ... 140, 142, 145, 152, 305
920295 ... 139, 141, 159
920305 ... 130
920307 ... 130
920310 ... 130
920315 ... 131
920318 ... 131, 152
920320 ... 139, 141, 159
920321 ... 150
920325 ... 139, 159
920328 ... 130
920329 ... 130
920341 ... 131, 152
920345 ... 285
920346 ... 285
920347 ... 285
920348 ... 285
920349 ... 285
920350 ... 285
920352 ... 285
920353 ... 285
920356 ... 145
920358 ... 130
920360 ... 144, 159
920361 ... 139, 140, 142, 143, 148
920362 ... 138
920363 ... 139, 140, 142, 143, 148
920364 ... 138, 141
920365 ... 139, 141
920366 ... 139
920367 ... 143, 145
920370 ... 138, 139, 140, 141
920371 ... 138, 141
920374 ... 140, 141, 142, 145, 146
920375 ... 252
920376 ... 259
920380 ... 786
920381 ... 130
920382 ... 155, 157
920390 ... 133
920395 ... 134
920402 ... 135
920404 ... 135
920405 ... 135
920406 ... 135
920407 ... 135
920408 ... 135
920409 ... 135
920410 ... 135
920411 ... 135
920412 ... 131
920414 ... 141
920415 ... 134
920420 ... 151
920424 ... 158
920432 ... 140, 141, 142
920434 ... 155, 156, 158
920445 ... 133
920448 ... 158
920449 ... 133
920450 ... 149
920451 ... 149
920455 ... 149
920456 ... 149
920465 ... 158
920466 ... 142, 148, 151
920472 ... 134
920473 ... 134
920479 ... 151
920493 ... 133
920501 ... 155, 156
920505 ... 138, 141
920516 ... 130
920517 ... 130
920531 ... 148
920534 ... 146
920551 ... 139
920554 ... 138
920556 ... 151
920603 ... 569
920604 ... 568, 569
920605 ... 568
920606 ... 147, 148, 149
920624 ... 148
920627 ... 131
920628 ... 149
920640 ... 146
920645 ... 134
920646 ... 134
920647 ... 134
920656 ... 568
920657 ... 569
920661 ... 138
920663 ... 130
920664 ... 144, 159
920689 ... 140
920700 ... 130
920701 ... 130
920702 ... 130
920705 ... 130
920717 ... 538
920729 ... 538
920775 ... 131
920782 ... 143
920800 ... 144, 159
920805 ... 144, 159
920810 ... 144, 159
920821 ... 146
920826 ... 146
920827 ... 146
920832 ... 130
920840 ... 158
920845 ... 158
920847 ... 138
920855 ... 139, 140, 141
920857 ... 153
920865 ... 143
920871 ... 157
920876 ... 140, 147
920877 ... 140, 147
920878 ... 140
920882 ... 146
920902 ... 153
920911 ... 157
920912 ... 157
920913 ... 157
920915 ... 157
920917 ... 157
920918 ... 157
920921 ... 140, 141
920922 ... 157
920924 ... 133
920928 ... 154, 154
920959 ... 156, 157
920962 ... 147, 148
920980 ... 144, 159
920997 ... 143
920998 ... 143
921000 ... 134
921010 ... 408
921011 ... 408
921012 ... 140, 142, 145
921022 ... 130
921023 ... 130
921024 ... 526
921026 ... 142, 143, 148
921027 ... 142, 143, 148
921036 ... 143
921038 ... 139, 140, 142
921048 ... 142
921085 ... 155, 156
921102 ... 140
921123 ... 648, 650
921201 ... 526
921202 ... 526
921203 ... 155, 156, 526
921291 ... 140, 142, 152
921301 ... 146
921402 ... 141
921440 ... 146
921441 ... 145, 146
921577 ... 131
921578 ... 131
921604 ... 146
921665 ... 133
922027 ... 148
922028 ... 148
922441 ... 150
922446 ... 145
922447 ... 140, 142
922641 ... 150
923000 ... 142, 147, 148
923001 ... 143
923007 ... 145
923011 ... 140
923100 ... 158
923102 ... 155
923103 ... 156
923311 ... 568
923314 ... 150
923325 ... 141
923345 ... 145
923500 ... 125
923501 ... 125
924014 ... 139
924021 ... 157
924028 ... 140, 147
924412 ... 146
924442 ... 139
924444 ... 139
924445 ... 138, 140
924448 ... 145
924457 ... 138
924502 ... 125
924511 ... 145
924607 ... 147
924900 ... 150
924901 ... 150
925241 ... 151
925242 ... 151
925331 ... 140, 142, 148
925540 ... 140, 147
925541 ... 148
925545 ... 140, 147
926222 ... 142, 147
926225 ... 156
926302 ... 155, 156
926412 ... 156
926430 ... 158
926433 ... 159
926434 ... 159
926435 ... 159
926439 ... 159
926440 ... 158
926441 ... 145
926442 ... 159
926444 ... 159
926446 ... 155, 156, 158
926509 ... 150
926525 ... 153
926559 ... 156, 157
926664 ... 150
926892 ... 155, 156
929630 ... 151
940001 ... 754
940004 ... 169
940011 ... 355
940012 ... 168
940022 ... 357
940029 ... 355
940031 ... 355
940034 ... 170
940037 ... 170
940040 ... 168
940042 ... 169
940045 ... 168
940055 ... 353
940056 ... 353
940057 ... 354
940058 ... 354
940060 ... 353
940065 ... 353
940071 ... 353
940072 ... 353
940075 ... 354
940076 ... 354
940079 ... 354
940085 ... 171
940088 ... 171
940089 ... 171
940091 ... 353
940095 ... 355
940096 ... 355
940097 ... 355
940098 ... 355
940099 ... 355
940105 ... 365
940106 ... 352
940107 ... 352
940108 ... 352
940109 ... 352
940110 ... 12
940111 ... 12
940112 ... 354
940136 ... 357
940137 ... 357
940139 ... 354
940146 ... 330
940147 ... 330
940160 ... 146
940163 ... 330
940164 ... 330
940173 ... 357
940174 ... 358
940177 ... 360
940195 ... 357
940201 ... 169
940202 ... 170
940205 ... 357
940206 ... 357
940207 ... 357
940208 ... 357
940209 ... 357
940211 ... 357
940212 ... 357
940213 ... 358
940214 ... 358
940215 ... 358
940217 ... 359
940219 ... 359
940230 ... 359
940231 ... 359
940234 ... 359
940235 ... 359
940236 ... 359
940237 ... 359
940238 ... 359
940243 ... 359
940251 ... 359
940253 ... 359
940254 ... 360
940257 ... 357
940260 ... 360
940262 ... 360
940265 ... 359
940281 ... 360
940283 ... 360
940285 ... 360
940287 ... 361
940288 ... 361
940293 ... 360
940296 ... 10
940301 ... 168
940302 ... 169
940303 ... 169
940304 ... 168
940306 ... 173
940307 ... 173
940308 ... 173
940310 ... 173
940311 ... 173
940313 ... 173
940314 ... 173
940319 ... 173

940320 173
940324 361
940329 361
940330 361
940331 361
940335 301
940341 360
940343 360
940345 360
940347 361
940348 361
940349 361
940350 361
940351 353
940352 361
940353 361
940355 13
940362 362
940364 362
940369 362
940371 362
940373 362
940374 361
940378 362
940379 362
940381 362
940384 362
940389 362
940390 366
940391 366
940392 366
940393 366
940394 366
940395 366
940396 366
940398 366
940399 366
940400 366
940407 366
940409 366
940410 355
940411 366
940412 366
940413 366
940414 367
940415 355
940416 367
940417 367
940418 367
940419 367
940420 355
940421 367
940422 367
940424 367
940427 367
940428 368
940429 368
940431 367
940432 367
940433 367
940434 367
940436 368
940438 368
940462 352
940466 13
940470 13
940473 363
940474 363
940475 363
940476 363
940477 363
940478 363
940479 363
940480 363
940481 364
940482 364
940483 364
940484 364
940486 364
940487 364
940488 364
940489 364
940492 364
940493 364
940494 368
940495 355
940496 368
940497 368
940498 368
940499 368
940504 368
940505 368
940510 354
940535 15
940540 15
940544 15
940555 253
940578 353
940583 365
940585 365
940586 365
940588 365
940589 365
940590 365
940592 365
940593 365
940594 365
940595 365
940596 365
940597 365
940598 365
940599 365
940600 171
940601 171
940603 171
940604 171
940605 353
940607 365
940608 365
940609 365
940610 353
940619 365
940620 365
940621 365
940623 365
940628 365
940631 365
940632 365
940633 365
940634 365
940636 365
940637 365
940638 365
940639 365
940640 14
940642 365
940643 365
940644 365
940646 365
940649 365
940650 355
940655 354
940656 354
940671 170
940680 14
940694 173
940696 173
940698 173
940700 275
940714 12
940719 169
940720 146
940721 169
940722 169
940723 169
940724 169
940725 354
940726 354
940727 354
940733 355
940737 146
940741 168
940742 168
940743 168
940744 365
940751 168
940752 183
940755 255
940757 355
940758 353
940759 353
940761 353
940778 354
940784 301
940790 191
940801 301
940813 610
940817 13
940818 275
940819 275
940820 172
940821 172
940822 172
940825 353
940826 353
940827 354
940828 732
940829 353
940830 353
940831 275
940835 353
940836 732
940890 172
940899 157
940962 184
940963 184
940964 184
940993 ..... 416, 574
940998 732
941002 271
941003 271
941007 171
941008 171
941018 173
941019 173
941045 354
941047 171
941049 171
941101 14
941145 291
941147 170
941148 291
941149 291
941152 291
941153 291
941159 291
941160 291
941161 291
941162 291
941300 173
941301 173
941414 ..... 420, 458, 465
941433 170
941451 125
941465 289
941470 290
941475 290
941480 289
941553 658
941554 658
941555 658
941704 14
941705 14
942000 732
942002 304
942003 304
942005 182
942006 353
942011H 253
942011S 253
942023 150
942100 14
942102 14
942103 14
942105 139
942152 153
942156 14
942159 153
942161 153
942162 484
942163 ..... 484, 485
942184 153
942257 ..... 495, 496
942302 150
942442 150
942443 150
942444 150
942445 150
942446 150
942541 254
942543 254
942562 27
942563 27
942565 27
942577 27
942584 27
942587 788
942605 158
942650 31
943002 363
943003 352
943020 367
943024 ..... 142, 148
943114 168
943158 13
943344 301
943450 168
943512 496
943533 292
943548 259
943582 131
943655 275
943656 275
943658 275
943659 275
944021 732
944069 158
944300 726
944302 726
944303 726
944304 726
944305 726
944306 726
944307 726
944308 ..... 721, 721, 726
944309 726
944310 726
944311 726
944312 726
944313 726
944314 726
944315 726
944316 726
944317 726
944318 726
944319 726
945456 357
945530 318
945531 318
945532 318
945533 318
945534 318
945535 318
945539 318
945541 318
945545 318
945800 123
945823 153
946004 359
946005 359
946006 357
946007 353
946301 593
946400 168
946581 272
946590 496
946601 272
947887 361
947888 364
947889 362
947891 364
948003 352
948004 352
948005 352
948006 352
948007 353
948010 169
948012 355
948013 354
948016 13
948019 364
949000 15
949001 352
949002 352
949003 352
949004 352
949005 352
949007 352
949008 352
949009 352
949010 352
949011 352
949012 352
949013 352
949014 352
949015 352
949018 172
949019 172
949020 168
949021 275
949022 352
949023 352
949024 169
949029 172
999999 608

INDEX: ALPHABETICAL

A/C coil and fin cleaner 188
A/C condensate line cleaner kit 188
A/C tablets 188
AA batteries 170
AAA batteries 170
Access panels 172
Acid brush 186
Acorn repair parts 31-32, 375-407
Acorn stems 31
Adjustable floor drain strainers 290
Adjustable shower rod ends 13
Adjustable spud wrench 179
Adjustable tank bolts 255
Aerator adapter, garden hose 27
Aerator key 26
Aerator kit 29
Aerator quick disconnect 27
Aerators 26-27
Aero drain cleaner 188
Air condition coil and fin cleaner 188
Air condition tablets 188
Air hand dryer 13
American Brass stems 32
American Standard Aquaseal washers 23
American Standard bedpan washer 131
American Standard fixtures 277
American Standard handles 65-67
American Standard repair parts 408-416
American Standard screw on seat disc 271
American Standard snap on seat disc 271
American Standard stems & repair parts 33, 35
American Standard toilet actuator units 271
Anchor flange kit 253
Anchor kit, wall 352
Angle stop valves 296
Aquaflush repair kits, Zurn 157
Aquaseal washers 23
Aquavantage flush kits 157
Automatic flush valve sensor, side mount 130
Automatic sensor faucets, Zurn 99
Automatic soap dispenser 15
B&G pumps 734
B&K faucets 84,85
Bag, plunger 187
Balancing cartridge, Kohler 46
Ball valve, brass 343
Ball valve, PVC 342
Ballcock nut 297
Bar drains 287
Bar sink faucet, B&K 85
Bar slide 166
Basin faucet, B&K 86
Basin rosette 30
Basin wrench 179
Basket strainer assemblies 286
Basket strainers 284,286
bath tub spouts 313-314
Bath tub waste 308-312
Batteries 170
Bead chain 285
Bedpan washers 131
Bell & Gosset pump couplings 733
Bell & Gosset pumps 734-735
Bemis toilet seats 260
Bibb screw kit 18
Bibb screw repair kit 182
Bi-Level water coolers 127
Black iron fittings 339-340
Black iron nipples 333
Blank tub face plate 310
Bobrick paper towel dispenser 13
Bobrick soap dispenser 15
Bobrick toilet paper rollers 10
Boiler drain 788
Bradley cartridge 36
Bradley handle 67
Bradley repair parts 419-472
Bradley safety/emergency fixture accessories 102-121
Bradley stems 36
Braided stainless steel supply lines 295
Brass cleanout plug 317
Brass compression couplings 298-300
Brass fittings 335-336
Brass nipples 331
Brass tubular 305-309
Briggs commode parts 262-265
Briggs handle 67
Bubbler head 742-747
Bubbler, Central Brass 88
C batteries 170
Canvas drain flusher bag 218
Cap thread gasket kit 18
Carrier nut kits 259
Cartridge puller, Moen 182
Cartridges, Delta 41
Cartridges, Moen 51
Cartridges, Symmons 58
Cast iron service sink 101
Cast iron sinks 101
Cast iron sinks, Zurn 280
Cast iron toilet flange 254
Caulk 189
Central Brass bubbler 88
Central brass bubbler parts 742
Central Brass faucets 87-88
Central Brass handles 68
Central Brass metering faucets 87-88
Central Brass repair parts 474-476
Central Brass stems 37
Chicaco bedpan washer 131
Chicago Faucet faucets 89
Chicago Faucet handles 68
Chicago Faucet repair parts 478-488
Chicago Faucet washers 23
Chicago Faucets stems 38-39
Chrome plated brass fittings 331
Chrome plated nipples 331
Circulating pumps 734-735
Cleanout cover wrench set 181
Cleanout covers 317
Cleanout plug 319
Cleanout plug wrench set 317
Closet auger bag 216
Closet augers 216-217
Closet bolt caps 256
Closet bolt kits 255
Closet bolt kits 255
Closet bolt nuts 256
Closet bolt washers 255
Closet flange 253
Closet seat hinge nut wrench 180
Closet spud 256
Coil and fin cleaner (A/C) 188
Cold-Shot pipe freeze kit 223
Commercial sink drain locks 289
Commercial sink drain removal tool 180
Commercial sink drains 293
Commode actuators, American Standard 271
Commode bolt caps 256
Commode bolt kits 255
Commode flange 253
Commode flappers 262-264
Commode flush arms 265-267
Commode plungers 187
Commode seat wrench 259
Commode seats 260-261
Commode stop valves 296
Commode supply lines 295
Commode support jack 276
Commode tank bowl gaskets 270
Commode, American Standard 277
Commode, Zurn 278-279
Compression couplings, brass 298-300
Compression couplings, galvanized 341
Compression couplings, PVC 341
Compression fittings 298-300
Compression sleeves 298
Compression washers 22
Condensate line cleaner kit 188
Continental soap dispenser 15
Cooper flaring tool 183
Copper fittings 328-329
Copper pipe 346
Copper tube brush 182
Copper unions 341
Corner guards 171
Couplings, pump 733
Cover plates, shower 313
Cover plates, Zurn 98
CPVC fittings 326
Crane Dialease washers 24
Crane handles 69
Crane Stems 40
Cutting saw, PVC 184
D batteries 170
Danfoss shower cartridge 40
Deep basin rosette 30
Delany bedpan washer 131
Delany flush valve parts 132-135
Delany flush valves 130
Delta faucets 90
Delta handles 69-70
Delta repair parts 489-507
Delta stems & cartridges 41
Delta wrench 180
Delta, shower accessories 166
Deod-o-screen 253
Dialease washers 24
Digital thermometer 182
Dishwasher branch tailpiece, brass 308-309
Dishwasher branch tailpiece, PVC 322
Dispenser, paper towel 13
Disposal connectors 285
Disposal cover guard 285
Diverter, kitchen faucet 30
Dogbone wrench 179
Door chain guard 353
Door frame magnet 353
Door hardware 353-354
Door hardware, partition 357-362
Door kick stop 354
Door silencer 354
Door stop 353-354
Door viewer 353
Double offset slip joint tube 306
Double robe hook 13
Drain cleaner 188-189
Drain cleaner tool, hand held 185
Drain flusher, garden hose 181
Drain flushing bags, canvas 218
Drain King 181
Drain odor blocker 189
Drains, tub 310-312
Drapery parts and hardware 355
Drench hose parts 119
Drench hoses 109,112
Drill bits 176-177
Drip pans 173
Drop-in sinks, stainless steel 100
Drum trap plug wrench 180
Duct tape 183
Dumbbell wrench 179

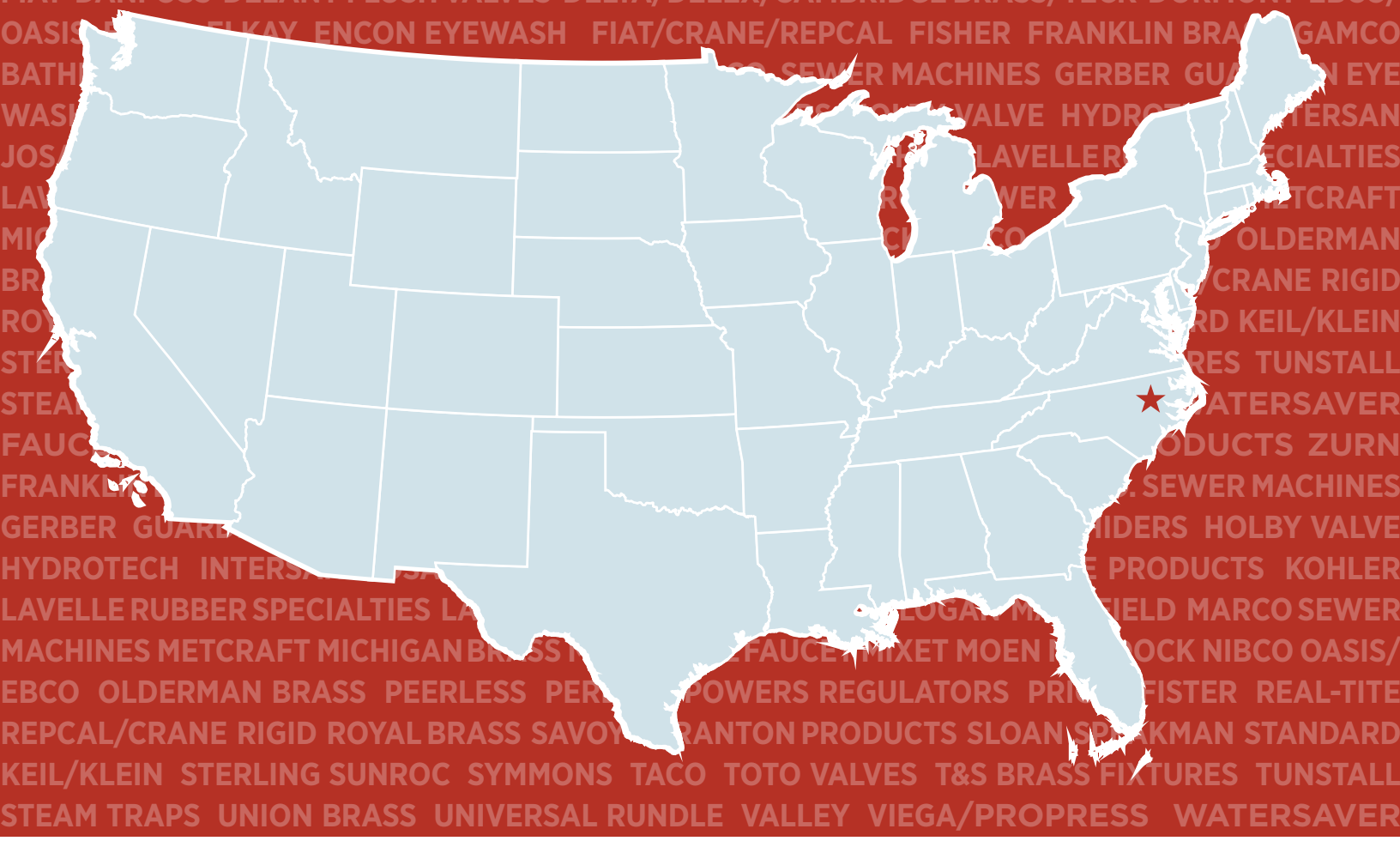
Duplex plates 168
Duplex receptacle 168
DWV PVC fittings 326
Eastman faucets 84,85
Ebco bubbler parts 743-745
Eco Pow Green 189
Electric supplies 168-169
Electrical outlet 168
Electrical tape 169
Elements, hot water heater 730
Eljer handles 71
Eljer stems 42
Eljer touch flush kit 268
Elkay bubbler parts 742,746-750
Elkay stems & cartridges 43
Emergency eyewash spray head, Guardian 124-125
Emergency eyewash stations, Encon 123
Emergency eyewash stations, Guardian 124-125
Emergency fixture accessories, Bradley 102-121
Encon eyewash stations 123
Encore stems 42
End outlet waste, brass 306
End outlet waste, PVC 321
End Rust 188
Enzymatic drain cleaner 188
Epoxy repair stick 191
Escutcheon, shower arm 167
Expansion coupling, PVC 323
Expansion plugs 318
Expansion wrench 181
Extension covers 319
Extension kit for wall hung carrier 259
Extension kit, shank 29
Extracting tools 183
Eyewash stations, Bradley 108-121
Eyewash stations, Encon 123
Eyewash, faucet mount 29
Eyewash, Guardian 124-125
Faucet aerators 26-27
Faucet bibb kit 18
Faucet handle screws 23
Faucet mount eyewash unit 29
Faucet o-rings 18-21
Faucet repair parts 23
Faucet seat extracting tool 183
Faucet seat gauge 24
Faucet seat kit 18
Faucet seats 24-25
Faucet shank extension kit 29
Faucet shank nut 30
Faucet stem packings 23
Faucet supply kit, 90 degree 30
Faucet washer kit 18
Faucet washers 22
Faucets, B&K 84,85
Faucets, Central Brass 87-88
Faucets, Chicago Faucet 89
Faucets, Delta 90
Faucets, Eastman 84,85
Faucets, T&S 91-97
Faucets, Zurn 98-99
Fernco couplings 316
Fiat handle 71
Fill Pro fill valve 269
Filters, range hood 173
Filters, water 301
Fisher repair parts 509-510
Fisher stems 43
Fit-All handles 72
Fits most toilet paper rollers 10
Fitting brush, copper 182
Fittings, black iron 339-340
Fittings, chrome plated brass 334
Fittings, copper 328-329
Fittings, CPVC 326
Fittings, DWV 326
Fittings, galvanized 337-338
Fittings, hose 302-303
Fittings, PVC 324-325
Fittings, Qestpex 330
Fittings, red brass 334-336
Fittings, Sharkbite 328
Flange repair kit, commode 252
Flanged tailpiece, brass 308
Flanged tailpiece, brass 308
Flanged tailpiece, PVC 321
Flanges, shower rod 13
Flappers 262-264
Flaring tool 183
Flip lever drain plate, tub 310
Floor drain odor blocker 189
Floor drain strainers and accessories 288
Floor drain strainers, adjustable 290
Floor drain strainers, josam 289
Floor drain strainers, Zurn 291
Floor flange, black iron 339
Floor flange, galvanized 338
Flow restrictor, shower head 166-167
Flush arms 265-267
Flush valve kits, Zurn 157
Flush valve parts, Delany 132-135
Flush valve parts, Sloan 138-152
Flush valve parts, Toto 153-154
Flush valve parts, Zurn 155-159
Flush valve stop tailpiece wrench 180
Flush valve tailpiece wrench 180
Flush valve, toilet tank 269
Flush valves 130
Flushmate pressure assist repair kits 272-274
Flux 186
Folding shower seat 14
Foot pedal valve, Chicago Faucet 89
Foot pedal valves, Zurn 99
Fountain parts (water fountain) 742-757
Four way key 182
Free standing water coolers 127
Freeze kit, pipe 223
Friction rings 257
Galvanized bushing 338
Galvanized compression couplings 341
Galvanized fittings 337-338
Galvanized nipples 332
Galvanized plug 338
Galvanized unions 338
Garden hose fittings 302-303
Garden hose spray nozzle 303
Gas valve, for lab 29
Gasket kit, cap thread 18
Gate valve, brass 344
Gate valve, PVC 344
Gauge glass, boiler 732
Gauges 731
General Wire parts and accessories 216-249
General Wire tubing cutters 178
Gerber handles 73
Gerber repair parts 512-513
Gerber shower valve 90
Gerber Stems 44-45
GFI 168
GFI plates 169
Gloves, latex 184
Glue, PVC 190
Grab bars 14
Grid drain, brass 307-308
Grit tools 177
Ground Fault Interrupter 168
Guardian emergency eyewash stations 124-125
Guardian eyewash accessories 124-125
Hacksaw 184
Halsey Taylor bubbler parts 751755
Hammer arrester 304
Hand dryer 13
Hand held manual drain cleaner 185
Hand held shower heads 164-165
Hand held shower hoses 165
Hand held shower parts 166-167
Handicap toilet seat bar 14
Handle inserts 23
Handle pullers 178
Handle screws 23
Handle, Bradley 67
Handle, Briggs 67
Handle, Fiat 71
Handle, Lawler 75
Handles, American Standard 65-67
Handles, Central Brass 68
Handles, Chicago Faucet 68
Handles, Crane 69
Handles, Delta 69-70
Handles, Eljer 71
Handles, Fit-All 72
Handles, Gerber 73
Handles, Indiana Brass 73
Handles, Kohler 74-75
Handles, Leonard 76
Handles, Michigan Brass 76
Handles, Moen 76
Handles, Price Pfister 76
Handles, Royal Brass 77
Handles, Sayco 77
Handles, Speakman 77
Handles, Sterling 78
Handles, Streamway 78
Handles, Symmons 79
Handles, Union Brass 80
Handles, Valley 80
Handles, Water Saver 80
Handles, Wolverine 80
Handles, Zurn 81
Hanger straps, pipe 348
Harcraft stems 45
Heat proof grease 190
Hi temperature hoses 303
Highland Labs repair parts 514
Hiway waste arm 305
Hole cover, sink 30
Holesaw 177
Hose adapters and fittings 304
Hose aerator adapter 27
Hose bibb 788
Hose clamps, stainless steel 316
Hose guide, kitchen faucet 30
Hose wye 303
Hose, kitchen faucet 29
Hose, washing machine 788
Hoses, hand held shower 165
Hospital drain cleaner 189
Hot water heater thermostats 730
Hunter flush valve 268
Hydrant keys 181-182
Hydrant kits 758-761
Ice maker kit 297
Impeller, pump 737-738
Import stems 64
Indiana Brass handles 73
Indiana Brass stems 45
Inserts, handle 23
In-Sink-Erator disposal guard 285
Internal pipe wrench kit 180
J.R. Smith floor drain strainers 292
J.R. Smith hydrant kits 760
J.R. Smith wall hung carrier parts 259
J-Bend, brass 305
J-bend, PVC 321
Jet Swet kit 185
Josam floor drain strainers 289
Josam wall hung carrier parts 259
Josan hydrant kits 761
J-Tech flange 253
Jumbo wall plates 168-169
Kick stop, door 354
Kinetic water ram 232-233
Kinetic water ram parts 248-249
Kitchen faucet diverters 30

Kitchen faucet hose guide....30
Kitchen faucet spray head....29
Kitchen faucet spray hose....29
Kitchen faucets, B&K....84,85
Kitchen sink....100
Kohler balancing cartridge....46
Kohler basin rosette....30
Kohler bedpan washer....131
Kohler handles....74-75
Kohler repair parts....515-523
Kohler stems....46-48
Kohler stop valve key....181
Laboratory safety....108
Latex gloves....184
Lav shield....15, 85
Lavatory drain pop up....307
Lavatory drain vent....319
Lavatory faucets, B&K....84,85
Lavatory hangers....275
Lavatory pipe guard....14
Lavatory plungers....187
Lavatory pop-up drains....307
lavatory pop-up stoppers....315
Lavatory stop valves....296
Lavatory supply lines....295
Lawler handle....75
Leonard handles....76
Leonard stems & assemblies....49-50
Leonard Valve repair parts....525-527
Lift and turn tub drains....311-312
Light globe cover nut....169
Light switch....168
Light switch plate....168-169
LimeSolve scale remover....189
Liquid nails....189
Liquid soap dispenser....15
Liquid Wrench....191
Lock nut, faucet shank....30
Loose key stop valves....296-297
Magnet, door frame....353
Magnetic catch....352
Magnetic telescopic tool....184
Mansfield flush valve....268
Mansfield flush valve parts....136
Mechanical mixing valve....98
Metal retriever....184
Metcraft repair parts....528-558
Metering faucet, Delta....90
Metering faucet, Zurn....98
Metering faucets, Central Brass....87-88
Michigan Brass handles....76
Michigan Brass stems....50
Milwaukee stems....50
Mini hacksaw....184
Mini Jet....231
Mini Rooter XP....228-230
Mini-rooter parts....238-241
Mirror clip set....354
Mirrors, stainless steel....14,557
Mixet cartridge....51
Mixet repair parts....560
Mixing valve, mechanical (Zurn)....98
Modular phone jack assembly....169-170
Moen cartridge puller....182
Moen cartridges....51
Moen handles....76
Moen repair parts....561-564
Moen Stems....51
Mop sink strainer....101
Nipple extractors....180
Nipple for wall hung carrier....259
Nipples, black iron....333
Nipples, brass....331
Nipples, chrome plated....331
Nipples, galvanized....332
No hub couplings....316
No Hub torque wrench....180
Nut cracker....182
Nut, shank....30
Oasis bubbler parts....746
One shot drainer cleaner with odor blocker....189
Optima repair parts, Sloan....568-569
O-Ring kits....18
O-Rings....18-21
Overflow gasket, tub....310
Oversized wall plates....168-169
P.O. plug wrench....181
P.O. Plug, brass....306-307
Packing, stem....18
Packings....23
Paper towel dispensers....13
Partition hardware....357-369
Peerless....566-567
Phoenix stems....52
Phone jack unit....169-170
Pipe cutter, PVC....178
Pipe cutting tools....178
Pipe dope....191
Pipe freeze kit....223
Pipe hanger straps....348
Pipe insulation....346
Pipe repair clamps....347
Pipe repair kit....347
Pipe repair wrap....184
Pipe thread sealant....191
Pipe wrap....184
plastic tubular....322
Pliers, slip joint....181-182
Plug wrench....181
Plug, galvanized....338
Plumbers grease....190
Plumbers putty....191
Plumber's sanding cloth....183
Plumber's screen....183
Plunger carrying bag....187
Plungers....187
Polyseam seal....189
Pop up drain stoppers....315
Pop-up drains....307
Porcelain touch up paint....191
Posts, towel bar....12
Power Vee....226-227
Power Vee parts....237
Powers Process Controls repair parts....565
Powers shower cartridge....52
Pre-rinse units, T&S....97
Press fittings, copper....call for info!
Pressure assist commode kits....272-274
Pressure balancing cartridge, Kohler....46
Pressure plumber....188
Pressure relief valves....731
Price Pfister handles....76
Price Pfister stems....52-53
Price Pfister washer....23
Primer, glue....190
P-trap with cleanout, brass....305,307
P-trap, brass....305
P-trap, PVC....321
Pump couplings....733
Pump impeller....737-738
Pumps, circulating....734-735
Push button assemblies, Sloan (for concealed valves)....145, 150
push to connect fittings....327
Push-pull tub drains....311-312
PVC ball valves....342
PVC cleaner....190
PVC cleanout plug....317
PVC compression couplings....341
PVC cutting saw....184
PVC fittings....324-325
PVC glue....190
PVC pipe cutter....178
PVC tubular....320-322
PVC unions....341
Qestpex fittings....330
Quarter turn stop valves (lavatory and commode)....296-297
Quaturn repair parts....38
Quick disconnect, aerator....27
Quick fit partition kits....369
Quick snap lock fittings....323
Radiator spud wrench....179
Raised cleanout plug....317
Range hood filters....173
Range reflector pans....173
Receptacle plates....168-169
Recessed cleanout plug....317
Recessed toilet paper roller....10
Red brass fittings....335-336
Red brass nipples....331
Red hot sewer solvent....189
Red rubber garden hose....303
Renew seats....24-25
Repair clamps for pipe....347
Ridgid tubing cutters....178
Robe hook....13
Rod ends for shower bar....13
Rose spray adaptor....29
Royal Brass handles....77
Royal Brass stems....53
Rust remover....188
Safety accessories & parts....102-125
Safety strips, tub....13
Sanding cloth....183
Sanitary tee, DWV PVC....326
Sayco handles....77
Sayco stems....54
Sayco stems....54
Screen, plumber's....183
Screw drivers & tools....210-215
Screw extractor kit....183
Screw kit, bibb....18
Screw on seat disc, American Standard....271
Screwdriver....184
Screws, all types....192-209
Screws, handle....23
Seal out drain odor blocker....189
Seat extracting tool....183
Seat gauge....24
Seat kit....18
Seat removal tool....183
Seat tools....183
Seats, faucet....24-25
Security door latch....353
Sensor faucet repair parts, Sloan....568-569
Sensor faucet repair parts, Symmons....575
Sensor faucets....93
Sensor faucets, Zurn....99
Sensor flush valve parts, Sloan....146-149
Serrated nozzle, T&S....29
Service sink faucet, Central Brass....88
Service sink faucets, T&S....93
Service sink trap....101
Service sink, cast iron....101
Sewer auger heads....219
Sewer tape heads....219-221
Sewer tapes....218
Shampoo fixtures & accessories....126
Shank extension kit, faucet....29
Shank nut....30
Shank nut....297
Shank washer....30
Sharkbite fittings....328
Shower accessories, Delta....166
Shower arm....166
Shower arm escutcheon....167
Shower arm mount, for hand held showers....167
Shower cartridge, Danfoss....40
Shower cartridge, Mixet....51
Shower cartridge, Powers....52
Shower head adapters....166-167
Shower head diverter....166
Shower head flow restrictor....166-167

Shower head vacuum breaker 166
Shower heads 162-165
Shower heads, hand held 164-165
Shower rod ends 13
Shower rods 13
Shower seat 14
Shower valve, B&K 86
Shower valve, Gerber 90
Shower water dam 14
Side mount automatic flush sensor 130
Sight gauge glass 732
Signaling systems 102
Silcock 788
Silicone caulk 189
Sillcock keys 181
Single basin faucet, B&K 86
Sink bar drains 287
Sink clamps 275
Sink drain locks 289
Sink drain removal tool, commercial 180
Sink drain strainers 284
Sink drain, commercial 293-294
Sink hole cover 30
Sink trap guard 14
Sink waste outlet, brass 305-309
Sink, Zurn 280-281
Sinks 100-101
Sinks, cast iron 101
Slip joint cap nut 305
Slip joint coupling, brass 306-307
Slip joint coupling, PVC 320
Slip joint elbow, PVC 320
Slip joint extension tube 306,307
Slip joint extension tube, PVC 322
Slip joint nut washers, PVC 320
Slip joint nuts, brass 305
Slip joint nuts, PVC 320
Slip joint pliers 181-182
Slip joint tee, brass 307
Slip joint tee, PVC 320
Slip joint washers, rubber 306
Sloan bedpan washer 131,151-152
Sloan concealed flush valve parts 145
Sloan flush valve parts 138-152
Sloan repair parts 568-569
Sloan sensor flush valve parts 146-149
Sloan Super Wrench 181
Snake oil 222
Snap lock fittings 323
Snap on seat disc, American Standard 271
Soap dish 12
Soap dispenser 15
Soap proportioner 28
Soft jaw pliers 181
Solder 186
Soldering paste 186
Spanner flange 254
Speakman handles 77
Speakman repair parts 570-572
Speakman stems 55
Speed-rooter 234-235
Speed-rooter parts 242-247
Spiralink pump couplings 736
Split flange escutcheons 314
Split one shower flange 167
Spout, tub 313-314
Spray head, Guardian emergency eyewash 124-125
Spray head, kitchen faucet 29
Spray hose, kitchen faucet 29
Spray nozzle for garden hose 302-303
Spring check, brass 345
Spring check, PVC 342,345
Spring door stop 353
Spud friction rings 257
Spud nut 257
Spud wrench 179
Spud, toilet and urinal 257
Stainless steel hose clamps 316
Stainless steel mirrors 14
Stainless steel sinks 100
Stainless steel supply lines 295
Stem packing kit 18
Stem socket set 179
Stems, Acorn 31
Stems, American Brass 32
Stems, American Standard 33,35
Stems, Bradley 36
Stems, Central Brass 37
Stems, Chicago Faucets 38-39
Stems, Crane 40
Stems, Delta 41
Stems, Eljer 42
Stems, Elkay 43
Stems, Encore 42
Stems, Fisher 43
Stems, Gerber 44-45
Stems, Harcraft 45
Stems, import 64
Stems, Indiana Brass 45
Stems, Kohler 46-48
Stems, Leonard 49-50
Stems, Michigan Brass 50
Stems, Milwaukee 50
Stems, Moen 51
Stems, Price Pfister 52-53
Stems, Royal Brass 53
Stems, Sayco 54
Stems, Speakman 55
Stems, Sterling 56-57
Stems, Streamway 57
Stems, Symmons 58
Stems, T&S 59-60
Stems, Union Brass 61
Stems, Valley 62
Stems, Water Saver 63
Stems, Wolverine 63
Stems, Zurn 63
Sterling handles 78
Sterling stems 56-57
Stop valve key, Kohler 181
Stop valves, lavatory 296-297
Stopper, tub 312
Straight stop valves 296-297
Strainer basket wrench 181
Strainer baskets for sinks 284-286
Strainer wrench 180
Strainer, mop sink 101
Strainers, floor drain 288-290
Strap wrench 181
S-trap, brass 305
S-trap, PVC 321
Streamway handles 78
Streamway stems 57
Sunroc push rod kit 755
Super Vee 224-225
Super Vee parts 236
Supply lines 295
Support jack for commode 276
Sure vent 319
Sure vent 319
Swing check, brass 345
Switch plate, light 168-169
Swivel connector, for hand held showers 167
Symmons handles 79
Symmons repair parts 574-585
Symmons stems 58
T&S faucets 91-97
T&S gas valve 29
T&S pre-rinse units 97
T&S repair parts 586-608
T&S serrated nozzle 29
T&S service sink faucets 93
T&S stems 59-60
T&S wall support brackets 97
Taco pumps 735
Tailpiece wrench for flush valves 180
Tank to bowl bolt kits 255
Tank to bowl gaskets 270
Tank to bowl washers 255
Tape, duct 183
Tape, electrical 169
Tape, Teflon 183
Teflon tape 183
Teflon washer kit 18
Teflon washers 24
Telephone wall plate 169-170
Test plugs 319
Thermixer valve 98
Thermometer 182
Thermostat, hot water heater 730
Thermostatic tempering valve, Thermixer 98
Threaded tube, brass 308
Three bolt expandable commode flange 253
Three compartment sink drains 293-294
Tip toe stopper, tub drain 312
Toggle bolts 352
Toilet actuators, American Standard 271
Toilet bolt caps 256
Toilet bolt kits 255
Toilet flange 253
Toilet flange extension kit 253
Toilet flange repair kit 252
Toilet flappers 262-264
Toilet flush arms 265-267
Toilet jack 276
Toilet paper rollers/dispensers 10-11
Toilet plungers 187
Toilet seat bar, handicap 14
Toilet seat hinge nut wrench 180
Toilet seat wrench 259
Toilet seats 260-261
Toilet spud 257
Toilet stop valves 296-297
Toilet supply lines 295
Toilet tank bowl gaskets 270
Toilet wax seals 252
Toilet, American Standard 277
Toilet, Zurn 278-279
Tools 178-184
Tooth brush holder 12
Toto manual flush valve parts 153-154
Towel bar posts 12
Towel bars 12
Trap adapter, brass 309
Trap adapter, PVC 320
Trap guard kits 14
Trap, service sink 101
Trim rings, for ranges 173
Trip lever drain plate, tub 310
Tub & tile caulk 189
Tub drain flip plate assembly 310
Tub drain linkage 310
Tub drain removal tool 182
Tub drain strainer 310
Tub drains, brass 311-312
Tub face plate, blank 310
Tub safety strips 13
Tub spout 313-314
Tub stem socket set 179
Tub waste gasket 310
Tub waste shoe drain 309
Tub waste unit 310-312
Tubing bender 183
Tubing, copper 346
Tubular cutting tool 178
Tumbler holder 12
Union Brass handles 80
Union Brass stems 61
Unions, black iron 340
Unions, copper 341
Unions, galvanized 338
Unions, PVC 341
Urinal auger 217
Urinal flange 253

Urinal gasket....252
Urinal hanger brackets....275
Urinal outlet flanges....253
Urinal plugs....257
Urinal screen....253
Urinal spud....256
Urinal strainer....258
Urinal wax seals....252
Urinal, American Standard....277
Urinal, Zurn....279-280
Vacuum breaker, shower head....166
Vacuum breakers, Watts (288A)....304
Valley handles....80
Valley stems & cartridges....62
Vandal proof aerators....26-27
Wall access panels....172
Wall anchor kit....352
Wall bend, brass....305
Wall door stops....353-354
Wall guards....171
Wall hung carrier bolt kits....259
Wall hung carrier extension kit....259
Wall hung carrier nipple....259
Wall hung carrier parts....259
Wall hung commode gasket....252
Wall hung commode seal....252
Wall hung commode, Zurn....278
Wall hydrant kits....758-761
Wall mount water coolers....127
Wall patch....172
Wall support brackets, T&S....97
Wall switch....168
Washer kit....18
Washer, shank....30
Washers....22
Washers, Teflon....24
Washing machine box....788
Washing machine hoses....788
Waste arm, brass....305-306
Watco tub drains....311-312
Water coolers....127
Water dam....14
Water filters....301
Water fountain parts....742-757
Water fountains....127
Water hammer arrester....304
Water heater elements....730
Water line installation kit....297
Water ram parts....248-249
Water Saver handles....80
Water Saver stems....63
Watts vacuum breakers (288A)....304
Wax free toilet seal....252
Wax seals....252
Willoughby repair parts....610-718
Window screens & parts....356
Wire nuts....169
Wolverine handles....80
Wolverine stems....63
Wonder wrench, Zurn....159, 181
Woodford hydrant kits....780-785
Woodford hydrants....762-779
Wrench, basin....179
Wrench, Delta....180
Wrench, strainer....180
Zip it anchors....352
Zurn bedpan washer....131
Zurn cover plates....98
Zurn faucets....98-99
Zurn fixtures....278-279
Zurn floor drain strainers....291
Zurn flush valve parts....155-159
Zurn handles....81
Zurn hydrant kits....786-787
Zurn red seat washer....24
Zurn repair parts (faucets & fixtures)....720-726
Zurn sensor faucets....99
Zurn sinks....280-281
Zurn stems....63

NOTES:



North Carolina Department of Administration
HUB
Office *for*
Historically Underuitilized Businesses

CERTIFIED
SWaM Small, Women and Minority-Owned
Supplier Diversity Strengthens the Commonwealth
Virginia Department of Small Business and Supplier Diversity

P.O. Box 2887 | Greenville, NC 27836
P: (800) 520-0556 F: (800) 204-5630
sales@atlanticcoastalsupply.com | www.acsparts.net