

ASSE International

“Prevention Rather Than Cure”

Seal Authorization Booklet



January 23, 2019

Product listings are granted almost daily. This book is generated daily.
All active and inactive product listings are also listed on our website at: www.asse-plumbing.org.

Please contact us at listingcoordinator@asse-plumbing.org with any questions.

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LISTEE DIRECTORY

A. Y. McDonald Mfg. Co.

4800 Chavenelle Road
Dubuque, IA 52002
563-583-7311
www.aymcdonald.com
(ASSE 1003, ASSE 1011, ASSE 1019, ASSE 1024)

AB Durgo

Rasnndavagen 25
Box 3021 S-17103
SWEDEN
46 8 730 52 80
(ASSE 1050, ASSE 1051)

Ademco Inc. / Honeywell

251 Little Falls Drive
Wilmington, DE 19808
763 954 4816
(ASSE 1003, ASSE 1012, ASSE 1017, ASSE 1024, ASSE 1070, ASSE 1081)

AERCO, a Watts Regulator Company

100 Oritani Drive
Blauvelt, NY 10913
845-580-8000
http://aerco.com/contact
(ASSE 1017)

American Dish Service

900 Blake St
Edwardsville, KS 66111
913-422-3700
www.americandish.com
(ASSE 1004)

American Valve

4321 Piedmont Pkwy
Greensboro, NC 27410
336-668-0554
(ASSE 1019)

AMES Fire & Waterworks, a Watts Regulator Company

1485 Tanforan Ave
Woodland, CA 95776
530-666-2493
www.ames-co.com
(ASSE 1013, ASSE 1015, ASSE 1047, ASSE 1048)

Amtrol

1400 Division Rd
West Warwick, RI 07845-6098
401-884-6300
www.amtrol.com
(ASSE 1010)

Anderson Brass Co.

1629 W. Bobo Newsom
Highway
Hartsville, SC 29550
843-332-4111
www.andersonbrass.com
(ASSE 1022)

Apollo Valves / Conbraco Industries

1418 S Pearl St
PO Box 125
Pageland, SC 29728
843-672-1630
www.apollovalves.com
(ASSE 1001, ASSE 1003, ASSE 1011, ASSE 1012, ASSE 1013, ASSE 1015, ASSE 1017, ASSE 1020, ASSE 1022, ASSE 1024, ASSE 1035, ASSE 1047, ASSE 1048, ASSE 1052, ASSE 1056, ASSE 1060, ASSE 1069, ASSE 1070, ASSE 1071)

Aquor

240 Airport Road
Port Townsend, WA 98368
360-385-3315
www.aquorwatersystems.com
(ASSE 1019)

ARI Flow Control Accessories

Kibbutz Kfar Charuv
ISRAEL
97-2-4-6761800
www.arivalves.com
(ASSE 1013, ASSE 1015, ASSE 1020)

Armstrong Hot Water Group

221 Armstrong Blvd
Three Rivers, MI 49093-2374
269-279-3602
www.armstronginternational.com
(ASSE 1016, ASSE 1017)

Arrowhead Brass & Plumbing LLC

5147 Alhambra Ave.
Los Angeles, CA 90032
323-221-9137
www.arrowheadbrass.com
(ASSE 1011, ASSE 1019, ASSE 1053)

ASBE Acquisition, LLC dba AquaShield

2020 W. 38th St.
North Little Rock, AR 72118
501-791-1800
www.aquashieldenclosures.com
(ASSE 1060)

Ayrlett, LLC

1424 1st South
Nampa, ID 83654
208-442-9053
www.ayrlett.com
(ASSE 1010, ASSE 1050, ASSE 1051)

B&K LLC

8285 Tournament Drive
Memphis, TN 38125
901-751-7743
(ASSE 1019)

Backflow Direct, LLC

2484 Mercantile Drive
Rancho Cordova, CA 95742
916-760-4524
www.backflowdirect.com
(ASSE 1013, ASSE 1015)

BEECO (division of MIFAB, Inc.)

1321 W 119th St
Chicago, IL 60643
773-341-3017
(ASSE 1001, ASSE 1003, ASSE 1012, ASSE 1013, ASSE 1015, ASSE 1048)

Belvedere USA Corp.

One Belvedere Blvd.
Belvedere, IL 61008
815-544-3131
www.belvedereco.com
(ASSE 1001)

BF Products, Inc.

1327-J Wood Branch Dr.
Charlotte, NC 28206
704-599-9407
http://www.bfproductsinc.com/
(ASSE 1060)

Bradley Corporation

W142 N9101 Fountain Blvd
Menomonee Falls, WI 53051
262-532-5975
www.bradleycorp.com
(ASSE 1016, ASSE 1017, ASSE 1069, ASSE 1070, ASSE 1071)

Brightwell Dispensers Inc

9567 Alden Street
Lenexa, KS 66215
913-956-4909
(ASSE 1055)

Cambridge Brass, Inc.

140 Orion Place
CANADA
800-724-3906
www.cbrass.com
(ASSE 1024)

Canplas Industries Ltd.

500 Veterans Dr
PO Box 1800
CANADA
705-726-3361
www.canplas.com
(ASSE 1051)

Cash Acme / Reliance Worldwide Corp

2300 Defoor Hills Rd. NW
Atlanta, GA 30318
256-775-8186
www.cashacme.com
(ASSE 1001, ASSE 1003, ASSE 1010, ASSE 1011, ASSE 1012, ASSE 1017, ASSE 1024, ASSE 1062, ASSE 1069, ASSE 1070)

Chicago Faucet / A Geberit Company

2100 S Clearwater Dr
Des Plaines, IL 60018-5999
847-803-5000 x235
www.chicagofaucet.com
(ASSE 1001, ASSE 1016, ASSE 1017, ASSE 1069, ASSE 1070)

Chudnow Mfg. Co., Inc.

3055 New St. Box 10
Oceanside, NY 11572
516-593-4222
www.chudnowmfg.com
(ASSE 1032)

Chung Cheng Faucet Co.

No. 279 Hsing Ho Road
Wang Tyan Li, Tatu District
TAIWAN, PROVINCE OF CHINA
886-4-2693-2506
www.ccf.com.tw
(ASSE 1016)

Contractor Sales

11450 E. Blue Cove Drive
Dunnellon, FL 34432
gary_harrison@quickvent.net
(ASSE 1050, ASSE 1051)

Cornelius, Inc.

500 Regency Drive
Glendale Heights, IL 60139
630-539-6866
www.cornelius.com
(ASSE 1032)

Crane Plumbing c/o American Standard

706 Hwy 3057
Somerset, KY 42501
800-546-5476
www.cranepumbing.com
(ASSE 1001)

Danco, Inc

2727 Chemsearch Blvd
Irving, TX 75062
972-438-0272
www.gomjsi.com
(ASSE 1002)

Dekorra Products LLC

PO Box 338
Rio, WI 53960
920-992-6535
www.dekorraproducts.com
(ASSE 1060)

Dema Engineering

10020 Big Bend Rd
St Louis, MO 63122
314-966-3533
www.demaeng.com
(ASSE 1001, ASSE 1055)

Diversey

1410 Newman Road
Racine, WI 53406
831-417-3588
www.johnsondiversey.com
(ASSE 1001, ASSE 1055)

Eastern Foundry & Fittings
10 Brodie Drive
Unit #1
CANADA
905-883-6869
www.eff-fitting.com
(ASSE 1010)

Ecolab, Inc.
1 Ecolab Place
St Paul, MN 55102
651-293-4654
(ASSE 1001, ASSE 1055)

Everflow Industrial Supply Corp
16F, NO.401, SEC.1 CHUNG SHAN ROAD
TAIWAN, PROVINCE OF CHINA
886-2-85123300
www.everflowind.com
(ASSE 1010)

FEBCO, a Watts Regulator Company
583 S. Main St.
Franklin, NH 03235
910-865-8241
www.febcoonline.com
(ASSE 1001, ASSE 1013, ASSE 1015, ASSE 1020, ASSE 1047, ASSE 1048)

Ferguson Enterprises c/o Precision Plumbing Product
802 SE 199th Ave
Portland, OR 97233
503-256-4010
www.ferguson.com
(ASSE 1018)

Ferguson PROFLO® c/o Oatey Company
4700 West 160th Street
Cleveland, OH 44149
216-267-7100
(ASSE 1050, ASSE 1051)

Flomatic Corporation
15 Pruyn's Island Dr
Glens Falls, NY 12801
518-761-9797
http://www.flomatic.com/
(ASSE 1003)

Fluidmaster Inc
30800 Rancho Viejo Rd
San Juan Capistrano, CA 92675
949-728-2400
www.fluidmaster.com
(ASSE 1002)

Ford Meter Box Company, Inc
775 Manchester Ave
PO Box 398
Wabash, IN 46992-0443
260-563-3171
www.fordmeterbox.com
(ASSE 1024)

Frajon Valves, Inc.
8461 Possum Hollow Rd, Unit 104A
Indian Land, SC 29707
561-702-9943
(ASSE 1050, ASSE 1051)

Fu San Machinery Co., Ltd
51 Haddonfield Rd
Suite 150
Cherry Hill, NJ 08002
856-779-9200
www.fusan.com.tw/english
(ASSE 1003)

Fu San Valve
No.8 Fuyuan Road
Fu 'An Town,
CHINA
0512-65288865
Fusan.com.tw
(ASSE 1010, ASSE 1011, ASSE 1019)

G & C Enclosures, Inc.
60 Athens Dr
Mt Juliet, TN 37122
615-754-6565
www.gcenclosures.com
(ASSE 1060)

Gerber Plumbing Fixtures
2500 Internationale Parkway
Woodridge, IL 60517
630-410-0006
www.gerberonline.com
(ASSE 1016)

Giacomini s.p.a.
Via Per Alzo 39 1-28017
San Maurizio
ITALY
390-322-923-372
www.giacomini.com
(ASSE 1012, ASSE 1017, ASSE 1024)

Guardian Equipment
600 N Union Street
Chicago, IL 60610
312-447-8100
www.gesafety.com/
(ASSE 1071)

Hajoca (MAINLINE® & BRIGADE™) c/o IPS Corp
Global Support Center
3100 Cumberland Blvd.
Atlanta, GA 30339
770-852-9056
(ASSE 1010, ASSE 1050, ASSE 1051)

Heat-Timer Corp.
20 New Dutch Lane
Fairfield, NJ 07004
973-575-4004
www.heat-timer.com
(ASSE 1017)

Hendrickson Brothers
2931 Rimpau Avenue
Corona, CA 92881
951-737-6822
(ASSE 1011)

Ho Sing Enterprises Co., Ltd.
626 Sec 4 Lu Ho Rd.
TAIWAN, PROVINCE OF CHINA
(ASSE 1010)

Hoepfner Perfected Products
7796 Oak Spring Circle
Gilroy, CA 95020
408-847-7615
www.freezeflow.com
(ASSE 1057)

Holby Valve Inc.
24 Ferdon St
Newark, NJ 07105
973-775-2524
www.holby.com
(ASSE 1017)

Homewerks Worldwide c/o PT Ever Age Valves Metals
JL RAYA SUMENGKO KM30, 7 WRINGINANOM
INDONESIA
6231-8976388
(ASSE 1019)

Hsien Chang Metals Co.
15-11 Tour Luen Lane
Tour-Luen Li Lu-Kang
TAIWAN, PROVINCE OF CHINA
886-4-771-1864
www.faucet.com.tw
(ASSE 1011, ASSE 1016, ASSE 1070)

Hubbell Lenoir City, Inc.
3621 Industrial Park Drive
Lenoir City, TN 37771
800-736-0238
www.hot-box.com
(ASSE 1060)

Hunter Industries
1940 Diamond St.
San Marcos, CA 92078
760-744-5240
www.hunterindustries.com
(ASSE 1001)

Hydro Systems Co.
3798 Roundbottom Rd
Cincinnati, OH 45244-2413
513-842-2580
(ASSE 1055)

I-Con Systems, Inc.
3100 Camp Road
Oviedo, FL 32765
407-365-6241
www.i-consys.com
(ASSE 1037)

In-Sink-Erator Corp
1250 International Drive
Mount Pleasant, WI 53177
262-598-5249
www.insinkerator.com
(ASSE 1008, ASSE 1023)

IPS Corporation
500 Distribution Parkway
Collierville, TN 38017
901-853-5001
www.ipscorp.com
(ASSE 1010)

James Jones Company
4127 Temple City Blvd.
El Monte, CA 91731
818-443-6100
(ASSE 1024)

JAY R. SMITH MFG., CO.
2781 Gunter Park E.
PO Box 3237
Montgomery, AL 36109-0237
334-260-5207
www.jrsproducts.com
(ASSE 1010, ASSE 1018, ASSE 1019, ASSE 1044, ASSE 1052, ASSE 1053, ASSE 1072)

Josam Company
525 W. US 20
Michigan City, IN 46360
(ASSE 1018)

Knight, LLC
15340 Barranca Parkway
Irvine, CA 92618
949-595-4804
www.knightequip.com
(ASSE 1055)

Kohler Company
444 Highland Dr MS 073
Kohler, WI 53044-1515
920-457-4441
www.kohler.com
(ASSE 1002)

Kohler-Mira
Cromwell Road
UNITED KINGDOM
44-124-228-2326
www.mirashowers.com
(ASSE 1016, ASSE 1017, ASSE 1069, ASSE 1070)

Korea Seal Technologies
202-601, Chunui Technopark
202, Chunui-Dong, Wonmi-Gu
KOREA, REPUBLIC OF
82-32-623-0810
(ASSE 1010)

Krowne Metal Corporation
100 Haul Road
Wayne, NJ 07470
973-305-3313
(ASSE 1001)

Lancer Corporation
6655 Lancer Blvd.
San Antonio, TX 78219
210-310-7024
www.lancercorp.com
(ASSE 1032)

LaSalle Bristol
601 County Road 17
Elkhard, IN 46515
574-295-4400
www.lasallebristol.com
(ASSE 1050, ASSE 1051)

Lavelle Industries
1215 Universal Boulevard
Whitewater, WI 53190
800-528-3553
www.lavelle.com
(ASSE 1002)

Lawler Manufacturing Company, Inc.
5330 E 25th St
Indianapolis, IN 46218
317-261-1212
www.lawlervalve.com
(ASSE 1016, ASSE 1017, ASSE 1069, ASSE 1070, ASSE 1071)

Legend
300 N Oydyke Rd
Auburn, MI 48326
248-630-7400
www.legendvalve.com
(ASSE 1003, ASSE 1011, ASSE 1012, ASSE 1017, ASSE 1019, ASSE 1024)

Leonard Valve
1360 Elmwood Ave
Cranston, RI 02910
401-461-1200
www.leonardvalve.com
(ASSE 1016, ASSE 1017, ASSE 1069, ASSE 1070, ASSE 1071)

Manitowoc Beverage Systems
2100 Future Drive
Sellersburg, IN 47172
812-748-3328
www.manitowacbeverage.com
(ASSE 1032)

Mansfield Plumbing Products
150 E. First St.
Perrysville, OH 44864-9412
419-938-1431
www.mansfieldplumbing.com
(ASSE 1002)

Matco-Norca, Inc
Route 22 Brewster Busines
PO Box 27
Brewster, NY 10509
845-278-7570 ext 8051
www.matco-norca.com
(ASSE 1011, ASSE 1019)

MIFAB, Inc.
1321 West 119th St
Chicago, IL 60643
773-341-3030
www.mifab.com
(ASSE 1010, ASSE 1011, ASSE 1018, ASSE 1019, ASSE 1072)

Misco Products
Misco Products
1048 Stinson Drive
Reading, PA 19605
1-800-548-4568
(ASSE 1055)

Moen, Inc.
25300 Al Moen Dr
North Olmsted, OH 44070
440-962-2000
www.moen.com
(ASSE 1016, ASSE 1037)

Mueller Company
500 West Eldorado St
Decatur, IL 62525
217-423-4471
www.muellercompany.com
(ASSE 1024)

Murdock Manufacturing
15125 Proctor Ave
City of Industry, CA 91746
513-471-7700
www.murdock-supersecur.com
(ASSE 1057)

Neptune Technology Group Inc
1600 Alabama Highway 229
Tallasse, AL 36078
334-283-6555
www.neptunetg.com
(ASSE 1015)

Ning Woei Enterprises Co. Ltd.
81-1 Kuo Chain Li
LuKong Town
TAIWAN, PROVINCE OF CHINA
886-4-771-5399
(ASSE 1019)

Oatey Company
4700 West 160th St
Cleveland, OH 44135-2632
216-267-7100
www.oatey.com
(ASSE 1002, ASSE 1010, ASSE 1050, ASSE 1051)

Paxton Controls, LLC
375 East 182nd Street
Bronx New York, NY 11221
401-396-5110
(ASSE 1017)

Piedmont Well Covers
1135 Mazepa Road
Mt. Ulla, NC 28125
704-664-8488
(ASSE 1060)

Pops Technologies LLC
26A Elk Terminal
Buffalo, NY 14204
416-906-2904
(ASSE 1055)

Powers, a Watts Regulator Company
815 Chestnut St
North Andover, MA 01845
978-689-6175
www.powerscontrols.com
(ASSE 1016, ASSE 1017, ASSE 1062, ASSE 1069, ASSE 1070, ASSE 1071)

Precision Plumbing Products
802 SE 199th Ave
Portland, OR 97233
503-256-4010
www.pppinc.net
(ASSE 1010, ASSE 1018, ASSE 1044, ASSE 1062, ASSE 1066, ASSE 1072)

PRIER Products, Inc.
4515 E. 139th St
Grandview, MO 64030
816-763-4100
www.prier.com
(ASSE 1011, ASSE 1019, ASSE 1052)

PT Ever Age Valves Metals
JL. Raya Sumengko KM 30
7 Wringinanom Gresik
INDONESIA
62-31-897-8388
www.everagevalvesmetals.com
(ASSE 1010, ASSE 1011, ASSE 1019)

PVI, a Watts Regulator Company
3209 Galvez Avenue
Fort Worth, TX 76111-4509
817-335-9531
http://www.pvi.com/
(ASSE 1017)

Rain Bird Corporation
1000 W Sierra Madre
Azusa, CA 91702
626-812-3628
www.rainbird.com
(ASSE 1001)

RectorSeal, LLC
2601 Spenwick Drive
Houston, TX 77055
253-564-0624
www.rectorseal.com
(ASSE 1051, ASSE 1072)

Rohl, LLC
3 Parker
Irvine, CA 92618-1605
www.rohlhome.com
(ASSE 1016)

SAFE-T-COVER
2710 Landers Ave.
Nashville, TN 37211
615-259-4495
www.safe-t-cover.com
(ASSE 1060)

Seko SpA
Via Salaria KM 92, 200
ITALY
39-0746-605869
(ASSE 1055)

Sioux Chief Mfg. Co. Inc.
24110 S Peculiar Dr
PO Box 397
Peculiar, MO 64078-9247
800-821-3944
www.siouxchief.com
(ASSE 1010, ASSE 1018, ASSE 1044, ASSE 1050, ASSE 1051, ASSE 1072)

Sloan Flushmate
30075 Research Dr
New Hudson, MI 48165
248-446-5300
www.sloanflushmate.com
(ASSE 1037)

Sloan Valve Company
10500 Seymour Ave
Franklin Park, IL 60131
800-982-5839
www.sloanvalve.com
(ASSE 1001)

Speakman Co.
P.O. Box 191
Wilmington, DE 19899
302-764-7100
(ASSE 1071)

Steamist Inc.
25 East Union Ave
East Rutherford, NJ 07073
201-933-0700
(ASSE 1016)

Studor Ltd.
13 Sheridan Terrace
UNITED KINGDOM
www.studor.net
(ASSE 1049, ASSE 1050, ASSE 1051)

Sunburst Chemicals
220 W 86th St
Bloomington, MN 55420-2702
952-884-3144
www.sunburstchemicals.com
(ASSE 1055)

T & S Brass & Bronze Works, Inc.
PO Box 1088
Travelers Rest, SC 29690-1088
800-476-4103
www.tsbrass.com
(ASSE 1001)

Taco, Inc.
1160 Cranston St
Cranston, RI 02920
401-942-8000
www.taco-hvac.com
(ASSE 1003, ASSE 1012, ASSE 1017, ASSE 1070, ASSE 1081)

TAHO Valves
No. 11 Changbin East 11 Rd
Siansi
TAIWAN, REPUBLIC OF CHINA
886-4-7910168
(ASSE 1010)

Te-Cheng Industrial Co., Ltd.
no primary address set
02-886-4-7714962
(ASSE 1011)

Technical Machining Services, Inc
1201 N. 8th Street
P.O. Box 1256
Rogers, AR 72757-1259
www.mafcoinc.com
(ASSE 1019)

Toro Company
5825 Jasmine St.
Riverside, CA 92504
951-785-3629
www.toro.com
(ASSE 1001, ASSE 1020)

TOTO USA C/O Globe Union Industrial
22 Chien-Kuo Rd T.E.P.Z.
CHINA
(ASSE 1016)

TOTO USA, Inc.
5351 E Jurupa St
Ontario, CA 91761
909-974-5678
(ASSE 1011, ASSE 1016, ASSE 1037, ASSE 1070)

Tsangkuo Industrial Co. Ltd.
No 188 Nan Shin Lane, Tou Nan Li
TAIWAN, REPUBLIC OF CHINA
886-4-763-0082
(ASSE 1011)

Valley Forge/Ayrlett
824 E. Fargo Ave.
Nampa, ID 83687
888-992-9753
(ASSE 1051)

Val-Matic Valve
905 Riverside Dr
Elmhurst, IL 60126
630-941-4665
www.valmatic.com
(ASSE 1063, AWWA C512)

Wade Specification Drainage Products
11910 CR 492
Tyler, TX 75706
903-882-5511
(ASSE 1010)

WaterSaver Faucet
701 W. Erie Street
Chicago, IL 60654
312-666-5500
(ASSE 1001, ASSE 1024, ASSE 1071)

Watts Regulator Company
815 Chestnut St
N Andover, MA 01845
978-689-6175
www.wattsind.com
(ASSE 1001, ASSE 1003, ASSE 1010, ASSE 1011, ASSE 1012, ASSE 1013, ASSE 1015, ASSE 1017, ASSE 1018, ASSE 1019, ASSE 1020, ASSE 1022, ASSE 1024, ASSE 1032, ASSE 1035, ASSE 1047, ASSE 1048, ASSE 1052, ASSE 1056, ASSE 1060, ASSE 1069, ASSE 1070, ASSE 1079)

WDI Technology
3 Musick St.
Irvine, CA 92618-1638
949-250-4576
(ASSE 1002)

Wilkins / A Division of Zurn
1747 Commerce Way
Paso Robles, CA 93446
805-237-7100
www.zurnwilkins.com
(ASSE 1001, ASSE 1003, ASSE 1010, ASSE 1011, ASSE 1012, ASSE 1013, ASSE 1015, ASSE 1017, ASSE 1020, ASSE 1022, ASSE 1024, ASSE 1035, ASSE 1047, ASSE 1048, ASSE 1056, ASSE 1070)

Wolseley PLC c/o Ho Sing Enterprises
12500 Jefferson Ave.
Newport News, VA 23602
757-874-7795
(ASSE 1010)

Wolverine c/o Conbraco
1418 S. Pearl St.
Pageland, SC 29728
704-847-9191
(ASSE 1003, ASSE 1012, ASSE 1024)

Woodford Mfg. Co.
2121 Waynoka Rd
Colorado Springs, CO 80915
719-574-0600
www.woodfordmfg.com
(ASSE 1011, ASSE 1019, ASSE 1035, ASSE 1052, ASSE 1053, ASSE 1057)

Zurn Industries, Inc.
1301 Raspberry Street
Erie, PA 16514
814-875-1263
www.zurn.com
(ASSE 1001, ASSE 1010, ASSE 1011, ASSE 1014, ASSE 1016, ASSE 1018, ASSE 1019, ASSE 1037, ASSE 1052, ASSE 1072)

**STANDARD #ASSE
1001**

**Atmospheric Type
Vacuum Breakers
ASSE-2017**

**Cash Acme / Reliance
Worldwide Corp**
Revision: 2017
Model: V-101 (V-101C
Chrome-plated)
Size: 1 inch
Issued: 9/1/1987
Amended: 10/6/2010,
9/20/2018

Revision: 2017
Model: V-101 (V-101C
Chrome-plated)
Size: 1/2 inch
Issued: 9/1/1987
Amended: 10/6/2010,
9/20/2018

Revision: 2017
Model: V-101 (V-101C
Chrome-plated)
Size: 3/4 inch
Issued: 9/1/1987
Amended: 10/6/2010,
9/20/2018

Ecolab, Inc.
Revision: 2017
Model: A-25F
Size: 1/4 inch
Issued: 12/5/1988

Revision: 2017
Model: A375-M
Size: 3/8 inch
Issued: 6/9/2015

Hunter Industries
Revision: 2017
Model: PGV-075-ASV
3/4"
Issued: 1/4/2000
Amended: 1/1/2003,
11/30/2006, 2/17/2009,
4/24/2018

Revision: 2017
Model: PGV-075-ASV-S
3/4" (Slip)
Issued: 1/4/2000
Amended: 1/1/2003,
11/30/2006, 2/17/2009,
4/24/2018

Revision: 2017
Model: PGV-101-ASV 1"
Issued: 1/4/2000
Amended: 1/1/2003,
11/30/2006, 2/17/2009,
4/24/2018

Revision: 2017
Model: PGV-101-ASV-S
1" (Slip)
Issued: 1/4/2000
Amended: 1/1/2003,
11/30/2006, 2/17/2009,
4/24/2018

**Krowne Metal
Corporation**
Revision: 2017
Model: .
Issued: 5/3/2018

Revision: 2017
Model: 21-450L, 21-
455L
21-450L Atmospheric
Vacuum Breaker, 21-
455L U-Shaped Vacuum
Breaker Assembly
Issued: 5/3/2018

**Apollo Valves /
Conbraco Industries**
Revision: 2008
Model: AVB1 & AVB1LF
Size: 3/4"
AVB1 w/ NPT or RP
(British) Threads &
AVB1LF w/ NPT Threads
Issued: 8/21/1969
Amended: 4/28/2009,
8/9/2010

Revision: 2008
Model: AVB1 & AVB1LF
Size: 3/8"
AVB1 w/ NPT or RP
(British) Threads &
AVB1LF w/ NPT Threads
Issued: 8/21/1969
Amended: 4/28/2009,
8/9/2010

Revision: 2008
Model: AVB1 & AVB1LF
Size: 1"
AVB1 w/ NPT or RP
(British) Threads &
AVB1LF w/ NPT Threads
Issued: 8/21/1969
Amended: 4/28/2009,
8/9/2010

Revision: 2008
Model: AVB1 & AVB1LF
Size: 1 1/2"
NPT Threads
Issued: 8/21/1969
Amended: 4/28/2009,
8/9/2010

Revision: 2008
Model: AVB1 & AVB1LF
Size: 1 1/4"
NPT threads
Issued: 8/21/1969
Amended: 4/28/2009,
8/9/2010

Revision: 2008
Model: AVB1 & AVB1LF
Size: 1/2"
AVB1 w/ NPT or RP
(British) Threads &
AVB1LF w/ NPT Threads
Issued: 8/21/1969
Amended: 4/28/2009,
8/9/2010

Revision: 2008
Model: AVB1 & AVB1LF
Size: 1/4"
AVB1 w/ NPT or RP
(British) Threads &
AVB1LF w/ NPT Threads
Issued: 8/21/1969

Revision: 2008
Model: AVB1 & AVB1LF
Size: 2"
NPT Threads
Issued: 8/21/1969
Amended: 4/28/2009,
8/9/2010

Revision: 2008
Model: AVB2
Size: 1/2" FNPT
Issued: 3/12/2003
Amended: 4/12/2005,
8/5/2010, 8/9/2010

Revision: 2008
Model: AVB2
Size: 1/4" FNPT
Issued: 3/12/2003
Amended: 4/12/2005,
8/5/2010, 8/9/2010

Revision: 2008
Model: AVB2
Size: 3/4" FNPT
Issued: 3/12/2003
Amended: 4/12/2005,
8/5/2010, 8/9/2010

Revision: 2008
Model: AVB2
Size: 3/8" FNPT
Issued: 3/12/2003
Amended: 4/12/2005,
8/5/2010, 8/9/2010

**BEECO (division of
MIFAB, Inc.)**
Revision: 2008
Model: ASVB
Size: 1/2"
-B & -CP options & lead
content less than or
equal to .25%
Issued: 1/11/2011

Revision: 2008
Model: ASVB
Size: 1/4"
-B & -CP options & lead
content less than or
equal to .25%
Issued: 1/11/2011

Revision: 2008
Model: ASVB
Size: 3/4"
-B & -CP options & lead
content less than or
equal to .25%
Issued: 1/11/2011

Revision: 2008
Model: ASVB
Size: 3/8"
-B & -CP options & lead
content less than or
equal to .25%
Issued: 1/11/2011

Belvedere USA Corp.
Revision: 2008
Model: 403
Size: 1/4 inch
Issued: 3/11/1993

Revision: 2008
Model: 403L
Size: 1/4 inch
Issued: 3/11/1993

**Chicago Faucet / A
Geberit Company**
Revision: 2008
Model: 734
Size: 3/4 inch
-CP Chrome Plate.
Exemption from
displaying the ASSE Seal
Logo granted
12/29/2005
Issued: 8/27/1991
Amended: 5/10/2004,
5/24/2016

Revision: 2008
Model: 892, 892G
Size: 1/2"
Exemption granted from
displaying the logo
11/21/2005
Issued: 8/27/1991
Amended: 11/21/2005,
7/21/2010

Revision: 2008
Model: 893
Size: 3/8"
Exemption granted from
displaying the logo
11/21/2005
Issued: 8/27/1991
Amended: 11/21/2005,
7/21/2010

**Crane Plumbing c/o
American Standard**
Revision: 2008
Model: 830-AA Service
Sink Faucet
Issued: 5/19/1999

Dema Engineering
Revision: 2008
Model: 58-1
Exemption from
displaying the seal
granted 10/20/2005
Issued: 11/3/1999

Diversey
Revision: 2008
Model: E232030
Size: 3/8 inch
Issued: 1/3/1997
Amended: 3/1/1997,
11/16/2006, 2/4/2011

Ecolab, Inc.
Revision: 2008
Model: Distributor 3000
Issued: 3/13/1995

Revision: 2008
Model: Distributor 3000
PKD
Issued: 3/13/1995

Revision: 2008
Model: Distributor 600
PKD
Issued: 3/13/1995

Revision: 2008
Model: Dryview
Dispenser
Issued: 3/13/1995

Revision: 2008
Model: Keystone
Distributor 600 PKD
Issued: 3/13/1995

**FEBCO, a Watts
Regulator Company**
Revision: 2008
Model: 710 (LF)
Size: 1 inch
Issued: 7/8/1981
Amended: 12/22/2003,
2/24/2010

Revision: 2008
Model: 710 (LF)
Size: 1-1/2 inch
Issued: 7/8/1981
Amended: 12/22/2003,
2/24/2010

Revision: 2008
Model: 710 (LF)
Size: 1-1/4 inch
Issued: 7/8/1981
Amended: 12/22/2003,
2/24/2010

Revision: 2008
Model: 710 (LF)
Size: 2 inch
Issued: 7/8/1981
Amended: 12/22/2003,
2/24/2010

Revision: 2008
Model: 715 (LF)
Size: 1/2 inch
Issued: 7/8/1981
Amended: 12/22/2003,
2/24/2010

Revision: 2008
Model: 715 (LF)
Size: 3/4 inch
Issued: 7/8/1981
Amended: 12/22/2003,
2/24/2010

Hydro Systems Co.
Revision: 2008
Model: 10092530
Size: 1/4"
Threaded connections
Issued: 11/13/2008

Rain Bird Corporation

Revision: 2008
 Model: 075-ASVF
 Size: 3/4 inch
 Issued: 5/12/1994
 Amended: 1/14/2004,
 1/29/2013

Revision: 2008
 Model: 075-DAS
 Size: 3/4 inch
 Issued: 5/12/1994
 Amended: 1/14/2004,
 1/29/2013

Revision: 2008
 Model: 100-ASVF
 Size: 1 inch
 Issued: 5/12/1994
 Amended: 1/14/2004,
 1/29/2013

Revision: 2008
 Model: 100-DAS
 Size: 1 inch
 Issued: 5/12/1994
 Amended: 1/14/2004,
 1/29/2013

Sloan Valve Company

Revision: 2008
 Model: V-500-A & V-500-AA
 Size: 1 1/2 inch
 Exemption granted for certain product marking requirements.
 Issued: 10/23/1988
 Amended: 3/31/2011,
 9/12/2017

Revision: 2008
 Model: V-500-A & V-500-AA
 Size: 1 1/4 inch
 Exemption granted for certain product marking requirements.
 Issued: 10/23/1988
 Amended: 9/12/2017

Revision: 2008
 Model: V-500-A & V-500-AA
 Size: 1 inch
 Exemption granted for certain product marking requirements.
 Issued: 10/23/1988
 Amended: 9/12/2017

Revision: 2008
 Model: V-500-A & V-500-AA
 Size: 3/4 inch
 Exemption granted for certain product marking requirements.
 Issued: 10/23/1988
 Amended: 9/12/2017

Revision: 2008
 Model: V-600 A & V-600 AA
 Size: 3/4 inch
 Exemption granted for certain product marking requirements.
 Issued: 10/23/1988
 Amended: 12/21/2009,
 9/12/2017

Revision: 2008
 Model: V-600-A & V-600-AA
 Size: 1 1/2 inch
 Exemption granted for certain product marking requirements.
 Issued: 10/23/1988
 Amended: 12/21/2009,
 9/12/2017

Revision: 2008
 Model: V-600-A & V-600-AA
 Size: 1 1/4 inch
 Exemption granted for certain product marking requirements.
 Issued: 10/23/1988
 Amended: 12/21/2009,
 3/31/2011, 9/12/2017

T & S Brass & Bronze Works, Inc.

Revision: 2008
 Model: B-0968
 Size: 3/8 inch
 Issued: 9/19/1996
 Amended: 10/14/2008

Revision: 2008
 Model: B-0969
 Size: 1/2 inch
 (Also sold as Q015484-40)
 Issued: 5/14/1986
 Amended: 10/14/2008

Toro Company

Revision: 2008
 Model: 2706PR
 Size: 3/4 inch
 Issued: 8/2/1999
 Amended: 12/1/2002,
 5/9/2005, 10/26/2010

Revision: 2008
 Model: 2709PR
 Size: 1 inch
 Issued: 8/2/1999
 Amended: 12/1/2002,
 5/9/2005, 10/26/2010

Revision: 2008
 Model: 2711APR
 Size: 3/4 inch
 Issued: 8/2/1999
 Amended: 12/1/2002,
 5/9/2005, 10/26/2010

Revision: 2008
 Model: 2711DPR
 Size: 3/4 inch
 Issued: 8/2/1999
 Amended: 12/1/2002,
 5/9/2005, 10/26/2010

Revision: 2008
 Model: 2713APR
 Size: 1 inch
 Issued: 8/2/1999
 Amended: 12/1/2002,
 5/9/2005, 10/26/2010

Revision: 2008
 Model: 2713DPR
 Size: 1 inch
 Issued: 8/2/1999
 Amended: 12/1/2002,
 5/9/2005, 10/26/2010

Revision: 2008
 Model: 54000
 Size: 3/4 inch
 Issued: 8/2/1999
 Amended: 12/1/2002,
 5/9/2005, 10/26/2010

Revision: 2008
 Model: 54000AVB
 Size: 3/4 inch
 Issued: 8/2/1999
 Amended: 12/1/2002,
 5/9/2005

Revision: 2008
 Model: EZ-FLO - EZF 029-03
 Size: 3/4 inch AVB
 Issued: 2/9/2001
 Amended: 12/1/2002,
 3/17/2005, 5/9/2005,
 10/25/2010, 10/26/2010

Revision: 2008
 Model: EZ-FLO - EZF 029-04
 Size: 1 inch AVB
 Issued: 2/9/2001
 Amended: 12/1/2002,
 3/17/2005, 5/9/2005,
 10/25/2010, 10/26/2010

Revision: 2008
 Model: Lawn Genie L 4010
 Issued: 8/2/1999
 Amended: 12/1/2002,
 5/9/2005, 10/26/2010

Revision: 2008
 Model: Lawn Genie L 7010
 Issued: 8/2/1999
 Amended: 12/1/2002,
 5/9/2005, 10/26/2010

Revision: 2008
 Model: Lawn Genie L 7034
 Issued: 8/2/1999
 Amended: 12/1/2002,
 5/9/2005, 10/26/2010

Revision: 2008
 Model: Lawn Genie L4034
 Issued: 8/2/1999
 Amended: 12/1/2002,
 5/9/2005, 10/26/2010

WaterSaver Faucet

Revision: 2008
 Model: L100
 Issued: 2/28/2012

Revision: 2008
 Model: L101
 Issued: 2/28/2012

Revision: 2008
 Model: L102
 Includes: L102WS,
 L102WSA, L102ADJ,
 L102ADJ-WS, L102ADJ-WSA, VR102WSA
 Issued: 2/28/2012

Revision: 2008
 Model: L112
 Includes: L112WS,
 L112WSA, L112ADJ,
 L112ADJ-WS, L112ADJ-WSA, VR112, VR112WS
 Issued: 2/28/2012

Revision: 2008
 Model: L115
 Issued: 2/28/2012

Revision: 2008
 Model: L115HAM
 Issued: 2/28/2012

Watts Regulator Company

Revision: 2008
 Model: (LF) 188A
 Size: 1 inch
 Issued: 9/6/1965
 Amended: 12/29/2004,
 6/15/2009

Revision: 2008
 Model: (LF) 188A
 Size: 1-1/2 inch
 Issued: 9/6/1965
 Amended: 12/29/2004,
 6/15/2009

Revision: 2008
 Model: (LF) 188A
 Size: 1-1/4 inch
 Issued: 9/6/1965
 Amended: 12/29/2004,
 6/15/2009

Revision: 2008
 Model: (LF) 188A
 Size: 2 inch
 Issued: 9/6/1965
 Amended: 12/29/2004,
 6/15/2009

Revision: 2008
 Model: (LF) 188A
 Size: 2-1/2 inch
 Issued: 9/6/1965
 Amended: 12/29/2004,
 6/15/2009

Revision: 2008
 Model: (LF) 188A
 Size: 3 inch
 Issued: 9/6/1965
 Amended: 12/29/2004,
 6/15/2009

Revision: 2008
 Model: (LF) 188A
 Size: 3/4 inch
 Issued: 9/6/1965
 Amended: 12/29/2004,
 6/15/2009

Revision: 2008
 Model: (LF) 288A ,
 288AC & 288ASC
 Size: 1 inch
 Issued: 9/6/1965
 Amended: 12/29/2004,
 6/15/2009

Revision: 2008
 Model: (LF) 288A ,
 288AC & 288ASC
 Size: 1/2 inch
 Issued: 9/6/1965
 Amended: 12/29/2004,
 6/15/2009

Revision: 2008
 Model: (LF) 288A ,
 288AC & 288ASC
 Size: 1/4 inch
 Issued: 9/6/1965
 Amended: 12/29/2004,
 6/15/2009

Revision: 2008
 Model: (LF) 288A ,
 288AC & 288ASC
 Size: 3/4 inch
 Issued: 9/6/1965
 Amended: 12/29/2004,
 6/15/2009

Revision: 2008
 Model: (LF) 288A ,
 288AC & 288ASC
 Size: 3/8 inch
 Issued: 9/6/1965
 Amended: 12/29/2004,
 6/15/2009

Revision: 2008
 Model: (LF) 288AM2
 Size: 1-1/2 inch
 Issued: 9/6/1965
 Amended: 12/29/2004,
 6/15/2009

Revision: 2008
 Model: (LF) 288AM2
 Size: 1-1/4 inch
 Issued: 9/6/1965
 Amended: 12/29/2004,
 6/15/2009

Revision: 2008
Model: (LF) 288AM2
Size: 2 inch
Issued: 9/6/1965
Amended: 12/29/2004,
6/15/2009

Revision: 2008
Model: (LF) 288AM2
Size: 2-1/2 inch
Issued: 9/6/1965
Amended: 12/29/2004,
6/15/2009

Revision: 2008
Model: (LF) 288AM2
Size: 3 inch
Issued: 9/6/1965
Amended: 12/29/2004,
6/15/2009

Revision: 2008
Model: (LF) 288AM4,
288ACM4, 288ASCM4
Size: 1 inch
Issued: 9/6/1965
Amended: 12/29/2004,
6/15/2009

Revision: 2008
Model: (LF) 289
Size: 1/2 inch
Issued: 9/6/1965
Amended: 12/29/2004,
6/15/2009

Revision: 2008
Model: (LF) 289
Size: 3/8 inch
Issued: 9/6/1965
Amended: 12/29/2004,
6/15/2009

Revision: 2008
Model: (LF) N-388
Size: 1/4 inch
(C) for chrome finish,
(SC) for satin chrome
finish
Issued: 9/6/1965
Amended: 12/29/2004,
6/15/2009, 7/7/2017

Revision: 2008
Model: (LF) N-388
Size: 3/8 inch
(C) for chrome finish,
(SC) for satin chrome
finish
Issued: 9/6/1965
Amended: 12/29/2004,
6/15/2009, 7/7/2017

Revision: 2008
Model: 288A-DM & (LF)
288A-DM
Size: 1"
Issued: 8/17/2006
Amended: 12/29/2004,
6/15/2009

Revision: 2008
Model: 288A-DM & (LF)
288A-DM
Size: 1/2"
Issued: 8/17/2006
Amended: 12/29/2004,
6/15/2009

Revision: 2008
Model: 288A-DM & (LF)
288A-DM
Size: 3/4"
Issued: 8/17/2006
Amended: 12/29/2004,
6/15/2009

Revision: 2008
Model: 288A-HT & (LF)
288A-HT
Size: 3/4", 1/2", 3/8"
NPT
Issued: 5/15/2007
Amended: 12/29/2004,
6/15/2009

Revision: 2008
Model: 288A-HTDM &
(LF) 288A-HTDM
Size: 3/4" & 1/2" NPT
Issued: 5/15/2007
Amended: 12/29/2004,
6/15/2009

Revision: 2008
Model: 288A-Z38 & (LF)
288A-Z38
Size: 3/4 inch
Issued: 9/6/1965
Amended: 7/7/2017

**Wilkins / A Division of
Zurn**
Revision: 2008
Model: 35 & 35XL
Size: 1 inch
Issued: 8/8/1995
Amended: 11/29/2011,
8/7/2017, 8/10/2017

Revision: 2008
Model: 35 & 35XL
Size: 1/2 inch
Issued: 8/8/1995
Amended: 11/29/2011,
8/7/2017, 8/10/2017

Revision: 2008
Model: 35 & 35XL
Size: 1/4 inch
Issued: 8/8/1995
Amended: 11/29/2011,
8/10/2017

Revision: 2008
Model: 35 & 35XL
Size: 1-1/2 inch
Issued: 8/8/1995
Amended: 11/29/2011,
8/10/2017

Revision: 2008
Model: 35 & 35XL
Size: 1-1/4 inch
Issued: 8/8/1995
Amended: 11/29/2011,
8/10/2017

Revision: 2008
Model: 35 & 35XL
Size: 2 inch
Issued: 8/8/1995
Amended: 11/29/2011,
8/10/2017

Revision: 2008
Model: 35 & 35XL
Size: 3/4 inch
Issued: 8/8/1995
Amended: 11/29/2011,
8/10/2017

Revision: 2008
Model: 35 & 35XL
Size: 3/8 inch
Issued: 8/8/1995
Amended: 11/29/2011,
8/10/2017

Revision: 2008
Model: 35VCH &
35XLVCH
Size: 1/4 inch
Issued: 8/8/1995
Amended: 11/29/2011,
8/10/2017

Zurn Industries, Inc.
Revision: 2008
Model: Aquaflush Z-
6000 series
Size: 1-1/2 inch
Issued: 11/9/1989

Revision: 2008
Model: Aquaflush Z-
6000 series
Size: 1-1/4 inch
Issued: 11/9/1989

Revision: 2008
Model: Aquaflush Z-
6000 series
Size: 3/4 inch
Issued: 11/9/1989

Revision: 2008
Model: P-6000-B-SK
Size: 1 1/4"
Issued: 8/18/2010

Revision: 2008
Model: P-6000-B-SK
Size: 3/4"
Issued: 8/18/2010

**STANDARD #ASSE
1002**
**ASSE 1002-2015/ASME
A112.1002-2015/CSA
B125.12-15 Anti-Siphon
Fill Valves
ASSE-2015**

WDI Technology
Revision: 2015
Model: B3300-Y
Issued: 9/22/2016

Revision: 2015
Model: B3310-Y
Size: 15/16-14 UNS-1
Issued: 2/12/2018

Revision: 2015
Model: B3910
Size: 1/2 - 14 NPSM
Issued: 2/12/2018

Danco, Inc
Revision: 2008
Model: HydroClean
Includes HC550, HC660,
HC630
Issued: 6/14/2007
Amended: 4/5/2011,
4/18/2011

Fluidmaster Inc
Revision: 2008
Model: 300
Size: 15/16"
Issued: 4/13/2007
Amended: 2/7/2008,
3/8/2010, 4/13/2010

Revision: 2008
Model: 300A
Size: 15/16"
Issued: 4/13/2007

Revision: 2008
Model: 350
Size: 15/16"
Issued: 8/26/2015

Revision: 2008
Model: 400 w/ suffix
options of A, AR, B, xB,
xxB, xxxB, C, CC, D,
EZI, FS, G, HP, HR, K,
1LG, 2LG, 3LG, 4LG, LS,
P, R, U, 133, or
numeric code for valve
options
(Home Depot: W43LS,
W43CPXX,
W43AKPXX/Lowes:
401LG, 402LG, 403LG,
404LG)
Issued: 7/25/2011
Amended: 11/14/2003,
9/12/2005, 5/2/2006,
11/8/2006, 12/23/2009,
10/7/2010, 7/25/2011

Revision: 2008
Model: 400UK122B
Issued: 7/11/2000

Revision: 2008
Model: 747A
w/ suffix options of xB,
xxB, xxxB (x= numeric
code representing valve
options)
Issued: 10/12/2009
Amended: 3/29/2011

Revision: 2008
Model: 747A
Size: 15/16-14NS-1
Issued: 10/27/2003
Amended: 7/30/2007,
3/29/2011

Revision: 2008
Model: 747E21B
Size: EN ISO 228-1 G3/8B
Issued: 10/27/2003

Revision: 2008
Model: 747UK118B
Size: EN ISO 228-1 G1/2B
Issued: 10/27/2003

Revision: 2008
Model: 747UK127B
Size: EN ISO 228-1 G1/2B
Issued: 5/7/2014

Revision: 2008
Model: PRO45 Series
w/ suffix options of A,
AR, B, xB, xxB, xxxB, C,
CC, D, G, HP, HR, K, 1LG,
2LG, 3LG, 4LG, LS, P, R,
U, 133, or numeric code
for valve options
Issued: 5/24/2006
Amended: 11/14/2003,
5/2/2006, 5/29/2008,
10/7/2010, 7/25/2011,
7/25/2011

Kohler Company
Revision: 2008
Model: 1138930 /
1083228
Issued: 8/1/2018
Amended: 8/1/2018

Lavelle Industries
Revision: 2008
Model: 528
Size: 15/16 ballcock
Includes additional part
number 528T
Issued: 12/24/1997
Amended: 12/3/2002,
7/28/2010

Revision: 2008
Model: 528Z
Issued: 8/15/2009

**Mansfield Plumbing
Products**
Revision: 2008
Model: 08
Issued: 10/12/2001

Oatey Company
Revision: 2008
Model: 090214
Issued: 7/21/2010

WDI Technology
Revision: 2008
Model: B1025
Size: 15/16 inch
Adjustable Shank
Issued: 2/6/2001
Amended: 12/20/2004

Revision: 2008
Model: B1026
Size: 15/16 inch
Issued: 2/6/2001
Amended: 12/20/2004

Revision: 2008
Model: B1046
Size: 15/16 inch
Issued: 2/6/2001
Amended: 12/20/2004

Revision: 2008
Model: B2026
Size: 15/16 inch
Issued: 2/6/2001
Amended: 12/20/2004

Revision: 2008
Model: B2046
Size: 15/16 inch
Issued: 2/6/2001
Amended: 12/20/2004

Revision: 2008
Model: B3046
Size: 15/16 inch
Issued: 2/6/2001
Amended: 12/20/2004

Revision: 2008
Model: B3111
Size: 15/16 inch
Issued: 2/6/2001
Amended: 12/20/2004

Revision: 2008
Model: B3121
Size: 15/16 inch
Issued: 2/6/2001
Amended: 12/20/2004

Revision: 2008
Model: B3260
Size: 15/16 inch
Issued: 2/6/2001

Revision: 2008
Model: B3800 & B3800E
Size: 15/16 inch
Adjustable shank
Issued: 2/6/2001
Amended: 12/20/2004

Revision: 2008
Model: B3800L
Size: 15/16 inch
Issued: 5/21/2014

Revision: 2008
Model: B3831 & B3831E
Size: 15/16 inch
Fixed Shank
Issued: 2/6/2001
Amended: 12/20/2004

Revision: 2008
Model: B3831L
Size: 15/16 inch
Issued: 2/6/2001

Revision: 2008
Model: B3832 & B3832E
Size: 15/16 inch
Fixed Shank
Issued: 2/6/2001
Amended: 12/20/2004

Revision: 2008
Model: B3832L
Size: 15/16 inch
Issued: 2/6/2001

Revision: 2008
Model: B3833 & B3833E
Size: 15/16 inch
Fixed shank
Issued: 2/6/2001
Amended: 12/20/2004

Revision: 2008
Model: B3833L
Size: 15/16 inch
Issued: 2/6/2001

Revision: 2008
Model: B3834 & B3834E
Size: 15/16 inch
Fixed shank
Issued: 2/6/2001
Amended: 12/20/2004

Revision: 2008
Model: B3834L 15/16
inch
Size: 15/16 inch
Issued: 2/6/2001

Revision: 2008
Model: B3835 & B3835E
Size: 15/16 inch
Fixed shank
Issued: 2/6/2001
Amended: 12/20/2004

Revision: 2008
Model: B3835L
Size: 15/16 inch
Issued: 2/6/2001

Revision: 2008
Model: B3836 & B3836E
Size: 15/16 inch
Fixed shank
Issued: 2/6/2001
Amended: 12/20/2004

Revision: 2008
Model: B3836L
Size: 15/16 inch
Issued: 2/6/2001

STANDARD #ASSE 1003

**Water Pressure
Reducing Valves for
Domestic Water
Distribution Systems
ASSE-2009**

A. Y. McDonald Mfg. Co.
Revision: 2009
Model: 72600T (NL1201)
Size: with 1/2", 3/4" &
1" connections
Issued: 2/3/2010
Amended: 2/25/2013

Revision: 2009
Model: 72601 1/2x1/2,
3/4x3/4, 1x1 - 72602
1/2x1/2, 3/4x3/4, 1x1
Issued: 2/3/2010

Ademco Inc. / Honeywell

Revision: 2009
Model: DS06
Size: 1 inch
DS06-1LF, DS06-102-
SUS-LF, DS06-102-SUT-
LF, DS06-102-DUS-LF,
DS06-102-DUT-LF, DS06-
102-LF
Issued: 12/7/2016
Amended: 4/24/2018,
10/5/2018

Revision: 2009
Model: DS06
Size: 1/2 inch
DS06-1/2LF, DS06-100-
SUS-LF, DS06-100-SUT-
LF, DS06-100-DUS-LF,
DS06-100-DUT-LF, DS06-
100-LF
Issued: 12/7/2016
Amended: 4/24/2018,
10/5/2018

Revision: 2009
Model: DS06
Size: 1-1/2 inch
DS06-11/2LF, DS06-104-
SUS-LF, DS06-104-SUT-
LF, DS06-104-DUS-LF,
DS06-104-DUT-LF, DS06-
104-LF
Issued: 12/7/2016
Amended: 4/24/2018,
10/5/2018

Revision: 2009
Model: DS06
Size: 1-1/4 inch
DS06-11/4LF, DS06-103-
SUS-LF, DS06-103-SUT-
LF, DS06-103-DUS-LF,
DS06-103-DUT-LF, DS06-
103-LF
Issued: 12/7/2016
Amended: 4/24/2018,
10/5/2018

Revision: 2009
Model: DS06
Size: 2 inch
DS06-2LF, DS06-105-
SUS-LF, DS06-105-SUT-
LF, DS06-105-DUS-LF,
DS06-105-DUT-LF, DS06-
105-LF
Issued: 12/7/2016
Amended: 4/24/2018,
10/5/2018

Revision: 2009
Model: DS06
Size: 3/4 inch
DS06-3/4LF, DS06-101-
SUS-LF, DS06-101-SUT-
LF, DS06-101-DUS-LF,
DS06-101-DUT-LF, DS06-
101-LF
Issued: 12/7/2016
Amended: 4/24/2018,
10/5/2018

Revision: 2009
Model: FK06
Size: 1 inch
FK06-102-DUS-LF, FK06-
102-DUT-LF
Issued: 12/7/2016
Amended: 4/24/2018,
10/5/2018

Revision: 2009
Model: FK06
Size: 1-1/4 inch
FK06-103-DUS-LF, FK06-
103-DUT-LF
Issued: 12/7/2016
Amended: 4/24/2018,
10/5/2018

Revision: 2009
Model: FK06
Size: 3/4 inch
FK06-101-DUS-LF, FK06-
101-DUT-LF
Issued: 12/7/2016
Amended: 4/24/2018,
10/5/2018

Apollo Valves / Conbraco Industries

Revision: 2009
Model: 36 & 36
LF(Model PR & PR-LF)
Size: 1 inch
Issued: 7/15/1997
Amended: 6/19/2018

Revision: 2009
Model: 36 & 36
LF(Model PR & PR-LF)
Size: 1/2 inch
Issued: 7/15/1997
Amended: 6/19/2018

Revision: 2009
Model: 36 & 36
LF(Model PR & PR-LF)
Size: 1-1/2 inch
Issued: 7/15/1997
Amended: 6/19/2018

Revision: 2009
Model: 36 & 36
LF(Model PR & PR-LF)
Size: 1-1/4 inch
Issued: 7/15/1997
Amended: 6/19/2018

Revision: 2009
Model: 36 & 36
LF(Model PR & PR-LF)
Size: 2 inch
Issued: 7/15/1997
Amended: 6/19/2018

Revision: 2009
Model: 36 & 36
LF(Model PR & PR-LF)
Size: 3/4 inch
Issued: 7/15/1997
Amended: 6/19/2018

Revision: 2009
Model: 36 E & 36 E-
LFSeries (PRE & PRE-LF)
Size: 1"
Issued: 7/15/1997
Amended: 6/19/2018

Revision: 2009
Model: 36 E & 36 E-
LFSeries (PRE & PRE-LF)
Size: 1/2"
Issued: 7/15/1997
Amended: 6/19/2018

Revision: 2009
Model: 36 E & 36 E-
LFSeries (PRE & PRE-LF)
Size: 1-1/2"
Issued: 7/15/1997
Amended: 6/19/2018

Revision: 2009
Model: 36 E & 36 E-
LFSeries (PRE & PRE-LF)
Size: 1-1/4"
Issued: 7/15/1997
Amended: 6/19/2018

Revision: 2009
Model: 36 E & 36 E-
LFSeries (PRE & PRE-LF)
Size: 2"
Issued: 7/15/1997
Amended: 6/19/2018

Revision: 2009
Model: 36 E & 36 E-
LFSeries (PRE & PRE-LF)
Size: 3/4"
Issued: 7/15/1997
Amended: 6/19/2018

Revision: 2009
Model: 36C & 36C LF
(Model PRC & PRC-LF)
Size: 1 inch
Issued: 7/15/1997
Amended: 6/19/2018

Revision: 2009
Model: 36C & 36C LF
(Model PRC & PRC-LF)
Size: 1/2 inch
Issued: 7/15/1997
Amended: 6/19/2018

Revision: 2009
Model: 36C & 36C LF
(Model PRC & PRC-LF)
Size: 3/4 inch
Issued: 7/15/1997
Amended: 6/19/2018

Revision: 2009
Model: 36H & 36HLF
(Model PRH & PRH-LF)
Size: 1 inch
Threaded & Flanged
Issued: 7/15/1997
Amended: 8/19/2010,
11/19/2010

Revision: 2009
Model: 36H & 36HLF
(Model PRH & PRH-LF)
Size: 1/2 inch
Threaded & Flanged
Issued: 7/15/1997
Amended: 8/19/2010,
11/19/2010

Revision: 2009
Model: 36H & 36HLF
(Model PRH & PRH-LF)
Size: 1-1/2 inch
Threaded & Flanged
Issued: 7/15/1997
Amended: 8/19/2010,
11/19/2010

Revision: 2009
Model: 36H & 36HLF
(Model PRH & PRH-LF)
Size: 1-1/4 inch
Threaded & Flanged
Issued: 7/15/1997
Amended: 8/19/2010,
11/19/2010

Revision: 2009
Model: 36H & 36HLF
(Model PRH & PRH-LF)
Size: 2 inch
Threaded & Flanged
Issued: 7/15/1997
Amended: 8/19/2010,
11/19/2010

Revision: 2009
Model: 36H & 36HLF
(Model PRH & PRH-LF)
Size: 2-1/2 inch
Threaded & Flanged
Issued: 7/15/1997
Amended: 8/19/2010,
11/19/2010

Revision: 2009
Model: 36H & 36HLF
(Model PRH & PRH-LF)
Size: 3 inch
Threaded & Flanged
Issued: 7/15/1997
Amended: 8/19/2010,
11/19/2010

Revision: 2009
Model: 36H & 36HLF
(Model PRH & PRH-LF)
Size: 3/4 inch
Threaded & Flanged
Issued: 7/15/1997
Amended: 8/19/2010,
11/19/2010

BEECO (division of MIFAB, Inc.)
Revision: 2009
Model: PRV.50-DU-SWT-C w/ CxC conn.
Size: 1/2"
Issued: 10/2/2008
Amended: 2/2/2010,
8/19/2010

Revision: 2009
Model: PRV.50-SU-IPS-C
(w/ IPS conn.) & PRV.50-

SU-SWT-C (w/ CxC conn.)
Size: 1/2"
Issued: 10/2/2008
Amended: 2/2/2010,
8/19/2010

Revision: 2009
Model: PRV.75-DU-SWT-C w/ CxC conn.
Size: 3/4"
Issued: 10/2/2008
Amended: 2/2/2010,
8/19/2010

Revision: 2009
Model: PRV.75-SU-IPS-C (w/ IPS conn.) & PRV.75-SU-SWT-C (w/ CxC conn.)
Size: 3/4"
Issued: 10/2/2008
Amended: 2/2/2010,
8/19/2010

Revision: 2009
Model: PRV1.00-DU-SWT-C w/ CxC conn.
Size: 1"
Issued: 10/2/2008
Amended: 2/2/2010,
8/19/2010

Revision: 2009
Model: PRV1.00-SU-IPS-C (w/ IPS conn.) & PRV1.00-SU-SWT-C (w/ CxC conn.)
Size: 1"
Issued: 10/2/2008
Amended: 2/2/2010,
8/19/2010

Revision: 2009
Model: PRV-C Series
Size: 1 1/4", 1 1/2" & 2" inlets & outlets
Issued: 1/25/2010
Amended: 8/19/2010

Cash Acme / Reliance Worldwide Corp

Revision: 2009
Model: E Series 3 & E-3LF (U, B/U, B/C)
Size: 1 inch
Issued: 7/22/1967
Amended: 1/10/2008,
4/29/2008, 8/19/2010

Revision: 2009
Model: E Series 3 & E-3LF (U, B/U, B/C)
Size: 1/2 inch
Issued: 7/22/1967
Amended: 1/10/2008,
4/29/2008, 8/19/2010

Revision: 2009
Model: E Series 3 & E-3LF (U, B/U, B/C)
Size: 1-1/2 inch
Issued: 7/22/1967
Amended: 1/10/2008,
4/29/2008, 8/19/2010

Revision: 2009
Model: E Series 3 & E-3LF (U, B/U, B/C)
Size: 1-1/4 inch
Issued: 7/22/1967
Amended: 1/10/2008,
4/29/2008, 8/19/2010

Revision: 2009
Model: E Series 3 & E-3LF (U, B/U, B/C)
Size: 2 inch
Issued: 7/22/1967
Amended: 1/10/2008,
4/29/2008, 8/19/2010

Revision: 2009
Model: E Series 3 & E-3LF (U, B/U, B/C)
Size: 3/4 inch
Issued: 7/22/1967
Amended: 1/10/2008,
4/29/2008, 8/19/2010

Revision: 2009
Model: E41 Series 3 & E-41LF (U, B/U, B/C)
Size: 1 inch
Issued: 7/22/1967
Amended: 1/10/2008,
4/29/2008, 8/19/2010

Revision: 2009
Model: E41 Series 3 & E-41LF (U, B/U, B/C)
Size: 1/2 inch
Issued: 7/22/1967
Amended: 1/10/2008,
4/29/2008, 8/19/2010

Revision: 2009
Model: E41 Series 3 & E-41LF (U, B/U, B/C)
Size: 1-1/2 inch
Issued: 7/22/1967
Amended: 1/10/2008,
4/29/2008, 8/19/2010

Revision: 2009
Model: E41 Series 3 & E-41LF (U, B/U, B/C)
Size: 1-1/4 inch
Issued: 7/22/1967
Amended: 1/10/2008,
4/29/2008, 8/19/2010

Revision: 2009
Model: E41 Series 3 & E-41LF (U, B/U, B/C)
Size: 2 inch
Issued: 7/22/1967
Amended: 1/10/2008,
4/29/2008, 8/19/2010

Revision: 2009
Model: E41 Series 3 & E-41LF (U, B/U, B/C)
Size: 3/4 inch
Issued: 7/22/1967
Amended: 1/10/2008,
4/29/2008, 8/19/2010

Revision: 2009
Model: EB 5 (U, C)
Size: 2 1/2 inch
Issued: 7/22/1967
Amended: 1/10/2008,
4/29/2008, 8/19/2010

Revision: 2009
Model: EB25 (U, DU) & EB25LF (U, DU, UC)
Size: 1 1/2 inch
EB25LF (U, DU, UC) has lead content equal to or less than 0.25%
Issued: 7/22/1967
Amended: 1/10/2008,
6/30/2010, 8/19/2010

Revision: 2009
Model: EB25 (U, DU) & EB25LF (U, DU, UC)
Size: 1 1/4 inch
EB25LF (U, DU, UC) has lead content equal to or less than 0.25%
Issued: 7/22/1967
Amended: 1/10/2008,
6/30/2010, 8/19/2010

Revision: 2009
Model: EB25 (U, DU) & EB25LF (U, DU, UC)
Size: 1/2 inch
EB25LF (U, DU, UC) has lead content equal to or less than 0.25%
Issued: 7/22/1967
Amended: 1/10/2008,
6/30/2010, 8/19/2010

Revision: 2009
Model: EB25 (U, DU) & EB25LF (U, DU, UC)
Size: 2 inch
EB25LF (U, DU, UC) has lead content equal to or less than 0.25%
Issued: 7/22/1967
Amended: 1/10/2008,
6/30/2010, 8/19/2010

Revision: 2009
Model: EB25 (U, DU, DPE) & EB25LF (U, DU, UC, DPE)
Size: 1 inch
EB25LF (U, DU, UC, DPE) has lead content equal to or less than 0.25%
Issued: 7/22/1967
Amended: 1/10/2008,
6/30/2010, 8/19/2010

Revision: 2009
Model: EB25 (U, DU, DPE) & EB25LF (U, DU, UC, DPE)
Size: 3/4 inch
EB25LF (U, DU, UC, DPE) has lead content equal to or less than 0.25%:
Issued: 7/22/1967
Amended: 1/10/2008,
6/30/2010, 8/19/2010

Revision: 2009
Model: EB25-400 (U)
Size: 1/2 inch
Issued: 7/22/1967
Amended: 1/10/2008,
8/19/2010

Revision: 2009
Model: EB25-400 (U, DU)
Size: 1 inch
Issued: 7/22/1967
Amended: 1/10/2008,
8/19/2010

Revision: 2009
Model: EB25-400 (U, DU)
Size: 3/4 inch
Issued: 7/22/1967
Amended: 1/10/2008,
8/19/2010

Revision: 2009
Model: EB25-SS (D, DU)
Size: 1 inch
Issued: 7/22/1967
Amended: 1/10/2008,
8/19/2010

Revision: 2009
Model: EB25-SS (D, DU)
Size: 3/4 inch
Issued: 7/22/1967
Amended: 1/10/2008,
8/19/2010

Revision: 2009
Model: EB35
Size: 1 inch
(NPT F, U inlet x NPT F outlet, NPT F inlet x U outlet, DU, DPE)
Issued: 7/22/1967
Amended: 1/10/2008,
8/19/2010

Revision: 2009
Model: EB35
Size: 1/2 inch
(NPT F, U inlet x NPT F outlet, NPT F inlet x U outlet, DU)
Issued: 7/22/1967
Amended: 1/10/2008,
8/19/2010

Revision: 2009
Model: EB35
Size: 3/4 inch
(NPT F, U inlet x NPT F outlet, NPT F inlet x U outlet, DU, DPE)
Issued: 7/22/1967
Amended: 1/10/2008,
8/19/2010

Revision: 2009
Model: EB45 & EB45LF
(D, U, C, DU, UC, DPE)
Size: 1 inch
EB45LF (D, U, C, DU, UC,
DPE) has lead content
equal to or less than
0.25%
Issued: 7/22/1967
Amended: 1/10/2008,
12/7/2009, 6/30/2010,
8/19/2010

Revision: 2009
Model: EB45 & EB45LF
(D, U, C, DU, UC, DPE)
Size: 3/4 inch
EB45LF (D, U, C, DU, UC,
DPE) has lead content
equal to or less than
0.25%
Issued: 7/22/1967
Amended: 1/10/2008,
12/7/2009, 6/30/2010,
8/19/2010

Revision: 2009
Model: EB45 & EB45LF
(D, U, C, DU, UC)
Size: 1 1/2 inch
EB45LF (D, U, C, DU, UC)
has lead content equal
to or less than 0.25%
Issued: 7/22/1967
Amended: 1/10/2008,
6/30/2010, 8/19/2010

Revision: 2009
Model: EB45 & EB45LF
(D, U, C, DU, UC)
Size: 1 1/4 inch
EB45LF (D, U, C, DU, UC)
has lead content equal
to or less than 0.25%
Issued: 7/22/1967
Amended: 1/10/2008,
6/30/2010, 8/19/2010

Revision: 2009
Model: EB45 & EB45LF
(D, U, C, DU, UC)
Size: 1/2 inch
EB45LF (D, U, C, DU, UC)
has lead content equal
to or less than 0.25%
Issued: 7/22/1967
Amended: 1/10/2008,
12/7/2009, 6/30/2010,
8/19/2010

Revision: 2009
Model: EB45 & EB45LF
(D, U, C, DU, UC)
Size: 2 inch
EB45LF (D, U, C, DU, UC)
has lead content equal
to or less than 0.25%
Issued: 7/22/1967
Amended: 1/10/2008,
6/30/2010, 8/19/2010

Revision: 2009
Model: EB45 (23880-
0045, 23882-0045,
23884-0045, 23807-
0045 23893-0045)
Size: 1/2"
DSB (1/2" SharkBite™
Push-Fit fittings inlet and
outlet); DUSB (1/2"
union SharkBite™ Push-
Fit fittings inlet and
outlet)
Issued: 9/13/2012

Revision: 2009
Model: EB45 (23881-
0045, 23883-0045,
23887-0045, 23885-
0045, 23889-0045,
23808-0045, 23894-
0045, 23890-0045,
23891-0045)
Size: 3/4"
EB45 - DSB (3/4" Direct
SharkBite™ Push-Fit
fittings inlet and outlet);
DUSB (3/4" double union
SharkBite™ Push-Fit
fittings inlet and outlet);
Issued: 9/13/2012

Revision: 2009
Model: EB5 (U, C)
Size: 1 1/2 inch
Issued: 7/22/1967
Amended: 1/10/2008,
4/29/2008, 8/19/2010

Revision: 2009
Model: EB5 (U, C)
Size: 1 1/4 inch
Issued: 7/22/1967
Amended: 1/10/2008,
4/29/2008, 8/19/2010

Revision: 2009
Model: EB5 (U, C)
Size: 1 inch
Issued: 7/22/1967
Amended: 1/10/2008,
4/29/2008, 8/19/2010

Revision: 2009
Model: EB5 (U, C)
Size: 1/2 inch
Issued: 7/22/1967
Amended: 1/10/2008,
4/29/2008, 8/19/2010

Revision: 2009
Model: EB5 (U, C)
Size: 2 inch
Issued: 7/22/1967
Amended: 1/10/2008,
4/29/2008, 8/19/2010

Revision: 2009
Model: EB5 (U, C)
Size: 3/4 inch
Issued: 7/22/1967
Amended: 1/10/2008,
4/29/2008, 8/19/2010

Flomatic Corporation
Revision: 2009
Model: C150E
Size: 1 1/2"
With: E - Union End, ET -
NPT Threads, EBSP - BSP
Threads, EC- Copper
Sweat, EB-Barbed
Issued: 1/25/2010
Amended: 8/19/2010

Revision: 2009
Model: C150E
Size: 1 1/4"
with E (Union End), ET
(NPT Threads), EBSP
(BSP threads), EC
(Copper Sweat), EB
(Barbed)
Issued: 6/17/2008
Amended: 8/19/2010

Revision: 2009
Model: C150E
Size: 1"
With: E - Union End, ET -
NPT Threads, EBSP - BSP
Threads, EC- Copper
Sweat, EB-Barbed
Issued: 1/10/2006
Amended: 8/19/2010

Revision: 2009
Model: C150E
Size: 1/2"
With: E - Union End, ET -
NPT Threads, EBSP - BSP
Threads, EC- Copper
Sweat, EB-Barbed
Issued: 1/10/2006
Amended: 8/19/2010

Revision: 2009
Model: C150E
Size: 2"
With: E - Union End, ET -
NPT Threads, EBSP - BSP
Threads, EC- Copper
Sweat, EB-Barbed
Issued: 1/25/2010
Amended: 8/19/2010

Revision: 2009
Model: C150E
Size: 3/4"
With: E - Union End, ET -
NPT Threads, EBSP - BSP
Threads, EC- Copper
Sweat, EB-Barbed
Issued: 1/10/2006
Amended: 8/19/2010

Revision: 2009
Model: C150EHF
Size: 1 1/4"
With: E - Union End, ET -
NPT Threads, EBSP - BSP
Threads, EC- Copper
Sweat, EB-Barbed
Issued: 1/25/2010
Amended: 8/19/2010

**Fu San Machinery Co.,
Ltd**
Revision: 2009
Model: F1201 & NL1201
- 1/2" x 1/2" & 3/4" x
3/4"
NPT connections
Lead Content less than
or equal to .25% on
model NL1201
Issued: 3/3/2005
Amended: 5/28/2008,
6/24/2010, 8/19/2010

Revision: 2009
Model: F1201 & NL1201
- 1" x 1" NPT Connections
Lead Content less than
or equal to .25% on
model NL1201
Issued: 3/3/2005
Amended: 5/28/2008,
6/24/2010, 8/19/2010

Revision: 2009
Model: F1201C &
NL1201C - 1/2" x 1/2",
3/4" x 3/4" and 1" x 1"
NPT connections
Lead Content less than
or equal to .25% on
model NL1201C
Issued: 3/3/2005

Revision: 2009
Model: F1202C &
NL1202C - 1" double
union end connections
(WT includes 1/4"
female tap option)
Lead Content less than
or equal to .25% on
model NL1202C &
NL1202CWT
Issued: 11/22/2005
Amended: 5/28/2008,
6/24/2010, 8/19/2010

Revision: 2009
Model: F1202C &
NL1202C - 1/2" x 1/2" &
3/4" x 3/4"
Double Union End
Connections (WT
includes 1/4" female tap
option)
Lead Content less than
or equal to .25% on
model NL1202C &
NL1202CWT
Issued: 11/22/2005
Amended: 5/28/2008,
6/24/2010, 8/19/2010

Revision: 2009
Model: NL1201C/AFX
1/2" x 1/2", 3/4" x 3/4"
and 1" x 1"
Female x Female NPT
Lead Content less than
or equal to .25%
Issued: 12/10/2014

Legend
Revision: 2009
Model: T6800
Size: 1"
with 1" inlet x 1" outlet
Issued: 4/28/2005
Amended: 8/19/2010

Revision: 2009
Model: T6800
Size: 1/2"
with 1/2" inlet x 1/2"
outlet
Issued: 4/28/2005
Amended: 8/19/2010

Revision: 2009
Model: T6800
Size: 3/4"
with 3/4" union with
3/4" NPT inlet and 3/4"
NPT outlet
Issued: 4/28/2005
Amended: 8/19/2010

Revision: 2009
Model: T6801
Size: 1"
Issued: 1/11/2006
Amended: 8/19/2010

Revision: 2009
Model: T6801
Size: 1/2"
Issued: 1/11/2006
Amended: 8/19/2010

Revision: 2009
Model: T6801
Size: 3/4"
Issued: 1/11/2006
Amended: 8/19/2010

Revision: 2009
Model: T6801UE
Size: 1"
Union end inlet & outlet
Issued: 1/11/2006
Amended: 8/19/2010

Revision: 2009
Model: T6801UE
Size: 1/2"
Union end inlet & outlet
Issued: 1/11/2006
Amended: 8/19/2010

Revision: 2009
Model: T6801UE
Size: 3/4"
Union end inlet & outlet
Issued: 1/11/2006
Amended: 8/19/2010

Taco, Inc.
Revision: 2009
Model: 3350
Size: 1/2"
-3 Sweat connection; -H3
Press connect; -T3 NPT
Issued: 9/29/2010
Amended: 5/25/2017

Revision: 2009
Model: 600 & 600XL
Size: 1/2 inch
Issued: 6/2/1996
Amended: 8/19/2010,
8/17/2012, 8/10/2017,
12/27/2017

Revision: 2009
Model: 600 & 600XL
Size: 2 inch
Issued: 6/2/1996
Amended: 8/19/2010,
8/17/2012, 8/10/2017,
12/27/2017

Revision: 2009
Model: 600 & 600XL
Size: 3/4 inch
Issued: 6/2/1996
Amended: 8/19/2010,
8/17/2012, 8/10/2017,
12/27/2017

Revision: 2009
Model: 600 XL
Size: 2 inch
Issued: 8/10/2017

Revision: 2009
Model: 600 XL
Size: 3/4 inch
Issued: 8/10/2017

Revision: 2009
Model: 600XL
Size: 1 1/2 inch
Issued: 8/10/2017

Revision: 2009
Model: 600XL
Size: 1 1/4 inch
Issued: 8/10/2017

Revision: 2009
Model: 600XL
Size: 1 inch
Issued: 8/10/2017

Revision: 2009
Model: 600XL
Size: 1/2 inch
Issued: 8/10/2017

Revision: 2009
Model: 625XL
Size: 1 inch
Issued: 1/11/2017

Revision: 2009
Model: 625XL
Size: 3/4 inch
Issued: 1/11/2017

Revision: 2009
Model: 70 & 70XL
Size: 1 inch
Issued: 9/24/1975
Amended: 8/19/2010,
8/17/2012, 1/22/2015,
12/27/2017

Revision: 2009
Model: 70 & 70XL
Size: 1/2 inch
Issued: 9/24/1975
Amended: 8/19/2010,
8/17/2012, 12/27/2017

Revision: 2009
Model: 70 & 70XL
Size: 3/4 inch
Issued: 9/24/1975
Amended: 8/19/2010,
8/17/2012, 1/22/2015,
12/27/2017

Revision: 2009
Model: BR4XL/NR3XL &
NR3
Size: 1 1/2 inch
Issued: 3/24/1998
Amended: 11/30/2006,
8/10/2007, 12/9/2008,
8/19/2010, 8/17/2012,
8/10/2017, 12/27/2017

Revision: 2009
Model: BR4XL/NR3XL &
NR3
Size: 1 1/4 inch
Issued: 3/24/1998
Amended: 11/30/2006,
8/10/2007, 12/9/2008,
8/19/2010, 8/17/2012,
8/10/2017, 12/27/2017

Revision: 2009
Model: BR4XL/NR3XL &
NR3
Size: 1 inch
Issued: 3/24/1998
Amended: 11/30/2006,
8/10/2007, 12/9/2008,
8/19/2010, 8/17/2012,
8/10/2017, 12/27/2017

Revision: 2009
Model: BR4XL/NR3XL &
NR3
Size: 1/2 inch
Issued: 3/24/1998
Amended: 11/30/2006,
8/10/2007, 12/9/2008,
8/19/2010, 8/17/2012,
8/10/2017, 12/27/2017

Revision: 2009
Model: BR4XL/NR3XL &
NR3
Size: 2 inch
Issued: 3/24/1998
Amended: 11/30/2006,
8/10/2007, 12/9/2008,
8/19/2010, 8/17/2012,
8/10/2017, 12/27/2017

Revision: 2009
Model: BR4XL/NR3XL &
NR3
Size: 3/4 inch
Issued: 3/24/1998
Amended: 11/30/2006,
8/10/2007, 12/9/2008,
8/19/2010, 8/17/2012,
8/10/2017, 12/27/2017

Revision: 2009
Model: REMXL &
REMXL3P
Size: 1"
Issued: 3/8/2011
Amended: 10/5/2012,
4/5/2013

Revision: 2009
Model: REMXL &
REMXL3P
Size: 3/4"
Issued: 4/28/2014
Amended: 3/31/2011,
4/28/2014

Wolverine c/o Conbraco
Revision: 2009
Model: CPRV
Size: 1"
Issued: 6/2/1997
Amended: 8/19/2010

Revision: 2009
Model: CPRV
Size: 1/2"
Issued: 6/2/1997
Amended: 8/19/2010

STANDARD #ASSE
1004
Backflow Prevention
Requirements for
Commercial
Dishwashing Machines
ASSE-2008

American Dish Service
Revision: 2008
Model: 5 (AG, AGS, CD,
AH, S, LF, RF)
Issued: 1/20/2010
Amended: 9/18/2015

Revision: 2008
Model: 5AGES/WS2
Issued: 6/12/2002
Amended: 11/18/2010

Revision: 2008
Model: A (3D, 3D-S, C,
H, D, 2S, B, F, Option
ADS Air Gap)
exemption from
displaying the standard
number granted
11/22/2005
Issued: 6/12/2002
Amended: 9/18/2015

Revision: 2008
Model: A-3D (3D-S
and/or C option ADS Air
Gap)
exemption from
displaying the standard
number granted
11/22/2005
Issued: 6/12/2002

Revision: 2008
Model: ADC-44
conveyor left to right
feed, right to left deed:
& exemption from

displaying the standard
number granted
11/22/2005
Issued: 5/22/1992

Revision: 2008
Model: ADC-66
conveyor left to right
feed, right to left feed &
exemption from
displaying the standard
number granted
11/22/2005
Issued: 5/22/1992

Revision: 2008
Model: AF(-3D, 3D-S, C,
ES, C-ES) (option w/ ADS
Air Gap)
exemption from
displaying the standard
number granted
11/22/2005
Issued: 6/12/2002
Amended: 4/15/2009

Revision: 2008
Model: HT-25 & HT-34
Issued: 5/22/1992

Revision: 2008
Model: L-3D (60, 72, 90,
W, C, K, S, option ADS
Air Gap)
exemption from
displaying the standard
number granted
11/22/2005
Issued: 6/12/2002
Amended: 9/18/2015

STANDARD #ASSE
1008
Plumbing Aspects of
Residential Food Waste
Disposer Units
ASSE-2006

In-Sink-Erator Corp
Revision: 2006
Model: Badger 1,
Badger 100, Badger 1XT
& E101
Size: 1/3 hp
Issued: 8/19/1999
Amended: 1/1/2007,
7/3/2007, 3/13/2012,
8/25/2014, 7/6/2015

Revision: 2006
Model: Badger 5,
Badger 500, Badger 500
Plus, Badger 5XT, E202
& E303 - 1/2 - 5/8 hp,
Size: 1/2 - 5/8 hp
Issued: 8/19/1999
Amended: 1/1/2007,
7/3/2007, 3/13/2012,
8/25/2014, 7/6/2015,
8/30/2017, 8/30/2017

Revision: 2006
Model: Badger 5XP,
Badger 900, Badger 900
Plus, Badger Gold,

Badger 15SS, Contractor
333, E404 & E505 - 3/4
hp
Size: 3/4 hp
Issued: 8/19/1999
Amended: 1/1/2007,
7/3/2007, 3/13/2012,
9/5/2012, 8/25/2014,
4/25/2017, 8/30/2017

Revision: 2006
Model: Evolution
Compact & Select Plus
Size: 3/4 hp
Issued: 8/19/1999
Amended: 1/1/2007,
7/3/2007, 11/21/2007,
3/13/2012, 9/5/2012,
3/19/2013

Revision: 2006
Model: Evolution Cover
Control, Cover Control
Plus
Size: 3/4 hp
Issued: 8/19/1999
Amended: 1/1/2007,
7/3/2007, 4/10/2013

Revision: 2006
Model: Evolution
Essential & Complete
Size: 3/4 hp
Issued: 8/19/1999
Amended: 1/1/2007,
7/3/2007, 8/25/2014,
4/27/2018

Revision: 2006
Model: Evolution Esteem
Plus, Prestige, Supreme
& Supreme SS
Size: 1 hp
Issued: 8/19/1999
Amended: 1/1/2007,
7/3/2007, 10/1/2007,
3/13/2012, 3/19/2013,
9/3/2015, 2/2/2017

Revision: 2006
Model: Evolution Excel
Size: 1 hp
Issued: 8/19/1999
Amended: 1/1/2007,
7/3/2007

Revision: 2006
Model: Evolution
Premier & Space Saver
XP
Size: 3/4 hp
Issued: 8/19/1999
Amended: 1/1/2007,
7/3/2007, 9/3/2015

Revision: 2006
Model: Evolution PRO
Compact & PRO 750
Size: 3/4 hp
Issued: 8/19/1999
Amended: 1/1/2007,
7/3/2007, 11/21/2007,
3/19/2013

Revision: 2006
Model: Evolution PRO
CVR CNTRL & PRO CVR
CNTRL PLUS
Size: 3/4 - 7/8 hp
Issued: 8/19/1999
Amended: 1/1/2007,
7/3/2007, 3/19/2013,
4/10/2013

Revision: 2006
Model: Evolution PRO
Essential, PRO 880 &
PRO 880LT
Size: 3/4 - 7/8 hp
Issued: 8/19/1999
Amended: 1/1/2007,
7/3/2007, 3/19/2013,
7/6/2015

Revision: 2006
Model: Evolution PRO
Excel, PRO 1000LP &
PRO 1100XL
Size: 1 - 1.1 hp
Issued: 8/19/1999
Amended: 1/1/2007,
7/3/2007, 3/19/2013

Revision: 2006
Model: Evolution Septic
Assist & Fresh Kitchen
Size: 3/4 hp
Issued: 8/19/1999
Amended: 1/1/2007,
7/3/2007, 8/25/2014

Revision: 2006
Model: Evolution
Spacesaver & Select
Size: 5/8 hp
Issued: 8/19/1999
Amended: 1/1/2007,
7/3/2007, 11/21/2007,
3/13/2012, 9/5/2012,
3/19/2013

**STANDARD #ASSE
1010
Water Hammer
Arresters
ASSE-2004**

Amtrol
Revision: 2004
Model: Mini Trol Model
500 (Plastic)
Size: 1/2 inch
Issued: 11/9/1989
Amended: 12/30/2005,
12/13/2010, 2/26/2015

Ayrlett, LLC
Revision: 2004
Model: AA-45
Size: AA w/ 1/2" NPT
CPVC - Size of Orifice in
connector 3.835 inches
Issued: 6/5/2008

**Cash Acme / Reliance
Worldwide Corp**
Revision: 2004
Model: CC-1000
Size: A
Issued: 7/20/2004

Revision: 2004
Model: CC-1250
Size: A
Issued: 7/20/2004

Revision: 2004
Model: CC-1500
Size: A
Issued: 7/20/2004

Revision: 2004
Model: CC-2000
Size: A
Issued: 7/20/2004

Revision: 2004
Model: CC-500
Size: A
Issued: 7/20/2004

Revision: 2004
Model: CC-750
Size: A
Issued: 7/20/2004

Revision: 2004
Model: CM-500CPT
Size: 1/2ODx3/8MIP
Issued: 7/20/2004

Revision: 2004
Model: CM-500DW
Size: 1/2ODx3/8MIP
Issued: 7/20/2004

Revision: 2004
Model: CM-500-FPF
Size: 1/2ODx3/8MIP
Issued: 7/20/2004

Revision: 2004
Model: CM-500L
Size: 1/2ODx3/8MIP
Issued: 7/20/2004

Revision: 2004
Model: CM-500LS
Size: 1/2ODx3/8MIP
Issued: 7/20/2004

Revision: 2004
Model: CM-500SWA
Size: 1/2ODx3/8MIP
Issued: 7/20/2004

Revision: 2004
Model: CM-500TH
Size: 1/2ODx3/8MIP
Issued: 7/20/2004

Revision: 2004
Model: CM-500TS
Size: 1/2ODx3/8MIP
Issued: 7/20/2004

Revision: 2004
Model: CWA-1000
Size: A
Issued: 7/20/2004

Revision: 2004
Model: CWA-1250
Size: A
Issued: 7/20/2004

Revision: 2004
Model: CWA-1500
Size: A
Issued: 7/20/2004

Revision: 2004
Model: CWA-2000
Size: A
Issued: 7/20/2004

Revision: 2004
Model: CWA-500
Size: A
Issued: 7/20/2004

Revision: 2004
Model: CWA-750
Size: A
Issued: 7/20/2004

**Eastern Foundry &
Fittings**
Revision: 2004
Model: Shock Arrestor -
AA-01
Size: 1/2 NPT and M16
Issued: 10/23/2017

**Everflow Industrial
Supply Corp**
Revision: 2004
Model: LW8835/36
Series
Size: Type AA
(Includes: LW-88351 &
LW-88352 w/ 3/4" Hose
Thread Outlet & 1/2"
Sweat Inlet; LW-88353 &
LW-88354 w/ 3/4" Hose
Thread Outlet & 1/2"
PEX Inlet; LW-88356 &
LW-88357 w/ 3/4" Hose
Thread Outlet & 1/2"
CPVC Inlet; LW-88358 &
LW-88359 w/ 3/4" Hose
Thread Outlet & 1/2"
Wirsbo Inlet, LW-88361
w/ 1/4" Compression
Outlet & 1/2" Sweat
Inlet; LW-88362 w/ 1/4"
Compression Outlet &
1/2" PEX Inlet; LW-
88363 w/ 1/4"
Compression Outlet &
1/2" CPVC Inlet; LW-
88364 w/ 1/4"
Compression Outlet &
1/2" Wirsbo Inlet)
Issued: 10/13/2008
Amended: 12/2/2008

Revision: 2004
Model: LW8836 Series
Size: Type AA
(Includes: LW-88366 w/
1/4" Compression Outlet
& 1/2" Sweat Inlet; LW-
88367 w/ 1/4"
Compression Outlet &
1/2" PEX Inlet; LW-
88368 w/ 1/4"
Compression Outlet &

1/2" CPVC Inlet; LW-
88369 w/ 1/4"
Compression Outlet &
1/2" Wirsbo Inlet)
Issued: 9/10/2009

Fu San Valve
Revision: 2004
Model: NL1331WH
Size: 1/2" 3/8"
Issued: 10/23/2017

**Hajoca (MAINLINE® &
BRIGADE™) c/o IPS Corp**
Revision: 2004
Model: Brigade Arrestor
Series
(Includes: BR11047-
Brigade 5/8" x 5/8"
Comp T; BR11048-
Brigade 1/4" x 1/4"
Comp. T; BR11049-
Brigade 1/2" PEX Barb T;
BR11050-Brigade 1/2"
MIP; BR11051-Brigade
1/2" Sweat; BR11052-
Brigade 3/4" x 3/4"
Washing Machine;
BR11053-Brigade 1/2"
Female CPVC; BR11054-
Brigade 1/2" Male CPVC)
Issued: 3/3/2009

**Ho Sing Enterprises Co.,
Ltd.**
Revision: 2004
Model: 1 BSPT-HS15R
Issued: 6/30/2005

Revision: 2004
Model: 1 NPT- HS15N
Includes 1 NPT-HS15N-2
(C6802 Brass Alloy), 1
NPT-HS15N-3 (Ecobross
Alloy), 1 NPT-HS15N-8
(C6802 Brass
Alloy/Plastic Piston), and
1 NPT-HS15N-9
(Ecobross Alloy/Plastic
Piston)
Issued: 6/30/2005

Revision: 2004
Model: 1 NPTF-HS15F
Includes 1 NPTF-HS15F-2
(C6802 Brass Alloy), 1
NPTF-HS15F-3 (Ecobross
Alloy), 1 NPTF-HS15F-8
(C6802 Brass
Alloy/Plastic Piston) and
1 NPTF-HS15F-9
(Ecobross Alloy/Plastic
Piston)
Issued: 6/30/2005

Revision: 2004
Model: 1/2 BSPT-HS15R
Issued: 6/30/2005

Revision: 2004
Model: 1/2 NPTF-HS15F
Includes 1/2 NPTF-
HS15F-2 (C6802 Brass
Alloy), 1/2 NPTF-HS15F-3
(Ecobross Alloy), 1/2
NPTF-HS15F-8 (C6802
Brass Alloy/Plastic

Piston) and 1/2 NPTF-
HS15F-9 (Ecobross
Alloy/Plastic Piston)
Issued: 6/30/2005

Revision: 2004
Model: 1/2 NPT-HS15N
Includes 1/2 NPT-
HS15N-2 (C6802 Brass
Alloy), 1/2 NPT-HS15N-3
(Ecobross Alloy), 1/2
NPT-HS15N-8 (C6802
Brass Alloy/Plastic
Piston) and 1/2 NPT-
HS15N-9 (C6802 Brass
Alloy/Plastic Piston)
Issued: 6/30/2005

Revision: 2004
Model: 1-1/2 BSPT-
HS15R
Issued: 6/30/2005

Revision: 2004
Model: 1-1/2 NPTF-
HS15F
Includes 1-1/2 NPTF-
HS15F-2 (C6802 Brass
Alloy), 1-1/2 NPTF-
HS15F-3 (Ecobross
Alloy), 1-1/2 NPTF-
HS15F-8 (C6802 Brass
Alloy/Plastic Piston) and
1-1/2 NPTF-HS15F-9
(Ecobross Alloy/Plastic
Piston)
Issued: 6/30/2005

Revision: 2004
Model: 1-1/2 NPT-
HS15N
Includes 1-1/2 NPT-
HS15N-2 (C6802 Brass
Alloy), 1-1/2 NPT-
HS15N-3 (Ecobross
Alloy), 1-1/2 NPT-
HS15N-8 (C6802 Brass
Alloy/Plastic Piston) and
1-1/2 NPT-HS15N-9
(Ecobross Alloy/Plastic
Piston)
Issued: 6/30/2005

Revision: 2004
Model: 1-1/4 BSPT-
HS15R
Issued: 6/30/2005

Revision: 2004
Model: 1-1/4 NPTF-
HS15F
Includes 1-1/4 NPTF-
HS15F-2 (C6802 Brass
Alloy), 1-1/4 NPTF-
HS15F-3 (Ecobross
Alloy), 1-1/4 NPTF-
HS15F-8 (C6802 Brass
Alloy/Plastic Piston) and
1-1/4 NPTF-HS15F-9
(Ecobross Alloy/Plastic
Piston)
Issued: 6/30/2005

Revision: 2004
Model: 1-1/4 NPT-HS15N
Includes 1-1/4 NPT-HS15N-2 (C6802 Brass Alloy), 1-1/4 NPT-HS15N-3 (Ecobross Alloy), 1-1/4 NPT-HS15N-8 (C6802 Brass Alloy/Plastic Piston) and 1-1/4 NPT-HS15N-9 (Ecobross Alloy/Plastic Piston)
Issued: 6/30/2005

Revision: 2004
Model: 2 BSPT-HS15R
Issued: 6/30/2005

Revision: 2004
Model: 2 NPTF-HS15F
Includes 2 NPTF-HS15F-2 (C6802 Brass Alloy), 2 NPTF-HS15F-3 (Ecobross Alloy), 2 NPTF-HS15F-8 (C6802 Brass Alloy/Plastic Piston) and 2 NPTF-HS15F-9 (Ecobross Alloy/Plastic Piston)
Issued: 6/30/2005

Revision: 2004
Model: 2 NPT-HS15N
Includes 2 NPT-HS15N-2 (C6802 Brass Alloy), 2 NPT-HS15N-3 (Ecobross Alloy), 2 NPT-HS15N-8 (C6802 Brass Alloy/Plastic Piston) and 2 NPT-HS15N-9 (Ecobross Alloy/Plastic Piston)
Issued: 6/30/2005

Revision: 2004
Model: 3/4 BSPT-HS15R
Issued: 6/30/2005

Revision: 2004
Model: 3/4 NPTF-HS15F
Includes 3/4 NPTF-HS15F-2 (C6802 Brass Alloy), 3/4 NPTF-HS15F-3 (Ecobross Alloy), 3/4 NPTF-HS15F-8 (C6802 Brass Alloy/Plastic Piston) and 3/4 NPTF-HS15F-9 (Ecobross Alloy/Plastic Piston)
Issued: 6/30/2005

Revision: 2004
Model: 3/4 NPT-HS15N
Includes 3/4 NPT-HS15N-2 (C6802 Brass Alloy), 3/4 NPT-HS15N-3 (Ecobross Alloy), 3/4 NPT-HS15N-8 (C6802 Brass Alloy/Plastic Piston) and 3/4 NPT-HS15N-9 (Ecobross Alloy/Plastic Piston)
Issued: 6/30/2005

Revision: 2004
Model: 660-TA2-2
Includes 660-TA2-3 (Ecobross Alloy)
Issued: 1/6/2012

Revision: 2004
Model: 660-TC0-2
Includes 660-TC0-3 (Ecobross Alloy)
Issued: 1/6/2012

Revision: 2004
Model: 660-TC1-2
Includes 660-TC1-3 (Ecobross Alloy)
Issued: 1/6/2012

Revision: 2004
Model: 660-TC2-2
Includes 660-TC2-3 (Ecobross Alloy)
Issued: 1/6/2012

Revision: 2004
Model: 660-TCR00-2
Includes 660-TCR00-3 (Ecobross Alloy)
Issued: 1/6/2012

Revision: 2004
Model: 660-TCR11-2
Includes 660-TCR11-3 (Ecobross Alloy)
Issued: 1/6/2012

Revision: 2004
Model: 660-TCR22-2
Includes 660-TCR22-3 (Ecobross Alloy)
Issued: 1/6/2012

Revision: 2004
Model: 660-TFO-2
Includes 660-TFO-3 (Ecobross Alloy)
Issued: 1/6/2012

Revision: 2004
Model: 660-TN00-2
Includes 660-TN00-3 (Ecobross Alloy)
Issued: 1/6/2012

Revision: 2004
Model: 660-TN0-2
Includes 660-TN0-3 (Ecobross Alloy)
Issued: 1/6/2012

Revision: 2004
Model: 660-TW2-2
Includes 660-TW2-3 (Ecobross Alloy)
Issued: 1/6/2012

Revision: 2004
Model: 660-TX1-2
Includes 660-TX1-3 (Ecobross Alloy)
Issued: 1/6/2012

Revision: 2004
Model: 660-TX2-2
Includes 660-TX2-3 (Ecobross Alloy)
Issued: 1/6/2012

Revision: 2004
Model: 96 Series - Unplated, One Piece, 1/4-Turn Valves
Includes: 96-2S-1-W (w/ 1/4" Compression Outlet & 1/2" Wirsbo Inlet); 96-4-1-W (w/ 1/4" Compression Outlet & 1/2" NPSM / 1/2" Solder (Copper) Inlet); 96-8-1-W (w/ 1/4" Compression Outlet & 1/2" PEX Inlet); 96-9-1-W (w/ 1/4" Compression Outlet & 1/2" CPVC Inlet); 96-HS-1-W (w/ 1/4" Compression Outlet & 3/8" PEX Inlet) -Type AA
Issued: 12/22/2009

Revision: 2004
Model: 97 Series - Unplated, 1/4-Turn Valves
Includes: 97-2S-1-W (w/ 1/4" Compression Outlet & 1/2" Wirsbo Inlet); 97-4-1-W (w/ 1/4" Compression Outlet & 1/2" NPSM / 1/2" Solder Copper Inlet); 97-8-1-W (w/ 1/4" Compression Outlet & 1/2" PEX Inlet); 97-9-1-W (w/ 1/4" Compression Outlet & 1/2" CPVC Inlet); 97-HS-1-W (w/ 1/4" Compression Outlet & 3/8" PEX Inlet) - Type AA
Issued: 8/10/2009

Revision: 2004
Model: HS-100CS
Issued: 6/30/2005

Revision: 2004
Model: HS-379-2
Includes HS-379-3 (Ecobross Alloy), HS-379-8 (C6802 Brass Alloy/Plastic Piston), HS-379-9 (Ecobross Alloy/Plastic Piston)
Issued: 2/14/2012

Revision: 2004
Model: HS-389
Includes HS-389-2 (C6802 Brass Alloy), HS-389-3 (Ecobross Alloy), HS-389-8 (C6802 Brass Alloy/Plastic Piston) and HS-389-9 (Ecobross Alloy/Plastic Piston)
Issued: 6/30/2005

Revision: 2004
Model: HS-390
Includes HS-390-2 (C6802 Brass Alloy), HS-

390-3 (Ecobross Alloy), HS-390-8 (C6802 Brass Alloy/Plastic Piston) and HS-390-9 (Ecobross Alloy/Plastic Piston)
Issued: 6/30/2005

Revision: 2004
Model: HS-391
Includes HS-391-2 (C6802 Brass Alloy), HS-391-3 (Ecobross Alloy), HS-391-8 (C6802 Brass Alloy/Plastic Piston) and HS-391-9 (Ecobross Alloy/Plastic Piston)
Issued: 6/30/2005

Revision: 2004
Model: HS-392
Includes HS-392-2 (C6802 Brass Alloy), HS-392-3 (Ecobross Alloy), HS-392-8 (C6802 Brass Alloy/Plastic Piston) and HS-392-9 (Ecobross Alloy/Plastic Piston)
Issued: 6/30/2005

Revision: 2004
Model: HS-393
Includes HS-393-2 (C6802 Brass Alloy), HS-393-3 (Ecobross Alloy), HS-393-8 (C6802 Brass Alloy/Plastic Piston) and HS-393-9 (Ecobross Alloy/Plastic Piston)
Issued: 6/30/2005

Revision: 2004
Model: HS-394
Includes HS-394-2 (C6802 Brass Alloy), HS-394-3 (Ecobross Alloy), HS-394-8 (C6802 Brass Alloy/Plastic Piston) and HS-394-9 (Ecobross Alloy/Plastic Piston)
Issued: 6/30/2005

Revision: 2004
Model: HS-395
Includes HS-395-2 (C6802 Brass Alloy), HS-395-3 (Ecobross Alloy), HS-395-8 (C6802 Brass Alloy/Plastic Piston) and HS-395-9 (Ecobross Alloy/Plastic Piston)
Issued: 6/30/2005

Revision: 2004
Model: HS-396
Includes HS-396-2 (C6802 Brass Alloy), HS-396-3 (Ecobross Alloy), HS-396-8 (C6802 Brass Alloy/Plastic Piston) and HS-396-9 (Ecobross Alloy/Plastic Piston)
Issued: 6/30/2005

Revision: 2004
Model: HS-397
Includes HS-397-2 (C6802 Brass Alloy), HS-

397-3 (Ecobross Alloy), HS-397-8 (C6802 Brass Alloy/Plastic Piston) and HS-397-9 (Ecobross Alloy/Plastic Piston)
Issued: 6/30/2005

Revision: 2004
Model: HS-398
Includes HS-398-2 (C6802 Brass Alloy), HS-398-3 (Ecobross Alloy), HS-398-8 (C6802 Brass Alloy/Plastic Piston) and HS-398-9 (Ecobross Alloy/Plastic Piston)
Issued: 6/30/2005

Revision: 2004
Model: HS-399-1
Includes HS-399-1-2 (C6802 Brass Alloy), HS-399-1-3 (Ecobross Alloy), HS-399-1-8 (C6802 Brass Alloy/Plastic Piston) and HS-399-1-9 (Ecobross Alloy/Plastic Piston)
Issued: 2/14/2012

Revision: 2004
Model: HS-399-2
Includes HS-399-2-2 (C6802 Brass Alloy), HS-399-2-3 (Ecobross Alloy), HS-399-2-8 (C6802 Brass Alloy/Plastic Piston) and HS-399-2-9 (Ecobross Alloy/Plastic Piston)
Issued: 2/14/2012

Revision: 2004
Model: HS-400
Includes HS-400-2 (C6802 Brass Alloy), HS-400-3 (Ecobross Alloy), HS-400-8 (C6802 Brass Alloy/Plastic Piston) and HS-400-9 (Ecobross Alloy/Plastic Piston)
Issued: 6/30/2005

Revision: 2004
Model: HS-401
Includes HS-401-2 (C6802 Brass Alloy), HS-401-3 (Ecobross Alloy), HS-401-8 (C6802 Brass Alloy/Plastic Piston) and HS-401-9 (Ecobross Alloy/Plastic Piston)
Issued: 7/27/2009

Revision: 2004
Model: HS-402-8
Copper Sweat
Issued: 6/30/2005

Revision: 2004
Model: HS-403-8
Wirsbo Uponor PEX Connection TEE
Conection
Issued: 6/30/2005

Revision: 2004
Model: HS-404-8
Wirsbo Uponor PEX
Connection
Issued: 6/30/2005

Revision: 2004
Model: HS-405-8
PEX Connection
Issued: 6/30/2005

Revision: 2004
Model: HS-500
Includes HS-500-2
(C6802 Brass Alloy), HS-
500-3 (Ecobross Alloy),
HS-500-8 (C6802 Brass
Alloy/Plastic Piston) and
HS-500-9 (Ecobross
Alloy/Plastic Piston)
Issued: 2/23/2009

Revision: 2004
Model: HS-
FNWSWA1000
Includes HS-
FNWSWA1000-2 (C6802
Brass Alloy), HS-
FNWSWA1000-3
(Ecobross Alloy), HS-
FNWSWA1000-8 (C6802
Brass Alloy/Plastic
Piston) and HS-
FNWSWA1000-9
(Ecobross Alloy/Plastic
Piston)
Issued: 6/30/2005
Amended: 4/23/2008

Revision: 2004
Model: HS-
FNWSWA1250
Includes HS-
FNWSWA1250-2 (C6802
Brass Alloy), HS-
FNWSWA1250-3
(Ecobross Alloy), HS-
FNWSWA1250-8 (C6802
Brass Alloy/Plastic
Piston) and HS-
FNWSWA1250-9
(Ecobross Alloy/Plastic
Piston)
Issued: 6/30/2005
Amended: 4/23/2008

Revision: 2004
Model: HS-FNWSWA500
Includes HS-
FNWSWA500-2 (C6802
Brass Alloy), HS-
FNWSWA500-3
(Ecobross Alloy), HS-
FNWSWA500-8 (C6802
Brass Alloy/Plastic
Piston) and HS-
FNWSWA500-9
(Ecobross Alloy/Plastic
Piston)
Issued: 6/30/2005
Amended: 4/23/2008

Revision: 2004
Model: HS-FNWSWA750
Includes HS-
FNWSWA750-2 (C6802
Brass Alloy), HS-
ASSE Seal Authorizations -

FNWSWA750-3
(Ecobross Alloy), HS-
FNWSWA750-8 (C6802
Brass Alloy/Plastic
Piston) and HS-
FNWSWA750-9
(Ecobross Alloy/Plastic
Piston)
Issued: 6/30/2005
Amended: 4/23/2008

Revision: 2004
Model: Rear Load Series
- Chrome-Plated &
Unplated, 1/4-Turn
Valves
Includes: HS88331,
HS88331RB, HS88332,
HS88332RB (w/ 3/4"
Hose Thread Outlet &
1/2" Solder Inlet);
HS88333, HS88333RB,
HS88334, HS88334RB
(w/ 3/4" Hose Thread
Outlet & 1/2" CPVC
Inlet); HS88336,
HS88336RB, HS88337,
HS88337RB (w/ 3/4"
Hose Thread Outlet &
1/2" PEX Inlet);
HS88338, HS88338RB,
HS88339, HS88339RB
(w/ 3/4" Hose Thread
Outlet & 1/2" Wirsbo
Inlet); HS88351,
HS88351RB, HS88352,
HS88352RB (w/ 3/4"
Hose Thread Outlet &
3/8" PEX Inlet);
HS88354, HS88354RB,
HS88355, HS88355RB
(w/ 3/4" Hose Thread
Outlet & 1/2" Kitec
Inlet); HS88341,
HS88341RB (w/ 1/4"
Compression Outlet &
1/2" Solder Inlet);
HS88342, HS88342RB
(w/ 1/4" Compression
Outlet & 1/2" CPVC
Inlet); HS88343,
HS88343RB (w/ 1/4"
Compression Outlet &
1/2" PEX Inlet);
HS88344, HS88344RB
(w/ 1/4" Compression
Outlet & 1/2" Wirsbo
Inlet); HS88353,
HS88353RB (w/ 1/4"
Compression Outlet &
3/8" PEX Inlet);
HS88356, HS88356RB
(w/ 1/4" Compression
Outlet & 1/2" Kitec Inlet)
- Type AA
Issued: 6/6/2007

Revision: 2004
Model: SH-5521-A
Size: w/ 1/2"
NPTconnection
Includes SH-5521-A-2
(C6802 Brass Alloy), SH-
5521-A-3 (Ecobross
Alloy), SH-5521-A-8
(C6802 Brass
Alloy/Plastic Piston) and

SH-5521-A-9 (Ecobross
Alloy/Plastic Piston)
Issued: 5/6/2003
Amended: 12/11/2006

Revision: 2004
Model: SH-5523-A
Size: 1/2 inch NPT
Issued: 5/8/2002

Revision: 2004
Model: SH-5525-A
Size: w/ 5/8" NPT
Includes SH-5525-A-2
(C6802 Brass Alloy), SH-
5525-A-3 (Ecobross
Alloy), SH-5525-A-8
(C6802 Brass
Alloy/Plastic Piston) and
SH-5525-A-9 (Ecobross
Alloy/Plastic Piston)
Issued: 5/6/2003
Amended: 1/17/2012

IPS Corporation

Revision: 2004
Model: 86590
Size: 1/2" MIP
Lead Free
Issued: 5/24/2017

Revision: 2004
Model: 86591
Size: 5/8" comp. straight
Lead free
Issued: 5/24/2017

Revision: 2004
Model: 86592
Size: 1/4" x 1/4"
compression tee
Lead free
Issued: 5/24/2017

Revision: 2004
Model: 86593
Size: 3/8" x 3/8"
compression tee
Lead free
Issued: 5/24/2017

Revision: 2004
Model: 86594
Size: 5/8" x 5/8"
Compression Tee
Lead free
Issued: 5/24/2017

Revision: 2004
Model: 86595
Size: 3/8" x 3/8" reverse
nut tee
Lead free
Issued: 5/24/2017

Revision: 2004
Model: 86596
Size: 5/8" x 5/8" reverse
nut tee
Lead free
Issued: 5/24/2017

Revision: 2004
Model: 86597
Size: 3/8" x 3/8" PEX
barb tee
Lead free
Issued: 5/24/2017

Revision: 2004
Model: 86598
Size: 1/2" x 1/2" PEX
barb tee
Lead free
Issued: 5/24/2017

Revision: 2004
Model: 86599
Size: 1/2" Wirsbo Tee
Lead free
Issued: 5/24/2017

Revision: 2004
Model: 866 Series
(Includes: 86612 - 3/8"
Pex Barb T; 86613 - 1/2"
Pex Barb T; 86606 - 1/4"
x 1/4 Comp T; 86607
3/8" x 3/8" Comp T;
86608 5/8" x 5/8" Comp
T; 86609 - 3/8" x 3/8"
Reverse Nut T; 86610 -
5/8" x 5/8" Reverse Nut
T; 86602 - 1/2" MIP
connection; 86605 - 5/8"
OD Comp Straight
Adapter; 86604 - 1/2"
CPVC Socket; 86603 -
3/4" Male SWT; 86621
1/2" Pex Barb; 86601 -
1/2" Male SWT; 86600 -
3/4")
Issued: 8/14/2007

Revision: 2004
Model: 86600
Size: 3/4"
For Washing Machine
Issued: 5/24/2017

Revision: 2004
Model: 86601
Size: 1/2" Male Sweat
Issued: 5/24/2017

Revision: 2004
Model: 86603
Size: 3/4" Male Sweat
Issued: 5/24/2017

Revision: 2004
Model: 86604
Size: 1/2" CPVC Socket
Issued: 5/24/2017

Revision: 2004
Model: 86621
Size: 1/2" PEX Barb
Arrester
C6802 Brass Alloy/Plastic
Piston
Issued: 5/24/2017

Revision: 2004
Model: 86624
Size: 1/2" Male CPVC
Issued: 5/24/2017

Revision: 2004
Model: 88337,
88337RB, 88336,
88336RB, 88334,
88334RB, 88333,
88333RB, 88339,
88339RB, 88338,
88338RB, 88332,
88332RB, 88331,
88331RB
1/4-Turn, Chrome-Plated
and Unplated Valves w/
3/4" Hose Thread Outlet
& 1/2" PEX, 1/2" CPVC,
1/2" Wirsbo or 1/2"
Solder Inlets
Issued: 6/6/2007

Revision: 2004
Model: 88343,
88343RB, 88342,
88342RB, 88344,
88344RB, 88341,
88341RB
1/4-Turn, Chrome-Plated
and Unplated Valves w/
1/4" Outlet & 1/2" PEX,
1/2" CPVC, 1/2" Wirsbo
or 1/2" Solder Inlets
Issued: 6/6/2007

Revision: 2004
Model: 8835/36 Series -
Type AA
(Includes: 88351 &
88352 w/ 3/4" Hose
Thread Outlet & 1/2"
Sweat Inlet; 88353 &
88354 w/ 3/4" Hose
Thread Outlet & 1/2"
PEX Inlet; 88356 & 88357 w/
3/4" Hose Thread Outlet &
1/2" CPVC Inlet; 88358 &
88359 w/ 3/4" Hose
Thread Outlet & 1/2"
Wirsbo Inlet; 88361 w/
3/4" Compression Outlet
& 1/2" Sweat Inlet; 88362
w/ 3/4" Compression
Outlet & 1/2" PEX Inlet;
88363 w/ 3/4"
Compression Outlet &
1/2" CPVC Inlet; 88364 w/
3/4" Compression Outlet
& 1/2" Wirsbo Inlet)
Issued: 10/20/2008

Revision: 2004
Model: 8836 Series
Size: Type AA
(Includes: 88366 w/
1/4" Compression Outlet
and 1/2" Sweat Inlet;
88367 w/ 1/4"
Compression Outlet and
1/2" PEX Inlet; 88368 w/
1/4" Compression Outlet
and 1/2" CPVC Inlet;
88369 w/ 1/4"
Compression Outlet and
1/2" Wirsbo Inlet)
Issued: 9/10/2009

JAY R. SMITH MFG., CO.

Revision: 2004
 Model: 5201-AA & 5201-AA-SC
 Size: 1/2 inch
 Threaded & Sweat connections
 Issued: 1/30/2004
 Amended: 2/13/2018

Revision: 2004
 Model: 5205-A & 5205-A-SC
 Size: 1/2 inch
 Threaded & Sweat connections
 Issued: 1/30/2004
 Amended: 2/13/2018

Revision: 2004
 Model: 520-T-A & 520-SC-A
 Issued: 12/2/2004
 Amended: 2/13/2018

Revision: 2004
 Model: 520-T-AA & 520-SC-AA
 Issued: 12/2/2004
 Amended: 2/13/2018

Revision: 2004
 Model: 520-T-B & 520-SC-B
 Issued: 12/2/2004
 Amended: 2/13/2018

Revision: 2004
 Model: 520-T-C & 520-SC-C
 Issued: 12/2/2004
 Amended: 2/13/2018

Revision: 2004
 Model: 520-T-D & 520-SC-D
 Issued: 12/2/2004
 Amended: 2/13/2018

Revision: 2004
 Model: 520-T-E & 520-SC-E
 Issued: 12/2/2004
 Amended: 2/13/2018

Revision: 2004
 Model: 520-T-F & 520-SC-F
 Issued: 12/2/2004
 Amended: 2/13/2018

Revision: 2004
 Model: 5210-B & 5210-B-SC
 Threaded & Sweat connections
 Issued: 1/30/2004
 Amended: 2/13/2018

Revision: 2004
 Model: 5220-C & 5220-C-SC
 Threaded & Sweat connections
 Issued: 1/30/2004
 Amended: 2/13/2018

Revision: 2004
 Model: 5230-D & 5230-D-SC
 Threaded & Sweat connections
 Issued: 1/30/2004
 Amended: 2/13/2018

Revision: 2004
 Model: 5240-E & 5240-E-SC
 Threaded & Sweat connections
 Issued: 1/30/2004
 Amended: 2/13/2018

Revision: 2004
 Model: 5250-F & 5250-F-SC
 Threaded & Sweat connections
 Issued: 1/30/2004
 Amended: 2/13/2018

Korea Seal Technologies

Revision: 2004
 Model: WHB-A
 Size: 3/4" NPT
 Issued: 4/28/2008

Revision: 2004
 Model: WHB-B
 Size: 1" NPT
 Issued: 4/28/2008

Revision: 2004
 Model: WHB-C
 Size: 1" NPT
 Issued: 7/20/2009

Revision: 2004
 Model: WHB-D
 Size: 1" NPT
 Issued: 7/20/2009

Revision: 2004
 Model: WHB-E
 Size: 1" NPT
 Issued: 7/20/2009

Revision: 2004
 Model: WHB-F
 Size: 1" NPT
 Issued: 7/20/2009

MIFAB, Inc.

Revision: 2004
 Model: CL-A/MWH-A
 Size: 1/2 inch NPT
 Issued: 7/29/2003

Revision: 2004
 Model: CL-AA
 Size: 1/2 inch
 Water Hammer Arrestor
 Issued: 12/9/2004

Revision: 2004
 Model: CL-AA/MWH-AA
 Size: 1/2 inch NPT
 Issued: 7/29/2003

Revision: 2004
 Model: CL-B
 Size: 3/4 inch
 Water Hammer Arrestor
 Issued: 12/9/2004

Revision: 2004
 Model: CL-B/MWH-B
 Size: 3/4" NPT
 Issued: 7/29/2003

Revision: 2004
 Model: CL-C
 Size: 1 inch
 Water Hammer Arrestor
 Issued: 12/9/2004

Revision: 2004
 Model: CL-C/MWH-C
 Size: 3/4" NPT Piston Type C
 Issued: 7/29/2003

Revision: 2004
 Model: CL-D, MWH-D-NPB
 Size: 1-1/4 inch
 Water Hammer Arrestor
 Issued: 12/9/2004

Revision: 2004
 Model: CL-E, MWH-E-NPB
 Size: 1-1/2 inch
 Water Hammer Arrestor
 Issued: 12/9/2004

Revision: 2004
 Model: CL-F-NPB, MWH-F-NPB
 Size: 2 inch
 Water Hammer Arrestor
 Issued: 12/9/2004

Revision: 2004
 Model: CLS-A
 Size: 1/2 inch
 Water Hammer Arrestor
 Issued: 12/9/2004

Revision: 2004
 Model: CLS-B
 Size: 3/4 inch
 Water Hammer Arrestor
 Issued: 12/9/2004

Revision: 2004
 Model: CLS-C
 Size: 1 inch
 Water Hammer Arrestor
 Issued: 12/9/2004

Oatey Company

Revision: 2004
 Model: 34457
 Size: 1/2"
 Quiet Pipes Hammer Arrestor, Male Sweat, Straight
 Issued: 4/18/2018

Revision: 2004
 Model: 34458
 Size: 1/2"
 Quiet Pipes Hammer Arrestor, CPVC Female, Straight
 Issued: 4/18/2018

Revision: 2004
 Model: 34459
 Size: 1/2"
 Quiet Pipes Hammer Arrestor, CPVC Male, Straight
 Issued: 4/18/2018

Revision: 2004
 Model: 34460
 Size: 1/2"
 Quiet Pipes Hammer Arrestor, F1960, Straight
 Issued: 4/18/2018

Revision: 2004
 Model: 34461
 Size: 1/2"
 Quiet Pipes Hammer Arrestor, F1807, Straight
 Issued: 4/18/2018

Revision: 2004
 Model: 34463
 Size: 3/4"
 Quiet Pipes Hammer Arrestor, Male Sweat, Straight
 Issued: 4/18/2018

Revision: 2004
 Model: 34465
 Size: 3/8"
 Quiet Pipes Hammer Arrestor, O.D. Compression x Female Tee
 Issued: 4/18/2018

Revision: 2004
 Model: 34467
 Size: 5/8"
 Quiet Pipes Hammer Arrestor, O.D. Compression x Female Tee
 Issued: 4/18/2018

Revision: 2004
 Model: 34471
 Size: 1/2"
 Quiet Pipes Hammer Arrestor, PEX F1960 Tee
 Issued: 4/18/2018

Revision: 2004
 Model: 34472
 Size: 1/2"
 Quiet Pipes Hammer Arrestor, PEX F1807 Tee
 Issued: 4/18/2018

Revision: 2004
 Model: 34473, 34475
 Size: 1/4"
 Quiet Pipes Hammer Arrestor, O.D. Compression Tee or

Compression x Female Tee
 Issued: 4/18/2018

Revision: 2004
 Model: 34474
 Size: 3/8"
 Quiet Pipes Hammer Arrestor, O.D. Compression Tee
 Issued: 4/18/2018

Revision: 2004
 Model: 34476, 34481, 34482, 34491
 Size: 1/2"
 Quiet Pipes Hammer Arrestor, F1960 PEX, F1807 PEX, MIP, Straight, Female CPVC
 Issued: 4/18/2018

Revision: 2004
 Model: 34477, 34485, 34494, 34496
 Size: 1"
 Quiet Pipes Hammer Arrestor, MIP, CPVC Socket, F1807 or F1960, Straight
 Issued: 4/18/2018

Revision: 2004
 Model: 34479, 34489
 Size: 1"
 Quiet Pipes Hammer Arrestor, MIP or Male Sweat/Press, Straight
 Issued: 4/18/2018

Revision: 2004
 Model: 34480
 Size: 1"
 Quiet Pipes Hammer Arrestor, MIP, Straight
 Issued: 4/18/2018

Revision: 2004
 Model: 34483
 Size: 3/4"
 Quiet Pipes Hammer Arrestor, Male Sweat/Press, Straight
 Issued: 4/18/2018

Revision: 2004
 Model: 34484, 34495
 Size: 3/4"
 Quiet Pipes Hammer Arrestor, MIP or F1960, Straight
 Issued: 4/18/2018

Revision: 2004
 Model: 34486
 Size: 1/2"
 Quiet Pipes Hammer Arrestor, Male Sweat/Press, Straight
 Issued: 4/18/2018

Revision: 2004
Model: 34487
Size: 1"
Quiet Pipes Hammer
Arrestor, Male
Sweat/Press, Straight
Issued: 4/18/2018

Revision: 2004
Model: 34488
Size: 1"
Quiet Pipes Hammer
Arrestor, Male
Sweat/Press, Straight
Issued: 4/18/2018

Revision: 2004
Model: 34490
Size: 1"
Quiet Pipes Hammer
Arrestor, Male
Sweat/Press, Straight
Issued: 4/18/2018

Revision: 2004
Model: 34491
Size: 1/2"
Quiet Pipes Hammer
Arrestor, CPVC Socket,
Straight
Issued: 4/18/2018

Revision: 2004
Model: 34492, 34493
Size: 3/4"
Quiet Pipes Hammer
Arrestor, CPVC Socket or
F1807, Straight
Issued: 4/18/2018

Revision: 2004
Model: 34497
Size: 1/2"
Issued: 4/18/2018
Amended: 12/3/2018

Revision: 2004
Model: 34498
Size: 1/2"
Issued: 4/18/2018
Amended: 11/1/2018

Revision: 2004
Model: 38600
Size: 3/4" Hose Swivel
Issued: 5/23/2006

Revision: 2004
Model: 38601
Size: 1/2" M NPT
Issued: 5/23/2006

Revision: 2004
Model: 39177
Size: 1/2" MIP
Issued: 10/28/2009

Revision: 2004
Model: 90 Series
Size: Size AA
Issued: 5/27/2003

Revision: 2004
Model: 90 Series -
Unplated, 1/4-Turn
Valves, White Handle
Includes: 906185 w/
1/4" Compression Outlet
& 1/2" F-1960 Inlet,
906155 w/ 1/4"
Compression Outlet &
1/2" NPSM / 1/2" Solder
(Copper) Inlet, 906175
w/ 1/4" Compression
Outlet & 1/2" F-1807
Inlet, 906165 w/ 1/4"
Compression Outlet &
1/2" CPVC Inlet, 906455
w/ 1/4" Compression
Outlet & 3/8" F-1807
Inlet - Type AA
Issued: 8/12/2009

Revision: 2004
Model: 90 Series -
Unplated, One-Piece,
1/4-Turn, White Handle
Includes: 9002303 w/
1/4" Compression Outlet
& 1/2" F-1960 Inlet,
9002263 w/ 1/4"
Compression Outlet &
1/2" NPSM / 1/2" Solder
(Copper) Inlet, 9002283
w/ 1/4" Compression
Outlet & 1/2" F-1807
Inlet, 9002273 w/ 1/4"
Compression Outlet &
1/2" CPVC Inlet,
9002293 w/ 1/4"
Compression Outlet &
3/8" F-1807 Inlet - Type
AA
Issued: 12/28/2009

Revision: 2004
Model: 906052, 906062,
38400, 38401
Size: 1/2" NPT
with 1/4 turn valve and
blue or red handle
Issued: 1/28/2013

Revision: 2004
Model: 906092, 906102,
38408, 38409
Size: 1/2" PEX
with 1/4 turn valve and
blue or red handle
Issued: 1/28/2013

Revision: 2004
Model: 906112, 906122,
38404, 38405
Size: 1/2" Wirsbo
with 1/4 turn valve and
red or blue handle
Issued: 1/28/2013

Revision: 2004
Model: 906155, 39166
Size: 1/2" NPT
with IM valve and green
handle
Issued: 1/28/2013

Revision: 2004
Model: 906175, 39168
Size: 1/2" PEX
with IM valve and green
handle
Issued: 1/28/2013

Revision: 2004
Model: 906185, 39169
Size: 1/2" Wirsbo
with IM valve and green
handle
Issued: 1/28/2013

Revision: 2004
Model: 906455, 39170
Size: 3/8" PEX
with IM valve and green
handle
Issued: 1/28/2013

**Precision Plumbing
Products**
Revision: 2004
Model: MM-5001FCT
Size: 3/8" Female Comp.
T
Issued: 11/30/2009

Revision: 2004
Model: MM-5002 CPT-
AA
Size: 5/8" compression
tee
Issued: 10/14/1998

Revision: 2004
Model: MM-5002FCT
Size: 5/8" Female Comp.
T
Issued: 11/30/2009

Revision: 2004
Model: MM-5003 CPT-
AA
Size: 3/8" compression
tee
Issued: 10/14/1998

Revision: 2004
Model: MM-5004 CPT-
AA
Size: 1/4" compression
tee
Issued: 10/14/1998

Revision: 2004
Model: MM-500ASCP-AA
Size: 5/8" cmpression
angle stop
Issued: 10/14/1998
Amended: 1/12/2009

Revision: 2004
Model: MM-500ASTH-
AA
Size: 1/2" threaded
(FMIP) threaded angle
stop
Issued: 10/14/1998
Amended: 1/12/2009

Revision: 2004
Model: MM-500CT-AA
Size: 1/2" compression x
3/8" NPT
Issued: 10/14/1998
Amended: 1/12/2009

Revision: 2004
Model: MM-500-FPF
(CPVC)-AA
Size: 1/2" female
connection
Issued: 10/14/1998

Revision: 2004
Model: MM-500L-AA
Size: 3/4" male x female
swivel hose
Issued: 10/14/1998

Revision: 2004
Model: MM-500LS-AA
Size: 1/2" sweat x 5/8"
compression
Issued: 10/14/1998

Revision: 2004
Model: MM-500-MPF
(CPVC)-AA
Size: 1/2" male
connection
Issued: 10/14/1998

Revision: 2004
Model: MM-500PEX-AA
Size: 1/2" PEX barb
fitting
Issued: 10/14/1998

Revision: 2004
Model: MM-500ST-AA
Size: 1/2" sweat x 1/2"
sweat
Issued: 10/14/1998
Amended: 1/12/2009

Revision: 2004
Model: MM-
500STRPEX19
Size: 3/4" PEX FITTING
COUPLING
Issued: 10/14/1998

Revision: 2004
Model: MM-500STRPEX-
AA
Size: 5/8" standard Pex
fitting
Issued: 10/14/1998

Revision: 2004
Model: MM-500SWA-AA
Size: 1/2" sweat
Issued: 10/14/1998

Revision: 2004
Model: MM-500-TH-AA
Size: 1/2" threaded
Issued: 10/14/1998
Amended: 7/14/2005

Revision: 2004
Model: MM-500TS-AA
Size: 1/2" sweat x 1/2"
MIP
Issued: 10/14/1998

Revision: 2004
Model: MM-500TSSO
Size: 1/2" Tub/Shower
Stub Out
Issued: 11/30/2009

Revision: 2004
Model: MM-500TSSO2
Size: 5/8" Tub/Shower
Stub Out 2/outlet
Issued: 11/30/2009

Revision: 2004
Model: SBHA-1000C
Size: 1 inch
Issued: 8/25/2015

Revision: 2004
Model: SBHA-1250D
Size: 1 inch
Issued: 8/25/2015

Revision: 2004
Model: SBHA-1500E
Size: 1 inch
Issued: 8/25/2015

Revision: 2004
Model: SBHA-2000F
Size: 1 inch
Issued: 8/25/2015

Revision: 2004
Model: SBHA-500A
Size: 3/4 inch
Issued: 8/25/2015

Revision: 2004
Model: SBHA-750B
Size: 1 inch
Issued: 8/25/2015

Revision: 2004
Model: SC-1000
Size: w/ 1/2", 3/4", 1"
NPT
Issued: 5/11/2000
Amended: 3/9/2012

Revision: 2004
Model: SC-1000-C, SS-
1000-304, SS-1000-316
threaded connections
Issued: 5/11/2000
Amended: 10/28/2009

Revision: 2004
Model: SC-1250-D, SS-
1250-304, SS-1250-316
threaded connections
Issued: 5/11/2000
Amended: 10/28/2009

Revision: 2004
Model: SC-1500-E, SS-
1500-304, SS-1500-316
threaded connections
Issued: 5/11/2000
Amended: 10/28/2009

Revision: 2004
Model: SC-2000-F, SS-
2000-304, SS-2000-316
threaded connections
Issued: 5/11/2000
Amended: 10/28/2009

Revision: 2004
Model: SC-500
Size: w/ 1/2", 3/4", 1"
NPT
Issued: 5/11/2000
Amended: 3/9/2012

Revision: 2004
Model: SC-500-A, SS-500-304, SS-500-316 threaded connections
Issued: 5/11/2000
Amended: 7/14/2005, 10/28/2009

Revision: 2004
Model: SC-750
Size: w/ 1/2", 3/4", 1"
NPT
Issued: 5/11/2000
Amended: 3/9/2012

Revision: 2004
Model: SC-750-B, SS-750-304, SS-750-316 threaded connections
Issued: 5/11/2000
Amended: 7/14/2005, 10/28/2009

Revision: 2004
Model: SS-500-304BNX threaded connections
Issued: 1/7/2015

Revision: 2004
Model: SS-750-304BNX threaded connections
Issued: 1/7/2015

Revision: 2004
Model: SS-1000-304BNX threaded connections
Issued: 1/7/2015

Revision: 2004
Model: SS-1250-304BNX threaded connections
Issued: 1/7/2015

Revision: 2004
Model: SS-1500-304BNX threaded connections
Issued: 1/7/2015

Revision: 2004
Model: SS-2000-304BNX threaded connections
Issued: 1/7/2015

Revision: 2004
Model: SWA-1000-C sweat connections
Issued: 5/11/2000

Revision: 2004
Model: SWA-1250-D sweat connections
Issued: 5/11/2000

Revision: 2004
Model: SWA-1500-E sweat connections
Issued: 5/11/2000

Revision: 2004
Model: SWA-2000-F sweat connections
Issued: 5/11/2000

Revision: 2004
Model: SWA-500-A sweat connections
Issued: 5/11/2000

Revision: 2004
Model: SWA-750-B sweat connections
Issued: 5/11/2000

Revision: 2004
Model: WHA-500L
Issued: 5/11/2000

PT Ever Age Valves Metals

Revision: 2004
Model: HM Series
HM 2P (1/2" PEX X 1/2" PEX), HM 14(1/4" OD COMP X 1/4" OD COMP), HM 38 (3/8" OD COMP X 3/8" OD COMP), HM 76 (7/16" OD COMP X 7/16" OD COMP), HM 12 (1/2" OD COMP X 1/2" OD COMP), HM 53 (5/8" OD COMP X 3/8" OD COMP), HM 58 (5/8" OD COM X 5/8" OD COMP), HM 38L (3/8" OD COMP X 3/8" OD REVERSE NUT), HM 53L (5/8" OD COMP X 3/8" OD REVERSE NUT), HM 58L (5/8" OD COMP X 5/8" OD REVERSE NUT); HM 23 (1/2" MIP X 3/8" OD COMP), HM 25 (1/2" MIP X 5/8" OD COMP), HM 22 (1/2" MIP X 1/2" OD COMP); HM 12C (1/2" FCxC 1/2" FCxC), HM 2C5 (1/2" FCxC X 5/8" OD COMP), HM 2C3 (1/2" FCxC X 3/8" OD COMP), HM 2C2 (1/2" FCxC X 1/2" OD COMP), HM 2 (1/2" MIP), HM 3 (3/4" MIP), HM 1CM (1/4" OD COMP), HM 3CM (3/8" OD COMP), HM 5CM (5/8" OD COMP), HM 2C (1/2" MCxC), HM 3C (3/4" MCxC), HM 2PX (1/2" PEX), HM 3PX (3/4" PEX), HM 2CPVC (1/2" CPVC), HMH 3 (3/4" FHT X 3/4" FHT), HM 1PX (3/8" PEX), HM 3 CPVC (3/4" CPVC), HM 2WB(1/2" WB), HM 2RH (1/2" RH), HM 1 P (3/8" PEX x 3/8" PEX), HM 3P (3/4" PEX x 3/4" PEX), HM 22 WB (1/2" WB x 1/2" WB), HM 22RH (1/2" RH x 1/2" RH), HM 22L (1/2" OD COMP x 1/2" OD REVERSE NUT), HM 23L (1/2" OD COMP x 3/8" OD REVERSE

NUT), HM 25L (1/2" OD COMP x 5/8" OD REVERSE NUT), HM 32L (3/8" OD COMP x 1/2" OD REVERSE NUT), HM 52L (5/8" OD COMP x 1/2" OD REVERSE NUT), HM 123 (1/2" MC x C x 3/8" OD COMP), HM 125 (1/2" MC x C X 5/8" OD COMP), HM 122 (1/2" MC x C x 1/2" OD COMP)
Issued: 1/4/2008
Amended: 10/14/2011

Sioux Chief Mfg. Co. Inc.

Revision: 2004
Model: 652
Size: 1/2 inch
With options of: A (MIP), AS (Sweat), AC (CPVC), AX (F1807 PEX, AWG (F1960 PEX)
Issued: 6/1/2000
Amended: 5/26/2009

Revision: 2004
Model: 653
Size: 3/4 inch
With options of: B (MIP), BS (Sweat), BC (CPVC), BX (F1807 PEX), BWG (F1960 PEX)
Issued: 6/1/2000
Amended: 5/26/2009

Revision: 2004
Model: 654
Size: 1 inch
With options of: C (MIP), CS (Sweat), CC (CPVC), CX (F1807 PEX), CWG (F1960 PEX)
Issued: 6/1/2000
Amended: 5/26/2009

Revision: 2004
Model: 655
Size: 1 inch
With options of: D (MIP), DS (Sweat)
Issued: 6/1/2000
Amended: 5/26/2009

Revision: 2004
Model: 656
Size: 1 inch
With options of: E (MIP), ES (Sweat)
Issued: 6/1/2000
Amended: 5/26/2009

Revision: 2004
Model: 657
Size: 1 inch
With options of: F (MIP), FS (Sweat)
Issued: 6/1/2000
Amended: 5/26/2009

Revision: 2004
Model: 660-G2
Size: 1/2 inch straight adapter connection only
Issued: 2/28/2003
Amended: 9/4/2008

Revision: 2004
Model: 660-H
Size: 3/4" MHT x 3/4" FHT
Issued: 2/28/2003
Amended: 9/4/2008

Revision: 2004
Model: 660-LV, 660-V82B, 660-TK, 660-X2B, 660-G2, 660-GLV, 660-GT, 660-GTCO, 660-GTC1, 660-GTR, 660-GTR1, 660-GTW2, 660-GTX2
Size: 1/4" male thread
Issued: 2/28/2003
Amended: 9/4/2008, 2/28/2013

Revision: 2004
Model: 660-LVS
Size: 5/8" Female Thread
Issued: 2/28/2003
Amended: 2/28/2013

Revision: 2004
Model: 660-LVS3
Size: 1/4" male thread
Issued: 2/28/2003

Revision: 2004
Model: 660-Q2
Size: 1/2" Push Fitting
Issued: 2/28/2003
Amended: 5/4/2016, 5/19/2016

Revision: 2004
Model: 660-SB
Size: 1/2" Sweat
Issued: 2/28/2003
Amended: 9/4/2008, 4/7/2009

Revision: 2004
Model: 660-T22
Size: 1/2" sweat
Issued: 2/28/2003
Amended: 9/4/2008

Revision: 2004
Model: 660-V2B
Size: 1/2" CPVC
Issued: 2/28/2003
Amended: 9/4/2008

TAHO Valves
Revision: 2004
Model: 300-02T, 300-02TE, 300-02TN - 1/4"OD Compression Tee; 300-03T, 300-03TE, 300-03TN - 3/8"OD Compression Tee; 300-04T, 300-04TE, 300-04TN - 1/2"OD Compression Tee; 300-05T, 300-05TE, 300-05TN - 5/8"OD Compression Tee; 300-06SH, 300-06SHE, 300-06SHN - 3/4" Male N11x Female Swivel NH; 300-04JT, 300-04JTE, 300-04JTN - 1/2"OD Tube Slip Joint Tee; 300-03FT, 300-03FTE, 300-03FTN - 3/8"OD FEM COMPx3/8"OD COMP, 300-06SHW, 300-06SHWE, 300-06SHWN 3/4" FSHT x MHT (straight) - Size: 1/4 inch -Type AA
Issued: 9/29/2004
Amended: 10/26/2009

Revision: 2004
Model: 300-03P, 300-03PE, 300-03PN - 3/8" PEX Type AA
Issued: 10/10/2005
Amended: 10/26/2009

Revision: 2004
Model: 300-04A - 1/2" NPT
Issued: 2/12/2009

Revision: 2004
Model: 300-04C, 300-04CE, 300-04CN - 1/2" Female Sweat Type AA
Issued: 10/10/2005
Amended: 10/26/2009

Revision: 2004
Model: 300-04M, 300-04ME, 300-04MN - 1/2" MIP; 300-04MC, 300-04MCE, 300-04MCN - 1/2" Male Sweat; 300-06MC, 300-06MCE, 300-06MCN - 3/4" Male Sweat; 300-04V, 300-04VE, 300-04VN - 1/2" CPVC; 300-05, 300-05E, 300-05N - 5/8" OD Compression; 300-03PT, 300-03PTE, 300-03PTN - 3/8" PEX TEE; 300-04PT, 300-04PTE, 300-04PTN - 1/2" PEX TEE; 300-03M, 300-03ME, 300-03MN - 3/8" MIP; 300-06M, 300-06ME, 300-06MN - 3/4" MIP; 300-06MR, 300-06MRE, 300-06MRN - 3/4" MIP Chrome; 300-04VF, 200-04VFE, 300-

04VFN -1/2" CPVC Fem;
300-04-1, 300-04-1E,
300-04-1N - 5/8" UNS;
300-04MCW, 300-
04MCWE, 300-04MCWN
1/2" Male Sweat (longer
tube); 300-06 MCW,
300-06MCWE, 300-
06MCWN - 3/4" Male
Sweat (longer tube) Size:
1/2 inch- Type AA
Issued: 9/29/2004
Amended: 12/9/2008,
10/26/2009

Revision: 2004
Model: 300-04P, 300-
04PE, 300-04PN - 1/2"
PEX
Type AA
Issued: 10/10/2005
Amended: 10/26/2009

Revision: 2004
Model: 300-04WN -
1/2" Wirsbo (F1960)
Issued: 9/29/2004
Amended: 6/28/2017

Revision: 2004
Model: 300-04WTN -
1/2" Wirsbo Tee (F1960)
Issued: 9/29/2004
Amended: 6/28/2017

Revision: 2004
Model: 300-05FT, 300-
05FTE, 300-05FTN - 5/8"
OD Female Compression
x 5/8" OD Comp Tee
Type AA
Issued: 10/10/2005
Amended: 10/26/2009

Revision: 2004
Model: 300-06B - 3/4"
NPT
Issued: 2/12/2009

Revision: 2004
Model: 300-06C, 300-
06CE, 300-06CN - 3/4"
Female Sweat
Type AA
Issued: 10/10/2005
Amended: 10/26/2009

Revision: 2004
Model: 300-06P, 300-
06PE, 300-06PN - 3/4"
PEX
Type AA
Issued: 10/10/2005
Amended: 10/26/2009

Revision: 2004
Model: 300-10C - 1" NPT
Issued: 2/12/2009

Revision: 2004
Model: 300-12D - 1 1/4"
NPT
Issued: 2/12/2009

Revision: 2004
Model: 300-14E - 1 1/2"
NPT
Issued: 2/12/2009

Revision: 2004
Model: 300-20F - 2" NPT
Issued: 2/12/2009

**Taizhou Yongtong Brass
Industry Co., LTD**

Revision: 2004
Model: HA-001 & HA-
001-LL
Size: AA w/ sweat
connections
Issued: 4/21/2010
Amended: 7/12/2010

**Wade Specification
Drainage Products**

Revision: 2004
Model: 4480 A
Size: 3/4 inch NPT Type
A
SS Bellows Shokstop
Issued: 6/3/2015

Revision: 2004
Model: 4480 B
Size: 1 inch NPT Type B
SS Bellows Shokstop
Issued: 6/3/2015

Revision: 2004
Model: 4480 C
Size: 1 inch NPT Type C
SS Bellows Shokstop
Issued: 6/3/2015

Revision: 2004
Model: 4480 D
Size: 1 inch NPT Type D
SS Bellows Shokstop
Issued: 6/3/2015

Revision: 2004
Model: 4480 E
Size: 1 inch NPT Type E
SS Bellows Shokstop
Issued: 6/3/2015

Revision: 2004
Model: 4480 F
Size: 1 inch NPT Type F
SS Bellows Shokstop
Issued: 6/3/2015

**Watts Regulator
Company**

Revision: 2004
Model: 05-C-T & W05-
1M (OD Compression
Tee)
Size: 1/4"
Issued: 6/8/2009

Revision: 2004
Model: 15M2-A,
LF15M2-A
Size: 1/2"
Issued: 7/8/2010
Amended: 10/26/2012,
8/24/2018

Revision: 2004
Model: 15M2-AS,
LF15M2-AS
Size: 1/2"
Issued: 7/8/2010
Amended: 10/26/2012,
8/24/2018

Revision: 2004
Model: 15M2-B,
LF15M2-B
Size: 3/4"
Issued: 7/8/2010
Amended: 10/26/2012,
8/24/2018

Revision: 2004
Model: 15M2-BS,
LF15M2-BS
Size: 3/4"
Issued: 7/8/2010
Amended: 10/26/2012,
8/24/2018

Revision: 2004
Model: 15M2-C,
LF15M2-C
Size: 1"
Issued: 7/8/2010
Amended: 10/26/2012,
8/24/2018

Revision: 2004
Model: 15M2-CS,
LF15M2-CS
Size: 1"
Issued: 7/8/2010
Amended: 10/26/2012,
8/24/2018

Revision: 2004
Model: 15M2-D,
LF15M2-D
Size: 1 1/4"
Issued: 7/8/2010
Amended: 10/26/2012,
8/24/2018

Revision: 2004
Model: 15M2-DS,
LF15M2-DS
Size: 1 1/4"
Issued: 7/8/2010
Amended: 10/26/2012,
8/24/2018

Revision: 2004
Model: 15M2-E,
LF15M2-E
Size: 1 1/2"
Issued: 7/8/2010
Amended: 10/26/2012,
8/24/2018

Revision: 2004
Model: 15M2-ES,
LF15M2-ES
Size: 1 1/2"
Issued: 7/8/2010
Amended: 10/26/2012,
8/24/2018

Revision: 2004
Model: 15M2-F,
LF15M2-F
Size: 2"
Issued: 7/8/2010
Amended: 10/26/2012,
8/24/2018

Revision: 2004
Model: 15M2-FS,
LF15M2-FS
Size: 2"
Issued: 7/8/2010
Amended: 10/26/2012,
8/24/2018

Revision: 2004
Model: LF05, 05 (MIP),
05-BSPP (MIP[BSPF]),
LF05-S, 05-S (Male
Sweat), 05-CPVC (CPVC),
LF05-PEX-T, 05-PEX-T
(PEX Tee), LF05-QC, 05-
QC (Male Sweat)
Size: 1/2"
Issued: 6/8/2009

Revision: 2004
Model: LF05, 05 (MIP),
LF05-PEX-T, 05-PEX-T
(PEX Tee), LF05-C-T, 05-
C-T (OD Compression
Tee), LF05-CXT, 05-CXT
(OD Fem. Compression x
OD Compression), W05-
06S (OD Fem.
Compression x OD
Compression)
Size: 3/8"
Issued: 6/8/2009

Revision: 2004
Model: LF05-C, 05-C
(OD Compression), 05-
CXT (OD Fem.
Compression x OD
Compression), W05-10S
- OD Fem. Compression
x OD Compression)
Size: 5/8"
Issued: 6/8/2009

Revision: 2004
Model: LF05H, 05H
(Female Swivel Hose
Thread x Male Hose
Thread - Straight),
LF05H-M1, 05H-M1
(Female Swivel Hose
Thread x Male Hose
Thread - Angle), 05A-CH
(MIP), LF05-S, 05-S
(Male Sweat), 05-QC
(Male Sweat)
Size: 3/4"
Issued: 6/8/2009

**Wilkins / A Division of
Zurn**

Revision: 2004
Model: 1250AA-2PT
(Z1705AA-2PT,
WH2950AA-2PT)
Size: 3/8" OD COMP TEE
Issued: 10/12/2004

Revision: 2004
Model: 1250AA-3
(Z1705AA-3,
WH2950AA-3), 1250AA-
3C (Z1705AA-3C,
WH2950AA-3C) &
1250AA-3V (Z1705AA-
3V, WH2950AA-3V)
Size: 1/2"
w/ M NPT, M Sweat &
CPVC
Issued: 10/12/2004
Amended: 8/17/2012

Revision: 2004
Model: 1250AA-4P
(Z1705AA-4P,
WH2950AA-4P)
Size: 5/8" OD COMP
Issued: 10/12/2004

Revision: 2004
Model: 1250AA-5C
(Z1705AA-5C,
WH2950AA-5C) &
1250AA-5H (Z1705AA-
5H, WH2950AA-5H)
Size: 3/4"
with M SWEAT & Hose
Swivel
Issued: 10/12/2004
Amended: 8/17/2012

Revision: 2004
Model: 1260XL-A /
WH2950-A-XL
Issued: 8/15/2018

Revision: 2004
Model: 1260XL-B /
WH2950-B-XL
Issued: 8/15/2018

Revision: 2004
Model: 1260XL-C /
WH2950-C-XL
Issued: 8/15/2018

Revision: 2004
Model: 1260XL-D /
WH2950-D-XL
Issued: 8/15/2018

Revision: 2004
Model: 1260XL-E /
WH2950-E-XL
Issued: 8/15/2018

Revision: 2004
Model: 1260XL-F /
WH2950-F-XL
Issued: 8/15/2018

**Wolseley PLC c/o Ho
Sing Enterprises**

Revision: 2004
Model: FNW10PD
Size: 1/2 MNPT
1/2 MNPT COMM WTR
HAMM ARRESTOR
Issued: 9/13/2005

Revision: 2004
Model: FNW10PF
Size: 3/4 MNPT
3/4 MNPT COMM WTR
HAMM ARRESTOR

Issued: 9/13/2005

Revision: 2004
Model: FNW10PG
Size: 1 MNPT
1 MNPT COMM WTR
HAMM ARRESTOR

Issued: 9/13/2005

Revision: 2004
Model: FNW10PH
Size: 1-1/4 MNPT
1-1/4 MNPT COMM
WTR HAMM ARRESTOR

Issued: 9/13/2005

Revision: 2004
Model: FNW10PJ
Size: 1-1/2 MNPT
1-1/2 MNPT COMM
WTR HAMM ARRESTOR

Issued: 9/13/2005

Revision: 2004
Model: FNW10PK
Size: 2 MNPT
2 MNPT COMM WTR
HAMM ARRESTOR

Issued: 9/13/2005

Revision: 2004
Model: FNW11PD
Size: 1/2 SWT
COMM WTR HAMM
ARRESTOR

Issued: 9/13/2005

Revision: 2004
Model: FNW11PF
Size: 3/4 SWT
3/4 SWT COMM WTR
HAMM ARRESTOR

Issued: 9/13/2005

Revision: 2004
Model: FNW11PG
Size: 1 SWT
COMM WTR HAMM
ARRESTOR
Issued: 9/13/2005

Revision: 2004
Model: FNW11PH
Size: 1-1/4 SWT
COMM WTR HAMM
ARRESTOR
Issued: 9/13/2005

Revision: 2004
Model: FNWSC1000
Size: w/ 1" - 11-1/2 NPTF
Connection
Brand Name: FNW™
Issued: 9/13/2005
Amended: 4/28/2008

Revision: 2004
Model: FNWSC1250
Size: w/ 1-1/4" - 11-1/2
NPTF Connection
Brand Name: FNW™
Issued: 9/13/2005
Amended: 4/28/2008

Revision: 2004
Model: FNWSC1500
Size: w/ 1-1/2" - 11-1/2
NPTF Connection
Brand Name: FNW™
Issued: 9/13/2005
Amended: 4/28/2008

Revision: 2004
Model: FNWSC2000
Size: w/ 2" - 11-1/2 NPTF
Connection
Brand Name: FNW™
Issued: 9/13/2005
Amended: 4/28/2008

Revision: 2004
Model: FNWSC500
Size: w/ 1/2" - 14 NPTF
Connection
Brand Name: FNW™
Issued: 9/13/2005
Amended: 4/28/2008

Revision: 2004
Model: FNWSC750
Size: w/ 3/4" - 14 NPTF
Connection
Brand Name: FNW™
Issued: 9/13/2005
Amended: 4/28/2008

Revision: 2004
Model: FNWSWA1000
(Cylinder Cap Style)
Size: w/ 1" Male Sweat
Connection
Brand Name: FNW™
Issued: 9/13/2005
Amended: 4/28/2008

Revision: 2004
Model: FNWSWA1250
(Cylinder Cap Style)
Size: w/ 1-1/4" Male
Sweat Connection
Brand Name: FNW™
Issued: 9/13/2005
Amended: 4/28/2008

Revision: 2004
Model: FNWSWA500
(Cylinder Cap Style)
Size: w/ 1/2" Male Sweat
Connection
Brand Name: FNW™
Issued: 9/13/2005
Amended: 4/28/2008

Revision: 2004
Model: FNWSWA750
(Cylinder Cap Style)
Size: w/ 3/4" Male Sweat
Connection
Brand Name: FNW™
Issued: 9/13/2005
Amended: 4/28/2008

Revision: 2004
Model: FNWX10PD
Size: 1/2 MNPT
LF 1/2 MNPT COMM
WTR HAMM ARRESTOR

Issued: 9/13/2005

Revision: 2004
Model: FNWX10PF
Size: 3/4 MNPT
LF 3/4 MNPT COMM
WTR HAMM ARRESTOR

Issued: 9/13/2005

Revision: 2004
Model: FNWX10PG
Size: 1 MNPT
LF 1 MNPT COMM WTR
HAMM ARRESTOR

Issued: 9/13/2005

Revision: 2004
Model: FNWX10PH
Size: 1-1/4 MNPT
LF 1-1/4 MNPT COMM
WTR HAMM ARRESTOR

Issued: 9/13/2005

Revision: 2004
Model: FNWX10PJ
Size: 1-1/2 MNPT
LF 1-1/2 MNPT COMM
WTR HAMM ARRESTOR

Issued: 9/13/2005

Revision: 2004
Model: FNWX10PK
Size: 2 MNPT
LF 2 MNPT COMM WTR
HAMM ARRESTOR

Issued: 9/13/2005

Revision: 2004
Model: FNWX11PD
Size: 1/2 SWT
LF 1/2 SWT COMM WTR
HAMM ARRESTOR
Issued: 9/13/2005

Revision: 2004
Model: FNWX11PH
Size: 3/4 SWT
LF 3/4 SWT COMM WTR
HAMM ARRESTOR
Issued: 9/13/2005

Revision: 2004
Model: FNWX11PG
Size: 1 SWT
LF 1 SWT COMM WTR
HAMM ARRESTOR
Issued: 9/13/2005

Revision: 2004
Model: FNWX11PH
Size: 1-1/4 SWT
LF 1-1/4 SWT COMM
WTR HAMM ARRESTOR
Issued: 9/13/2005

Revision: 2004
Model: FNWXSC1000
Size: 1 MNPT
LF 1 MNPT COMM WTR
HAMM ARRESTOR

Issued: 9/13/2005

Revision: 2004
Model: FNWXSC1250
Size: 1-1/4 MNPT
LF 1-1/4 MNPT COMM
WTR HAMM ARRESTOR

Issued: 9/13/2005

Revision: 2004
Model: FNWXSC1500
Size: 1-1/2 MNPT
LF 1-1/2 MNPT COMM
WTR HAMM ARRESTOR

Issued: 9/13/2005

Revision: 2004
Model: FNWXSC2000
Size: 2 MNPT
LF 2 MNPT COMM WTR
HAMM ARRESTOR

Issued: 9/13/2005

Revision: 2004
Model: FNWXSC500
Size: 1/2 MNPT
LF 1/2 MNPT COMM
WTR HAMM ARRESTOR

Issued: 9/13/2005

Revision: 2004
Model: FNWXSC750
Size: 3/4 MNPT
LF 3/4 MNPT COMM
WTR HAMM ARRESTOR

Issued: 9/13/2005

Revision: 2004
Model: FNWXSWA1000
Size: 1 SWT
LF 1 SWT COMM WTR
HAMM ARRESTOR

Issued: 9/13/2005

Revision: 2004
Model: FNWXSWA1250
Size: 1-1/4 SWT
LF 1-1/4 SWT COMM
WTR HAMM ARRESTOR

Issued: 9/13/2005

Revision: 2004
Model: FNWXSWA500
Size: 1/2 SWT
LF 1/2 SWT COMM WTR
HAMM ARRESTOR

Issued: 9/13/2005

Revision: 2004
Model: FNWXSWA750
Size: 3/4 SWT
LF 3/4 SWT COMM WTR
HAMM ARRESTOR

Issued: 9/13/2005

Revision: 2004
Model: PF660TRB
Size: w/ 5/8" O.D. FEM
COMP. x 5/8" O.D.
COMP. Connectio
Brand Name: PROFLO®
Issued: 8/10/2009

Revision: 2004
Model: PF660TRBC
Size: w/ 3/8" O.D. FEM
COMP. X 3/8" O.D.
COMP. Connectio
Brand Name: PROFLO®
Issued: 3/11/2009

Revision: 2004
Model: PFMM5002CPT
Size: w/ 5/8" O.D.
Compression Tee Fitting
Connection
Brand Name: PROFLO®
Issued: 9/13/2005

Revision: 2004
Model: PFMM5003CPT
Size: w/ 3/8" O.D. FEM
COMP. x 3/8" O.D.
COMP. Connectio
Brand Name: PROFLO®
Issued: 9/13/2005

Revision: 2004
Model: PFMM500FFPF
Size: w/ 1/2" Female
Socket CPVC Connection
Issued: 3/11/2009

Revision: 2004
Model: PFMM500FPF
Size: w/ 1/2" CPVC Male
Connection
Brand Name: PROFLO®
Issued: 9/13/2005

Revision: 2004
Model: PFMM500L
Size: w/ FHT Swivel X
MHT Connection
Brand Name: PROFLO®
Issued: 9/13/2005

Revision: 2004
Model: PFMM500PEX
Size: w/ 1/2" PEX Tee
Fitting Connection
Brand Name: PROFLO®
Issued: 9/13/2005

Revision: 2004
Model: PFMM500SWA
Size: w/ 1/2" Male Sweat
Connection
Brand Name: PROFLO®
Issued: 9/13/2005

Revision: 2004
Model: PFMM500TH
Size: w/ 1/2" MIP
Connection
Brand Name: PROFLO®
Issued: 9/13/2005

Revision: 2004
Model: PFXWHACFD
Size: 1/2 FEM SOC CPVC
LF 1/2 SPIG CPVC
WTR HAMM ARREST

Issued: 9/13/2005

Revision: 2004
Model: PFXWHACSD
Size: 1/2 SPIG CPVC
LF 1/2 SPIG CPVC WTR
HAMM ARREST

Revision: 2004
Model: PFXWHACTC
Size: 3/8OD COMP *
FEM COMP
LF 3/8OD COMP * FEM
COMP HAMM ARREST

Issued: 9/13/2005

Revision: 2004
Model: PFXWHACTD
Size: 5/8OD COMP *
FEM COMP
LF 5/8OD COMP * FEM
COMP HAMM ARREST

Issued: 9/13/2005

Revision: 2004
Model: PFXWHAPD
Size: 1/2 PEX
LF 1/2 PEX WTR HAMM
ARRST

Issued: 9/13/2005

Revision: 2004
Model: PFXWHAPPD
Size: 1/2 PROPEX
LF 1/2 PROPEX WTR
HAMM ARREST

Issued: 9/13/2005

Revision: 2004
Model: PFXWHAPPTD
Size: 1/2 PROPEX TEE
LF 1/2 PROPEX TEE WTR
HAMM ARREST

Issued: 9/13/2005

Revision: 2004
Model: PFXWHAPTD
Size: 1/2 PROPEX TEE
LF 1/2 PROPEX TEE WTR
HAMM ARREST

Issued: 9/13/2005

Revision: 2004
Model: PFXWHASD
Size: 1/2"SWT
LF1/2"SWT WTR HAMM
ARRESTOR

Issued: 9/13/2005

Revision: 2004
Model: PFXWHATD
Size: 1/2"THRD
LF 1/2"THRD WTR
HAMM ARRESTOR

Issued: 9/13/2005

Revision: 2004
Model: PFXWHATSD
Size: 1/2 T/S SWT
LF 1/2 T/S SWT WTR
HAMM ARREST

Issued: 9/13/2005

Revision: 2004
Model: PFXWHAUTB
Size: 1/4 COMP
LF 1/4 COMP WTR
HAMM ARREST

Issued: 9/13/2005

Revision: 2004
Model: PFXWHAUTC
Size: 3/8"COMP TEE
LF 3/8"COMP TEE WTR
HAMM ARRESTOR

Issued: 9/13/2005

Revision: 2004
Model: PFXWHAUTD
Size: 5/8"COMP TEE
LF 5/8"COMP TEE WTR
HAMM ARRESTOR

Issued: 9/13/2005

Zurn Industries, Inc.
Revision: 2004
Model: Z1700-100
Size: 3/4" NPT
Issued: 8/27/2014

Revision: 2004
Model: Z1700-200
Size: 3/4" NPT
Issued: 5/26/2009
Amended: 1/30/2013

Revision: 2004
Model: Z1700-300
Size: 1" NPT
Issued: 5/26/2009

Revision: 2004
Model: Z1700-400
Size: 1" NPT
Issued: 5/26/2009

Revision: 2004
Model: Z1700-500
Size: 1" NPT
Issued: 5/26/2009
Amended: 11/4/2016

Revision: 2004
Model: Z1700-600
Size: 1" NPT
Issued: 7/29/2010
Amended: 4/13/2017

STANDARD #ASSE 1011

**Hose Connection
Vacuum Breakers
ASSE-2004**

A. Y. McDonald Mfg. Co.

Revision: 2004
Model: 72001
Size: 3/4" F GHR inlet x
3/4" M GHR outlet
Issued: 12/7/2009

**Apollo Valves /
Conbraco Industries**

Revision: 2004
Model: HBV2 (38-314)
Size: 3/4"
Issued: 5/27/2008

Revision: 2004
Model: HBVAF2 (38-414)
Size: 3/4"
Issued: 7/13/2009

**Arrowhead Brass &
Plumbing LLC**

Revision: 2004
Model: 261 & 261LF
1/2" MIP x 3/4" Hose
Connection w/ Integral
VB
Issued: 3/27/2008
Amended: 6/9/2009,
7/23/2009

Revision: 2004
Model: 262CC & 262CC
LF
1/2" Nom. Copper or
3/4" OD Copper x 3/4"
Hose Connection w/
Integral VB
Issued: 3/27/2008
Amended: 6/9/2009,
7/23/2009

Revision: 2004
Model: 263, 263LF, 265
& 265LF
1/2" Female pipe
Issued: 3/27/2008
Amended: 6/9/2009,
7/23/2009

Revision: 2004
Model: 264CC &
264CCLF
1/2" Copper Comp. x
3/4" Hose Conn. w/
Integral VB
Issued: 3/27/2008
Amended: 6/9/2009,
7/23/2009

Revision: 2004
Model: 361, 361LF,
363, 363LF, 365 &
365LF
3/4" female pipe
Issued: 3/27/2008
Amended: 6/9/2009,
7/23/2009

Revision: 2004
Model: 58 ABP
Size: 3/4 inch
Issued: 7/10/2003

Revision: 2004
Model: 59 ABP
Size: 3/4 inch
Issued: 8/30/1993

Revision: 2004
Model: 960
Size: 1" inlet
Issued: 3/27/2008
Amended: 6/9/2009,
7/23/2009

Revision: 2004
Model: 965
3/4" & 1/2" stacked
thread combination
Issued: 3/27/2008
Amended: 6/9/2009,
7/23/2009

**Cash Acme / Reliance
Worldwide Corp**

Revision: 2004
Model: V-3
Size: 3/4 inch
Issued: 4/8/1974
Amended: 1/10/2008

Revision: 2004
Model: VB-222
Size: 3/4 inch
Issued: 4/8/1974
Amended: 1/10/2008

Fu San Valve
Revision: 2004
Model: FS-F1171VB
Size: 3/4 x 3/4 in
Issued: 3/10/1988

Hendrickson Brothers
Revision: 2004
Model: J-10 - 3/4 in hose
thread
Issued: 4/28/1989

Hsien Chang Metals Co.
Revision: 2004
Model: Model 12*0VB
Size: 3/4 in
* represents 0, 1, 2
Issued: 1/29/2018

Legend
Revision: 2004
Model: 107-194
Issued: 2/28/2018
Amended: 1/14/2019

Revision: 2004
Model: 107-194NL
Issued: 2/28/2018
Amended: 1/14/2019

Revision: 2004
Model: 107-195
Issued: 2/28/2018
Amended: 1/14/2019

Revision: 2004
Model: 107-195NL
Issued: 2/28/2018
Amended: 1/14/2019

Matco-Norca, Inc
Revision: 2004
Model: 646AS4 &
646ASC (Chrome finish)
Size: 3/4" F GHR Inlet &
3/4" M GHR Outlet
Issued: 7/5/2007

MIFAB, Inc.
Revision: 2004
Model: HY-3000 Series &
MHY-30 Series & HY-
3500 Series
Includes a 1/2" inlet and
3/4" outlet along with a
3/4" and 1" combination
inlet.
Manufactured at P.T
Everage -
Issued: 9/6/1999
Amended: 6/12/2007

Revision: 2004
Model: HY-5000 Series &
MHY-50 Series & HY-
5500 Series
Includes 3/4" inlet and
3/4" outlet along with
3/4" and 1" combination
inlet and 3/4" outlet
Issued: 2/6/2002
Amended: 6/12/2007

Revision: 2004
Model: HY-9000 Series &
MHY-90 Series
Includes a 1/2" inlet and
3/4" outlet along with a
3/4" and 1" combination
inlet.

Issued: 9/6/1999

PRIER Products, Inc.
Revision: 2004
Model: P-002
Size: 3/4 inch Hose
Thread Outlets
Issued: 11/12/2001
Amended: 11/22/2006

PT Ever Age Valves Metals

Revision: 2004
Model: VB1
Size: 3/4" FHT X 3/4"
MHT
Issued: 3/31/2004

Revision: 2004
Model: VB2
Size: 3/4" FHT X 3/4" MHT
Issued: 3/31/2004

Revision: 2004
Model: VB4
Size: 1/2" FIP x 3/4" MHT
Issued: 3/27/2006

Revision: 2004
Model: VB6
Size: 3/4" FHT X 3/4"
MHT
Vacuum Breaker
Issued: 3/31/2004

Revision: 2004
Model: VB7
Size: 3/4" FHT X 3/4"
MHT
Vacuum Breaker
Issued: 3/31/2004

Revision: 2004
Model: VBS
Size: 1/2" FIP x 3/4" MHT
Issued: 3/27/2006

Te-Cheng Industrial Co., Ltd.

Revision: 2004
Model: B9300
Size: 3/4"
Issued: 8/26/2015

Revision: 2004
Model: B9500
Size: 3/4"
Issued: 3/21/2007

Revision: 2004
Model: B9600
Size: 3/4"
Issued: 8/26/2015

TOTO USA, Inc.
Revision: 2004
Model: S8C Z10
Size: 1/2"
w/ 1/2" NPSM3
Issued: 1/3/2006

Tsangkuo Industrial Co. Ltd.

Revision: 2004
Model: B-255
Size: 3/4" NPHS inlet x
3/4" NPHS outlet
includes inlet with non-removable feature
Issued: 4/22/2009

Watts Regulator Company

Revision: 2004
Model: 8 & 8(LF)
Size: 3/4 inch
Chrome finish available
Issued: 1/5/1971
Amended: 12/29/2004,
4/14/2010, 10/24/2012

Revision: 2004
Model: 8A & 8A (LF)
Size: 3/4 inch
Chrome finish available
Issued: 1/5/1971
Amended: 12/29/2004,
4/14/2010, 10/24/2012

Revision: 2004
Model: 8AC & 8AC (LF)
Size: 3/4 inch
Chrome finish available
Issued: 1/5/1971
Amended: 12/29/2004,
4/14/2010, 10/24/2012

Revision: 2004
Model: 8B, 8BI & 8B (LF), 8BI (LF)
Size: 3/4 inch
Chrome finish available
Issued: 1/5/1971
Amended: 12/29/2004,
4/14/2010, 7/23/2010,
10/24/2012

Revision: 2004
Model: 8BC & 8BC (LF)
Size: 3/4 inch
Chrome finish available
Issued: 1/5/1971
Amended: 12/29/2004,
4/14/2010, 10/24/2012

Revision: 2004
Model: 8C & 8C (LF)
Size: 3/4 inch
Chrome finish available
Issued: 1/5/1971
Amended: 12/29/2004,
4/14/2010, 10/24/2012

Revision: 2004
Model: 8FR & 8FR (LF)
Size: 3/4 inch
Chrome finish available
Issued: 1/5/1971
Amended: 12/29/2004,
4/14/2010, 10/24/2012

Revision: 2004
Model: 8P
Size: 3/4 inch Hose
Issued: 4/4/1988
Amended: 2/1/2004

Revision: 2004
Model: NF8 & NF8 (LF)
Size: 3/4 inch
Chrome finish available
Issued: 1/5/1971
Amended: 12/29/2004,
4/14/2010, 7/23/2010,
10/24/2012

Revision: 2004
Model: S8C & S8C (LF)
Size: 1/2 inch
Chrome finish available
Issued: 1/5/1971
Amended: 12/29/2004,
4/14/2010, 10/24/2012

Wilkins / A Division of Zurn

Revision: 2004
Model: BFP-8F
Size: 3/4 inch
Issued: 10/6/1986

Revision: 2004
Model: BFP-9
Size: 3/4"
Issued: 7/23/2007

Woodford Mfg. Co.

Revision: 2004
Model: NIDEL - 34-H
Inlet types H, HA, HF,
HD, HW
Issued: 10/22/2001

Zurn Industries, Inc.

Revision: 2004
Model: Z1330
Size: 3/4 inch
Issued: 7/1/1971

Revision: 2004
Model: Z1330-C
Size: 3/4 inch
Issued: 7/1/1971
Amended: 5/10/2013

Revision: 2004
Model: Z1330XL
Size: 3/4 inch
Issued: 4/7/2015

Revision: 2004
Model: Z1332-EZ
Size: 3/4 inch
Issued: 7/1/1971
Amended: 7/28/2014

Revision: 2004
Model: Z1332XL-EZ
Size: 3/4 inch
Issued: 4/7/2015

Revision: 2004
Model: Z1333
Size: 3/4 inch
Issued: 1/17/2019
Amended: 1/17/2019

Revision: 2004
Model: Z1333-C
Size: 3/4 inch
Issued: 1/17/2019
Amended: 1/17/2019

Revision: 2004
Model: Z1333XL
Size: 3/4 inch
Issued: 1/14/2019
Amended: 1/14/2019

Revision: 2004
Model: Z1399-VB
Size: 3/4 inch
Issued: 1/14/2019

Revision: 2004
Model: Z1399XL-VB
Size: 3/4 inch
Issued: 1/14/2019
Amended: 1/17/2019

STANDARD #ASSE 1012

Backflow Preventers with Intermediate Atmospheric Vent ASSE-2009

Ademco Inc. / Honeywell

Revision: 2009
Model: BP900
Size: 1/2 inch
Issued: 1/31/1989
Amended: 12/30/2009,
2/6/2017, 10/5/2018

Revision: 2009
Model: BP901
Size: 3/4 inch
Issued: 1/31/1989
Amended: 12/30/2009,
2/6/2017, 10/5/2018

Apollo Valves / Conbraco Industries

Revision: 2009
Model: DCAP & DCAPLF
Size: 1/2 inch
Issued: 11/17/1993
Amended: 12/30/2009,
2/1/2011

Revision: 2009
Model: DCAP & DCAPLF
Size: 3/4 inch
Issued: 11/17/1993
Amended: 12/30/2009,
2/1/2011

Revision: 2009
Model: DCAP4A
Size: (1/2" & 3/4") -
Horizontal & Vertical
Issued: 7/17/2015

Revision: 2009
Model: DCAPLF4A
Size: (1/2" & 3/4") -
Horizontal & Vertical
Issued: 7/17/2015

BEECO (division of MIFAB, Inc.)

Revision: 2009
Model: DCAV.50-NPT
Size: 1/2 inch NPT
Issued: 10/5/2015

Revision: 2009
Model: DCAV.50-SWT
Size: 1/2 inch Sweat
Issued: 10/5/2015

Cash Acme / Reliance Worldwide Corp

Revision: 2009
Model: BFP
Size: 1/2 inch
Issued: 2/15/1989
Amended: 12/30/2009

Revision: 2009
Model: BFP
Size: 3/4 inch
Issued: 2/15/1989
Amended: 12/30/2009

Giacomini s.p.a.

Revision: 2009
Model: BFP R 624
Size: 1/2 inch NPT inlet x
1/2 inch NPT Outlet
Issued: 5/14/1993
Amended: 12/30/2009,
2/6/2017

Revision: 2009
Model: BFP R 624
Size: 3/4 inch NPT inlet x
3/4 inch NPT Outlet
Issued: 5/14/1993
Amended: 12/30/2009,
2/6/2017

Legend

Revision: 2009
Model: S-459
Size: 1/2"
Issued: 7/19/1993
Amended: 12/30/2009,
2/6/2017

Revision: 2009
Model: S-459
Size: 3/4"
Issued: 7/19/1993
Amended: 2/6/2017

Revision: 2009
Model: T-459
Size: 1/2"
Issued: 7/19/1993
Amended: 12/30/2009,
2/6/2017

Revision: 2009
Model: T-459
Size: 3/4"
Issued: 7/19/1993
Amended: 2/6/2017

Taco, Inc.

Revision: 2009
Model: 3192 Backflow
Preventer
Size: 1/2 inch
-C1 (Sweat); -T1 (NPT)
Issued: 2/26/2016
Amended: 2/6/2017

Revision: 2009
Model: 3193 Backflow
Preventer
Size: 3/4 inch
-C1 (Sweat); -T1 (NPT)
Issued: 2/26/2016
Amended: 2/6/2017

**Watts Regulator
Company**

Revision: 2009
Model: 9D-M2, (LF) 9D-
M2 & LF9DS-M2
Size: 3/4 inch
with S (sweat) & QC
option
Issued: 1/11/1973
Amended: 5/1/2003,
12/5/2007, 4/28/2009,
12/30/2009,
10/14/2011, 4/25/2012,
5/2/2012, 4/25/2017

Revision: 2009
Model: 9D-M3, (LF) 9D-
M3 & LF9DS-M3
Size: 1/2 inch
with S (sweat) & QC
option

Issued: 1/11/1973
Amended: 5/1/2003,
12/5/2007, 4/28/2009,
12/30/2009,
10/14/2011, 4/25/2012,
5/2/2012, 4/25/2017

Revision: 2009
Model: BBFP
Size: 1/2 inch
Issued: 8/10/2001
Amended: 5/1/2003,
12/30/2009

Revision: 2009
Model: BBFP
Size: 3/4 inch
Issued: 8/10/2001
Amended: 5/1/2003,
12/30/2009

Revision: 2009
Model: BBFP-S
Size: 1/2 inch
Issued: 8/10/2001
Amended: 5/1/2003,
12/30/2009

**Wilkins / A Division of
Zurn**

Revision: 2009
Model: 760
Size: 1/2 inch
Issued: 9/21/2001
Amended: 12/30/2009,
2/6/2017, 8/10/2017

Revision: 2009
Model: 760
Size: 3/4 inch
Issued: 9/21/2001
Amended: 12/30/2009,
2/6/2017, 8/10/2017

Wolverine c/o Conbraco

Revision: 2009
Model: C 9 DBP
Size: 1/2 inch
Issued: 6/2/1997
Amended: 12/30/2009

Revision: 2009
Model: C 9 DBP
Size: 3/4 inch
Issued: 6/2/1997
Amended: 12/30/2009

**STANDARD #ASSE
1013**

**Reduced Pressure
Principle Backflow
Preventers and Reduced
Pressure Principle Fire
Protection Backflow
Preventers
ASSE-2011**

**AMES Fire &
Waterworks, a Watts
Regulator Company**

Revision: 2011
Model: 4000B (4000B-
RS) & LF4000B (LF4000B-
RS)
Size: 1 inch
Orientation: Horizontal
w/Watts FBV & FBV-
E(QT), Keyguard SOV
Issued: 12/18/2013
Amended: 7/1/2002,
2/26/2008, 10/28/2008,
7/11/2012

Revision: 2011
Model: 4000B (4000B-
RS) & LF4000B (LF4000B-
RS)
Size: 1/2 inch
Orientation: Horizontal
w/Watts FBV & FBV-E
(QT), Keyguard SOV
Issued: 12/18/2013
Amended: 7/1/2002,
2/26/2008, 10/28/2008,
7/11/2012

Revision: 2011
Model: 4000B (4000B-
RS) & LF4000B (LF4000B-
RS)
Size: 1-1/2 inch
Orientation: Horizontal
w/Watts FBV & FBV-
E(QT), Keyguard SOV
Issued: 12/18/2013
Amended: 7/1/2002,
2/26/2008, 10/28/2008,
7/11/2012

Revision: 2011
Model: 4000B (4000B-
RS) & LF4000B (LF4000B-
RS)
Size: 1-1/4 inch
Orientation: Horizontal
w/Watts FBV & FBV-
E(QT), Keyguard SOV
Issued: 12/18/2013
Amended: 7/1/2002,
2/26/2008, 10/28/2008,
7/11/2012

Revision: 2011
Model: 4000B (4000B-
RS) & LF4000B (LF4000B-
RS)
Size: 2 inch
Orientation: Horizontal
w/Watts FBV & FBV-
E(QT), Keyguard SOV
Issued: 12/18/2013
Amended: 7/1/2002,
2/26/2008, 10/28/2008,
7/11/2012

Revision: 2011
Model: 4000B (4000B-
RS) & LF4000B (LF4000B-
RS)
Size: 3/4 inch
Orientation: Horizontal
w/Watts FBV & FBV-
E(QT), Keyguard SOV
Issued: 12/18/2013
Amended: 7/1/2002,
2/26/2008, 10/28/2008,
7/11/2012

Revision: 2011
Model: 4000B-FP &
LF4000B-FP
Size: 1 1/2 inch
Orientation: Horizontal
Issued: 12/18/2013
Amended: 7/1/2002,
2/26/2008, 10/28/2008,
7/11/2012

Revision: 2011
Model: 4000B-FP &
LF4000B-FP
Size: 1 1/4 inch
Orientation: Horizontal
Issued: 12/18/2013
Amended: 7/1/2002,
2/26/2008, 10/28/2008,
7/11/2012

Revision: 2011
Model: 4000B-FP &
LF4000B-FP
Size: 1 inch
Orientation: Horizontal
Issued: 12/18/2013
Amended: 7/1/2002,
2/26/2008, 10/28/2008,
7/11/2012

Revision: 2011
Model: 4000B-FP &
LF4000B-FP
Size: 2 inch
Orientation: Horizontal
Issued: 12/18/2013
Amended: 7/1/2002,
2/26/2008, 10/28/2008,
7/11/2012

Revision: 2011
Model: 4000B-FP &
LF4000B-FP
Size: 3/4 inch
Orientation: Horizontal
Issued: 12/18/2013
Amended: 7/1/2002,
2/26/2008, 10/28/2008,
7/11/2012

Revision: 2011
Model: 4000BM2 &
LF4000BM2
Size: 1 inch
Orientation: Horizontal
w/ FBV-E Ball Valve,
Watts 409 RW OS & Y,
Keyguard SOV
Issued: 12/18/2013
Amended: 7/1/2002,
2/26/2008, 10/28/2008,
7/11/2012

Revision: 2011
Model: 4000BM2-FP
Size: 1 inch
Orientation: Horizontal
Issued: 12/18/2013
Amended: 7/1/2002,
2/26/2008, 10/28/2008,
7/11/2012

Revision: 2011
Model: 4000BM3 &
LF4000BM3
Size: 3/4 inch
Orientation: Horizontal
w/ FBV (FBV-E) Ball
Valve, Keyguard SOV
Issued: 12/18/2013
Amended: 7/1/2002,
2/26/2008, 10/28/2008,
7/11/2012

Revision: 2011
Model: 4000BM3-FP &
LF4000BM3-FP
Size: 3/4 inch
Orientation: Horizontal
Issued: 12/18/2013
Amended: 7/1/2002,
2/26/2008, 10/28/2008,
7/11/2012

Revision: 2011
Model: 4000SS (4000SS-
RS)
Size: 10 inch
Orientation: Horizontal
w/ Clow R/W F6102NRS
& 6136OSY, Waterous
500NRS & OSY, Kennedy
Ken Seal II NRS & OSY,
Watts 405, 408, 409
Issued: 6/28/1991
Amended: 2/7/2018

Revision: 2011
Model: 4000SS (4000SS-
RS)
Size: 2-1/2 inch
Orientation: Horizontal
w/ Clow R/W F6102NRS
& 6136OSY, Waterous
500NRS & OSY, Kennedy
Ken Seal II NRS & OSY,
Watts 405, 408, 409
Issued: 6/28/1991
Amended: 4/1/1996,
8/31/2010

Revision: 2011
Model: 4000SS (4000SS-
RS)
Size: 3 inch
Orientation: Horizontal
w/ Clow R/W F6102NRS
& 6136OSY, Waterous
500NRS & OSY, Kennedy
Ken Seal II NRS & OSY,
Watts 405, 408, 409
Issued: 6/28/1991
Amended: 4/1/1996,
8/31/2010

Revision: 2011
Model: 4000SS (4000SS-
RS)
Size: 4 inch
Orientation: Horizontal
w/ Clow R/W F6102NRS
& 6136OSY, Waterous
500NRS & OSY, Kennedy
Ken Seal II NRS & OSY,
Watts 405, 408, 409
Issued: 6/28/1991
Amended: 4/1/1996,
8/31/2010

Revision: 2011
Model: 4000SS (4000SS-
RS)
Size: 6 inch
Orientation: Horizontal
w/ Clow R/W F6102NRS
& 6136OSY, Waterous
500NRS & OSY, Kennedy
Ken Seal II NRS & OSY,
Watts 405, 408, 409
Issued: 6/28/1991
Amended: 4/1/1996,
8/31/2010

Revision: 2011
Model: 4000SS (4000SS-
RS)
Size: 8 inch
Orientation: Horizontal
w/ Clow R/W F6102NRS
& 6136OSY, Waterous
500NRS & OSY, Kennedy
Ken Seal II NRS & OSY,
Watts 405, 408, 409
Issued: 6/28/1991
Amended: 2/7/2018

Revision: 2011
Model: Colt 400
Size: 10"
Orientation: Horizontal
w/Clow
F6104/05/37/38/36/02;

Kennedy 7592/93/61 &
7092/93/68;

Union GV12, Hunter
BFV;
Hunter BV-2-1/2,3,4,6,8;
Watts Regulator 409 RW
OS & Y
Issued: 12/18/2013
Amended: 2/1/2003

Revision: 2011
Model: Colt 400
Size: 2-1/2"
Orientation: Horizontal
w/Clow
F6104/05/37/38/36/02;
Kennedy 7592/93/61 &
7092/93/68; Union
GV12, Hunter BFV;
Hunter BV-2-1/2,3,4,6,8
Issued: 12/18/2013
Amended: 2/1/2003

Revision: 2011
Model: Colt 400
Size: 3"
Orientation: Horizontal
w/Clow
F6104/05/37/38/36/02;
Kennedy 7592/93/61 &
7092/93/68; Union
GV12, Hunter BFV;
Hunter BV-2-1/2,3,4,6,8
Issued: 12/18/2013
Amended: 2/1/2003

Revision: 2011
Model: Colt 400
Size: 4"
Orientation: Horizontal
w/Clow
F6104/05/37/38/36/02;
Kennedy 7592/93/61 &
7092/93/68; Union
GV12, Hunter BFV;
Hunter BV-2-1/2,3,4,6,8;
Watts Regulator 409 RW
OS & Y
Issued: 12/18/2013
Amended: 2/1/2003

Revision: 2011
Model: Colt 400
Size: 6"
Orientation: Horizontal
w/Clow
F6104/05/37/38/36/02;
Kennedy 7592/93/61 &
7092/93/68; Union
GV12, Hunter BFV;
Hunter BV-2-1/2,3,4,6,8;
Watts Regulator 409 RW
OS & Y
Issued: 12/18/2013
Amended: 2/1/2003

Revision: 2011
Model: Colt 400
Size: 8"
Orientation: Horizontal
w/Clow
F6104/05/37/38/36/02;
Kennedy 7592/93/61 &
7092/93/68; Union
GV12, Hunter BFV;
Hunter BV-2-1/2,3,4,6,8,
Watts Regulator 409 RW
OS & Y
Issued: 12/18/2013
Amended: 2/1/2003

Revision: 2011
Model: Colt 400 RP BFG
Size: 4"
Orientation: Horizontal
w/ Victaulic 702
Butterfly Series
Issued: 2/18/2008

Revision: 2011
Model: Colt 400 RP BFG
Size: 6"
Orientation: Horizontal
w/ Victaulic 702
Butterfly Valves
Issued: 2/18/2008

Revision: 2011
Model: Colt 400N & Colt
400Z
Size: 10"
Orientation: Horizontal
w/Clow
F6104/05/37/38/36/02;
Kennedy 7592/93/61 &
7092/93/68; Union
GV12, Hunter BFV;
Hunter BV-2-
1/2,3,4,6,8;Watts
Regulator 409 RW OS &
Y
Issued: 12/18/2013
Amended: 2/1/2003

Revision: 2011
Model: Colt 400N & Colt
400Z
Size: 2-1/2"
Orientation: Horizontal
w/Clow
F6104/05/37/38/36/02;
Kennedy 7592/93/61 &
7092/93/68; Union
GV12, Hunter BFV;
Hunter BV-2-1/2,3,4,6,8;
Watts Regulator 409 RW
OS & Y
Issued: 12/18/2013
Amended: 2/1/2003

Revision: 2011
Model: Colt 400N & Colt
400Z
Size: 3"
Orientation: Horizontal
w/Clow
F6104/05/37/38/36/02;
Kennedy 7592/93/61 &
7092/93/68; Union
GV12, Hunter BFV;
Hunter BV-2-1/2,3,4,6,8;
Watts Regulator 409 RW
OS & Y
Issued: 12/18/2013
Amended: 2/1/2003

Revision: 2011
Model: Colt 400N & Colt
400Z
Size: 4"
Orientation: Horizontal
w/Clow
F6104/05/37/38/36/02;
Kennedy 7592/93/61 &
7092/93/68; Union
GV12, Hunter BFV;
Hunter BV-2-1/2,3,4,6,8;
Watts Regulator 409 RW
OS & Y
Issued: 12/18/2013
Amended: 2/1/2003

Revision: 2011
Model: Colt 400N & Colt
400Z
Size: 6"
Orientation: Horizontal
w/Clow
F6104/05/37/38/36/02;
Kennedy 7592/93/61 &
7092/93/68; Union
GV12, Hunter BFV;
Hunter BV-2-1/2,3,4,6,8;
Watts Regulator 409 RW
OS & Y
Issued: 12/18/2013
Amended: 2/1/2003

Revision: 2011
Model: Colt 400N & Colt
400Z
Size: 8"
Orientation: Horizontal
w/Clow
F6104/05/37/38/36/02;
Kennedy 7592/93/61 &
7092/93/68; Union
GV12, Hunter BFV;
Hunter BV-2-1/2,3,4,6,8;
Watts Regulator 409 RW
OS & Y
Issued: 12/18/2013
Amended: 2/1/2003

Revision: 2011
Model: Maxim 400
Size: 10"
Orientation: Horizontal
w/Clow
F6104/05/37/38/36/02;
Kennedy 7592/93/61 &
7092/93/68; Union
GV12, Hunter BFV;
Hunter BV-2-1/2,3,4,6,8;
Watts Regulator 409 RW
OS & Y
Issued: 12/18/2013
Amended: 2/1/2003

Revision: 2011
Model: Maxim 400
Size: 2-1/2"
Orientation: Horizontal
w/Clow
F6104/05/37/38/36/02;
Kennedy 7592/93/61 &
7092/93/68; Union
GV12, Hunter BFV;
Hunter BV-2-1/2,3,4,6,8;
Watts Regulator 409 RW
OS & Y
Issued: 12/18/2013
Amended: 2/1/2003

Revision: 2011
Model: Maxim 400
Size: 3"
Orientation: Horizontal
w/Clow
F6104/05/37/38/36/02;
Kennedy 7592/93/61 &
7092/93/68; Union
GV12, Hunter BFV;
Hunter BV-2-1/2,3,4,6,8;
Watts Regulator 409 RW
OS & Y
Issued: 12/18/2013
Amended: 2/1/2003

Revision: 2011
Model: Maxim 400
Size: 4"
Orientation: Horizontal
w/Clow
F6104/05/37/38/36/02;
Kennedy 7592/93/61 &
7092/93/68; Union
GV12, Hunter BFV;
Hunter BV-2-1/2,3,4,6,8;
Watts Regulator 409 RW
OS & Y
Issued: 12/18/2013
Amended: 2/1/2003

Revision: 2011
Model: Maxim 400
Size: 6"
Orientation: Horizontal
w/Clow
F6104/05/37/38/36/02;
Kennedy 7592/93/61 &
7092/93/68; Union
GV12, Hunter BFV;
Hunter BV-2-1/2,3,4,6,8;
Watts Regulator 409 RW
OS & Y
Issued: 12/18/2013
Amended: 2/1/2003

Revision: 2011
Model: Maxim 400
Size: 8"
Orientation: Horizontal
w/Clow
F6104/05/37/38/36/02;
Kennedy 7592/93/61 &
7092/93/68; Union
GV12, Hunter BFV;
Hunter BV-2-
1/2,3,4,6,8,, Watts
Regulator 409 RW OS &
Y
Issued: 12/18/2013
Amended: 2/1/2003

Revision: 2011
Model: Maxim 400N &
Maxim 400Z
Size: 10"
Orientation: Horizontal
w/Clow
F6104/05/37/38/36/02;
Kennedy 7592/93/61 &
7092/93/68; Union
GV12, Hunter BFV;
Hunter BV-2-1/2,3,4,6,8;
Watts Regulator 409 RW
OS & Y
Issued: 12/18/2013
Amended: 2/1/2003

Revision: 2011
Model: Maxim 400N &
Maxim 400Z
Size: 2-1/2"
Orientation: Horizontal
w/Clow
F6104/05/37/38/36/02;
Kennedy 7592/93/61 &
7092/93/68; Union
GV12, Hunter BFV;
Hunter BV-2-1/2,3,4,6,8;
Watts Regulator 409 RW
OS & Y
Issued: 12/18/2013
Amended: 2/1/2003

Revision: 2011
Model: Maxim 400N &
Maxim 400Z
Size: 3"
Orientation: Horizontal
w/Clow
F6104/05/37/38/36/02;
Kennedy 7592/93/61 &
7092/93/68; Union
GV12, Hunter BFV;
Hunter BV-2-1/2,3,4,6,8;
Watts Regulator 409 RW
OS & Y
Issued: 12/18/2013
Amended: 2/1/2003



Revision: 2011
Model: Maxim 400N & Maxim 400Z
Size: 4"
Orientation: Horizontal w/Clow
F6104/05/37/38/36/02; Kennedy 7592/93/61 & 7092/93/68; Union GV12, Hunter BFV; Hunter BV-2-1/2,3,4,6,8; Watts Regulator 409 RW OS & Y
Issued: 12/18/2013
Amended: 2/1/2003

Revision: 2011
Model: Maxim 400N & Maxim 400Z
Size: 6"
Orientation: Horizontal w/Clow
F6104/05/37/38/36/02; Kennedy 7592/93/61 & 7092/93/68; Union GV12, Hunter BFV; Hunter BV-2-1/2,3,4,6,8; Watts Regulator 409 RW OS & Y
Issued: 12/18/2013
Amended: 2/1/2003

Revision: 2011
Model: Maxim 400N & Maxim 400Z
Size: 8"
Orientation: Horizontal w/Clow
F6104/05/37/38/36/02; Kennedy 7592/93/61 & 7092/93/68; Union GV12, Hunter BFV; Hunter BV-2-1/2,3,4,6,8; Watts Regulator 409 RW OS & Y
Issued: 12/18/2013
Amended: 2/1/2003

Apollo Valves / Conbraco Industries

Revision: 2011
Model: RP4A
Size: 1 1/2"
Orientation: Horizontal w/ 7B, 77B, 77C, 91B, 91C, 77S-XT Series ball valves
Issued: 2/18/2008
Amended: 1/5/2009, 2/16/2009, 5/14/2009, 5/3/2017

Revision: 2011
Model: RP4A
Size: 1 1/4"
Orientation: Horizontal w/ 7B, 77B, 77C, 91B, 91C Series ball valves
Issued: 2/18/2008
Amended: 1/5/2009, 2/16/2009, 5/14/2009, 5/3/2017

Revision: 2011
Model: RP4A
Size: 1"
Orientation: Horizontal w/ 7B, 77B, 77C, 91B, 91C Series ball valves
Issued: 7/28/2008
Amended: 2/16/2009, 5/14/2009, 5/3/2017

Revision: 2011
Model: RP4A
Size: 1/2"
Orientation: Horizontal w/ 7B, 77B, 77C, 91B, 91C Series ball valves
Issued: 12/19/2008
Amended: 2/16/2009, 5/14/2009, 5/3/2017

Revision: 2011
Model: RP4A
Size: 2"
Orientation: Horizontal w/ 7B, 77B, 77C, 91B, 91C, 77S-XT Series ball valves
Issued: 1/15/2009
Amended: 2/16/2009, 5/14/2009, 5/3/2017

Revision: 2011
Model: RP4A
Size: 3/4"
Orientation: Horizontal w/ 7B, 77B, 77C, 91B, 91C Series ball valves
Issued: 2/18/2008
Amended: 2/16/2009, 5/14/2009, 5/3/2017

Revision: 2011
Model: RP4A & RPLF4A
Size: 10"
Orientation: Horizontal w/ Kennedy Model KS-RW gate valve or Apollo Model GV gate valve & Victaulic Series 702 Firelock Butterfly Valves
Issued: 2/18/2008
Amended: 6/20/2018

Revision: 2011
Model: RP4A & RPLF4A
Size: 12"
Orientation: Vertical Up - Vertical Down w/ Kennedy Model KS-RW gate valve
Issued: 2/18/2008
Amended: 6/20/2018

Revision: 2011
Model: RP4A & RPLF4A
Size: 2 1/2"
Orientation: Horizontal w/ Kennedy Model KS-RW gate valve or Apollo Model GV gate valve & Victaulic Series 702 Firelock Butterfly Valves
Issued: 2/18/2008
Amended: 6/20/2018

Revision: 2011
Model: RP4A & RPLF4A
Size: 3"
Orientation: Horizontal w/ Kennedy Model KS-RW gate valve or Apollo Model GV gate valve & Victaulic Series 702 Firelock Butterfly Valves
Issued: 2/18/2008
Amended: 6/20/2018

Revision: 2011
Model: RP4A & RPLF4A
Size: 4"
Orientation: Horizontal w/ Kennedy Model KS-RW gate valve or Apollo Model GV gate valve & Victaulic Series 702 Firelock Butterfly Valves
Issued: 2/18/2008
Amended: 6/20/2018

Revision: 2011
Model: RP4A & RPLF4A
Size: 6"
w/ Kennedy Model KS-RW gate valve or Apollo Model GV gate valve & Victaulic Series 702 Firelock Butterfly Valves
Issued: 2/18/2008
Amended: 6/20/2018

Revision: 2011
Model: RP4A & RPLF4A
Size: 8"
w/ Kennedy Model KS-RW gate valve or Apollo Model GV gate valve & Victaulic Series 702 Firelock Butterfly Valves
Issued: 2/18/2008
Amended: 6/20/2018

Revision: 2011
Model: RP4AN & RPLF4AN
Size: 10"
Orientation: Vertical Up - Vertical Down w/ Kennedy Model KS-RW gate valve or Apollo Model GV gate valve & Victaulic Series 702 Firelock Butterfly Valves
Issued: 2/18/2008
Amended: 6/20/2018

Revision: 2011
Model: RP4AN & RPLF4AN
Size: 2 1/2"
Vertical up/Down, Vertical up/Vertical Up w/ Victaulic Series 702 Firelock Butterfly Valves & Kennedy Model KS-RW gate valves or Apollo Model GV gate valve
Issued: 2/18/2008
Amended: 6/20/2018

Revision: 2011
Model: RP4AN & RPLF4AN
Size: 3"
Vertical Up/Down, Vertical Up/Vertical Up w/ Victaulic Series 702 Firelock Butterfly Valves & Kennedy Model KS-RW gate valves or Apollo Model GV gate valve
Issued: 2/18/2008
Amended: 6/20/2018

Revision: 2011
Model: RP4AN & RPLF4AN
Size: 4"
Vertical Up/Down, Vertical Up/Vertical Up w/ Victaulic 702 Firelock Butterfly Valves or Kennedy KS-RW Gate Valves or Apollo Model GV gate valve
Issued: 2/18/2008
Amended: 6/20/2018

Revision: 2011
Model: RP4AN & RPLF4AN
Size: 6"
Vertical Up/Down, Vertical Up/Vertical Up w/ Victaulic 702 Firelock Butterfly Valves or Kennedy KS-RW Gate Valves or Apollo Model GV gate valve
Issued: 2/18/2008
Amended: 6/20/2018

Revision: 2011
Model: RP4AN & RPLF4AN
Size: 8"
Vertical Up/Down, Vertical Up/Vertical Up w/ Victaulic Model 702 Butterfly Valve or Kennedy KS-RW Gate Valves or Apollo Model GV gate valve
Issued: 2/18/2008
Amended: 6/20/2018

Revision: 2011
Model: RP4AN & RPLF4AN
Size: 12"
w/ Kennedy Model KS-RW gate valve
Issued: 2/18/2008
Amended: 6/20/2018

Revision: 2011
Model: RP4AN, RPLF4AN
Size: 1"
Orientation: Vertical Up - Vertical Down
Uses Apollo 91 or 91LF Series ball valves
Issued: 2/18/2008

Revision: 2011
Model: RP4AN, RPLF4AN
Size: 3/4"
Orientation: Vertical Up - Vertical Down
Uses Apollo 91 or 91LF Series ball valves
Issued: 2/18/2008

Revision: 2011
Model: RPLF4A
Size: 1 1/2"
Orientation: Horizontal w/ 77BLF, 77CLF, 91BLF, 91CLF, 77SLF-XT Series ball valves
Issued: 2/18/2008
Amended: 2/16/2009, 5/14/2009, 5/3/2017

Revision: 2011
Model: RPLF4A
Size: 1 1/4"
Orientation: Horizontal w/ 77BLF, 77CLF, 91BLF, 91CLF Series ball valves
Issued: 2/18/2008
Amended: 2/16/2009, 5/14/2009, 5/3/2017

Revision: 2011
Model: RPLF4A
Size: 1"
Orientation: Horizontal w/ 77BLF, 77CLF, 91BLF, 91CLF Series ball valves
Issued: 7/28/2008
Amended: 2/16/2009, 5/14/2009, 5/3/2017

Revision: 2011
Model: RPLF4A
Size: 1/2"
Orientation: Horizontal w/ 77BLF, 77CLF, 91BLF, 91CLF Series ball valves
Issued: 2/18/2008
Amended: 2/16/2009, 5/14/2009, 5/3/2017

Revision: 2011
Model: RPLF4A
Size: 2"
Orientation: Horizontal w/ 77BLF, 77CLF, 91BLF, 91CLF, 77SLF-XT Series ball valves
Issued: 2/18/2008
Amended: 2/16/2009, 5/14/2009, 5/3/2017

Revision: 2011
Model: RPLF4A
Size: 3/4"
Orientation: Horizontal w/ 77BLF, 77CLF, 91BLF, 91CLF Series ball valves
Issued: 2/18/2008
Amended: 2/16/2009, 5/14/2009, 5/3/2017

ARI Flow Control Accessories

Revision: 2011
Model: RP 500, RP 501
Size: 1/2, 3/4, 1 inch
Orientation: Horizontal w/ ARI HC262 ball valves; ARI Plasson nylon ball valves
Issued: 2/2/2004
Amended: 1/24/2011, 3/2/2011, 8/13/2012, 6/20/2018, 8/6/2018

Revision: 2011
Model: RP 500, RP 501
Size: 1-1/4, 1-1/2, 2 inch
Orientation: Horizontal w/ ARI HC262 ball valves; ARI Plasson nylon ball valves
Issued: 2/2/2004
Amended: 6/20/2018, 8/6/2018

Backflow Direct, LLC

Revision: 2011
Model: Deringer 40[G] / Magnum 40[G]
Size: 2 1/2"
Orientation: Horizontal Integral SOVs-Deringer with Tamper Switches/Magnum WITHOUT Tamper Switches [G] Gate SOVs-NRS/OS&Y
Issued: 3/30/2016
Amended: 4/13/2018, 11/28/2018

Revision: 2011
Model: Deringer 40[G] / Magnum 40[G]
Size: 3"
Orientation: Horizontal Integral SOVs-Deringer with Tamper Switches/Magnum WITHOUT Tamper Switches [G] Gate SOVs-NRS/OS&Y
Issued: 3/30/2016
Amended: 4/13/2018, 11/28/2018

Revision: 2011
Model: Deringer 40[G] / Magnum 40[G]
Size: 4"
Orientation: Horizontal Integral SOVs-Deringer with Tamper Switches/Magnum WITHOUT Tamper Switches [G] Gate SOVs-NRS/OS&Y
Issued: 3/30/2016
Amended: 4/13/2018, 11/28/2018

Revision: 2011
Model: Deringer 40[G] / Magnum 40[G]
Size: 8"
Orientation: Horizontal Integral SOVs-Deringer with Tamper Switches/Magnum WITHOUT Tamper Switches [G] Gate SOVs-NRS/OS&Y
Issued: 9/13/2016
Amended: 4/13/2018

Revision: 2011
Model: Deringer 40[G]X / Magnum 40[G]X
Size: 6"
Orientation: Horizontal Integral SOVs-Deringer with Tamper Switches/Magnum WITHOUT Tamper Switches [G] Gate SOVs-NRS/OS&Y
Issued: 11/21/2016
Amended: 4/13/2018

BEECO (division of MIFAB, Inc.)

Revision: 2011
Model: FRP
Size: 1 1/2"
Orientation: Horizontal With BEECO ball valve SOV
Issued: 5/11/2017

Revision: 2011
Model: FRP
Size: 1 1/4"
Orientation: Horizontal With BEECO ball valve SOV.
Issued: 5/11/2017

Revision: 2011
Model: FRP
Size: 1"
Orientation: Horizontal With BEECO ball valve SOV
Issued: 5/11/2017

Revision: 2011
Model: FRP
Size: 1/2"
Orientation: Horizontal With BEECO ball valve SOV.
Issued: 5/11/2017

Revision: 2011
Model: FRP
Size: 2 1/2"
Orientation: Horizontal With BEECO ball valve SOV. Horizontal and Vertical Up orientations.
Issued: 5/11/2017

Revision: 2011
Model: FRP
Size: 2"
Orientation: Horizontal With BEECO ball valve SOV
Issued: 5/11/2017

Revision: 2011
Model: FRP
Size: 3"
With BEECO ball valve SOV. Horizontal and Vertical Up orientations.
Issued: 5/11/2017

Revision: 2011
Model: FRP
Size: 3/4"
Orientation: Horizontal With BEECO ball valve SOV
Issued: 5/11/2017

Revision: 2011
Model: FRP
Size: 4"
With BEECO ball valve SOV. Horizontal and Vertical Up orientations.
Issued: 5/11/2017

Revision: 2011
Model: FRP
Size: 6"
Orientation: Horizontal With BEECO ball valve SOV.
Issued: 5/11/2017

FEBCO, a Watts Regulator Company

Revision: 2011
Model: 825Y & LF825Y
Size: 1 inch
Orientation: Horizontal w/Febco 622 BV-QT, KeyGuard SOV
Issued: 9/17/1981
Amended: 10/28/2008, 7/11/2012

Revision: 2011
Model: 825Y & LF825Y
Size: 1-1/2 inch
Orientation: Horizontal w/Febco 622 BV-QT, KeyGuard SOV
Issued: 9/17/1981
Amended: 10/28/2008, 7/11/2012

Revision: 2011
Model: 825Y & LF825Y
Size: 1-1/4 inch
Orientation: Horizontal w/Febco 622 BV-QT, KeyGuard SOV
Issued: 9/17/1981
Amended: 10/28/2008, 7/11/2012

Revision: 2011
Model: 825Y & LF825Y
Size: 2 inch
Orientation: Horizontal w/Febco 622 BV-QT, KeyGuard SOV
Issued: 9/17/1981
Amended: 10/28/2008, 7/11/2012

Revision: 2011
Model: 825Y & LF825Y
Size: 3/4 inch
Orientation: Horizontal w/Febco 622 BV-QT, KeyGuard SOV
Issued: 9/17/1981
Amended: 10/28/2008, 7/11/2012

Revision: 2011
Model: 825YA & LF825YA
Size: 1 inch
Orientation: Horizontal w/Febco 622 BV-QT, KeyGuard SOV
Issued: 9/17/1990
Amended: 10/28/2008, 7/11/2012

Revision: 2011
Model: 825YA & LF825YA
Size: 1-1/2 inch
Orientation: Horizontal w/Febco 622 BV-QT, KeyGuard SOV
Issued: 9/17/1990
Amended: 10/28/2008, 7/11/2012

Revision: 2011
Model: 825YA & LF825YA
Size: 2 inch
Orientation: Horizontal w/Febco 622 BV-QT, KeyGuard SOV
Issued: 9/17/1990
Amended: 10/28/2008, 7/11/2012

Revision: 2011
Model: 825YA & LF825YA
Size: 3/4 inch
Orientation: Horizontal w/Febco 622 BV-QT, KeyGuard SOV
Issued: 9/17/1990
Amended: 10/28/2008, 7/11/2012

Revision: 2011
Model: 860, LF860
Size: 1 inch
Orientation: Horizontal w/Febco 622 BV-QT, KeyGuard SOV. U model w/Febco 622U BV-QT. LF model replaces internal components from C83600 to SS304
Issued: 10/28/1996
Amended: 10/28/2008, 9/6/2012

Revision: 2011
Model: 860, LF860
Size: 1/2 inch
Orientation: Horizontal w/Febco 622 BV-QT, KeyGuard SOV. U model w/Febco 622U BV-QT. LF model replaces internal components from C83600 to SS304
Issued: 10/28/1996
Amended: 10/28/2008, 9/6/2012

Revision: 2011
Model: 860, LF860
Size: 10 inch
Orientation: Horizontal w/Kennedy KS II or Kennedy flange by groove OS&Y, Watts 405-RW NRS Series, Watts 409 OSY Series, Kennedy Series 7092ABF-OSY
LF model replaces internal components from C83600 to SS304
Issued: 3/24/1992
Amended: 2/9/2006, 4/26/2006, 9/6/2012

Revision: 2011
Model: 860, LF860
Size: 1-1/2 inch
Orientation: Horizontal w/Febco 622 BV-QT, KeyGuard SOV. U model w/Febco 622U BV-QT. LF model replaces internal components from C83600 to SS304
Issued: 10/28/1996
Amended: 10/28/2008, 9/6/2012

Revision: 2011
Model: 860, LF860
Size: 1-1/4 inch
Orientation: Horizontal w/Febco 622 BV-QT, KeyGuard SOV. U model w/Febco 622U BV-QT. LF model replaces internal components from C83600 to SS304
Issued: 10/28/1996
Amended: 10/28/2008, 9/6/2012

Revision: 2011
Model: 860, LF860
Size: 2 inch
Orientation: Horizontal
w/Febco 622 BV-QT,
KeyGuard SOV. U model
w/Febco 622U BV-QT. LF
model replaces internal
components from
C83600 to SS304
Issued: 10/28/1996
Amended: 10/28/2008,
9/6/2012

Revision: 2011
Model: 860, LF860
Size: 2-1/2 inch
Orientation: Horizontal
w/Kennedy KS II or
Kennedy flange by
groove OS&Y, Watts
405-RW NRS Series,
Watts 409 OSY Series,
Kennedy Series
7092ABF-OSY
LF model replaces
internal components
from C83600 to SS304
Issued: 3/24/1992
Amended: 2/9/2006,
4/26/2006, 9/6/2012,
7/20/2017

Revision: 2011
Model: 860, LF860
Size: 3 inch
Orientation: Horizontal
w/Kennedy KS II or
Kennedy flange by
groove OS&Y, Watts
405-RW NRS Series,
Watts 409 OSY Series,
Kennedy Series
7092ABF-OSY
LF model replaces
internal components
from C83600 to SS304
Issued: 3/24/1992
Amended: 2/9/2006,
4/26/2006, 9/6/2012,
7/20/2017

Revision: 2011
Model: 860, LF860
Size: 3/4 inch
Orientation: Horizontal
w/Febco 622 BV-QT,
KeyGuard SOV. U model
w/Febco 622U BV-QT. LF
model replaces internal
components from
C83600 to SS304
Issued: 10/28/1996
Amended: 10/28/2008,
9/6/2012

Revision: 2011
Model: 860, LF860
Size: 4 inch
Orientation: Horizontal
w/Kennedy KS II or
Kennedy flange by
groove OS&Y, Watts
405-RW NRS Series,
Watts 409 OSY Series,
Kennedy Series
7092ABF-OSY
LF model replaces
internal components
from C83600 to SS304
Issued: 3/24/1992
Amended: 2/9/2006,
4/26/2006, 9/6/2012,
7/20/2017

Revision: 2011
Model: 860, LF860
Size: 6 inch
Orientation: Horizontal
w/Kennedy KS II or
Kennedy flange by
groove OS&Y, Watts
405-RW NRS Series,
Watts 409 OSY Series,
Kennedy Series
7092ABF-OSY
LF model replaces
internal components
from C83600 to SS304
Issued: 3/24/1992
Amended: 2/9/2006,
4/26/2006, 9/6/2012,
7/20/2017

Revision: 2011
Model: 860, LF860
Size: 8 inch
Orientation: Horizontal
w/Kennedy KS II or
Kennedy flange by
groove OS&Y, Watts
405-RW NRS Series,
Watts 409 OSY Series,
Kennedy Series
7092ABF-OSY
LF model replaces
internal components
from C83600 to SS304
Issued: 3/24/1992
Amended: 2/9/2006,
4/26/2006, 9/6/2012,
7/20/2017

Revision: 2011
Model: 880V, LF880V
Size: 10 inch
Orientation: Vertical Up
- Vertical Down
VUVU and VUVD
w/Kennedy KS II or
Kennedy flange by
groove OS&Y, Watts
405-RW NRS Series,
Watts 409 OSY Series,
Kennedy Series
7092ABF-OSY
Issued: 7/13/1993
Amended: 2/9/2006,
2/3/2017

Revision: 2011
Model: 880V, LF880V
Size: 2-1/2 inch
Orientation: Vertical Up
- Vertical Down
VUVU and VUVD
w/Kennedy KS II or
Kennedy flange by
groove OS&Y, Watts
405-RW NRS Series,
Watts 409 OSY Series,
Kennedy Series
7092ABF-OSY
Issued: 7/13/1993
Amended: 2/9/2006,
10/17/2012, 2/3/2017

Revision: 2011
Model: 880V, LF880V
Size: 3 inch
Orientation: Vertical Up
- Vertical Down
VUVU and VUVD
w/Kennedy KS II or
Kennedy flange by
groove OS&Y, Watts
405-RW NRS Series,
Watts 409 OSY Series,
Kennedy Series
7092ABF-OSY
Issued: 7/13/1993
Amended: 2/9/2006,
10/17/2012, 2/3/2017

Revision: 2011
Model: 880V, LF880V
Size: 4 inch
Orientation: Vertical Up
- Vertical Down
VUVU and VUVD
w/Kennedy KS II or
Kennedy flange by
groove OS&Y, Watts
405-RW NRS Series,
Watts 409 OSY Series,
Kennedy Series
7092ABF-OSY
Issued: 7/13/1993
Amended: 2/9/2006,
10/17/2012, 2/3/2017

Revision: 2011
Model: 880V, LF880V
Size: 6 inch
Orientation: Vertical Up
- Vertical Down
VUVU and VUVD
w/Kennedy KS II or
Kennedy flange by
groove OS&Y, Watts
405-RW NRS Series,
Watts 409 OSY Series,
Kennedy Series
7092ABF-OSY
Issued: 7/13/1993
Amended: 2/9/2006,
10/17/2012, 2/3/2017

Revision: 2011
Model: 880V, LF880V
Size: 8 inch
Orientation: Vertical Up
- Vertical Down
VUVU and VUVD
w/Kennedy KS II or
Kennedy flange by
groove OS&Y, Watts

405-RW NRS Series,
Watts 409 OSY Series,
Kennedy Series
7092ABF-OSY
Issued: 7/13/1993
Amended: 2/9/2006,
10/17/2012, 2/3/2017

**Watts Regulator
Company**
Revision: 2011
Model: (LF) 009M2FP
(PC)
Size: 1 1/2"
Horizontal w/ Watts
FBV-FP- (E)
Issued: 10/27/2009

Revision: 2011
Model: (LF) 009M2FP
(PC)
Size: 1 1/4"
Horizontal w/ Watts
FBV-FP- (E)
Issued: 10/27/2009

Revision: 2011
Model: (LF) 009M2FP
(PC)
Size: 1"
Horizontal w/ Watts
FBV-FP- (E)
Issued: 10/27/2009

Revision: 2011
Model: (LF) 009M2FP
(PC)
Size: 2"
Horizontal w/ Watts
FBV-FP- (E)
Issued: 10/27/2009

Revision: 2011
Model: (LF) 009M3-FP
Size: 3/4"
Horizontal w/ Watts
FBV-FP- (E)
Issued: 10/27/2009

Revision: 2011
Model: 009 (LF)
Size: 2 1/2 inch
Orientation: Horizontal -
Vertical Down
w/Clow R/W F6102 NRS
& 6136OSY, Waterous
500NRS & OSY, Kennedy
Ken Seal II NRS & OSY,
Watts 405, 408, 409
Issued: 2/5/1987
Amended: 6/1/1994,
9/8/2005, 2/21/2006,
5/19/2008, 9/9/2009

Revision: 2011
Model: 009 (LF)
Size: 3 inch
Orientation: Horizontal -
Vertical Down
w/Clow R/W F6102 NRS
& 6136OSY, Waterous
500NRS & OSY, Kennedy
Ken Seal II NRS & OSY,
Watts 405, 408, 409
Issued: 2/5/1987
Amended: 6/1/1994,
9/8/2005, 2/21/2006,
5/19/2008, 9/9/2009

Revision: 2011
Model: 009-FP
Size: 3/4"
Horizontal - Vertical
Down w/ Watts FBV-FP-
(E)
Issued: 10/27/2009

Revision: 2011
Model: 009M2QT (LF)
(PC)
Size: 1 1/4 inch
Orientation: Horizontal -
Vertical Down
w/ Watts FBV(E),
KeyGuard SOV
Issued: 2/5/1987
Amended: 2/21/2006,
5/19/2008, 9/17/2015

Revision: 2011
Model: 009M2QT (LF)
(PC)
Size: 1 inch
Orientation: Horizontal -
Vertical Down
w/ Watts FBV(E),
KeyGuard SOV
Issued: 2/5/1987
Amended: 2/21/2006,
5/19/2008, 9/17/2015

Revision: 2011
Model: 009M2QT (LF)
(PC)
Size: 2 inch
Orientation: Horizontal -
Vertical Down
w/ Watts FBV(E),
Kennedy Ken Seal II OSY,
KeyGuard SOV
Issued: 2/5/1987
Amended: 2/21/2006,
5/19/2008, 9/17/2015

Revision: 2011
Model: 009M2QT (LF)
(PC)
Size: 3/4 inch
Orientation: Horizontal -
Vertical Down
w/ Watts FBV(E),
KeyGuard SOV
Issued: 2/5/1987
Amended: 2/21/2006,
5/19/2008, 9/17/2015

Revision: 2011
Model: 009M2QT (LF)
PC
Size: 1 1/2 inch
Orientation: Horizontal -
Vertical Down
w/ Watts FBV(E),
Kennedy Ken Seal II OSY,
KeyGuard SOV
Issued: 2/5/1987
Amended: 2/21/2006,
5/19/2008, 9/17/2015

Revision: 2011
Model: 009M3-QT (LF)
Size: 3/4 inch
Orientation: Horizontal -
Vertical Down
w/ Watts FBV(E),
KeyGuard SOV
Issued: 2/5/1987
Amended: 2/21/2006,
5/19/2008, 9/17/2015

Revision: 2011
Model: 009QT (LF) (PC)
Size: 1/2 inch
Orientation: Horizontal -
Vertical Down
w/ Watts FBV(E),
KeyGuard SOV
Issued: 2/5/1987
Amended: 2/21/2006,
5/19/2008, 9/17/2015

Revision: 2011
Model: 009QT (LF) (PC)
Size: 3/8 inch
Orientation: Horizontal -
Vertical Down
w/ Watts FBV(E),
KeyGuard SOV
Issued: 2/5/1987
Amended: 2/21/2006,
5/19/2008, 9/17/2015

Revision: 2011
Model: 009QT (LF) (PC)
(U)
Size: 1 inch
Orientation: Horizontal -
Vertical Down
w/Watts FBV(E),
KeyGuard SOV
Issued: 2/5/1987
Amended: 2/21/2006,
4/10/2006, 5/19/2008

Revision: 2011
Model: 009QT (LF) (PC)
(U)
Size: 1-1/2 inch
Orientation: Horizontal -
Vertical Down
w/Watts FBV(E),
Kennedy Ken Seal II OSY,
KeyGuard SOV
Issued: 2/5/1987
Amended: 2/21/2006,
4/10/2006, 5/19/2008

Revision: 2011
Model: 009QT (LF) (PC)
(U)
Size: 1-1/4 inch
Orientation: Horizontal -
Vertical Down
w/Watts FBV(E),
KeyGuard SOV
Issued: 2/5/1987
Amended: 2/21/2006,
4/10/2006, 5/19/2008

Revision: 2011
Model: 009QT (LF) (PC)
(U)
Size: 2 inch
Orientation: Horizontal -
Vertical Down
w/Watts FBV(E),
Kennedy Ken Seal II OSY,
KeyGuard SOV
Issued: 2/5/1987
Amended: 2/21/2006,
4/10/2006, 5/19/2008

Revision: 2011
Model: 009QT (LF) (PC)
(U)
Size: 3/4 inch
Orientation: Horizontal -
Vertical Down
Issued: 2/5/1987
Amended: 2/21/2006,
4/10/2006, 5/19/2008

Revision: 2011
Model: 009QT (LF) (PC)
Size: 1/4 inch
Orientation: Horizontal -
Vertical Down
w/ FBV & FBV(E)
Issued: 2/5/1987
Amended: 2/21/2006,
5/19/2008

Revision: 2011
Model: 909 (LF) (SR) &
(LF) 909
Size: 2 1/2 inch
Vertical
Down/Horizontal w/
Clow R/W F 6102NRS &
6136OSY, Waterous 500
NRS & OSY, Kennedy Ken
Seal II NRS & OSY, Watts
405, 408, 409
Issued: 3/29/1991
Amended: 11/7/2006,
2/21/2008, 10/29/2008,
3/7/2011, 11/29/2011

Revision: 2011
Model: 909 (LF) (SR) &
(LF) 909
Size: 3 inch
Vertical
Down/Horizontal w/
Clow R/W F6102NRS &
6136OSY, Waterous 500
NRS & OSY, Kennedy Ken
Seal II NRS & OSY, Watts
405, 408, 409
Issued: 3/29/1991
Amended: 11/7/2006,
2/21/2008, 10/29/2008,
3/7/2011, 11/29/2011

Revision: 2011
Model: 909 (LF) (SR) &
(LF) 909
Size: 4 inch
Vertical
Down/Horizontal w/
Clow R/W F6102NRS &
6136OSY, Waterous 500
NRS & OSY, Kennedy Ken
Seal II NRS & OSY, Watts
405, 408, 409
Issued: 3/29/1991
Amended: 11/7/2006,
2/21/2008, 10/29/2008,
3/7/2011, 11/29/2011

Revision: 2011
Model: 909 (LF) (SR) &
(LF) 909
Size: 6 inch
Orientation: Horizontal
w/ Clow R/W F6102 NRS
& 6136OSY, Waterous
500 NRS & OSY, Kennedy
Ken Seal II NRS & OSY,
Watts 405, 408, 409
Issued: 3/29/1991
Amended: 11/7/2006,
2/21/2008, 10/29/2008,
11/29/2011

Revision: 2011
Model: 909BB (LF, SR) &
(LF) 909BB
Size: 2 1/2 inch
Horizontal/Vertical
Down w/ Clow R/W
F6102 NRS & 6136OSY,
Waterous 500 NRS &
OSY, Kennedy Ken Seal II
NRS & OSY, Watts 405,
408, 409
Issued: 3/29/1991
Amended: 11/7/2006,
2/21/2008, 10/29/2008,
3/7/2011, 11/29/2011

Revision: 2011
Model: 909BB (LF, SR) &
(LF) 909BB
Size: 3 inch
Horizontal/Vertical
Down w/ Clow R/W
F6102 NRS & 6136OSY,
Waterous 500 NRS &
OSY, Kennedy Ken Seal II
NRS & OSY, Watts 405,
408, 409
Issued: 3/29/1991
Amended: 11/7/2006,
2/21/2008, 10/29/2008,
3/7/2011, 11/29/2011

Revision: 2011
Model: 909M1 (LF, SR)
& (LF) 909M1
Size: 10 inch
Orientation: Horizontal
w/ Clow R/W F6102 NRS
& 6136OSY, Waterous
500 NRS & OSY, Kennedy
Ken Seal II NRS & OSY,
Watts 405, 408, 409
Issued: 3/29/1991
Amended: 11/7/2006,
2/21/2008, 10/29/2008,
11/29/2011

Revision: 2011
Model: 909M1 (LF, SR)
& (LF) 909M1
Size: 8 inch
Orientation: Horizontal
w/ Clow R/W F6102 NRS
& 6136OSY, Waterous
500 NRS & OSY, Kennedy
Ken Seal II NRS & OSY,
Watts 405, 408, 409
Issued: 3/29/1991
Amended: 11/7/2006,
2/21/2008, 10/29/2008,
11/29/2011

Revision: 2011
Model: 909-M1 (SR) &
(LF) 909-M1
Size: 8 inch
Orientation: Horizontal
w/ Clow R/W F6102NRS
& 6136OSY, Waterous
500NRS & OSY, Kennedy
Ken Seal II NRS & OSY,
Watts 405, 408, 409
Issued: 3/29/1991
Amended: 11/7/2006,
2/21/2008, 10/29/2008,
11/29/2011

Revision: 2011
Model: 909M1QT (LF)
(PC, HW) & (LF)
909M1QT
Size: 1 1/2 inch
Vertical Down/Vertical
Up/Horizontal w/ Watts
FBV(E), Kennedy Ken
Seal II OSY, KeyGuard
SOV
Issued: 3/29/1991
Amended: 11/7/2006,
2/21/2008, 10/29/2008,
11/29/2011

Revision: 2011
Model: 909M1QT (LF)
(PC, HW) & (LF)
909M1QT
Size: 1 1/4 inch
Vertical Down/Vertical
up/Horizontal w/ Watts
FBV(E), KeyGuard SOV
Issued: 3/29/1991
Amended: 11/7/2006,
2/21/2008, 10/29/2008,
11/29/2011

Revision: 2011
Model: 909M1QT (LF)
(PC, HW) & (LF)
909M1QT
Size: 2 inch
Vertical Down/Vertical
Up/Horizontal w/ Watts
FBV(E), Kennedy Ken
Seal II OSY, KeyGuard
SOV
Issued: 3/29/1991
Amended: 11/7/2006,
2/21/2008, 10/29/2008,
11/29/2011

Revision: 2011
Model: 909QT (LF, FAE,
PC, HW) & (LF) 909QT
Size: 1 1/2 inch
Horizontal, Vertical Up,
Vertical Down w/ Watts
FBV(E), Kennedy Ken
Seal II OSY, KeyGuard
SOV
Issued: 3/29/1991
Amended: 11/7/2006,
2/21/2008, 10/29/2008,
11/29/2011

Revision: 2011
Model: 909QT (LF, FAE,
PC, HW) & (LF) 909QT
Size: 1 1/4 inch
Horizontal, Vertical Up,
Vertical Down w/ Watts
FBV(E), KeyGuard SOV
Issued: 3/29/1991
Amended: 11/7/2006,
2/21/2008, 10/29/2008,
11/29/2011

Revision: 2011
Model: 909QT (LF, FAE,
PC, HW) & (LF) 909QT
Size: 2 inch
Horizontal, Vertical Up
w/ Watts FBV(E),
Kennedy Ken Seal II OSY,
KeyGuard SOV

Issued: 3/29/1991
Amended: 11/7/2006,
2/21/2008, 10/29/2008,
11/29/2011

Revision: 2011
Model: 909QT (LF, U,
PC, HW) & (LF) 909QT -
LISTED TO 1013-2011
Size: 1 inch
Vertical Down/Vertical
Up/Horizontal w/ Watts
FBV(E), KeyGuard SOV
Issued: 3/29/1991
Amended: 11/7/2006,
2/21/2008, 10/29/2008,
11/29/2011, 8/13/2012

Revision: 2011
Model: 909QT (LF, U, PC, HW) & (LF) 909QT - LISTED TO 1013-2011
Size: 3/4 inch
Vertical Down/Vertical Up/Horizontal w/ Watts FBV(E), KeyGuard SOV
Issued: 3/29/1991
Amended: 11/7/2006, 2/21/2008, 10/29/2008, 11/29/2011, 8/13/2012

Revision: 2011
Model: 919 QT (LF919QT) W / Watts FBV & FBV-E
Size: 1/4"
Orientation: Horizontal - Vertical Down
w/ Watts FBV & FBV-E
Issued: 5/8/2007

Revision: 2011
Model: 919 QT (LF919QT) W / Keyguard SOV, Watts FBV & FBV-E
Size: 1/2"
Orientation: Horizontal - Vertical Down
w/ Keyguard SOV, Watts FBV & FBV-E
Issued: 5/8/2007

Revision: 2011
Model: 919 QT (LF919QT) W / Keyguard SOV, Watts FBV & FBV-E
Size: 3/8"
Orientation: Horizontal - Vertical Down
w/ Keyguard SOV, Watts FBV & FBV-E
Issued: 5/8/2007

Revision: 2011
Model: 919-AQT (LF-919-AQT) w/ KeyGuard SOV, Watts FBV(E) & U919-AQT (LF-U919-AQT) w/ Watts FBV(E)
Size: 1 inch
Vertical Up/down
Issued: 9/11/2003

Revision: 2011
Model: 919-AQT (LF-919-AQT) w/ KeyGuard SOV, Watts FBV(E) & U919-AQT (LF-U919-AQT) w/ Watts FBV(E)
Size: 1-1/4 inch
Vertical Up/down
Issued: 9/11/2003

Revision: 2011
Model: 919-AQT (LF919-AQT) w/ KeyGuard SOV, Watts FBV(E) & U919-AQT (LF-U919-AQT) w/ Watts FBV(E)
Size: 3/4 inch
Vertical Up/down
Issued: 9/11/2003

Revision: 2011
Model: 919-AQT (LF-919-AQT) w/ KeyGuard SOV, Watts FBV(E), Kennedy Ken Seal II OSY & U919-AQT (LF-U919-AQT) w/ Watts FBV(E), Kennedy Ken Seal II OSY
Size: 1-1/2 inch
Vertical Up/down
Issued: 9/11/2003

Revision: 2011
Model: 919-AQT (LF-919-AQT) w/ KeyGuard SOV, Watts FBV(E), Kennedy Ken Seal II OSY & U919-AQT (LF-U919-AQT) w/ Watts FBV(E), Kennedy Ken Seal II OSY
Size: 2 inch
Vertical Up/down
Issued: 9/11/2003

Revision: 2011
Model: 919-QT (LF-919-QT) w/ KeyGuard SOV & Watts FBV(E) & U919-QT (LF-U919-QT) w/ Watts FBV(E)
Size: 1 inch
Orientation: Horizontal - Vertical Down
Issued: 9/11/2003
Amended: 12/11/2012

Revision: 2011
Model: 919-QT (LF-919-QT) w/ KeyGuard SOV & Watts FBV(E) & U919-QT (LF-U919-QT) w/ Watts FBV(E)
Size: 1-1/4"
Orientation: Horizontal - Vertical Down
Issued: 9/11/2003
Amended: 12/11/2012

Revision: 2011
Model: 919-QT (LF-919-QT) w/ KeyGuard SOV, Watts FBV(E), Kennedy Ken Seal II OSY & U919-QT (LF-U919-QT) w/ Watts FBV(E), Kennedy Ken Seal II OSY
Size: 1-1/2 inch
Orientation: Horizontal - Vertical Down
Issued: 9/11/2003
Amended: 12/11/2012

Revision: 2011
Model: 919-QT (LF-919-QT) w/ KeyGuard SOV, Watts FBV(E), Kennedy Ken Seal II OSY & U919-QT (LF-U919-QT) w/ Watts FBV(E), Kennedy Ken Seal II OSY
Size: 2 inch
Orientation: Horizontal - Vertical Down
Issued: 9/11/2003
Amended: 12/11/2012

Revision: 2011
Model: 919-QT (LF-919-QT) w/KeyGuard SOV, Watts FBV(E) & U919-QT (LF-U919-QT) w/ Watts FBV(E)
Size: 3/4 inch
Orientation: Horizontal - Vertical Down
Issued: 9/11/2003
Amended: 12/11/2012

Revision: 2011
Model: 919-ZQT (LF-919-ZQT) w/ KeyGuard SOV, Watts FBV(E) & U919-ZQT (LF-U919-ZQT) w/ Watts FBV(E)
Size: 3/4 inch
Vertical Up/down
Issued: 9/11/2003

Revision: 2011
Model: 919-ZQT (LF-919-ZQT) w/ KeyGuard SOV, Watts FBV(E) & U919-ZQT (LF-U919-ZQT) w/ Watts FBV(E)
Size: 1 inch
Vertical Up/Down
Issued: 9/11/2003

Revision: 2011
Model: 919-ZQT (LF-919-ZQT) w/ KeyGuard SOV, Watts FBV(E) & U919-ZQT (LF-U919-ZQT) w/ Watts FBV(E)
Size: 1-1/4 inch
Vertical Up/down
Issued: 9/11/2003

Revision: 2011
Model: 919-ZQT (LF-919-ZQT) w/ KeyGuard SOV, Watts FBV(E), Kennedy Ken Seal II OSY & U919-ZQT (LF-U919-ZQT) w/ Watts FBV(E), Kennedy Ken Seal II OSY
Size: 2 inch
Vertical Up/down
Issued: 9/11/2003

Revision: 2011
Model: 919-ZQT (LF-919-ZQT) w/ KeyGuard SOV, Watts FBV(E), Kennedy Ken Seal II OSY & U919-ZQT (LF-U919-ZQT) w/ Watts FBV(E), Kennedy Ken Seal II OSY
Size: 1-1/2 inch
Vertical Up/Down
Issued: 9/11/2003

Revision: 2011
Model: 957 (LF) "Standard"
Size: 10"
Orientation: Horizontal w/Kennedy KS-II , Watts 405-RW NRS Series, Watts 409 OSY Series, Kennedy Series
7092ABF-OSY
Issued: 7/15/2002
Amended: 2/1/2003, 4/17/2014, 7/25/2017

Revision: 2011
Model: 957 (LF) "Standard"
Size: 2-1/2"
Orientation: Horizontal w/Kennedy KS-II , Watts 405-RW NRS Series, Watts 409 OSY Series, Kennedy Series
7092ABF-OSY
Issued: 7/15/2002
Amended: 2/1/2003, 4/17/2014, 7/25/2017

Revision: 2011
Model: 957 (LF) "Standard"
Size: 3"
Orientation: Horizontal w/Kennedy KS-II , Watts 405-RW NRS Series, Watts 409 OSY Series, Kennedy Series
7092ABF-OSY
Issued: 7/15/2002
Amended: 2/1/2003, 4/17/2014, 7/25/2017

Revision: 2011
Model: 957 (LF) "Standard"
Size: 4"
Orientation: Horizontal w/Kennedy KS-II , Watts 405-RW NRS Series, Watts 409 OSY Series, Kennedy Series
7092ABF-OSY
Issued: 7/15/2002
Amended: 2/1/2003, 4/17/2014, 7/25/2017

Revision: 2011
Model: 957 (LF) "Standard"
Size: 6"
Orientation: Horizontal w/Kennedy KS-II , Watts 405-RW NRS Series, Watts 409 OSY Series, Kennedy Series
7092ABF-OSY
Issued: 7/15/2002
Amended: 2/1/2003, 4/17/2014, 7/25/2017

Revision: 2011
Model: 957 (LF) "Standard"
Size: 8"
Orientation: Horizontal w/Kennedy KS-II , Watts 405-RW NRS Series,

Watts 409 OSY Series, Kennedy Series
7092ABF-OSY
Issued: 7/15/2002
Amended: 2/1/2003, 4/17/2014, 7/25/2017

Revision: 2011
Model: 957 (LF) ("Standard" N, Z) QT
Size: 2 1/2"
Horizontal w/ Watts LF-FBV
Issued: 10/28/2009
Amended: 4/17/2014

Revision: 2011
Model: 957 (LF) ("Standard" N, Z) QT
Size: 3"
Horizontal w/ Watts LF-FBV
Issued: 10/28/2009
Amended: 4/17/2014

Revision: 2011
Model: 957 (LF) ("Standard" N, Z) QT
Size: 4"
Horizontal w/ Watts LF-FBV
Issued: 10/28/2009
Amended: 4/17/2014

Revision: 2011
Model: 957 (LF) RP BFG
Size: 4"
Orientation: Horizontal w/Victaulic 702 Butterfly Series
Issued: 2/18/2008
Amended: 4/17/2014

Revision: 2011
Model: 957 (LF) RP BFG
Size: 6"
Orientation: Horizontal w/ Victaulic 702 Butterfly Series
Issued: 2/18/2008
Amended: 4/17/2014

Revision: 2011
Model: 957N (LF) & 957Z
Size: 10"
Orientation: Horizontal w/Kennedy KS-II , Watts 405-RW NRS Series, Watts 409 OSY Series, Kennedy Series
7092ABF-OSY
Issued: 7/15/2002
Amended: 2/1/2003, 4/17/2014, 7/25/2017



Revision: 2011
Model: SS009M3QT
Size: 1/2 inch
Orientation: Horizontal -
Vertical Down
w/ Watts FBV(E)
Issued: 2/5/1987
Amended: 2/21/2006,
5/19/2008

Revision: 2011
Model: SS009M3QT
Size: 1/4 inch
Orientation: Horizontal -
Vertical Down
w/ Watts FBV(E)
Issued: 2/5/1987
Amended: 2/21/2006,
5/19/2008

Revision: 2011
Model: SS009M3QT
Size: 3/4 inch
Orientation: Horizontal -
Vertical Down
w/ Watts FBV(E)
Issued: 2/5/1987
Amended: 2/21/2006,
5/19/2008

Revision: 2011
Model: SS009M3QT
Size: 3/8 inch
Orientation: Horizontal -
Vertical Down
w/ Watts FBV(E)
Issued: 2/5/1987
Amended: 2/21/2006,
5/19/2008

Revision: 2011
Model: U009 M2QT (LF,
PC)
Size: 3/4 inch
Orientation: Horizontal -
Vertical Down
w/ Watts FBV(E)
Issued: 2/5/1987
Amended: 2/21/2006,
5/19/2008

Revision: 2011
Model: U009A QT (LF,
PC)
Size: 1 inch
Orientation: Horizontal -
Vertical Down
w/ Watts FBV(E)
Issued: 2/5/1987
Amended: 2/21/2006,
5/19/2008

Revision: 2011
Model: U009A QT (LF,
PC)
Size: 3/4 inch
Orientation: Horizontal -
Vertical Down
w/ Watts FBV(E)
Issued: 2/5/1987
Amended: 2/21/2006,
5/19/2008

Revision: 2011
Model: U009M1A QT
(LF, PC)
Size: 1 inch
Orientation: Horizontal -
Vertical Down
w/ Watts FBV(E)
Issued: 2/5/1987
Amended: 2/21/2006,
5/19/2008

Revision: 2011
Model: U009M1QT (LF)
(PC)
Size: 1 1/2 inch
Orientation: Horizontal -
Vertical Down
w/ Watts FBV(E),
Kennedy Ken Seal II OSY
Issued: 2/5/1987
Amended: 2/21/2006,
5/19/2008

Revision: 2011
Model: U009M1QT (LF)
(PC)
Size: 1 1/4 inch
Orientation: Horizontal -
Vertical Down
w/ Watts FBV(E)
Issued: 2/5/1987
Amended: 2/21/2006,
5/19/2008

Revision: 2011
Model: U009M1QT (LF)
(PC)
Size: 2 inch
Orientation: Horizontal -
Vertical Down
w/ Watts FBV(E),
Kennedy Ken Seal II OSY
Issued: 2/5/1987
Amended: 2/21/2006,
5/19/2008

Revision: 2011
Model: U009M2AQT (LF)
(PC)
Size: 2 inch
Orientation: Horizontal -
Vertical Down
w/ Watts FBV(E),
Kennedy Ken Seal II OSY
Issued: 2/5/1987
Amended: 2/21/2006,
5/19/2008

Revision: 2011
Model: U009M2AQT (LF,
PC)
Size: 1 inch
Orientation: Horizontal -
Vertical Down
w/ Watts FBV(E),
Kennedy Ken Seal II OSY
Issued: 2/5/1987
Amended: 2/21/2006,
5/19/2008

Revision: 2011
Model: U009M2AQT (LF,
PC)
Size: 1 inch
Orientation: Horizontal -
Vertical Down
w/ Watts FBV(E),
Kennedy Ken Seal II OSY
Issued: 2/5/1987
Amended: 2/21/2006,
5/19/2008

Revision: 2011
Model: U009M2QT
Size: 2 inch
Orientation: Horizontal -
Vertical Down
w/ Watts FBV(E),
Kennedy Ken Seal II OSY
Issued: 2/5/1987
Amended: 2/21/2006,
5/19/2008

Revision: 2011
Model: U009M2QT (LF,
PC)
Size: 1 inch
Orientation: Vertical
Down - Vertical Up
w/Watts FBV(E)
Issued: 2/5/1987

Revision: 2011
Model:
U009M2QT(LF)(PC)
Size: 1-1/2 inch
Orientation: Horizontal -
Vertical Down
w/Watts FBV & (FBV-E)-
QT
Issued: 2/5/1987

Revision: 2011
Model: U009QT(LF)(PC)
Size: 1 inch
Orientation: Horizontal -
Vertical Down
w/Watts FBV(E)
Issued: 2/5/1987
Amended: 2/21/2006,
5/19/2008

Revision: 2011
Model: U009QT(LF)(PC)
Size: 1-1/2 inch
Orientation: Horizontal -
Vertical Down
w/Watts FBV(E),
Kennedy Ken Seal II OSY
Issued: 2/5/1987
Amended: 2/21/2006,
5/19/2008

Revision: 2011
Model: U009QT(LF)(PC)
Size: 1-1/4 inch
Orientation: Horizontal -
Vertical Down
w/Watts FBV(E)
Issued: 2/5/1987
Amended: 2/21/2006,
5/19/2008

Revision: 2011
Model: U009QT(LF)(PC)
Size: 3/4 inch
Orientation: Horizontal -
Vertical Down
w/Watts FBV(E)
Issued: 2/5/1987
Amended: 2/21/2006,
5/19/2008

Revision: 2011
Model: U919-AQT-R10
(LF-U919-AQT-R10)
Size: 1/2 inch
Vertical Up/down w/
Watts FBV(E)
Issued: 9/11/2003

Revision: 2011
Model: U919-AQT-R10
(LF-U919-AQT-R10)
Size: 3/4 inch
Vertical Up/down w/
Watts FBV(E)
Issued: 9/11/2003

Wilkins / A Division of Zurn

Revision: 2011
Model: 375AST &
375ASTR
Size: 10"
Orientation: Horizontal
w/ Wilkins 48 gate
valves, Wilkins 49
butterfly valves, Victaulic
702, Clow 2638/39/40
Issued: 1/16/2012
Amended: 8/13/2012,
8/20/2012

Revision: 2011
Model: 375AST &
375ASTR
Size: 2 1/2"
Orientation: Horizontal
w/ Victaulic 702, Wilkins
Model 48, Wilkins Model
49 and Clow 2638
Issued: 2/3/2011
Amended: 8/13/2012,
8/20/2012

Revision: 2011
Model: 375AST &
375ASTR
Size: 3"
Orientation: Horizontal
w/ Victaulic 702, Wilkins
Model 48, Wilkins Model
49 and Clow 2638
Issued: 2/3/2011
Amended: 8/13/2012,
8/20/2012

Revision: 2011
Model: 375AST &
375ASTR
Size: 4"
Orientation: Horizontal
w/ Victaulic 702, Wilkins
Model 48, Wilkins Model
49 and Clow 2638
Issued: 2/3/2011
Amended: 8/13/2012,
8/20/2012

Revision: 2011
Model: 375AST &
375ASTR
Size: 6"
Orientation: Horizontal
w/ Victaulic 702, Wilkins
Model 48, Wilkins Model
49 and Clow 2638
Issued: 2/3/2011
Amended: 8/13/2012,
8/20/2012

Revision: 2011
Model: 375AST &
375ASTR
Size: 8"
Orientation: Horizontal
w/ Wilkins 48 gate
valves, Wilkins 49
butterfly valves, Victaulic
702, Clow 2638/39/40
Issued: 1/16/2012
Amended: 8/13/2012,
8/20/2012

Revision: 2011
Model: 475ST / 475STR
Size: 10"
Orientation: Vertical Up
- Vertical Down
RP, VUVU and VUVD
Issued: 2/3/2011

Revision: 2011
Model: 475ST / 475STR
Size: 4"
Orientation: Vertical Up
- Vertical Down
RP, VUVU and VUVD
Issued: 2/3/2011

Revision: 2011
Model: 475ST / 475STR
Size: 6"
Orientation: Vertical Up
- Vertical Down
RP, VUVU and VUVD
Issued: 2/3/2011

Revision: 2011
Model: 475ST / 475STR
Size: 8"
Orientation: Vertical Up
- Vertical Down
RP, VUVU and VUVD
Issued: 2/3/2011

Revision: 2005
Model: 375
Size: 1/2 inch
Horizontal w/ Wilkins
371-48AXL & 371-48BXL
Issued: 1/5/2000
Amended: 1/22/2015

Revision: 2005
Model: 375
Size: 10 inch
Horizontal w/ Wilkins
Model 48 Gate Valve,
Clow R/W F6136 Gate
Valve, Wilkins 49
Butterfly Valve
Issued: 1/5/2000
Amended: 4/29/2008,
11/4/2008

Revision: 2005
Model: 375
Size: 2-1/2 inch
Orientation: Horizontal
w/ Wilkins Model 48
Gate Valve, Clow R/W
F6136 Gate Valve

Issued: 1/5/2000
Amended: 4/29/2008,
11/4/2008

Revision: 2005
Model: 375
Size: 3 inch
Orientation: Horizontal
w/ Wilkins Model 48
Gate Valve, Clow R/W
F6136 Gate Valve
Issued: 1/5/2000
Amended: 4/29/2008,
11/4/2008

Revision: 2005
Model: 375
Size: 4 inch
Horizontal w/ Wilkins
Model 48 Gate Valve,
Clow R/W F6136 Gate
Valve, Wilkins 49
Butterfly Valve
Issued: 1/5/2000
Amended: 4/29/2008,
11/4/2008, 1/25/2010

Revision: 2005
Model: 375
Size: 6 inch
Horizontal w/ Wilkins
Model 48 Gate Valve,
Clow R/W F6136 Gate
Valve, Wilkins 49
Butterfly Valve
Issued: 1/5/2000
Amended: 4/29/2008,
11/4/2008, 1/25/2010

Revision: 2005
Model: 375
Size: 8 inch
Horizontal w/ Wilkins
Model 48 Gate Valve,
Clow R/W F6136 Gate
Valve, Wilkins 49
Butterfly Valve
Issued: 1/5/2000
Amended: 4/29/2008,
11/4/2008, 1/25/2010

Revision: 2005
Model: 375 & 375XL
Size: 1 1/2 inch
Orientation: Horizontal
(shut-offs are an integral
part of the device)
Issued: 1/5/2000
Amended: 4/29/2008,
11/4/2008, 8/20/2012,
1/22/2015

Revision: 2005
Model: 375 & 375XL
Size: 1 1/4 inch
Orientation: Horizontal
(shut-offs are an integral
part of the device)
Issued: 1/5/2000
Amended: 4/29/2008,
11/4/2008, 8/20/2012,
1/22/2015

Revision: 2005
Model: 375 & 375XL
Size: 1 inch
Orientation: Horizontal
(shut-offs are an integral
part of the device)
Issued: 1/5/2000
Amended: 4/29/2008,
11/4/2008, 8/20/2012,
1/22/2015

Revision: 2005
Model: 375 & 375XL
Size: 2 inch
Orientation: Horizontal
(shut-offs are an integral
part of the device)
Issued: 1/5/2000
Amended: 4/29/2008,
11/4/2008, 8/20/2012,
1/22/2015

Revision: 2005
Model: 375 & 375XL
Size: 3/4 inch
Orientation: Horizontal
(shut-offs are an integral
part of device)
Issued: 1/5/2000
Amended: 4/29/2008,
11/4/2008, 8/20/2012

Revision: 2005
Model: 375A & 375AR
Size: 10 inch
Orientation: Horizontal
w/ Wilkins Model 48
Gate Valve, Clow R/W
F6136 Gate Valve,
Victaulic 702 Butterfly
Valves, Wilkins 49
Butterfly Valve

Issued: 1/5/2000
Amended: 4/29/2008,
11/4/2008, 1/25/2010,
8/2/2010, 8/20/2012

Revision: 2005
Model: 375A & 375AR
Size: 2 1/2 inch
Orientation: Horizontal
w/ Wilkins Model 48
Gate Valve, Clow R/W
F6136 Gate Valve,
Victaulic 702 Butterfly
Valves, Wilkins 49
Butterfly Valve
Issued: 1/5/2000
Amended: 4/29/2008,
11/4/2008, 1/25/2010,
8/20/2012

Revision: 2005
Model: 375A & 375AR
Size: 3 inch
Orientation: Horizontal
w/ Wilkins Model 48
Gate Valve, Clow R/W
F6136 Gate Valve,
Victaulic 702 Butterfly
Valves, Wilkins 49
Butterfly Valve
Issued: 1/5/2000
Amended: 4/29/2008,
11/4/2008, 1/25/2010,
8/20/2012

Revision: 2005
Model: 375A & 375AR
Size: 4 inch
Orientation: Horizontal
w/ Wilkins Model 48
Gate Valve, Clow R/W
F6136 Gate Valve,
Victaulic 702 Butterfly
Valves, Wilkins 49
Butterfly Valve
Issued: 1/5/2000
Amended: 4/29/2008,
11/4/2008, 1/25/2010,
8/20/2012

Revision: 2005
Model: 375A & 375AR
Size: 6 inch
Orientation: Horizontal
375A w/ Wilkins Model
48 Gate Valve, Clow R/W
F6136 Gate Valve,
Victaulic 702 Butterfly
Valves
375Ar w/ Wilkins Model
48 Gate Valve, Clow R/W
F6136 Gate Valve,
Victaulic 702 Butterfly
Valves, Wilkins 49
Butterfly Valve
Issued: 1/5/2000
Amended: 4/29/2008,
11/4/2008, 1/25/2010,
8/20/2012

Revision: 2005
Model: 375A & 375AR
Size: 8 inch
Orientation: Horizontal
w/ Wilkins Model 48
Gate Valve, Clow R/W
F6136 Gate Valve,
Victaulic 702 Butterfly
Valves, Wilkins 49
Butterfly Valve
Issued: 1/5/2000
Amended: 4/29/2008,
11/4/2008, 1/25/2010,
8/20/2012

Revision: 2005
Model: 375MS
Size: 4 inch
Horizontal w/ Wilkins
Model 48 Gate Valve,
Clow R/W F6136 Gate
Valve, Wilkins 49
Butterfly Valve
Issued: 1/5/2000
Amended: 11/4/2008,
1/25/2010

Revision: 2005
Model: 375MS
Size: 6 inch
Horizontal w/ Wilkins
Model 48 Gate Valve,
Clow R/W F6136 Gate
Valve, Wilkins 49
Butterfly Valve
Issued: 1/5/2000
Amended: 4/29/2008,
11/4/2008, 1/25/2010

Revision: 2005
Model: 375MS
Size: 8 inch
Horizontal w/ Wilkins
Model 48 Gate Valve,
Clow R/W F6136 Gate
Valve, Wilkins 49
Butterfly Valve
Issued: 1/5/2000
Amended: 4/29/2008,
11/4/2008, 1/25/2010

Revision: 2005
Model: 375MS &
375AMS
Size: 2-1/2 inch
Orientation: Horizontal
375MS w/ Wilkins Model
48 Gate Valve, Clow R/W
F6136 Gate Valve
375AMS w/ Wilkins
Model 48 Gate Valve,
Clow R/W 2638/39/40
Gate Valve, Victaulic 702
Butterfly Valves, Wilkins
49 Butterfly Valve
Issued: 1/5/2000
Amended: 4/29/2008,
11/4/2008, 8/20/2012

Revision: 2005
Model: 375MS &
375AMS
Size: 3 inch
Orientation: Horizontal
375MS w/ Wilkins Model
48 Gate Valve, Clow R/W
F6136 Gate Valve
375AMS w/ Wilkins
Model 48 Gate Valve,
Clow R/W 2638/39/40
Gate Valve, Victaulic 702
Butterfly Valves, Wilkins
49 Butterfly Valve
Issued: 1/5/2000
Amended: 4/29/2008,
11/4/2008, 8/20/2012

Revision: 2005
Model: 375ST
Size: 1"
Horizontal w/ Wilkins
373-48ASS & 373-48BSS
Issued: 1/5/2000
Amended: 2/17/2009,
1/23/2015

Revision: 2005
Model: 375ST
Size: 1/2"
Horizontal w/ Wilkins
371-48ASS & 371-48BSS
Issued: 1/5/2000
Amended: 2/17/2009,
1/23/2015

Revision: 2005
Model: 375ST
Size: 3/4"
Horizontal w/ Wilkins
372-48ASS & 372-48BSS
Issued: 1/5/2000
Amended: 2/17/2009,
1/23/2015

Revision: 2005
Model: 375XL
Size: 1/2"
Horizontal w/ Wilkins
371-48AXL & 371-48BXL
Issued: 1/5/2000
Amended: 4/29/2008,
11/4/2008, 1/23/2015

Revision: 2005
Model: 375XL
Size: 3/4 inch
Horizontal (shut-offs are
an integral part of the
device)
Issued: 1/5/2000
Amended: 4/29/2008,
11/4/2008, 1/23/2015

Revision: 2005
Model: 475
Size: 10"
Vertical Up-Vertical
Down w/ Wilkins Model
48 Gate Valve, Victaulic
702 Butterfly Valves or
Clow R/W model
2638/39/40 Gate Valve,
Wilkins 49 Butterfly
Valve

Issued: 8/28/2001
Amended: 10/23/2007,
11/4/2008, 1/25/2010

Revision: 2005
Model: 475 & 475MS
Size: 2-1/2"
Orientation: Vertical Up
- Vertical Down
w/ Wilkins Model 48
Gate Valve, Victaulic 702
Butterfly Valves or Clow
R/W model 2368/39/40
Gate Valve

Issued: 8/28/2001
Amended: 10/23/2007,
11/4/2008, 8/20/2012

Revision: 2005
Model: 475 & 475MS
Size: 3"
Orientation: Vertical Up
- Vertical Down
w/ Wilkins Model 48
Gate Valve, Victaulic 702
Butterfly Valves or Clow
Gate Valve

Revision: 2005
Model: 975XLBMS & 975XL2BMS
Size: 3/4"
Orientation: Horizontal
975XLBMS w/ Wilkins 850 & 850T
975XL2BMS w/ Wilkins 850XL & 850TXL
Issued: 1/3/1994
Amended: 10/23/2007, 10/23/2007, 11/4/2008, 8/20/2012

Revision: 2005
Model: 975XLMS & 975XL2MS
Size: 1"
Orientation: Horizontal
975XLMS w/ Wilkins 850 & 850T
975XL2MS w/ Wilkins 850XL & 850TXL
Issued: 1/3/1994
Amended: 10/23/2007, 10/23/2007, 11/4/2008, 8/20/2012

Revision: 2005
Model: 975XLMS & 975XL2MS
Size: 1-1/2"
Orientation: Horizontal
975XLMS w/ Wilkins 850 & 850T
975XL2MS w/ Wilkins 850XL & 850TXL
Issued: 1/3/1994
Amended: 10/23/2007, 10/23/2007, 11/4/2008, 8/20/2012

Revision: 2005
Model: 975XLMS & 975XL2MS
Size: 1-1/4"
Orientation: Horizontal
975XLMS w/ Wilkins 850 & 850T
975XL2MS w/ Wilkins 850XL & 850TXL
Issued: 1/3/1994
Amended: 10/23/2007, 10/23/2007, 11/4/2008, 8/20/2012

Revision: 2005
Model: 975XLMS & 975XL2MS
Size: 2"
Orientation: Horizontal
975XLMS w/ Wilkins 850 & 850T
975XL2MS w/ Wilkins 850XL & 850TXL
Issued: 1/3/1994
Amended: 10/23/2007, 10/23/2007, 11/4/2008, 8/20/2012

Revision: 2005
Model: 975XLMS & 975XL2MS
Size: 3/4"
Orientation: Horizontal
975XLMS w/ Wilkins 850 & 850T
975XL2MS w/ Wilkins 850XL & 850TXL
Issued: 1/3/1994
Amended: 10/23/2007, 10/23/2007, 11/4/2008, 8/20/2012

Revision: 2005
Model: 975XLSE
Size: 1 1/2"
Horizontal & Vertical up and down w/ Wilkins 600 WOG shut off
Issued: 1/3/1994
Amended: 10/23/2007, 10/23/2007, 11/4/2008, 8/20/2012

Revision: 2005
Model: 975XLSE
Size: 1 1/4"
Horizontal, Vertical up & down w/ Wilkins 600 WOG shut off
Issued: 1/3/1994
Amended: 10/23/2007, 10/23/2007, 11/4/2008, 8/20/2012

Revision: 2005
Model: 975XLSE
Size: 2"
Horizontal, Vertical Up & Down w/ Wilkins 600 WOG shut off
Issued: 1/3/1994
Amended: 10/23/2007, 10/23/2007, 11/4/2008, 8/20/2012

Revision: 2005
Model: 975XLSEU & 975XL2SEU
Size: 1 1/2"
Orientation: Vertical Up - Vertical Down
975XLSEU w/ Fortune Series 620U Ball Valves
975XL2SEU w/ Wilkins 850UXL & 850TUXL
Issued: 1/3/1994
Amended: 10/23/2007, 10/23/2007, 11/4/2008, 8/20/2012

Revision: 2005
Model: 975XLSEU & 975XL2SEU
Size: 1 1/4"
Orientation: Vertical Up - Vertical Down
975XLSEU w/ Fortune Series 620U Ball Valves
975XL2SEU w/ Wilkins 850UXL & 850TUXL
Issued: 1/3/1994
Amended: 10/23/2007, 10/23/2007, 11/4/2008, 8/20/2012

Revision: 2005
Model: 975XLSEU & 975XL2SEU
Size: 2"
Orientation: Vertical Up - Vertical Down
975XLSEU w/ Fortune Series 620U Ball Valves
975XL2SEU w/ Wilkins 850UXL & 850TUXL
Issued: 1/3/1994
Amended: 10/23/2007, 10/23/2007, 11/4/2008, 8/20/2012

Revision: 2005
Model: 975XLST
Size: 1/2"
Horizontal w/ Wilkins 850 shut off
Issued: 1/3/1994
Amended: 10/23/2007, 10/23/2007, 11/4/2008, 8/20/2012

Revision: 2005
Model: 975XLST
Size: 3/8"
Horizontal w/ Wilkins 850 shut off
Issued: 1/3/1994
Amended: 10/23/2007, 10/23/2007, 11/4/2008, 8/20/2012

Revision: 2005
Model: 975XLU & 975XL2U
Size: 1"
Orientation: Horizontal
975XLU w/ Wilkins 850U & 850TU
975XL2U w/ Wilkins 850UXL & 850TUXL
Issued: 1/3/1994
Amended: 10/23/2007, 10/23/2007, 11/4/2008, 8/20/2012

Revision: 2005
Model: 975XLU & 975XL2U
Size: 1-1/2"
Orientation: Horizontal
975XLU w/ Wilkins 850U & 850TU
975XL2U w/ Wilkins 850UXL & 850TUXL
Issued: 1/3/1994
Amended: 10/23/2007, 10/23/2007, 11/4/2008, 8/20/2012

Revision: 2005
Model: 975XLU & 975XL2U
Size: 2"
Orientation: Horizontal
975XLU w/ Wilkins 850U & 850TU
975XL2U w/ Wilkins 850UXL & 850TUXL
Issued: 1/3/1994
Amended: 10/23/2007, 10/23/2007, 11/4/2008, 8/20/2012

Revision: 2005
Model: 975XLU & 975XL2U
Size: 3/4"
Orientation: Horizontal
975XLU w/ Wilkins 850U & 850TU
975XL2U w/ Wilkins 850UXL & 850TUXL
Issued: 1/3/1994
Amended: 10/23/2007, 10/23/2007, 11/4/2008, 8/20/2012

Revision: 2005
Model: 975XLV & 975XL2V
Size: 1"
Orientation: Horizontal
975XLV w/ Wilkins 850 & 850T
975XL2V w/ Wilkins 850XL & 850TXL
Issued: 1/3/1994
Amended: 10/23/2007, 10/23/2007, 11/4/2008, 8/20/2012

Revision: 2005
Model: 975XLV & 975XL2V
Size: 3/4"
Orientation: Horizontal
975XLV w/ Wilkins 850 & 850T
975XL2V w/ Wilkins 850XL & 850TXL
Issued: 1/3/1994
Amended: 10/23/2007, 10/23/2007, 11/4/2008, 8/20/2012

STANDARD #ASSE 1014
Backflow Prevention Devices for Hand-Held Shower ASSE-2005

Zurn Industries, Inc.
Revision: 2005
Model: Z7000VB
Size: 1/2" NPSM
Issued: 12/5/2008

STANDARD #ASSE 1015
Double Check Backflow Prevention Assemblies and Double Check Fire Protection Backflow Prevention Assemblies ASSE-2011

AMES Fire & Waterworks, a Watts Regulator Company
Revision: 2011
Model: 2000B & (LF) 2000B
Size: 3/4 inch
Horizontal, Vertical Up and Vertical Down w/

KeyGuard SOV, Ames FBV & FBV-E
Issued: 8/1/1997
Amended: 10/28/2008, 10/28/2008, 7/11/2012

Revision: 2011
Model: 2000B M3
Size: 3/4 inch
Orientation: Horizontal - Vertical Up
w/KeyGuard SOV
Issued: 4/20/1999
Amended: 4/4/2006

Revision: 2011
Model: 2000B M3 & (LF)2000B M3
Size: 3/4 inch
Horizontal - Vertical Up w/ KeyGuard SOV
Issued: 8/1/1997
Amended: 10/28/2008, 10/28/2008, 7/11/2012

Revision: 2011
Model: 2000B(LF) & (LF)2000B
Size: 1 1/2 inch
Horizontal, Vertical Up w/Watts Figure FBV, FBV-E (QT), KeyGuard SOV
Issued: 8/1/1997
Amended: 10/28/2008, 10/28/2008, 7/11/2012

Revision: 2011
Model: 2000B(LF) & (LF)2000B
Size: 1 1/4 inch
Horizontal, Vertical Up, Vertical Down w/ Watts FBV & FBV(E), Watts 6080 (6080-E)-QT, KeyGuard SOV
Issued: 4/6/2006
Amended: 10/28/2008, 10/28/2008, 7/11/2012

Revision: 2011
Model: 2000B(LF) & (LF)2000B
Size: 1 inch
Horizontal & Vertical Up w/Watts figure FBV, FBV-E (QT), KeyGuard SOV
Issued: 8/1/1997
Amended: 10/28/2008, 10/28/2008, 7/11/2012

Revision: 2011
Model: 2000B(LF) & (LF)2000B
Size: 1/2 inch
Orientation: Horizontal - Vertical Up
w/ Watts FBV & FBV(E)-QT, Watt Series 6080 & (6080-E)-QT, KeyGuard SOV
Issued: 4/6/2006
Amended: 10/28/2008, 10/28/2008, 7/11/2012

Revision: 2011
Model: 2000B(LF) & (LF)2000B
Size: 2 inch
Horizontal - Vertical Up
w/Watts Figure FBV, FBV-E (QT), KeyGuard SOV
Issued: 8/1/1997
Amended: 10/28/2008, 10/28/2008, 7/11/2012

Revision: 2011
Model: 2000B-FP & (LF)2000B-FP
Size: 1 1/2 inch
Horizontal & Vertical Up
Issued: 2/27/2009
Amended: 7/11/2012

Revision: 2011
Model: 2000B-FP & (LF)2000B-FP
Size: 1 1/4 inch
Horizontal & Vertical Up
Issued: 2/27/2009
Amended: 7/11/2012

Revision: 2011
Model: 2000B-FP & (LF)2000B-FP
Size: 1 inch
Horizontal & Vertical Up
Issued: 2/27/2009
Amended: 7/11/2012

Revision: 2011
Model: 2000B-FP & (LF)2000B-FP
Size: 2 inch
Horizontal & Vertical Up
Issued: 2/27/2009
Amended: 7/11/2012

Revision: 2011
Model: 2000B-FP & (LF)2000B-FP
Size: 3/4 inch
Horizontal & Vertical Up
Issued: 2/27/2009
Amended: 7/11/2012

Revision: 2011
Model: 2000BM3-FP & (LF)2000BM3 -FP
Size: 3/4 inch
Horizontal & Vertical Up
Issued: 2/27/2009
Amended: 7/11/2012

Revision: 2011
Model: 2000SS (2000SS-RS)
Size: 10 inch
Orientation: Horizontal - Vertical Up
w/ Kennedy KW and RW, Watts Regulator 405, 409 RW OS & Y
Issued: 12/13/1994
Amended: 7/1/2002

Revision: 2011
Model: 2000SS (2000SS-RS)
Size: 12 inch
Orientation: Horizontal - Vertical Up
w/ Kennedy KW and RW, Watts Regulator 405, 409 RW OS & Y
Issued: 12/13/1994
Amended: 7/1/2002

Revision: 2011
Model: 2000SS (2000SS-RS)
Size: 2-1/2 inch
Orientation: Horizontal - Vertical Up
w/AVK, Kennedy KW and RW, Watts Regulator 405, 409 RW OS & Y
Issued: 12/18/2013

Revision: 2011
Model: 2000SS (2000SS-RS)
Size: 3 inch
Orientation: Horizontal - Vertical Up
w/AVK, Kennedy KW and RW, Watts Regulator 405, 409 RW OS & Y
Issued: 12/18/2013

Revision: 2011
Model: 2000SS (2000SS-RS)
Size: 4 inch
Orientation: Horizontal - Vertical Up
w/ Kennedy KW and RW, Watts Regulator 405, 409 RW OS & Y
Issued: 12/18/2013
Amended: 6/6/2011, 8/15/2012

Revision: 2011
Model: 2000SS (2000SS-RS)
Size: 6 inch
Orientation: Horizontal - Vertical Up
w/ Kennedy KW and RW, Watts Regulator 405, 409 RW OS & Y
Issued: 12/18/2013

Revision: 2011
Model: 2000SS (2000SS-RS)
Size: 8 inch
Orientation: Horizontal - Vertical Up
w/ Kennedy KW and RW, Watts Regulator 405, 409 RW OS & Y
Issued: 12/13/1994
Amended: 7/1/2002

Revision: 2011
Model: Colt 200 & Colt 200N
Size: 10 inch
Orientation: Horizontal w/Watts Regulator 409 RW OS & Y & Vertical up

w/Clow
F6104/05/37/38/36/02; Kennedy 7592/93/61 & 7092/93/68; Union GV12; Victaulic 702, Hunter BFV, Watts Regulator 409 RW OS & Y
Issued: 11/12/2001
Amended: 10/1/2002, 2/1/2003

Revision: 2011
Model: Colt 200 & Colt 200N
Size: 2-1/2 inch
Orientation: Horizontal - Vertical Up
w/Clow
F6104/05/37/38/36/02; Kennedy 7592/93/61 & 7092/93/68; Union GV12; Victaulic 702, Hunter BFV, Watts Regulator 409 RW OS & Y
Issued: 11/12/2001
Amended: 10/1/2002, 2/1/2003

Revision: 2011
Model: Colt 200 & Colt 200N
Size: 3 inch
Orientation: Horizontal - Vertical Up
w/Clow
F6104/05/37/38/36/02; Kennedy 7592/93/61 & 7092/93/68; Union GV12; Victaulic 702, Hunter BFV, Watts Regulator 409 RW OS & Y
Issued: 11/12/2001
Amended: 10/1/2002, 2/1/2003

Revision: 2011
Model: Colt 200 & Colt 200N
Size: 4 inch
Orientation: Horizontal - Vertical Up
w/Clow
F6104/05/37/38/36/02; Kennedy 7592/93/61 & 7092/93/68; Union GV12; Victaulic 702, Hunter BFV, Watts Regulator 409 RW OS & Y
Issued: 11/12/2001
Amended: 10/1/2002, 2/1/2003

Revision: 2011
Model: Colt 200 & Colt 200N
Size: 6 inch
Orientation: Horizontal - Vertical Up
w/Clow
F6104/05/37/38/36/02; Kennedy 7592/93/61 & 7092/93/68; Union GV12; Victaulic 702,

Hunter BFV, Watts Regulator 409 RW OS & Y
Issued: 11/12/2001
Amended: 10/1/2002, 2/1/2003

Revision: 2011
Model: Colt 200 & Colt 200N
Size: 8 inch
Orientation: Horizontal - Vertical Up
w/Clow
F6104/05/37/38/36/02; Kennedy 7592/93/61 & 7092/93/68; Union GV12; Victaulic 702, Hunter BFV, Watts Regulator 409 RW OS & Y
Issued: 11/12/2001
Amended: 10/1/2002, 2/1/2003

Revision: 2011
Model: Colt 200a & Colt 200Na
Size: 2-1/2 inch
Orientation: Horizontal - Vertical Up
w/Clow
F6104/05/37/38/36/02; Kennedy 7592/93/61 & 7092/93/68; Union GV12; Victaulic 702, Hunter BFV, Watts Regulator 409 RW OS & Y
Issued: 11/12/2001
Amended: 10/1/2002, 2/1/2003

Revision: 2011
Model: Colt 200a & Colt 200Na
Size: 3 inch
Orientation: Horizontal - Vertical Up
w/Clow
F6104/05/37/38/36/02; Kennedy 7592/93/61 & 7092/93/68; Union GV12; Victaulic 702, Hunter BFV, Watts Regulator 409 RW OS & Y
Issued: 11/12/2001
Amended: 10/1/2002, 2/1/2003

Revision: 2011
Model: Colt 200a & Colt 200Na
Size: 4 inch
Orientation: Horizontal - Vertical Up
w/Clow
F6104/05/37/38/36/02; Kennedy 7592/93/61 & 7092/93/68; Union GV12; Victaulic 702, Hunter BFV, Watts Regulator 409 RW OS & Y
Issued: 11/12/2001
Amended: 10/1/2002, 2/1/2003

Revision: 2011
Model: Colt 200a & Colt 200Na
Size: 6 inch
Orientation: Horizontal - Vertical Up
w/Clow
F6104/05/37/38/36/02; Kennedy 7592/93/61 & 7092/93/68; Union GV12; Victaulic 702, Hunter BFV, Watts Regulator 409 RW OS & Y
Issued: 11/12/2001
Amended: 10/1/2002, 2/1/2003

Revision: 2011
Model: EZDC & EZDCn
Size: 2-1/2 inch
Orientation: Horizontal - Vertical Up
w/Hunter Ball Valves BV 2-1/2,3,4,6,; Clow F6104/05//37/.38/36/02 ; Kennedy 7592/93/61 & 7092/93/68, Watts Regulator 409 RW OS & Y
Issued: 11/12/2001
Amended: 10/1/2002, 2/1/2003

Revision: 2011
Model: EZDC & EZDCn
Size: 3 inch
Orientation: Horizontal - Vertical Up
w/Hunter Ball Valves BV 2-1/2,3,4,6,; Clow F6104/05//37/.38/36/02 ; Kennedy 7592/93/61 & 7092/93/68, Watts Regulator 409 RW OS & Y
Issued: 11/12/2001
Amended: 10/1/2002, 2/1/2003

Revision: 2011
Model: EZDC & EZDCn
Size: 4 inch
Orientation: Horizontal - Vertical Up
w/Hunter Ball Valves BV 2-1/2,3,4,6,; Clow F6104/05//37/.38/36/02 ; Kennedy 7592/93/61 & 7092/93/68, Watts Regulator 409 RW OS & Y
Issued: 11/12/2001
Amended: 10/1/2002, 2/1/2003

7092/93/68, Watts
Regulator 409 RW OS &
Y
Issued: 11/12/2001
Amended: 10/1/2002,
2/1/2003

Revision: 2011
Model: EZDCa & EZDCna
Size: 2-1/2 inch
Orientation: Horizontal -
Vertical Up
w/Hunter Ball Valves BV
2-1/2,3,4,6,; Clow
F6104/05//37/.38/36/02
; Kennedy 7592/93/61 &
7092/93/68, Watts
Regulator 409 RW OS &
Y
Issued: 11/12/2001
Amended: 10/1/2002,
2/1/2003

Revision: 2011
Model: EZDCa & EZDCna
Size: 3 inch
Orientation: Horizontal -
Vertical Up
w/Hunter Ball Valves BV
2-1/2,3,4,6,; Clow
F6104/05//37/.38/36/02
; Kennedy 7592/93/61 &
7092/93/68, Watts
Regulator 409 RW OS &
Y
Issued: 11/12/2001
Amended: 10/1/2002,
2/1/2003

Revision: 2011
Model: EZDCa & EZDCna
Size: 4 inch
Orientation: Horizontal -
Vertical Up
w/Hunter Ball Valves BV
2-1/2,3,4,6,; Clow
F6104/05//37/.38/36/02
; Kennedy 7592/93/61 &
7092/93/68, Watts
Regulator 409 RW OS &
Y
Issued: 11/12/2001
Amended: 10/1/2002,
2/1/2003

Revision: 2011
Model: Maxim 200 &
Maxim 200N
Size: 10 inch
Orientation: Horizontal -
Vertical Up
w/Clow
F6104/05/37/38/36/02;
Kennedy 7592/93/61 &
7092/93/68; Union
GV12; Victaulic 702,
Hunter BFV, Watts
Regulator 409 RW OS &
Y
Issued: 11/12/2001
Amended: 10/1/2002,
2/1/2003

Revision: 2011
Model: Maxim 200 &
Maxim 200N
Size: 2-1/2 inch
Orientation: Horizontal -
Vertical Up
w/Clow
F6104/05/37/38/36/02;
Kennedy 7592/93/61 &
7092/93/68; Union
GV12; Victaulic 702,
Hunter BFV, Watts
Regulator 409 RW OS &
Y
Issued: 11/12/2001
Amended: 10/1/2002,
2/1/2003

Revision: 2011
Model: Maxim 200 &
Maxim 200N
Size: 3 inch
Orientation: Horizontal -
Vertical Up
w/Clow
F6104/05/37/38/36/02;
Kennedy 7592/93/61 &
7092/93/68; Union
GV12; Victaulic 702,
Hunter BFV, Watts
Regulator 409 RW OS &
Y
Issued: 11/12/2001
Amended: 10/1/2002,
2/1/2003

Revision: 2011
Model: Maxim 200 &
Maxim 200N
Size: 4 inch
Orientation: Horizontal -
Vertical Up
w/Clow
F6104/05/37/38/36/02;
Kennedy 7592/93/61 &
7092/93/68; Union
GV12; Victaulic 702,
Hunter BFV, Watts
Regulator 409 RW OS &
Y
Issued: 11/12/2001
Amended: 10/1/2002,
2/1/2003

Revision: 2011
Model: Maxim 200 &
Maxim 200N
Size: 6 inch
Orientation: Horizontal -
Vertical Up
w/Clow
F6104/05/37/38/36/02;
Kennedy 7592/93/61 &
7092/93/68; Union
GV12; Victaulic 702,
Hunter BFV, Watts
Regulator 409 RW OS &
Y
Issued: 11/12/2001
Amended: 10/1/2002,
2/1/2003

Revision: 2011
Model: Maxim 200 &
Maxim 200N
Size: 8 inch
Orientation: Horizontal -
Vertical Up
w/Clow
F6104/05/37/38/36/02;
Kennedy 7592/93/61 &
7092/93/68; Union
GV12; Victaulic 702,
Hunter BFV, Watts
Regulator 409 RW OS &
Y
Issued: 11/12/2001
Amended: 10/1/2002,
2/1/2003

**Apollo Valves /
Conbraco Industries**
Revision: 2011
Model: DC4A
Size: 1 1/2"
Orientation: Horizontal -
Vertical Up
w/ 7B,77B, 77C, 91B,
91C,77S-XT Series ball
valves
Issued: 4/15/2008

Revision: 2011
Model: DC4A
Size: 1 1/4"
Orientation: Horizontal -
Vertical Up
w/ 7B,77B, 77C, 91B,
91C Series ball valves
Issued: 4/15/2008

Revision: 2011
Model: DC4A
Size: 1"
Orientation: Horizontal -
Vertical Up
w/ 7B,77B, 77C, 91B,
91C Series ball valves
Issued: 11/27/2007
Amended: 2/16/2008

Revision: 2011
Model: DC4A
Size: 1/2"
Orientation: Horizontal -
Vertical Up
w/ 7B,77B, 77C, 91B,
91C Series ball valves
Issued: 2/26/2008

Revision: 2011
Model: DC4A
Size: 2"
Orientation: Horizontal -
Vertical Up
w/ 7B,77B, 77C, 91B,
91C,77S-XT Series ball
valves
Issued: 11/27/2007
Amended: 2/16/2008

Revision: 2011
Model: DC4A
Size: 3/4"
Orientation: Horizontal -
Vertical Up
w/ 7B,77B, 77C, 91B,
91C Series ball valves
Issued: 11/27/2007
Amended: 2/16/2008

Revision: 2011
Model: DC4AN &
DCLF4AN
Size: 6"
Vertical Up/Down w/
Victaulic 702 Firelock
Butterfly Valves or
Kennedy KS-RW Gate
Valves or Apollo Model
GV gate valve
Issued: 5/24/1991
Amended: 6/19/2018

Revision: 2011
Model: DC4AN &
DCLF4AN
Size: 8"
Vertical Up/Down w/
Kennedy Model KS-RW
gate valve or Apollo
Model GV gate valve &
Victaulic Series 702
Firelock Butterfly Valves
Issued: 5/24/1991
Amended: 6/19/2018

Revision: 2011
Model: DC4AN &
DCLF4AN
Size: 10"
Orientation: Vertical Up
- Vertical Down
w/ Kennedy Model KS-
RW gate valve or Apollo
Model GV gate valve &
Victaulic Series 702
Firelock Butterfly Valves
Issued: 5/24/1991
Amended: 6/19/2018

Revision: 2011
Model: DC4AN &
DCLF4AN
Size: 12"
Orientation: Vertical Up
- Vertical Down
w/ Kennedy model KS-
RW gate valves
Issued: 5/24/1991
Amended: 6/19/2018

Revision: 2011
Model: DC4AN &
DCLF4AN
Size: 2 1/2"
Vertical Up/Down w/
Kennedy Model KS-RW
gate valve or Apollo
Model GV gate valve &
Victaulic Series 702
Firelock Butterfly Valves
Issued: 5/24/1991
Amended: 6/19/2018

Revision: 2011
Model: DC4AN &
DCLF4AN
Size: 3"
Vertical Up/Down w/
Kennedy Model KS-RW
gate valve or Apollo
Model GV gate valve &
Victaulic Series 702
Firelock Butterfly Valves
Issued: 5/24/1991
Amended: 6/19/2018

Revision: 2011
Model: DC4AN &
DCLF4AN
Size: 4"
Vertical up/Down w/
Kennedy Model KS-RW
gate valve or Apollo
Model GV gate valve &
Victaulic Series 702
Firelock Butterfly Valve
Issued: 5/24/1991
Amended: 6/19/2018

Revision: 2011
Model: DC4S
Size: 1/2"
Horizontal, Vertical
Down & Vertical Up w/
Apollo Series 7B Valve
QT
Issued: 4/20/1999
Amended: 1/20/2011

Revision: 2011
Model: DC4S
Size: 10"
Horizontal & Vertical Up
w/ Kennedy KS II or
Apollo Model GV gate
valve
Issued: 3/13/2001
Amended: 1/20/2011,
7/22/2015

Revision: 2011
Model: DC4S
Size: 2 1/2"
Horizontal - Vertical Up
w/ Kennedy KS II
Issued: 4/24/1997
Amended: 1/20/2011

Revision: 2011
Model: DC4S
Size: 3"
Horizontal - Vertical Up
w/ Kennedy KS II
Issued: 4/24/1997
Amended: 1/20/2011

Revision: 2011
Model: DC4S
Size: 4"
Horizontal - Vertical Up
w/ Kennedy KS II
Issued: 4/24/1997
Amended: 1/20/2011

Revision: 2011
Model: DC4S
Size: 6"
Horizontal - Vertical Up
w/ Kennedy KS II
Issued: 4/24/1997
Amended: 1/20/2011

Revision: 2011
Model: DC4S
Size: 8"
Horizontal - Vertical Up
w/ Kennedy KS II
Issued: 2/23/2000
Amended: 1/20/2011

Revision: 2011
Model: DC4SG
Size: 2 1/2"
Horizontal - Vertical Up -
w/ Victaulic Series 702
Butterfly Valve &
Kennedy KS II or Apollo
Model GV gate valve
Issued: 4/17/2007
Amended: 1/20/2011,
7/22/2015

Revision: 2011
Model: DC4SG
Size: 3"
Horizontal - Vertical Up -
w/ Victaulic Series 702
Butterfly Valve &
Kennedy KS II or Apollo
Model GV gate valve
Issued: 4/17/2007
Amended: 1/20/2011,
7/22/2015

Revision: 2011
Model: DC4SG
Size: 4"
Horizontal - Vertical Up -
w/ Victaulic Series 702
Butterfly Valve &
Kennedy KS II or Apollo
Model GV gate valve
Issued: 4/17/2007
Amended: 1/20/2011,
7/22/2015

Revision: 2011
Model: DC4SG
Size: 6"
Horizontal - Vertical Up -
w/ Victaulic Series 702
Butterfly Valve &
Kennedy KS II or Apollo
Model GV gate valve
Issued: 4/17/2007
Amended: 1/20/2011,
7/22/2015

Revision: 2011
Model: DC4SG
Size: 8"
Horizontal - Vertical Up -
w/ Victaulic Series 702
Butterfly Valve &
Kennedy KS II or Apollo
Model GV gate valve
Issued: 4/17/2007
Amended: 1/20/2011,
7/22/2015

Revision: 2011
Model: DC4S-N
Size: 10"
Horizontal & Vertical up
w/ Kennedy KS II & 90°
elbows
Issued: 3/13/2001
Amended: 1/20/2011

Revision: 2011
Model: DC4S-N
Size: 8"
Vertical Up/Vertical
Down w/ 90° elbows &
Kennedy KS II
Issued: 2/23/2000
Amended: 1/20/2011

Revision: 2011
Model: DCLF4A
Size: 1 1/2"
Orientation: Horizontal -
Vertical Up
w/ 77BLF, 77CLF, 91BLF,
91CLF, 77SLF-XT Series
ball valves
Issued: 4/15/2008
Amended: 5/7/2009,
5/28/2009

Revision: 2011
Model: DCLF4A
Size: 1 1/4"
Orientation: Horizontal -
Vertical Up
w/ 77BLF, 77CLF, 91BLF,
91CLF Series ball valves
Issued: 4/15/2008
Amended: 5/7/2009,
5/28/2009

Revision: 2011
Model: DCLF4A
Size: 1"
Orientation: Horizontal -
Vertical Up
w/ 77BLF, 77CLF, 91BLF,
91CLF Series ball valves
Issued: 2/16/2008
Amended: 5/7/2009,
5/28/2009

Revision: 2011
Model: DCLF4A
Size: 1/2"
Orientation: Horizontal -
Vertical Up
w/ 77BLF, 77CLF, 91BLF,
91CLF Series ball valves
Issued: 2/26/2008
Amended: 5/7/2009,
5/28/2009

Revision: 2011
Model: DCLF4A
Size: 10"
Orientation: Horizontal
w/ Kennedy Model KS-
RW gate valve or Apollo
Model GV gate valve &
Victaulic Series 702
Firelock Butterfly Valves
Issued: 5/24/1991
Amended: 6/19/2018

Revision: 2011
Model: DCLF4A
Size: 12"
Orientation: Horizontal
w/ Kennedy model KS-
RW gate valves
Issued: 5/24/1991
Amended: 6/19/2018

Revision: 2011
Model: DCLF4A
Size: 2 1/2"
Orientation: Horizontal -
Vertical Up
w/ Kennedy Model KS-
RW gate valve or Apollo
Model GV gate valve &
Victaulic Series 702
Firelock Butterfly Valves
Issued: 5/24/1991
Amended: 6/19/2018

Revision: 2011
Model: DCLF4A
Size: 2"
Orientation: Horizontal -
Vertical Up
w/ 77BLF, 77CLF, 91BLF,
91CLF, 77SLF-XT Series
ball valves
Issued: 2/16/2008
Amended: 5/7/2009,
5/28/2009

Revision: 2011
Model: DCLF4A
Size: 3"
Orientation: Horizontal -
Vertical Up
w/ Kennedy Model KS-
RW gate valve or Apollo
Model GV gate valve &
Victaulic Series 702
Firelock Butterfly Valves
Issued: 5/24/1991
Amended: 6/19/2018

Revision: 2011
Model: DCLF4A
Size: 3/4"
Orientation: Horizontal -
Vertical Up
w/ 77BLF, 77CLF, 91BLF,
91CLF Series ball valves
Issued: 2/16/2008
Amended: 5/7/2009,
5/28/2009

Revision: 2011
Model: DCLF4A
Size: 4"
Horizontal & Vertical Up
w/ Victaulic 702 Firelock
Butterfly Valves or
Kennedy KS-RW Gate
Valves or Apollo Model
GV gate valve
Issued: 5/24/1991
Amended: 6/19/2018

Revision: 2011
Model: DCLF4A
Size: 6"
Horizontal & Vertical Up
w/ Kennedy Model KS-
RW gate valve or Apollo
Model GV gate valve &

Victaulic Series 702
Firelock Butterfly Valves
Issued: 5/24/1991
Amended: 6/19/2018

Revision: 2011
Model: DCLF4A
Size: 8"
Horizontal & Vertical Up
w/ Kennedy Model KS-
RW gate valve or Apollo
Model GV gate valve &
Victaulic Series 702
Firelock Butterfly Valves
Issued: 5/24/1991
Amended: 6/19/2018

Revision: 2011
Model: DCLF4S
Size: 1/2"
Horizontal, Vertical
Down & Vertical Up w/
Apollo 77BLF/77CLF Ball
Valves
Issued: 3/16/2011

Revision: 2011
Model: DCLF4SG
Size: 2 1/2"
Horizontal - Vertical Up -
w/ Victaulic Series 702
Butterfly Valve &
Kennedy KS II or Apollo
Model GV gate valve
Issued: 5/24/1991
Amended: 7/22/2015

Revision: 2011
Model: DCLF4SG
Size: 3"
Horizontal - Vertical Up -
w/ Victaulic Series 702
Butterfly Valve &
Kennedy KS II or Apollo
Model GV gate valve
Issued: 5/24/1991
Amended: 7/22/2015

Revision: 2011
Model: DCLF4SG
Size: 4"
Horizontal - Vertical Up -
w/ Victaulic Series 702
Butterfly Valve &
Kennedy KS II or Apollo
Model GV gate valve
Issued: 5/24/1991
Amended: 7/22/2015

Revision: 2011
Model: DCLF4SG
Size: 6"
Horizontal - Vertical Up -
w/ Victaulic Series 702
Butterfly Valve &
Kennedy KS II or Apollo
Model GV gate valve
Issued: 5/24/1991
Amended: 7/22/2015

**ARI Flow Control
Accessories**
Revision: 2011
Model: DC 500, DC 501
Size: 1/2, 3/4, 1 inch
Orientation: Horizontal
w/ ARI HC262 Ball Valve;
ARI Plasson Nylon Ball
Valve
Issued: 3/14/2006
Amended: 6/20/2018,
8/6/2018

Revision: 2011
Model: DC 500, DC 501
Size: 1-1/4, 1-1/2, 2 inch
Orientation: Horizontal
w/ ARI HC262 Ball Valve;
ARI Plasson Nylon Ball
Valve
Issued: 3/14/2006
Amended: 6/20/2018,
8/6/2018

Backflow Direct, LLC
Revision: 2011
Model: Deringer 20[G] /
Magnum 20[G]
Size: 2 1/2"
Orientation: Horizontal -
Vertical Up
Integral SOVs-Deringer
with Tamper
Switches/Magnum
WITHOUT Tamper
Switches [G] Gate SOVs-
NRS/OS&Y
Issued: 1/23/2015
Amended: 5/29/2015,
4/13/2018

Revision: 2011
Model: Deringer 20[G] /
Magnum 20[G]
Size: 3"
Orientation: Horizontal -
Vertical Up
Integral SOVs-Deringer
with Tamper
Switches/Magnum
WITHOUT Tamper
Switches [G] Gate SOVs-
NRS/OS&Y
Issued: 1/23/2015
Amended: 4/13/2018

Revision: 2011
Model: Deringer 20[G] /
Magnum 20[G]
Size: 4"
Orientation: Horizontal -
Vertical Up
Integral SOVs-Deringer
with Tamper
Switches/Magnum
WITHOUT Tamper
Switches [G] Gate SOVs-
NRS/OS&Y
Issued: 1/23/2015
Amended: 4/13/2018

Revision: 2011
Model: Deringer 20[G] /
Magnum 20[G]
Size: 8"
Orientation: Horizontal -
Vertical Up
Integral SOVs-Deringer
with Tamper
Switches/Magnum
WITHOUT Tamper
Switches [G] Gate SOVs-
NRS/OS&Y
Issued: 3/17/2016
Amended: 4/13/2018,
11/28/2018

Revision: 2011
Model: Deringer 20[G]X
/ Magnum 20[G]X
Size: 6"
Orientation: Horizontal -
Vertical Up
Integral SOVs-Deringer
with Tamper
Switches/Magnum
WITHOUT Tamper
Switches [G] Gate SOVs-
NRS/OS&Y
Issued: 3/17/2016
Amended: 4/13/2018,
11/28/2018

Revision: 2011
Model: Deringer 30[G]
Size: 2 ½"
Orientation: Horizontal -
Vertical Up
Integral SOVs or [G]
NRS/OS&Y Gate SOVs
Includes Detector
Bypass.
Issued: 1/23/2015

Revision: 2011
Model: Deringer 30[G]
Size: 3"
Orientation: Horizontal -
Vertical Up
Integral SOVs or [G]
NRS/OS&Y Gate SOVs
Includes Detector
Bypass.
Issued: 1/23/2015

Revision: 2011
Model: Deringer 30[G]
Size: 4"
Orientation: Horizontal -
Vertical Up
Integral SOVs or [G]
NRS/OS&Y Gate SOVs
Includes Detector
Bypass.
Issued: 3/8/2016

Revision: 2011
Model: Deringer 30[G]
Size: 8"
Orientation: Horizontal -
Vertical Up
Integral SOVs or [G]
NRS/OS&Y Gate SOVs
Includes Detector
Bypass.
Issued: 1/23/2015
Amended: 12/12/2018

Revision: 2011
Model: Deringer 30[G]X
Size: 6"
Orientation: Horizontal -
Vertical Up
Integral SOVs or [G]
NRS/OS&Y Gate SOVs
Includes Detector
Bypass.
Issued: 1/23/2015
Amended: 12/12/2018

**BEECO (division of
MIFAB, Inc.)**
Revision: 2011
Model: FDC
Size: 1 1/2"
Horizontal & Vertical Up
w/ FDC ball valve - 1
1/2"
Issued: 2/17/2010
Amended: 5/9/2011,
8/15/2012

Revision: 2011
Model: FDC
Size: 1 1/4"
Horizontal & Vertical Up
w/ FDC ball valve - 1
1/4"
Issued: 2/17/2010
Amended: 5/9/2011,
8/15/2012

Revision: 2011
Model: FDC
Size: 1"
Horizontal & Vertical Up
w/ FDC ball valve - 1"
Issued: 2/17/2010
Amended: 5/9/2011,
8/15/2012

Revision: 2011
Model: FDC
Size: 2 1/2"
Orientation: Horizontal -
Vertical Up
w/ BEECO GV2.50 gate
valve
Issued: 2/17/2010
Amended: 7/31/2017

Revision: 2011
Model: FDC
Size: 2"
Horizontal & Vertical Up
w/ FDC ball valve - 2"
Issued: 2/17/2010
Amended: 5/9/2011,
8/15/2012

Revision: 2011
Model: FDC
Size: 3"
Orientation: Horizontal -
Vertical Up
w/ BEECO GV3.00 gate
valve
Issued: 2/17/2010
Amended: 7/31/2017

Revision: 2011
Model: FDC
Size: 3/4"
Horizontal & Vertical Up
w/ FDC ball valve - 3/4"
Issued: 2/17/2010
Amended: 5/9/2011,
8/15/2012

Revision: 2011
Model: FDC
Size: 4"
Orientation: Horizontal -
Vertical Up
w/ BEECO GV4.00 gate
valve
Issued: 2/17/2010
Amended: 7/31/2017

Revision: 2011
Model: FDC
Size: 6"
Orientation: Horizontal -
Vertical Up
w/ BEECO GV6.00 gate
valve
Issued: 2/17/2010

**FEBCO, a Watts
Regulator Company**
Revision: 2011
Model: 805Y & LF805Y
Size: 1 inch
Orientation: Horizontal
w/ Febco 622 BV-QT,
KeyGuard SOV
Issued: 7/8/1981
Amended: 3/4/2008,
10/28/2008, 7/11/2012

Revision: 2011
Model: 805Y & LF805Y
Size: 1-1/2 inch
Orientation: Horizontal
w/ Febco 622 BV-QT,
KeyGuard SOV
Issued: 7/8/1981
Amended: 3/4/2008,
10/28/2008, 7/11/2012

Revision: 2011
Model: 805Y & LF805Y
Size: 2 inch
Orientation: Horizontal
w/ Febco 622 BV-QT,
KeyGuard SOV
Issued: 7/8/1981
Amended: 3/4/2008,
10/28/2008, 7/11/2012

Revision: 2011
Model: 805Y & LF805Y
Size: 3/4 inch
Orientation: Horizontal
w/ Febco 622 BV-QT,
KeyGuard SOV
Issued: 7/8/1981
Amended: 3/4/2008,
10/28/2008, 7/11/2012

Revision: 2011
Model: 805YB &
LF805YB
Size: 3/4 inch
Orientation: Horizontal -
Vertical Up
w/ Febco 622 BV-QT,
KeyGuard SOV
Issued: 7/8/1981
Amended: 3/4/2008,
10/28/2008, 7/11/2012

Revision: 2011
Model: 850 & LF850
Size: 1 1/2 inch
Horizontal, Vertical Up &
down w/ FEBCO 621 &
509, KeyGuard SOV
Issued: 8/28/2016
Amended: 3/4/2008,
10/28/2008, 7/11/2012

Revision: 2011
Model: 850 & LF850
Size: 1 1/4 inch
Horizontal, Vertical Up &
down w/ FEBCO 621 &
509 Gate Valve,
KeyGuard SOV
Issued: 8/28/2016
Amended: 3/4/2008,
10/28/2008, 7/11/2012

Revision: 2011
Model: 850 & LF850
Size: 1 inch
Horizontal, Vertical Up &
down w/ FEBCO 621 &
509 Gate Valve,
KeyGuard SOV
Issued: 7/8/1981
Amended: 3/4/2008,
10/28/2008, 7/11/2012

Revision: 2011
Model: 850 & LF850
Size: 1/2 inch
Horizontal, Vertical Up &
Down w/ FEBCO 621 &
509 Gate Valve,
KeyGuard SOV
Issued: 7/8/1981
Amended: 3/4/2008,
10/28/2008, 7/11/2012

Revision: 2011
Model: 850 & LF850
Size: 2 inch
Horizontal, Vertical Up &
down w/ FEBCO 621 &
509 Gate Valve,
KeyGuard SOV
Issued: 7/8/1981
Amended: 3/4/2008,
10/28/2008, 7/11/2012

Revision: 2011
Model: 850 & LF850
Size: 3/4 inch
Horizontal, Vertical Up &
down w/ FEBCO 621 &
509 Gate valve,
KeyGuard SOV
Issued: 7/8/1981
Amended: 3/4/2008,
10/28/2008, 7/11/2012

Revision: 2011
Model: 850, LF850
Size: 10 inch
Orientation: Horizontal -
Vertical Up
w/ Kennedy KS II or
Kennedy flange by
groove OS&Y , Watts
405-RW NRS Series,
Watts 409 OSY Series,
Kennedy Series
7092ABF-OSY
LF option replaces
bronze internal
components with
stainless steel
Issued: 3/24/1992
Amended: 2/9/2006,
9/6/2012

Revision: 2011
Model: 850, LF850
Size: 2-1/2 inch
Orientation: Horizontal -
Vertical Up
H, VUVU w/ Kennedy KS
II or Kennedy flange by
groove OS&Y , Watts
405-RW NRS Series,
Watts 409 OSY Series,
Kennedy Series
7092ABF-OSY
LF option replaces
bronze internal
components with
stainless steel
This model updated to
ASSE 1015-2011
Issued: 3/24/1992
Amended: 2/9/2006,
9/6/2012, 12/12/2012,
8/28/2016

Revision: 2011
Model: 850, LF850
Size: 3 inch
Orientation: Horizontal -
Vertical Up
H, VUVU w/ Kennedy KS
II or Kennedy flange by
groove OS&Y , Watts
405-RW NRS Series,
Watts 409 OSY Series,
Kennedy Series
7092ABF-OSY
LF option replaces
bronze internal
components with
stainless steel
This model updated to
ASSE 1015-2011
Issued: 3/24/1992
Amended: 2/9/2006,
9/6/2012, 12/12/2012,
8/28/2016

Revision: 2011
Model: 850, LF850
Size: 4 inch
Orientation: Horizontal -
Vertical Up
H, VUVU w/ Kennedy KS
II or Kennedy flange by
groove OS&Y , Watts
405-RW NRS Series,
Watts 409 OSY Series,

Kennedy Series
7092ABF-OSY
LF option replaces
bronze internal
components with
stainless steel
This model updated to
ASSE 1015-2011
Issued: 3/24/1992
Amended: 2/9/2006,
9/6/2012, 12/12/2012,
8/28/2016

Revision: 2011
Model: 850, LF850
Size: 6 inch
Orientation: Horizontal -
Vertical Up
H, VUVU w/Kennedy KS
II or Kennedy flange by
groove OS&Y, Watts
405-RW NRS Series,
Watts 409 OSY Series,
Kennedy Series
7092ABF-OSY
LF option replaces
bronze internal
components with
stainless steel
This model updated to
ASSE 1015-2011
Issued: 3/24/1992
Amended: 2/9/2006,
9/6/2012, 12/12/2012,
8/28/2016

Revision: 2011
Model: 850, LF850
Size: 8 inch
Orientation: Horizontal -
Vertical Up
H, VUVU w/Kennedy KS
II or Kennedy flange by
groove OS&Y, Watts
405-RW NRS Series,
Watts 409 OSY Series,
Kennedy Series
7092ABF-OSY
LF option replaces
bronze internal
components with
stainless steel
This model updated to
ASSE 1015-2011
Issued: 3/24/1992
Amended: 2/9/2006,
9/6/2012, 12/12/2012,
8/28/2016

Revision: 2011
Model: 850-F & LF850-F
Size: 3/4 inch
Horizontal & Vertical up
w/ FEBCO 621, KeyGuard
SOV
Issued: 7/8/1981
Amended: 3/4/2008,
10/28/2008, 7/11/2012

Revision: 2011
Model: 850U & LF850U
Size: 1 1/2 inch
Horizontal, Vertical Up &
down w/ FEBCO 621 &
509 Gate Valve
Issued: 7/8/1981
Amended: 3/4/2008,
10/28/2008, 7/11/2012

Revision: 2011
Model: 850U & LF850U
Size: 1 1/4 inch
Horizontal, Vertical Up &
down w/ FEBCO 621 &
509 Gate Valve
Issued: 7/8/1981
Amended: 3/4/2008,
10/28/2008, 7/11/2012

Revision: 2011
Model: 850U & LF850U
Size: 1 inch
Horizontal, Vertical Up &
down w/ FEBCO 621 &
509 Gate Valve
Issued: 7/8/1981
Amended: 3/4/2008,
10/28/2008, 7/11/2012

Revision: 2011
Model: 850U & LF850U
Size: 1/2 inch
Horizontal, Vertical Up &
down w/ FEBCO 621 &
509 Gate Valve
Issued: 7/8/1981
Amended: 3/4/2008,
10/28/2008, 7/11/2012

Revision: 2011
Model: 850U & LF850U
Size: 2 inch
Horizontal, Vertical Up &
down w/ FEBCO 621 &
509 Gate Valve
Issued: 7/8/1981
Amended: 3/4/2008,
10/28/2008, 7/11/2012

Revision: 2011
Model: 850U & LF850U
Size: 3/4 inch
Horizontal, Vertical Up &
down w/ FEBCO 621 &
509 Gate Valve
Issued: 7/8/1981
Amended: 3/4/2008,
10/28/2008, 7/11/2012

Revision: 2011
Model: 870V
Size: 10 inch
Orientation: Horizontal -
Vertical Up
w/Kennedy KS II or
Kennedy flange by
groove OS&Y, Watts
405-RW NRS Series,
Watts 409 OSY Series,
Kennedy Series
7092ABF-OSY
Issued: 7/13/1993
Amended: 2/9/2006

Revision: 2011
Model: 870V
Size: 2-1/2 inch
Orientation: Horizontal
w/Kennedy KS II or
Kennedy flange by
groove OS&Y, Watts
405-RW NRS Series,
Watts 409 OSY Series,
Kennedy Series
7092ABF-OSY
Issued: 7/13/1993
Amended: 2/9/2006,
10/17/2012

Revision: 2011
Model: 870V
Size: 3 inch
Orientation: Horizontal
w/Kennedy KS II or
Kennedy flange by
groove OS&Y, Watts
405-RW NRS Series,
Watts 409 OSY Series,
Kennedy Series
7092ABF-OSY
Issued: 7/13/1993
Amended: 2/9/2006,
10/17/2012

Revision: 2011
Model: 870V
Size: 4 inch
Orientation: Horizontal
w/Kennedy KS II or
Kennedy flange by
groove OS&Y, Watts
405-RW NRS Series,
Watts 409 OSY Series,
Kennedy Series
7092ABF-OSY
Issued: 7/13/1993
Amended: 2/9/2006,
10/17/2012

Revision: 2011
Model: 870V
Size: 6 inch
Orientation: Horizontal
w/Kennedy KS II or
Kennedy flange by
groove OS&Y, Watts
405-RW NRS Series,
Watts 409 OSY Series,
Kennedy Series
7092ABF-OSY
Issued: 7/13/1993
Amended: 2/9/2006,
10/17/2012

Revision: 2011
Model: 870V
Size: 8 inch
Orientation: Horizontal
w/Kennedy KS II or
Kennedy flange by
groove OS&Y, Watts
405-RW NRS Series,
Watts 409 OSY Series,
Kennedy Series
7092ABF-OSY
Issued: 7/13/1993
Amended: 2/9/2006,
10/17/2012

Revision: 2011
Model: LF870V
Size: 10 inch
Orientation: Horizontal -
Vertical Down
VUVU, VUVD.
w/Kennedy KS II or
Kennedy flange by
groove OS&Y, Watts
405-RW NRS Series,
Watts 409 OSY Series,
Kennedy Series
7092ABF-OSY
Issued: 7/13/1993

Revision: 2011
Model: LF870V
Size: 2-1/2 inch
Orientation: Vertical Up
- Vertical Down
VUVU, VUVD.
w/Kennedy KS II or
Kennedy flange by
groove OS&Y, Watts
405-RW NRS Series,
Watts 409 OSY Series,
Kennedy Series
7092ABF-OSY
Issued: 7/13/1993
Amended: 6/1/2016

Revision: 2011
Model: LF870V
Size: 3 inch
Orientation: Vertical Up
- Vertical Down
VUVU, VUVD.
w/Kennedy KS II or
Kennedy flange by
groove OS&Y, Watts
405-RW NRS Series,
Watts 409 OSY Series,
Kennedy Series
7092ABF-OSY
Issued: 7/13/1993
Amended: 6/1/2016

Revision: 2011
Model: LF870V
Size: 4 inch
Orientation: Vertical Up
- Vertical Down
VUVU, VUVD.
w/Kennedy KS II or
Kennedy flange by
groove OS&Y, Watts
405-RW NRS Series,
Watts 409 OSY Series,
Kennedy Series
7092ABF-OSY
Issued: 7/13/1993
Amended: 6/1/2016

Revision: 2011
Model: LF870V
Size: 6 inch
Orientation: Vertical Up
- Vertical Down
VUVU, VUVD.
w/Kennedy KS II or
Kennedy flange by
groove OS&Y, Watts
405-RW NRS Series,
Watts 409 OSY Series,
Kennedy Series
7092ABF-OSY
Issued: 7/13/1993
Amended: 6/1/2016

Revision: 2011
Model: LF870V
Size: 8 inch
Orientation: Vertical Up
- Vertical Down
VUVU, VUVD.
w/Kennedy KS II or
Kennedy flange by
groove OS&Y, Watts
405-RW NRS Series,
Watts 409 OSY Series,
Kennedy Series
7092ABF-OSY
Issued: 7/13/1993
Amended: 6/1/2016

**Neptune Technology
Group Inc**
Revision: 2011
Model: T-10 meter w/
Double Check Backflow
BF1
Size: 1/2 inch
Orientation: Horizontal
shut-off integral part of
valve
Issued: 7/26/1994
Amended: 8/30/2001,
12/16/2010, 5/31/2011,
8/15/2012, 8/17/2012

**Watts Regulator
Company**
Revision: 2011
Model: (LF) 007M1FP
(PC)
Size: 1"
Horizontal-Vertical up
w/ Watts FBV-FP(-E)
Issued: 10/27/2009

Revision: 2011
Model: (LF) 007M1FP
(PC)
Size: 2"
Horizontal-Vertical up
w/ Watts FBV-FP(-E)
Issued: 10/27/2009

Revision: 2011
Model: (LF) 007M1FP
(PC)
Size: 3/4"
Horizontal-Vertical up
w/ Watts FBV-FP(-E)
Issued: 10/27/2009

Revision: 2011
Model: (LF) 007M2FP
(PC)
Size: 1 1/2"
Horizontal, Vertical Up
w/ Watts FBV-FP(-E)
Issued: 10/27/2009

Revision: 2011
Model: (LF) 007M2FP
(PC)
Size: 1 1/4"
Horizontal, Vertical
Down, Vertical Up w/
Watts FBV-FP(-E)
Issued: 10/27/2009

Revision: 2011
Model: (LF) 007M2FP
(PC)
Size: 3/4"
Horizontal, Vertical
Down, Vertical Up w/
Watts FBV-FP(-E)
Issued: 10/27/2009

Revision: 2011
Model: 007 (LF)
Size: 2 1/2 inch
Orientation: Horizontal
Vertical Down & Vertical
Up w/ Watts 405 RW,
Watts408-OSY, Clow
R/W F6102-NRS, Clow
R/W F6136-OSY,
American Flow
(Waterous) Series 500
NRS & OSY, Kennedy Ken
Seal II NRS & OSY,
Stockham G610-OSY,
Watts Regulator 409 RW
OS& Y - Flange gaskets
used in conjunction with
o-rings to seal gate
valves to body
Issued: 3/13/1995
Amended: 1/21/2008,
10/28/2008, 9/9/2009

Revision: 2011
Model: 007 (LF)
Size: 3 inch
Orientation: Horizontal
Vertical Down & Vertical
Up w/ Watts 405 RW,
Watts408-OSY, Clow
R/W F6102-NRS, Clow
R/W F6136-OSY,
American Flow
(Waterous) Series 500
NRS & OSY, Kennedy Ken
Seal II NRS & OSY,
Stockham G610-OSY,
Watts Regulator 409 RW
OS& Y - Flange gaskets
used in conjunction with
o-rings to seal gate
valves to body
Issued: 3/13/1995
Amended: 1/21/2008,
10/28/2008, 9/9/2009

Revision: 2011
Model: 007M1QT (LF)
007M1QT (PC)
Size: 1 inch
Orientation: Horizontal -
Vertical Up
w/ Watts FBV & FBV(E)-
QT, Watt Series 6080 &
(6080-E)-QT, KeyGuard
SOV
Issued: 3/13/1995
Amended: 1/21/2008,
10/28/2008

Revision: 2011
Model: 007M1QT (LF)
007M1QT (PC)
Size: 2 inch
Orientation: Horizontal -
Vertical Up
w/ Watts FBV & FBV(E)-
QT, Watt Series 6080 &
(6080-E)-QT, KeyGuard
SOV
Issued: 3/13/1995
Amended: 1/21/2008,
10/28/2008

Revision: 2011
Model: 007M1QT (LF)
007M1QT (PC)
Size: 3/4 inch
Orientation: Horizontal -
Vertical Up
w/ Watts FBV & FBV(E)-
QT, Watt Series 6080 &
(6080-E)-QT, KeyGuard
SOV
Issued: 3/13/1995
Amended: 1/21/2008,
10/28/2008

Revision: 2011
Model: 007M2QT (LF)
(PC)
Size: 1 1/2 inch
Orientation: Horizontal -
Vertical Up
w/ Watts FBV (FBV-E)-QT
& Watts Series 6080
(6080-E)-QT, KeyGuard
SOV
Issued: 3/13/1995
Amended: 1/21/2008,
10/28/2008

Revision: 2011
Model: 007M2QT (LF)
(PC)
Size: 1 1/4"
Horizontal - Vertical
Down & Vertical Up w/
Watts FBV & FBV(E),
Watts 6080 (6080-E)-QT,
KeyGuard SOV
Issued: 3/13/1995
Amended: 1/21/2008,
10/28/2008

Revision: 2011
Model: 007M2QT (LF)
(PC)
Size: 3/4 inch
Horizontal, Vertical
Down, Vertical Up w/
Watts FBV & FBV(E)-QT,
Watt Series 6080 &

(6080-E)-QT, KeyGuard
SOV
Issued: 3/13/1995
Amended: 1/21/2008,
10/28/2008

Revision: 2011
Model: 007M3-QT &
LF007M3-QT
Size: 3/4 inch
Orientation: Horizontal -
Vertical Up
w/ Watts FBV (FBV-E)-QT
& Watts Series 6080
(6080-E)-QT, KeyGuard
SOV
Issued: 3/13/1995
Amended: 1/21/2008,
10/28/2008, 7/11/2012

Revision: 2011
Model: 007QT (PC) (LF)
Size: 1/2 inch
Orientation: Horizontal -
Vertical Up
w/ Watts FBV & FBV(E)-
QT, Watt Series 6080 &
(6080-E)-QT, KeyGuard
SOV
Issued: 3/13/1995
Amended: 1/21/2008,
10/28/2008

Revision: 2011
Model: 709 (LF) (SR) &
(LF) 709
Size: 10 inch
Orientation: Horizontal -
Vertical Up
w/ Clow F6136-R/W OS
& Y, 405 RW, Watts 408
OSY, Clow R/W F6102-
NRS, American Flow
Control (Waterous)
Series 500 NRS & OSY,
Kennedy Ken Seal II NRS
& OSY, Stockham G-610-
OSY, Watts Regulator
409 RW OS& Y
Issued: 6/3/1997
Amended: 2/21/2006,
10/28/2011

Revision: 2011
Model: 709 (LF) (SR) &
(LF) 709
Size: 2 1/2 inch
Horizontal, Vertical
Down, Vertical Up - w/
Watts 405 RW, Watts
408-OSY, Clow R/W
F6102NRS, Clow R/W
F6136-OSY, American
Flow Control (Waterous)
Series 500 NRS & OSY,
Kennedy Ken Seal II NRS
& OSY, Stockham G-610-
OSY
Issued: 6/3/1997
Amended: 2/21/2006,
10/28/2011

Revision: 2011
Model: 709 (LF) (SR) &
(LF) 709
Size: 3 inch
Horizontal, Vertical
Down, Vertical Up - w/
Watts 405 RW, Watts
408-OSY, Clow R/W
F6102NRS, Clow R/W
F6136-OSY, American
Flow Control (Waterous)
Series 500 NRS & OSY,
Kennedy Ken Seal II NRS
& OSY, Stockham G-610-
OSY
Issued: 6/3/1997
Amended: 2/21/2006,
10/28/2011

Revision: 2011
Model: 709 (LF) (SR) &
(LF) 709
Size: 4 inch
Orientation: Horizontal -
Vertical Up
w/ Watts 408, Watts
RW, Watts 408-OSY,
Clow R/W F6102-NRS,
Clow R/W F6136-OSY,
American Flow Control
(waterous Series 500
NRS & OSY, Kennedy Ken
Seal II NRS & OSY,
Stockham G-610-OSY,
Watts Regulator 409 RW
OS&Y
Issued: 6/3/1997
Amended: 2/21/2006,
10/28/2011

Revision: 2011
Model: 709 (LF) (SR) &
(LF) 709
Size: 6 inch
Orientation: Horizontal -
Vertical Up
w/ Stockham G-610R/W,
Watts 405-RW, Watts
408-OSY, Clow R/W
F6102-NRS, Clow R/W
F6136-OSY, American
Flow Control (Waterous)
Series 500 NRS & OSY,
Kennedy Ken Seal II NRS
& OSY, Stockham G-610-
OSY, Watts Regulator
409 RW OS & Y
Issued: 6/3/1997
Amended: 2/21/2006,
10/28/2011

Revision: 2011
Model: 709 (LF) (SR) &
(LF) 709
Size: 8 inch
Orientation: Horizontal -
Vertical Up
w/Watts 408, Watts RW,
Watts 408-OSY, Clow
R/W F6102-NRS, Clow
R/W F6136-OSY,
American Flow Control,
(Waterous) Series 500
NRS & OSY, Kennedy Ken
Seal II NRS & OSY,
Stockham G-610-OSY,

Watts Regulator 409 RW
OS & Y
Issued: 6/3/1997
Amended: 2/21/2006,
10/28/2011

Revision: 2011
Model: 719 QT (LF-719-
QT) w/ Watts FBV-E,
FBV, KeyGuard SOV &
U719 QT (LF-U719-QT)
w/ Watts FBV-E, FBV
Size: 1 1/2 inch
Horizontal, Vertical Up
and Vertical Down
(horizontal & vertical up
also listed to 1015F)
Issued: 9/29/2004
Amended: 2/21/2006,
10/28/2008

Revision: 2011
Model: 719 QT (LF-719-
QT) w/ Watts FBV-E,
FBV, KeyGuard SOV &
U719 QT (LF-U719-QT)
w/ Watts FBV-E, FBV
Size: 1 1/4 inch
Horizontal, Vertical Up
and Vertical Down
Issued: 9/29/2004
Amended: 2/21/2006,
10/28/2008

Revision: 2011
Model: 719 QT (LF-719-
QT) w/ Watts FBV-E,
FBV, KeyGuard SOV &
U719 QT (LF-U719-QT)
w/ Watts FBV-E, FBV
Size: 1 inch
Horizontal, Vertical Up
and Vertical Down
Issued: 9/29/2004
Amended: 2/21/2006,
10/28/2008

Revision: 2011
Model: 719 QT (LF-719-
QT) w/ Watts FBV-E,
FBV, KeyGuard SOV &
U719 QT (LF-U719-QT)
w/ Watts FBV-E, FBV
Size: 1/2 inch
Horizontal, Vertical Up
and Vertical Down
Issued: 9/29/2004
Amended: 2/21/2006,
10/28/2008

Revision: 2011
Model: 719 QT (LF-719-
QT) w/ Watts FBV-E,
FBV, KeyGuard SOV &
U719 QT (LF-U719-QT)
w/ Watts FBV-E, FBV
Size: 2 inch
Horizontal, Vertical Up
and Vertical Down
(horizontal & vertical up
also listed to 1015F)
Issued: 9/29/2004
Amended: 2/21/2006,
10/28/2008

Revision: 2011
Model: 719 QT (LF-719-
QT) w/ Watts FBV-E,
FBV, KeyGuard SOV &
U719 QT (LF-U719-QT)
w/ Watts FBV-E, FBV
Size: 3/4 inch
Horizontal, Vertical Up
and Vertical Down
Issued: 9/29/2004
Amended: 2/21/2006,
10/28/2008

Revision: 2011
Model: 719-AQT (LF-
719AQT)
Size: 1 1/2 inch
Orientation: Vertical Up
- Vertical Down
w/ Watts FBV-E, FBV,
KeyGuard SOV
Issued: 9/29/2004
Amended: 2/21/2006,
10/28/2008

Revision: 2011
Model: 719-AQT (LF-
719AQT)
Size: 1 1/4 inch
Orientation: Vertical Up
- Vertical Down
w/ Watts FBV-E, FBV,
KeyGuard SOV
Issued: 9/29/2004
Amended: 2/21/2006,
10/28/2008

Revision: 2011
Model: 719-AQT (LF-
719AQT)
Size: 2 inch
Orientation: Vertical Up
- Vertical Down
w/ Watts FBV-E, FBV,
KeyGuard SOV
Issued: 9/29/2004
Amended: 2/21/2006,
10/28/2008

Revision: 2011
Model: 719-AQT (LF-
719-AQT)
Size: 1 inch
Orientation: Vertical Up
- Vertical Down
w/ Watts FBV-E, FBV,
KeyGuard SOV
Issued: 9/29/2004
Amended: 2/21/2006,
10/28/2008

Revision: 2011
Model: 719-AQT (LF-
719-AQT)
Size: 1/2 inch
Orientation: Vertical Up
- Vertical Down
w/ Watts FBV-E, FBV,
KeyGuard SOV
Issued: 9/29/2004
Amended: 2/21/2006,
10/28/2008

Revision: 2011
Model: 719-QT-R10 (LF-
719-QT-R10)
Size: 1/2 inch
Horizontal, Vertical Up -
Vertical Down w/ Watts
FBV-E & FBV, KeyGuard
SOV
Issued: 9/29/2004
Amended: 2/21/2006,
10/28/2008

Revision: 2011
Model: 719-QT-R10 (LF-
719-QT-R10)
Size: 3/4 inch
Horizontal, Vertical Up -
Vertical Down w/ Watts
FBV-E & FBV, KeyGuard
SOV
Issued: 9/29/2004
Amended: 2/21/2006,
10/28/2008

Revision: 2011
Model: 757 (LF) 757 (SR)
Size: 10"
Orientation: Horizontal -
Vertical Up
w/Clow
F6104/05/37//38/36/02,
Kennedy 759 2/93/61 &
7092/93/68, Union
GV12, Victaulic Series
702, hunter Series BFV,
Watts 007M3QT, Watts
Regulator 409 RW OS &
Y
Issued: 7/15/2002
Amended: 10/1/2002,
2/1/2003

Revision: 2011
Model: 757 (LF) 757 (SR)
Size: 2 1/2"
Orientation: Horizontal -
Vertical Up
w/Clow
F6104/05/37//38/36/02,
Kennedy 759 2/93/61 &
7092/93/68, Union
GV12, Victaulic Series
702, hunter Series BFV,
Watts 007M3QT, Watts
Regulator 409 RW OS &
Y
Issued: 7/15/2002
Amended: 10/1/2002,
2/1/2003

Revision: 2011
Model: 757 (LF) 757 (SR)
Size: 3"
Orientation: Horizontal -
Vertical Up
w/Clow
F6104/05/37//38/36/02,
Kennedy 759 2/93/61 &
7092/93/68, Union
GV12, Victaulic Series
702, hunter Series BFV,
Watts 007M3QT, Watts
Regulator 409 RW OS &
Y
Issued: 7/15/2002
Amended: 10/1/2002,
2/1/2003

Revision: 2011
Model: 757 (LF) 757 (SR)
Size: 4"
Orientation: Horizontal -
Vertical Up
w/Clow
F6104/05/37//38/36/02,
Kennedy 759 2/93/61 &
7092/93/68, Union
GV12, Victaulic Series
702, hunter Series BFV,
Watts 007M3QT, Watts
Regulator 409 RW OS &
Y
Issued: 7/15/2002
Amended: 10/1/2002,
2/1/2003

Revision: 2011
Model: 757 (LF) 757 (SR)
Size: 6"
Orientation: Horizontal -
Vertical Up
w/Clow
F6104/05/37//38/36/02,
Kennedy 759 2/93/61 &
7092/93/68, Union
GV12, Victaulic Series
702, hunter Series BFV,
Watts 007M3QT, Watts
Regulator 409 RW OS &
Y
Issued: 7/15/2002
Amended: 10/1/2002,
2/1/2003

Revision: 2011
Model: 757 (LF) 757 (SR)
Size: 8"
Orientation: Horizontal -
Vertical Up
w/Clow
F6104/05/37//38/36/02,
Kennedy 759 2/93/61 &
7092/93/68, Union
GV12, Victaulic Series
702, hunter Series BFV,
Watts 007M3QT, Watts
Regulator 409 RW OS &
Y
Issued: 7/15/2002
Amended: 10/1/2002,
2/1/2003

Revision: 2011
Model: 757a (LF) 757a
(SR)
Size: 2 1/2"
Orientation: Horizontal -
Vertical Up
w/Clow
F6104/05/37/38/36/02,
Kennedy 759 2/93/61,
7092/93/68, Union GV
12, Victaulic Series 702,
Hunter Series BFV, Watts
007M3QT-3/4 inch,
Watts Regulator 409 RW
OS & Y
Issued: 7/15/2002
Amended: 10/1/2002,
2/1/2003

Revision: 2011
Model: 757a (LF) 757a
(SR)
Size: 3"
Orientation: Horizontal -
Vertical Up
w/Clow
F6104/05/37/38/36/02,
Kennedy 759 2/93/61,
7092/93/68, Union GV
12, Victaulic Series 702,
Hunter Series BFV, Watts
007M3QT-3/4 inch,
Watts Regulator 409 RW
OS & Y
Issued: 7/15/2002
Amended: 10/1/2002,
2/1/2003

Revision: 2011
Model: 757a (LF) 757a
(SR)
Size: 4"
Orientation: Horizontal -
Vertical Up
w/Clow
F6104/05/37/38/36/02,
Kennedy 759 2/93/61,
7092/93/68, Union GV
12, Victaulic Series 702,
Hunter Series BFV, Watts
007M3QT-3/4 inch,
Watts Regulator 409 RW
OS & Y
Issued: 7/15/2002
Amended: 10/1/2002,
2/1/2003

Revision: 2011
Model: 757a (LF) 757a
(SR)
Size: 6"
Orientation: Horizontal -
Vertical Up
w/Clow
F6104/05/37/38/36/02,
Kennedy 759 2/93/61,
7092/93/68, Union GV
12, Victaulic Series 702,
Hunter Series BFV, Watts
007M3QT-3/4 inch,
Watts Regulator 409 RW
OS & Y
Issued: 7/15/2002
Amended: 10/1/2002,
2/1/2003

Revision: 2011
Model: 757aQT(LF)
757aQT(SR)
Size: 2 1/2"
Orientation: Horizontal
w/Hunter Series B,
Watts 007M3QT-
3/4inch, Watts Regulator
409 RW OS & Y
Issued: 7/15/2002
Amended: 10/1/2002,
2/1/2003

Revision: 2011
Model: 757aQT(LF)
757aQT(SR)
Size: 3"
Orientation: Horizontal
w/Hunter Series B,
Watts 007M3QT-
3/4inch, Watts Regulator
409 RW OS & Y
Issued: 7/15/2002
Amended: 10/1/2002,
2/1/2003

Revision: 2011
Model: 757aQT(LF)
757aQT(SR)
Size: 4"
Orientation: Horizontal
w/Hunter Series B,
Watts 007M3QT-
3/4inch, Watts Regulator
409 RW OS & Y
Issued: 7/15/2002
Amended: 10/1/2002,
2/1/2003

Revision: 2011
Model: 757N (LF) 757N
(SR)
Size: 10"
Orientation: Horizontal -
Vertical Up
w/Clow
F6104/05/37/38/36/02,
Kennedy 759/2/93/61,
7092/93/68, Union
GV12, Victaulic Series
702, Hunter Series BFV,
Watts 007M3QT-3/4",
Horizontal also includes:
Watts Regulator 409 RW
OS & Y
Issued: 7/15/2002
Amended: 10/1/2002,
2/1/2003



Revision: 2011
Model: 767 (LF) 767 (SR)
Size: 3"
Orientation: Horizontal -
Vertical Up
w/Clow
F6104/05/37/38/36/02,
Kennedy 759,2/93/61,
7092/93/68, Union
GV12, Victaulic Series
702, Hunter Series BFV -
Horizontal also includes:
Watts Regulator 409 RW
OS & Y
Issued: 7/15/2002
Amended: 10/1/2002,
2/1/2003

Revision: 2011
Model: 767 (LF) 767 (SR)
Size: 4"
Orientation: Horizontal -
Vertical Up
w/Clow
F6104/05/37/38/36/02,
Kennedy 759,2/93/61,
7092/93/68, Union
GV12, Victaulic Series
702, Hunter Series BFV -
Horizontal also includes:
Watts Regulator 409 RW
OS & Y
Issued: 7/15/2002
Amended: 10/1/2002,
2/1/2003

Revision: 2011
Model: 767 (LF) 767 (SR)
Size: 6"
Orientation: Horizontal -
Vertical Up
w/Clow
F6104/05/37/38/36/02,
Kennedy 759,2/93/61,
7092/93/68, Union
GV12, Victaulic Series
702, Hunter Series BFV -
Horizontal also includes:
Watts Regulator 409 RW
OS & Y
Issued: 7/15/2002
Amended: 10/1/2002,
2/1/2003

Revision: 2011
Model: 767 (LF) 767 (SR)
Size: 8"
Orientation: Horizontal -
Vertical Up
w/Clow
F6104/05/37/38/36/02,
Kennedy 759,2/93/61,
7092/93/68, Union
GV12, Victaulic Series
702, Hunter Series BFV -
Horizontal also includes:
Watts Regulator 409 RW
OS & Y
Issued: 7/15/2002
Amended: 10/1/2002,
2/1/2003

Revision: 2011
Model: 767a (LF) 767a
(SR)
Size: 2 1/2"
Orientation: Horizontal -
Vertical Up
w/Clow
F6104/05/37/38/36/02,
Kennedy 759 2/93/61,
7092/93/68, Union
GV12, Victaulic Series
702, Hunter Series BFV,
Watts 007M3QT-3/4
inch, Watts Regulator
409 RW OS & Y
Issued: 7/15/2002
Amended: 10/1/2002,
2/1/2003

Revision: 2011
Model: 767a (LF) 767a
(SR)
Size: 3"
Orientation: Horizontal -
Vertical Up
w/Clow
F6104/05/37/38/36/02,
Kennedy 759 2/93/61,
7092/93/68, Union
GV12, Victaulic Series
702, Hunter Series BFV,
Watts 007M3QT-3/4
inch, Watts Regulator
409 RW OS & Y
Issued: 7/15/2002
Amended: 10/1/2002,
2/1/2003

Revision: 2011
Model: 767a (LF) 767a
(SR)
Size: 4"
Orientation: Horizontal -
Vertical Up
w/Clow
F6104/05/37/38/36/02,
Kennedy 759 2/93/61,
7092/93/68, Union
GV12, Victaulic Series
702, Hunter Series BFV,
Watts 007M3QT-3/4
inch, Watts Regulator
409 RW OS & Y
Issued: 7/15/2002
Amended: 10/1/2002,
2/1/2003

Revision: 2011
Model: 767N (LF) 767N
(SR)
Size: 10"
Orientation: Horizontal -
Vertical Up
w/Clow
F6104/05/37/38/36/02,
Kennedy 759 2/93/61,
7092/93/68, Union
GV12, Victaulic Series
702, Hunter Series BFV,
Watts 007M3QT-3/4
inch, Watts Regulator
409 RW OS & Y
Issued: 7/15/2002
Amended: 10/1/2002,
2/1/2003

Revision: 2011
Model: 767N (LF) 767N
(SR)
Size: 2 1/2"
Orientation: Horizontal -
Vertical Up
w/Clow
F6104/05/37/38/36/02,
Kennedy 759 2/93/61,
7092/93/68, Union
GV12, Victaulic Series
702, Hunter Series BFV,
Watts 007M3QT-3/4
inch, Watts Regulator
409 RW OS & Y
Issued: 7/15/2002
Amended: 10/1/2002,
2/1/2003

Revision: 2011
Model: 767N (LF) 767N
(SR)
Size: 3"
Orientation: Horizontal -
Vertical Up
w/Clow
F6104/05/37/38/36/02,
Kennedy 759 2/93/61,
7092/93/68, Union
GV12, Victaulic Series
702, Hunter Series BFV,
Watts 007M3QT-3/4
inch, Watts Regulator
409 RW OS & Y
Issued: 7/15/2002
Amended: 10/1/2002,
2/1/2003

Revision: 2011
Model: 767N (LF) 767N
(SR)
Size: 4"
Orientation: Horizontal -
Vertical Up
w/Clow
F6104/05/37/38/36/02,
Kennedy 759 2/93/61,
7092/93/68, Union
GV12, Victaulic Series
702, Hunter Series BFV,
Watts 007M3QT-3/4
inch, Watts Regulator
409 RW OS & Y
Issued: 7/15/2002
Amended: 10/1/2002,
2/1/2003

Revision: 2011
Model: 767N (LF) 767N
(SR)
Size: 6"
Orientation: Horizontal -
Vertical Up
w/Clow
F6104/05/37/38/36/02,
Kennedy 759 2/93/61,
7092/93/68, Union
GV12, Victaulic Series
702, Hunter Series BFV,
Watts 007M3QT-3/4
inch, Watts Regulator
409 RW OS & Y
Issued: 7/15/2002
Amended: 10/1/2002,
2/1/2003

Revision: 2011
Model: 767N (LF) 767N
(SR)
Size: 8"
Orientation: Horizontal -
Vertical Up
w/Clow
F6104/05/37/38/36/02,
Kennedy 759 2/93/61,
7092/93/68, Union
GV12, Victaulic Series
702, Hunter Series BFV,
Watts 007M3QT-3/4
inch, Watts Regulator
409 RW OS & Y
Issued: 7/15/2002
Amended: 10/1/2002,
2/1/2003

Revision: 2011
Model: 767Na (LF)
767Na (SR)
Size: 2 1/2"
Orientation: Horizontal -
Vertical Up
w/Clow
F6104/05/37/38/36/02,
Kennedy 759 2/93/61,
7092/93/68, Union
GV12, Victaulic Series
702, Hunter Series BFV,
Watts 007M3QT-
3/4inch, Watts Regulator
409 RW OS & Y
Issued: 7/15/2002
Amended: 10/1/2002,
2/1/2003

Revision: 2011
Model: 767Na (LF)
767Na (SR)
Size: 3"
Orientation: Horizontal -
Vertical Up
w/Clow
F6104/05/37/38/36/02,
Kennedy 759 2/93/61,
7092/93/68, Union
GV12, Victaulic Series
702, Hunter Series BFV,
Watts 007M3QT-
3/4inch, Watts Regulator
409 RW OS & Y
Issued: 7/15/2002
Amended: 10/1/2002,
2/1/2003

Revision: 2011
Model: 767Na (LF)
767Na (SR)
Size: 4"
Orientation: Horizontal -
Vertical Up
w/Clow
F6104/05/37/38/36/02,
Kennedy 759 2/93/61,
7092/93/68, Union
GV12, Victaulic Series
702, Hunter Series BFV,
Watts 007M3QT-
3/4inch, Watts Regulator
409 RW OS & Y
Issued: 7/15/2002
Amended: 10/1/2002,
2/1/2003

Revision: 2011
Model: 774 (LF)774(SR)
Size: 10 inch
Orientation: Horizontal
w/ Kennedy KW and RW,
Watts Regulator 405,
409 RW OS & Y
Issued: 8/1/1997

Revision: 2011
Model: 774 (LF)774(SR)
Size: 8 inch
Orientation: Horizontal
w/ Kennedy KW and RW,
Watts Regulator 405,
409 RW OS & Y
Issued: 8/1/1997

Revision: 2011
Model: 774X
(LF)774X(SR)
Size: 2 1/2 inch
Orientation: Horizontal
w/ Kennedy KW and RW,
Watts Regulator 405,
409 RW OS & Y
Issued: 8/1/1997
Amended: 5/19/2016

Revision: 2011
Model: 774X
(LF)774X(SR)
Size: 6 inch
Orientation: Horizontal
w/ Kennedy KW and RW,
Watts Regulator 405,
409 RW OS & Y
Issued: 8/1/1997
Amended: 5/19/2016

Revision: 2011
Model: 774X
(LF)774X(SR)
Size: 8 inch
Orientation: Horizontal -
Vertical Down
w/ Kennedy KW and RW,
Watts Regulator 405,
409 RW OS & Y
Issued: 8/1/1997
Amended: 5/19/2016

Revision: 2011
Model: SS007M1 QT
Size: 1 inch
Orientation: Horizontal -
Vertical Up
w/ Figure FBV & (FBV-E)
QT
Issued: 3/13/1995
Amended: 1/21/2008,
10/28/2008

Revision: 2011
Model: SS007M2QT
Size: 3/4 inch
Orientation: Horizontal
w/Watts 9526F CF8M
Issued: 3/13/1995
Amended: 1/21/2008,
10/28/2008

Revision: 2011
Model: SS007M3QT
Size: 1/2 inch
Orientation: Horizontal - Vertical Up
Issued: 3/13/1995
Amended: 1/21/2008, 10/28/2008

Revision: 2011
Model: SS007M3QT
Size: 3/4 inch
Orientation: Horizontal - Vertical Up
Issued: 3/13/1995
Amended: 1/21/2008, 10/28/2008

Revision: 2011
Model: U007M1A QT (LF, PC)
Size: 2 inch
Orientation: Vertical Up w/Watts FBV & (FBV-E) QT & Watts 6080 (6080-E)-QT
Issued: 3/13/1995
Amended: 1/21/2008, 10/28/2008

Revision: 2011
Model: U007M1A QT (LF, PC)
Size: 3/4 inch
Orientation: Horizontal - Vertical Up w/Watts FBV & (FBV-E) QT & Watts 6080 (6080-E)-QT
Issued: 3/13/1995
Amended: 1/21/2008, 10/28/2008

Revision: 2011
Model: U007M1QT (LF) U007M1QT (PC)
Size: 1 1/2 inch
Orientation: Horizontal w/ Watts FBV & FBV(E)-QT, Watt Series 6080 & (6080-E)-QT
Issued: 3/13/1995
Amended: 1/21/2008, 10/28/2008

Revision: 2011
Model: U007M1QT (LF) U007M1QT (PC)
Size: 1 inch
Orientation: Horizontal w/ Watts FBV & FBV(E)-QT, Watt Series 6080 & (6080-E)-QT
Issued: 3/13/1995
Amended: 1/21/2008, 10/28/2008

Revision: 2011
Model: U007M1QT (LF) U007M1QT (PC)
Size: 2 inch
Orientation: Horizontal w/ Watts FBV & FBV(E)-QT, Watt Series 6080 & (6080-E)-QT
Issued: 3/13/1995
Amended: 1/21/2008, 10/28/2008

Revision: 2011
Model: U007M1QT (LF) U007M1QT(PC)
Size: 3/4 inch
Orientation: Horizontal w/ Watts FBV & FBV(E)-QT, Watt Series 6080 & (6080-E)-QT
Issued: 3/13/1995
Amended: 1/21/2008, 10/28/2008

Revision: 2011
Model: U007M2A QT (LF, PC)
Size: 1-1/2 inch
Orientation: Horizontal - Vertical Up w/Watts FBV & (FBV-E) QT & Watts 6080 (6080-E)-QT
Issued: 3/13/1995
Amended: 1/21/2008, 10/28/2008

Revision: 2011
Model: U007M2QT (LF) U007M2QT (PC)
Size: 1 1/4 inch
Orientation: Horizontal w/ Watts FBV & FBV(E)-QT, Watt Series 6080 & (6080-E)-QT
Issued: 3/13/1995
Amended: 1/21/2008, 10/28/2008

Revision: 2011
Model: U007M2QT (LF) U007M2QT (PC)
Size: 1 1/2 inch
Orientation: Horizontal w/ Watts FBV & FBV(E)-QT, Watt Series 6080 & (6080-E)-QT
Issued: 3/13/1995
Amended: 1/21/2008, 10/28/2008

Revision: 2011
Model: U007QT (LF, PC)
Size: 1/2 inch
Orientation: Horizontal - Vertical Up w/ Watts FBV (FBV-E)-QT & Watts Series 6080 (6080-E)-QT
Issued: 3/13/1995
Amended: 1/21/2008, 10/28/2008

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Revision: 2011
Model: 350AST & 350ASTR
Size: 10"
Orientation: Horizontal - Vertical Up w/ Wilkins 48 gate valves, Victaulic 702, Clow model 2638/39/40
Issued: 1/9/2012
Amended: 8/15/2012, 8/20/2012

Revision: 2011
Model: 350AST & 350ASTR
Size: 2 1/2"
Orientation: Horizontal - Vertical Up w/ Victaulic 702, Wilkins Model 48, Wilkins Model 49, Clow Model 2639
Issued: 11/19/2010
Amended: 8/15/2012, 8/20/2012

Revision: 2011
Model: 350AST & 350ASTR
Size: 3"
Orientation: Horizontal - Vertical Up w/ Victaulic 702, Wilkins Model 48, Wilkins Model 49, Clow Model 2639
Issued: 11/19/2010
Amended: 8/15/2012, 8/20/2012

Revision: 2011
Model: 350AST & 350ASTR
Size: 4"
Orientation: Horizontal - Vertical Up w/ Victaulic 702, Wilkins Model 48, Wilkins Model 49, Clow Model 2638
Issued: 11/19/2010
Amended: 8/15/2012, 8/20/2012

Revision: 2011
Model: 350AST & 350ASTR
Size: 6"
Orientation: Horizontal - Vertical Up w/ Victaulic 702, Wilkins Model 48, Wilkins Model 49, Clow Model 2638
Issued: 11/19/2010
Amended: 8/15/2012, 8/20/2012

Revision: 2011
Model: 350AST & 350ASTR
Size: 8"
Orientation: Horizontal - Vertical Up w/ Wilkins 48 gate valves, Wilkins 49

butterfly valves, Victaulic 702, Clow model 2638/39/40
Issued: 1/9/2012
Amended: 8/15/2012, 8/20/2012

Revision: 2011
Model: 450ST / 450STR
Size: 10"
Orientation: Vertical Up - Vertical Down
Issued: 11/19/2010

Revision: 2011
Model: 450ST / 450STR
Size: 4"
Orientation: Vertical Up - Vertical Down
Issued: 11/19/2010

Revision: 2011
Model: 450ST / 450STR
Size: 6"
Orientation: Vertical Up - Vertical Down
Issued: 11/19/2010

Revision: 2011
Model: 450ST / 450STR
Size: 8"
Orientation: Vertical Up - Vertical Down
Issued: 11/19/2010

Revision: 2005
Model: 350
Size: 10 inch
Horizontal - Vertical Up w/ Wilkins Model 48 Gate Valve or Clow R/W F6136 Gate Valve, Wilkins 49 Butterfly Valve
Issued: 2/26/2003
Amended: 5/8/2007, 10/23/2007, 11/4/2008, 1/26/2010

Revision: 2005
Model: 350
Size: 12 inch
Horizontal w/ Clow 2640-OSY, Wilkins Model 48 Gate Valve
Issued: 5/8/2007
Amended: 5/8/2007, 10/23/2007, 11/4/2008, 1/12/2009

Revision: 2005
Model: 350
Size: 2 1/2 inch
Horizontal - Vertical Up w/Wilkins Model 48 Gate Valve, or Clow R/W F6136 Gate Valve
Issued: 2/26/2003
Amended: 5/8/2007, 10/23/2007, 11/4/2008

Revision: 2005
Model: 350
Size: 3 inch
Horizontal - Vertical Up w/ Wilkins Model 48

Gate Valve, or Clow R/W F6136 Gate Valve
Issued: 2/26/2003
Amended: 5/8/2007, 10/23/2007, 11/4/2008

Revision: 2005
Model: 350
Size: 4 inch
Horizontal - Vertical Up w/Wilkins Model 48 Gate Valve or Clow R/W F6136 Gate Valve, Wilkins 49 Butterfly Valve
Issued: 2/26/2003
Amended: 5/8/2007, 10/23/2007, 11/4/2008, 1/26/2010

Revision: 2005
Model: 350
Size: 6 inch
Horizontal - Vertical Up w/Wilkins Model 48 Gate Valve or Clow R/W F6136 Gate Valve, Wilkins 49 Butterfly Valve
Issued: 2/26/2003
Amended: 5/8/2007, 10/23/2007, 11/4/2008, 1/26/2010

Revision: 2005
Model: 350
Size: 8 inch
Horizontal - Vertical Up w/ Wilkins Model 48 Gate Valve or Clow R/W F6136 Gate Valve, Wilkins 49 Butterfly Valve
Issued: 2/26/2003
Amended: 5/8/2007, 10/23/2007, 11/4/2008, 1/26/2010

Revision: 2005
Model: 350 & 350XL
Size: 1 1/2 inch
Orientation: Horizontal - Vertical Up (shut off valves are an integral part of the device)
Issued: 2/26/2003
Amended: 5/8/2007, 10/23/2007, 11/4/2008, 8/20/2012, 1/22/2015

Revision: 2005
Model: 350 & 350XL
Size: 1 1/4 inch
Orientation: Horizontal - Vertical Up (shut off valves are an integral part of the device)
Issued: 2/26/2003
Amended: 5/8/2007, 10/23/2007, 11/4/2008, 8/20/2012, 1/22/2015

Revision: 2005
Model: 350 & 350XL
Size: 1 inch
Orientation: Horizontal - Vertical Up
350 w/ Wilkins 600 1" shut off
350 XL w/ Wilkins 850XL 1" shut off
Issued: 2/26/2003
Amended: 5/8/2007, 10/23/2007, 11/4/2008, 8/20/2012, 1/22/2015

Revision: 2005
Model: 350 & 350XL
Size: 2 inch
Orientation: Horizontal - Vertical Up
(shut off valves are an integral part of the device)
Issued: 2/26/2003
Amended: 5/8/2007, 10/23/2007, 11/4/2008, 8/20/2012, 1/22/2015

Revision: 2005
Model: 350 & 350XL
Size: 3/4 inch
Orientation: Horizontal - Vertical Up
350 w/ Wilkins 600 3/4" shut off
350XL w/ Wilkins 850XL 3/4" inlet & outlet
Issued: 2/26/2003
Amended: 5/8/2007, 10/23/2007, 11/4/2008, 8/20/2012

Revision: 2005
Model: 350A & 350AR
Size: 10 inch
Orientation: Horizontal - Vertical Up
w/ Wilkins Model 48 Gate Valve, Clow R/W F6136 Gate Valve or Victaulic 702 Butterfly Valve, Wilkins 49 Butterfly Valve
Issued: 11/13/2006
Amended: 5/8/2007, 10/23/2007, 11/4/2008, 1/26/2010, 8/20/2012

Revision: 2005
Model: 350A & 350AR
Size: 2 1/2 inch
Orientation: Horizontal - Vertical Up
w/ Wilkins Model 48 Gate Valve, Clow R/W F6136 Gate Valve or Victaulic 702 Butterfly, Wilkins 49 Butterfly Valve
Issued: 11/13/2006
Amended: 5/8/2007, 10/23/2007, 11/4/2008, 1/26/2010, 8/20/2012

Revision: 2005
Model: 350A & 350AR
Size: 3 inch
Orientation: Horizontal - Vertical Up
w/ Wilkins Model 48 Gate Valve, Clow R/W F6136 Gate Valve, or Victaulic 702 Butterfly, Wilkins 49 Butterfly Valve
Issued: 11/13/2006
Amended: 5/8/2007, 10/23/2007, 11/4/2008, 1/26/2010, 8/20/2012

Revision: 2005
Model: 350A & 350AR
Size: 4 inch
Orientation: Horizontal - Vertical Up
w/ Wilkins Model 48 Gate Valve, Clow R/W F6136 Gate Valve or Victaulic 702 Butterfly Valve, Wilkins 49 Butterfly Valve
Issued: 11/13/2006
Amended: 5/8/2007, 10/23/2007, 11/4/2008, 1/26/2010, 8/20/2012

Revision: 2005
Model: 350A & 350AR
Size: 6 inch
Orientation: Horizontal - Vertical Up
w/ Wilkins Model 48 Gate Valve, Clow R/W F6136 Gate Valve or Victaulic 702 Butterfly Valve, Wilkins 49 Butterfly Valve
Issued: 11/13/2006
Amended: 5/8/2007, 10/23/2007, 11/4/2008, 1/26/2010, 8/20/2012

Revision: 2005
Model: 350A & 350AR
Size: 8 inch
Orientation: Horizontal - Vertical Up
w/ Clow R/W F6136 Gate Valve, Victaulic 702 Butterfly Valve or Wilkins Model 48 Gate Valve, Wilkins 49 Butterfly Valve
Issued: 11/13/2006
Amended: 5/8/2007, 10/23/2007, 11/4/2008, 1/26/2010, 8/20/2012

Revision: 2005
Model: 350D
Size: 3/4 inch
Horizontal - Vertical Up
w/ Wilkins 3/4" model 850XL & 850TXL Ball Valves-QT
Issued: 2/26/2003
Amended: 5/8/2007, 10/23/2007, 11/4/2008, 6/19/2015

Revision: 2005
Model: 450
Size: 10 inch
Vertical Up/Vertical Down w/ Wilkins Model 48 Gate Valve, Clow R/W F6136 Gate Valve or Victaulic 702 Butterfly Valve, Wilkins 49 Butterfly Valve
Issued: 7/24/2001
Amended: 6/1/2005, 11/4/2008, 1/26/2010

Revision: 2005
Model: 450
Size: 2 1/2 inch
Vertical Up/Vertical Down w/ Wilkins Model 48 Gate Valve, Clow R/W F6136 Gate Valve or Victaulic 702 Butterfly Valve
Issued: 7/24/2001
Amended: 6/1/2005, 11/4/2008

Revision: 2005
Model: 450
Size: 3 inch
Vertical Up/Vertical Down w/ Wilkins Model 48 Gate Valve, Clow R/W F6136 Gate Valve or Victaulic 702 Butterfly Valve
Issued: 7/24/2001
Amended: 6/1/2005, 11/4/2008

Revision: 2005
Model: 450
Size: 4 inch
Vertical Up/Vertical Down w/ Wilkins Model 48 Gate Valve, Clow R/W F6136 Gate Valve or Victaulic 702 Butterfly Valve, Wilkins 49 Butterfly Valve
Issued: 7/24/2001
Amended: 6/1/2005, 11/4/2008, 1/26/2010

Revision: 2005
Model: 450
Size: 6 inch
Vertical Up/Vertical Down w/ Wilkins Model 48 Gate Valve, Clow R/W F6136 Gate Valve or Victaulic 702 Butterfly Valve, Wilkins 49 Butterfly Valve
Issued: 7/24/2001
Amended: 6/1/2005, 11/4/2008, 1/26/2010

Revision: 2005
Model: 450
Size: 8 inch
Vertical Up/Vertical Down w/ Wilkins Model 48 Gate Valve, Clow R/W F6136 Gate Valve or Victaulic 702 Butterfly

Valve, Wilkins 49 Butterfly Valve
Issued: 7/24/2001
Amended: 6/1/2005, 11/4/2008, 1/26/2010

Revision: 2005
Model: 950 XLU
Size: 1 inch
Orientation: Horizontal w/ Wilkins 850U & 850TU
Issued: 3/1/1994
Amended: 10/23/2007

Revision: 2005
Model: 950 XLU
Size: 1-1/2 inch
Orientation: Horizontal w/ Wilkins 850U & 850TU
Issued: 3/1/1994
Amended: 10/23/2007

Revision: 2005
Model: 950 XLU
Size: 2 inch
Orientation: Horizontal w/ Wilkins 850U & 850TU
Issued: 3/1/1994
Amended: 10/23/2007

Revision: 2005
Model: 950 XLU
Size: 3/4 inch
Orientation: Horizontal w/ Wilkins 850U & 850TU
Issued: 3/1/1994
Amended: 10/23/2007

Revision: 2005
Model: 950 XLV
Size: 1 inch
Orientation: Horizontal w/ Wilkins 850 & 850T
Issued: 3/1/1994
Amended: 10/23/2007

Revision: 2005
Model: 950 XLV
Size: 3/4 inch
Orientation: Horizontal w/ Wilkins 850 & 850T
Issued: 3/1/1994
Amended: 10/23/2007

Revision: 2005
Model: 950XL
Size: 1 1/2 inch
Orientation: Horizontal - Vertical Up
w/ Wilkins 600 WOG
Issued: 3/1/1994
Amended: 10/23/2007

Revision: 2005
Model: 950XL
Size: 1 1/4 inch
Orientation: Horizontal - Vertical Up
w/ Wilkins 600 WOG
Issued: 3/1/1994
Amended: 10/23/2007

Revision: 2005
Model: 950XL
Size: 1 inch
Orientation: Horizontal w/ Wilkins 850 & 850T
Issued: 3/1/1994
Amended: 10/23/2007

Revision: 2005
Model: 950XL
Size: 2 inch
Orientation: Horizontal - Vertical Up
w/ Wilkins 600 WOG
Issued: 3/1/1994
Amended: 10/23/2007

Revision: 2005
Model: 950XL
Size: 3/4 inch
Orientation: Horizontal - Vertical Up
w/ Fortune Series (Wilkins Tag) Ball Valves QT
Issued: 3/1/1994
Amended: 10/23/2007

Revision: 2005
Model: 950XLT
Size: 1 inch
Orientation: Horizontal w/ Fortune Figure 601
Issued: 3/1/1994
Amended: 10/23/2007

Revision: 2005
Model: 950XLT
Size: 3/4 inch
Orientation: Horizontal w/ Fortune Figure 601
Issued: 3/1/1994
Amended: 10/23/2007

Revision: 2005
Model: 950XLT & 950XLT2
Size: 1 1/2 inch
Orientation: Horizontal - Vertical Up
950XLT w/ Fortune Series (Wilkins tag) Ball Valves QT
950XLT2 w/ Wilkins 850XL & 850TXL

Issued: 3/1/1994
Amended: 10/23/2007, 8/20/2012

Revision: 2005
Model: 950XLT & 950XLT2
Size: 1 1/4 inch
Orientation: Horizontal - Vertical Up
950XLT w/ Fortune Series 620/623
950XLT2 w/ Wilkins 850XL & 850TXL
Issued: 3/1/1994
Amended: 10/23/2007, 8/20/2012

Revision: 2005
Model: 950XLT &
950XLT2
Size: 2 inch
Orientation: Horizontal -
Vertical Up
950XLT w/ Fortune
Series (Wilkins tag) Ball
Valves QT
950XLT2 w/ Wilkins
850XL & 850TXL
Issued: 3/1/1994
Amended: 10/23/2007,
8/20/2012

Revision: 2005
Model: 950XLT2
Size: 1 inch
Orientation: Horizontal -
Vertical Up
w/ Wilkins 850XL &
850TXL
Issued: 10/6/2009

Revision: 2005
Model: 950XLT2
Size: 3/4 inch
Orientation: Horizontal -
Vertical Up
w/ Wilkins 850XL &
850TXL
Issued: 10/6/2009

Revision: 2005
Model: 950XLT2BF &
950XLT2BFSS
Size: 1 1/2 inch
Orientation: Horizontal -
Vertical Up
W/ Wilkins Model
49BRXL (Milwaukee
UPBBTSCW) & 49BRXLSS
(Milwaukee
UPBBTSCS02W)
Issued: 3/1/1994
Amended: 6/19/2015

Revision: 2005
Model: 950XLT2BF &
950XLT2BFSS
Size: 1 1/4 inch
Orientation: Horizontal -
Vertical Up
W/ Wilkins Model
49BRXL (Milwaukee
UPBBTSCW) & 49BRXLSS
(Milwaukee
UPBBTSCS02W)
Issued: 3/1/1994
Amended: 6/19/2015

Revision: 2005
Model: 950XLT2BF &
950XLT2BFSS
Size: 2 inch
Orientation: Horizontal -
Vertical Up
W/ Wilkins Model
49BRXL (Milwaukee
UPBBTSCW) & 49BRXLSS
(Milwaukee
UPBBTSCS02W)
Issued: 3/1/1994
Amended: 6/19/2015

Revision: 2005
Model: 950XLTBF &
950XLTBFSS
Size: 1 1/2 inch
Orientation: Horizontal -
Vertical Up
w/ BBSC100 & BBSCS02

Issued: 3/1/1994
Amended: 10/23/2007,
4/15/2009, 8/20/2012

Revision: 2005
Model: 950XLTBF &
950XLTBFSS
Size: 1 1/4 inch
Orientation: Horizontal -
Vertical Up
w/ BBSC100 & BBSCS02
Issued: 3/1/1994
Amended: 10/23/2007,
4/15/2009, 8/20/2012

Revision: 2005
Model: 950XLTBF &
950XLTBFSS
Size: 2 inch
Orientation: Horizontal -
Vertical Up
w/ BBSC100 & BBSCS02
Issued: 3/1/1994
Amended: 10/23/2007,
4/15/2009, 8/20/2012

**STANDARD #ASSE
1016**
**ASSE 1016-2017 / ASME
A112.1016-2017 / CSA
B125.16-17 Automatic
Compensating Valves
for Individual Showers &
Tub/Shower
Combination**
ASSE-2017

**Armstrong Hot Water
Group**
Revision: 2017
Model: Rada 222
AL/Rada 222 AN
Size: 3/4"
This model tested and
approved to ASSE 1016-
2011/ASME A112.1016-
2011/CSA B125.16-11
Issued: 10/23/2013
Amended: 8/20/2018

Revision: 2017
Model: Rada Sense EMV
B NPT (1503.385)
Size: 1/2" NPT
Type T
Issued: 10/23/2013
Amended: 8/20/2018

Revision: 2017
Model: Rada Sense EMV
BSM NPT (1503.383)
Size: 3/4" NPT
Type T
Issued: 10/23/2013
Amended: 8/20/2018

Revision: 2017
Model: Rada Sense EMV
S NPT HP (1503.382)
Size: 1/2" NPT
Type T
Issued: 10/23/2013
Amended: 8/20/2018

Revision: 2017
Model: Rada Sense EMV
W NPT (1503.381)
Size: 1/2" NPT
Type T
Issued: 10/23/2013
Amended: 8/20/2018

Bradley Corporation
Revision: 2017
Model: C5*
Equa-Flo Pressure
Balancing Valve (S59-
1001)
Issued: 10/11/2004

Revision: 2017
Model: EF*
Pressure Balancing Valve
(S59-1000)
Issued: 10/11/2004
Amended: 1/3/2007,
12/4/2007, 1/14/2013,
12/31/2018

Revision: 2017
Model: EFT1*
Pressure Balancing Valve
with Digital Temperature
Display (S59-1000T1)
Issued: 10/11/2004

Revision: 2017
Model: HD*
Equa-Flo Pressure
Balancing Valve (S59-
1005)
Issued: 10/11/2004

Revision: 2017
Model: HDSR*
SafeCare Equa-Flo HD
Ligature Resistant
Pressure Balancing Valve
(S59-1005SR)
Issued: 10/11/2004

Revision: 2017
Model: HDT1*
Equa-Flo Pressure
Balancing Valve with
Digital Temperature
Display (S59-1005T1)
Issued: 10/11/2004

Revision: 2017
Model: S59-1000*
Pressure Balancing Valve
(EF)
Issued: 8/31/2011
Amended: 1/3/2007,
12/4/2007, 1/14/2013,
12/31/2018

Revision: 2017
Model: S59-1000T1*
Pressure Balancing Valve
with Digital Temperature
Display (EFT1)
Issued: 10/11/2004
Amended: 1/3/2007,
12/4/2007, 1/14/2013,
12/31/2018

Revision: 2017
Model: S59-1001*
Equa-Flo Pressure
Balancing Valve (C5)
Issued: 10/11/2004

Revision: 2017
Model: S59-1005*
Equa-Flo Pressure
Balancing Valve (HD)
Issued: 10/11/2004

Revision: 2017
Model: S59-1005SR*
SafeCare Equa-Flo HD
Ligature Resistant
Pressure Balancing Valve
(HDSR)
Issued: 10/11/2004
Amended: 1/3/2007,
12/4/2007, 1/14/2013,
12/31/2018

Revision: 2017
Model: S59-1005T1*
Equa-Flo Pressure
Balancing Valve with
Digital Temperature
Display (HDT1)
Issued: 10/11/2004

Revision: 2017
Model: S59-2005*
Navigator® Thermostatic
Mixing Valve for shower
application (TMV)
Issued: 10/11/2004

Revision: 2017
Model: S59-2005T1*
Navigator® Thermostatic
Mixing Valve with Digital
Temperature Display
(TMVT1)
Issued: 10/11/2004

Revision: 2017
Model: TMV*
Navigator® Thermostatic
Mixing Valve for shower
application (S59-2005)
Issued: 10/11/2004

Revision: 2017
Model: TMVT1*
Navigator® Thermostatic
Mixing Valve with Digital
Temperature Display
(S59-2005T1)
Note: Series model
numbers designated
with a "*" may be
followed by alpha-
numeric codes, which
does not affect function
or form of the products,
to indicate:
o Customer
model number
Issued: 10/11/2004

**Chicago Faucet / A
Geberit Company**
Revision: 2017
Model: 1900- (CP,
600CP, 621CP, VOCP,
VOCCP)
Size: 1/2"
Type P
Issued: 5/28/2009

Revision: 2017
Model: 1905- (CP,
600CP, 621CP, VOCP,
VOCCP)
Size: 1/2"
Type P/T
Issued: 5/28/2009

Revision: 2017
Model: 1907- (CP,
600CP, 621CP, VOCP,
VOCCP)
Size: 1/2"
Type P/T
Issued: 5/28/2009

Revision: 2017
Model: 2500
Exemption from
displaying the logo
granted 11/21/2005
Issued: 5/14/1996
Amended: 5/4/2001,
11/21/2005, 4/18/2007,
5/28/2015

Revision: 2017
Model: 2501
Exemption from
displaying the logo
granted 11/21/2005
Issued: 5/14/1996
Amended: 5/4/2001,
11/21/2005, 4/18/2007,
5/28/2015

Revision: 2017
Model: 2502
Exemption from
displaying the logo
granted 11/21/2005
Issued: 5/14/1996
Amended: 5/4/2001,
11/21/2005, 4/18/2007,
5/28/2015

Chung Cheng Faucet Co.

Revision: 2017
 Model: 57 Series
 (57XXXXXX#-XX)
 Size: 1/2 inch
 # corresponds to A, B, C,
 or D.
 Issued: 12/1/2014

Revision: 2017
 Model: 57 Series
 (57XXXXXXE-XX)
 Size: 1/2 inch
 Model E
 Issued: 12/21/2016

Hsien Chang Metals Co.

Revision: 2017
 Model: 01T
 Size: 1/2" & 3/4" NPT
 Rough in control valve
 only
 Issued: 11/10/2003
 Amended: 9/29/2004,
 5/23/2007, 4/14/2008

Revision: 2017
 Model: 11T
 Size: 1/2" & 3/4" NPT
 Issued: 11/10/2003
 Amended: 9/29/2004,
 5/23/2007, 4/14/2008

Revision: 2017
 Model: 21T
 Size: 1/2" & 3/4" NPT
 Issued: 2/15/2005
 Amended: 9/29/2004,
 5/23/2007, 4/14/2008

Revision: 2017
 Model: 21TD
 Size: 1/2"
 Issued: 11/10/2003

Revision: 2017
 Model: 31T
 Size: 1/2" & 3/4" NPT
 Complete unit including
 mixer, shut-off valves
 and trim package
 Issued: 11/10/2003
 Amended: 9/29/2004,
 4/14/2008

Revision: 2017
 Model: 34P
 Size: 1/2 inch
 Issued: 11/10/2003
 Amended: 9/29/2004,
 4/14/2008

Revision: 2017
 Model: 34P-PEX
 Size: 1/2 inch
 Issued: 11/10/2003
 Amended: 9/29/2004,
 4/14/2008

Revision: 2017
 Model: 37BC
 Size: 1/2"
 Issued: 2/15/2005
 Amended: 9/29/2004,
 4/14/2008

Revision: 2017
 Model: 37P
 Size: 1/2 inch
 Issued: 11/10/2003
 Amended: 9/29/2004,
 4/14/2008

Revision: 2017
 Model: 37PC
 Size: 1/2 inch
 Issued: 11/10/2003
 Amended: 9/29/2004,
 4/14/2008

Revision: 2017
 Model: 37PC-K
 Size: 1/2 inch
 Issued: 11/10/2003
 Amended: 9/29/2004,
 4/14/2008

Revision: 2017
 Model: 37PC-K-PEX
 Size: 1/2 inch
 Issued: 11/10/2003
 Amended: 9/29/2004,
 4/14/2008

Revision: 2017
 Model: 37P-K
 Size: 1/2 inch
 Issued: 11/10/2003
 Amended: 9/29/2004,
 4/14/2008

Revision: 2017
 Model: 37P-K-PEX
 Size: 1/2 inch
 Issued: 11/10/2003
 Amended: 9/29/2004,
 4/14/2008

Revision: 2017
 Model: 38BC
 Size: 1/2"
 Issued: 2/15/2005
 Amended: 9/29/2004,
 4/14/2008

Revision: 2017
 Model: 38P & 38P-PEX
 Size: 1/2 inch
 Issued: 11/10/2003
 Amended: 9/29/2004,
 4/14/2008

Revision: 2017
 Model: 38PC & 38PC-PEX
 Size: 1/2 inch
 Issued: 11/10/2003
 Amended: 9/29/2004,
 4/14/2008

Revision: 2017
 Model: 38PC-D
 Size: 1/2"
 Issued: 2/15/2005
 Amended: 9/29/2004,
 4/14/2008

Revision: 2017
 Model: 38P-D
 Size: 1/2"
 Issued: 2/15/2005
 Amended: 9/29/2004,
 4/14/2008

Revision: 2017
 Model: 38TC
 Size: 1/2"
 Issued: 11/10/2003

Revision: 2017
 Model: 40BC
 Size: 1/2"
 Issued: 2/15/2005
 Amended: 9/29/2004,
 4/14/2008

Revision: 2017
 Model: 40P
 Size: 1/2"
 Issued: 2/15/2005
 Amended: 9/29/2004,
 4/14/2008

Revision: 2017
 Model: 40PC
 Size: 1/2"
 Issued: 2/15/2005
 Amended: 9/29/2004,
 4/14/2008

Revision: 2017
 Model: PC-D2
 Size: 1/2"
 Issued: 2/15/2005
 Amended: 9/29/2004,
 4/14/2008

Revision: 2017
 Model: P-D2
 Size: 1/2"
 Issued: 2/15/2005
 Amended: 9/29/2004,
 4/14/2008

Revision: 2017
 Model: T-*M01
 Size: w/ outlet size of
 1/2", 3/4", 1"
 Issued: 11/10/2003
 Amended: 1/11/2011

Revision: 2017
 Model: T-*T01
 Size: w/ outlet size of
 1/2", 3/4", 1"
 Issued: 11/10/2003
 Amended: 1/11/2011

Revision: 2017
 Model: T-*Y01
 Size: w/ outlet size of
 1/2", 3/4", 1"
 Issued: 11/10/2003
 Amended: 1/11/2011

Kohler-Mira
 Revision: 2017
 Model: Rada Sense EMV
 B NPT (1503.385)
 Size: 1/2" NPT
 Type T
 Issued: 3/2/2009

Revision: 2017
 Model: Rada Sense EMV
 BSM NPT (1503.383)
 Size: 3/4" NPT
 Type T
 Issued: 3/2/2009

Revision: 2017
 Model: Rada Sense EMV
 S NPT HP (1503.382)
 Size: 1/2" NPT
 Type T
 Issued: 3/2/2009

Revision: 2017
 Model: Rada Sense EMV
 W NPT (1503.381)
 Size: 1/2" NPT
 Type T
 Issued: 3/2/2009

Lawler Manufacturing Company, Inc.

Revision: 2017
 Model: 3000
 Issued: 7/7/1999
 Amended: 10/2/2007,
 4/23/2018

Revision: 2017
 Model: 310
 Issued: 7/7/1999
 Amended: 4/23/2018

Revision: 2017
 Model: 7000
 Issued: 7/7/1999
 Amended: 10/2/2007,
 4/23/2018

Leonard Valve
 Revision: 2017
 Model: 7600
 Size: 1/2" NPT
 Type T
 Issued: 4/28/2009
 Amended: 6/14/2010

Revision: 2017
 Model: 7600-E
 Size: 1/2" FNPT inlet x
 1/2" FNPT outlet
 Type T
 Issued: 4/7/2010
 Amended: 6/14/2010

Revision: 2017
 Model: Advantage 6700
 & Advantage 6700LR
 Size: 1/2"
 Issued: 11/1/2013
 Amended: 11/18/1998,
 11/19/2007, 2/17/2009,
 6/14/2010

Revision: 2017
 Model: Aquatrol 4500 &
 Aquatrol 4500LR
 Size: 1/2"
 Issued: 11/1/2013
 Amended: 11/18/1998,
 11/19/2007, 2/17/2009,
 6/14/2010

Revision: 2017
 Model: PAM II ST & PAM
 II E (PAM II ST LR & PAM
 II E LR)
 Size: 1/2"
 Issued: 11/1/2013
 Amended: 11/18/1998,
 11/19/2007, 2/17/2009,
 6/14/2010

Revision: 2017
 Model: SS-7600
 Size: 1/2" NPT male inlet
 x 1/2" female sweat
 outlet
 Type T
 Issued: 4/28/2009
 Amended: 2/8/2010,
 6/14/2010

Revision: 2017
 Model: SS-PAM
 Size: 1/2"
 Issued: 11/1/2013

Moen, Inc.

Revision: 2017
 Model: .Note:
 Model numbers listed
 may be preceded by -FP
 to indicate a flush plug
 Issued: 6/18/2018

Revision: 2017
 Model: CFG 45311
 Size: 1/2"
 CC/IPS, stops included
 Issued: 6/6/2001
 Amended: 6/17/2018

Revision: 2017
 Model: CFG 45312
 Size: 1/2"
 CC/IPS
 Issued: 6/6/2001
 Amended: 6/17/2018

Revision: 2017
 Model: CFG 45313
 Size: 1/2"
 PEX, includes tub drop
 Issued: 6/6/2001
 Amended: 6/17/2018

Revision: 2017
 Model: CFG 45317
 Size: 1/2"
 IPS, stops included
 Issued: 12/13/2004
 Amended: 9/13/2012,
 6/17/2018

Revision: 2017
 Model: CFG 45318
 Size: 1/2"
 IPS
 Issued: 12/13/2004
 Amended: 9/13/2012,
 6/17/2018

Revision: 2017
 Model: CFG 45319
 Size: 1/2"
 PEX
 Issued: 6/6/2001
 Amended: 6/17/2018

Revision: 2017
 Model: CFG 45320
 Size: 1/2"
 PEX, stops included
 Issued: 6/6/2001
 Amended: 6/17/2018

Revision: 2017
Model: CFG 45321
Size: 1/2"
CPVC, stops included
Issued: 6/6/2001
Amended: 6/17/2018

Revision: 2017
Model: CFG 45511
Size: 1/2"
CC/IPS, stops included,
volume control valve
Issued: 6/6/2001
Amended: 6/17/2018

Revision: 2017
Model: CFG 45513
Size: 1/2"
PEX, volume control with
tub drop
Issued: 6/6/2001
Amended: 6/17/2018

Revision: 2017
Model: CFG 45514
Size: 1/2"
PEX, volume control
valve, w/o tub drop
Issued: 12/13/2004
Amended: 1/30/2013,
6/17/2018

Revision: 2017
Model: ExactTemp
S3371
Size: 3/4"
IPS, stops included
Issued: 6/6/2001
Amended: 6/17/2018

Revision: 2017
Model: Moentrol 3150
Size: 1/2"
IPC, stops included,
includes trim
Issued: 6/7/2002
Amended: 12/18/2007,
5/26/2010, 6/10/2010,
9/17/2012, 6/17/2018

Revision: 2017
Model: Moentrol 3320
Size: 1/2"
IPC, stops included,
includes 3 function
transfer valve
Issued: 5/29/2001
Amended: 12/18/2007,
5/26/2010, 6/10/2010,
9/17/2012, 6/17/2018

Revision: 2017
Model: Moentrol 3330
Size: 1/2"
CC, stops included,
includes 3 function
transfer valve
Issued: 5/29/2001
Amended: 12/18/2007,
5/26/2010, 6/10/2010,
9/17/2012, 6/17/2018

Revision: 2017
Model: Moentrol 3350
Size: 1/2"
CC, stops included,
includes 2 function
transfer valve
Issued: 3/8/2012
Amended: 9/17/2012,
6/17/2018

Revision: 2017
Model: Moentrol 3510
Size: 1/2"
IPS
Issued: 6/6/2001
Amended: 6/17/2018

Revision: 2017
Model: Moentrol 3520
Size: 1/2"
CC
Issued: 6/7/2002
Amended: 12/18/2007,
5/26/2010, 6/10/2010,
9/17/2012, 6/17/2018

Revision: 2017
Model: Moentrol 3570
Size: 1/2"
CC, stops included
Issued: 6/6/2001
Amended: 8/1/2004,
12/18/2007,
11/10/2008, 4/8/2009,
6/10/2010, 9/17/2012,
6/17/2018

Revision: 2017
Model: Moentrol 63150
Size: 1/2"
IPS, stops included
Issued: 6/6/2001
Amended: 8/1/2004,
12/18/2007,
11/10/2008, 4/8/2009,
6/10/2010, 9/17/2012,
6/17/2018

Revision: 2017
Model: Moentrol 63170
Size: 1/2"
CC, stops included, bulk
pack of 3570
Issued: 6/6/2001
Amended: 8/1/2004,
12/18/2007,
11/10/2008, 4/8/2009,
6/10/2010, 9/17/2012,
6/17/2018

Revision: 2017
Model: PosiTemp 2510
Size: 1/2"
IPS
Issued: 6/6/2001
Amended: 8/1/2004,
12/18/2007,
11/10/2008, 4/8/2009,
9/23/2011, 9/17/2012,
6/17/2018

Revision: 2017
Model: PosiTemp 2520
Size: 1/2"
CC
Issued: 6/6/2001
Amended: 6/17/2018

Revision: 2017
Model: PosiTemp 2570
Size: 1/2"
CC, stops included
Issued: 6/6/2001
Amended: 8/1/2004,
12/18/2007,
11/10/2008, 4/8/2009,
9/17/2012, 6/17/2018

Revision: 2017
Model: PosiTemp 2590
Size: 1/2"
IPS, stops included
Issued: 6/6/2001
Amended: 6/17/2018

Revision: 2017
Model: PosiTemp 62300
Size: 1/2"
IPC, bulk pack of 2510
Issued: 6/6/2001
Amended: 8/1/2004,
12/18/2007,
11/10/2008, 4/8/2009,
9/17/2012, 6/17/2018

Revision: 2017
Model: PosiTemp 62320
Size: 1/2"
CC, bulk pack of 2520
Issued: 6/6/2001
Amended: 8/1/2004,
12/18/2007,
11/10/2008, 4/8/2009,
9/17/2012, 6/17/2018

Revision: 2017
Model: PosiTemp 62330
Size: 1/2"
CPVC, stops included
Issued: 6/6/2001
Amended: 6/17/2018

Revision: 2017
Model: PosiTemp 62340
Size: 1/2"
CPVC
Issued: 6/6/2001
Amended: 6/17/2018

Revision: 2017
Model: PosiTemp 62345
Size: 1/2"
CC/IPS
Issued: 7/21/2014
Amended: 6/17/2018

Revision: 2017
Model: PosiTemp 62360
Size: 1/2"
PEX, stops included
Issued: 6/6/2001
Amended: 6/17/2018

Revision: 2017
Model: PosiTemp 62365
Size: 1/2"
Cold Exp. PEX
Issued: 7/29/2011
Amended: 9/17/2012,
6/17/2018

Revision: 2017
Model: PosiTemp 62370
Size: 1/2"
CC, stops included, bulk
pack of 2570
Issued: 6/6/2001
Amended: 8/1/2004,
12/18/2007,
11/10/2008, 4/8/2009,
9/17/2012, 6/17/2018

Revision: 2017
Model: PosiTemp 62380
Size: 1/2"
PEX, bulk pack of 2580
Issued: 6/6/2001
Amended: 6/17/2018

Revision: 2017
Model: PosiTemp 62385
Size: 1/2"
Cold Exp. PEX, stops
included
Issued: 6/6/2001
Amended: 6/17/2018

Revision: 2017
Model: PosiTemp 62390
Size: 1/2"
IPS, stops included, bulk
pack of 2590
Issued: 6/6/2001
Amended: 6/17/2018

Revision: 2017
Model: PosiTemp
8370HD
Size: 1/2"
CC, includes heavy duty
cartridge
Issued: 1/3/2012
Amended: 9/17/2012,
6/17/2018

Revision: 2017
Model: PosiTemp
8371HD
Size: 1/2"
CC, stops included,
includes heavy duty
cartridge
Issued: 1/3/2012
Amended: 9/17/2012,
6/17/2018

Revision: 2017
Model: PosiTemp
8372HD
Size: 1/2"
IPC, stops included,
includes heavy duty
cartridge
Issued: 1/3/2012
Amended: 9/17/2012,
6/17/2018

Revision: 2017
Model: PosiTemp
8373HD
Size: 1/2"
PEX, stops included,
includes heavy duty
cartridge
Issued: 1/3/2012
Amended: 9/17/2012,
6/17/2018

Revision: 2017
Model: PosiTemp
8374HD
Size: 1/2"
CPVC, stops included,
includes heavy duty
cartridge
Issued: 6/6/2001
Amended: 6/17/2018

Revision: 2017
Model: PosiTemp
8375HD
Size: 1/2"
Cold Exp. PEX, stops
included, includes heavy
duty cartridge
Issued: 6/6/2001
Amended: 3/7/2013,
6/17/2018

Revision: 2017
Model: U by Moen
S3102
Size: 1/2"
CC
Issued: 7/6/2017
Amended: 7/9/2018

Revision: 2017
Model: U by Moen
S3104
Size: 3/4"
CC
Issued: 7/6/2017
Amended: 7/9/2018

**Powers, a Watts
Regulator Company**
Revision: 2017
Model: e420 Series-
e420T11/T12/T21/T22/S
11/S12/S21/S22
Size: 1/2" NPT and 1/2"
Sweat
Type P/T
Issued: 4/14/2009

Revision: 2017
Model: e423 Series
(e423320 & 420-062)
Size: 1/2" NPT
Type P/T
Issued: 4/14/2009

Revision: 2017
Model: e427/e428 High
Temp
Size: 1/2"
Type T
Issued: 6/4/2003
Amended: 5/5/2008

Revision: 2017
Model: e427/e428 Low Temp
Size: 1/2"
Type T
Issued: 6/4/2003
Amended: 5/5/2008

Revision: 2017
Model: e428/e427
Size: 1/2 inch
Type T
Issued: 6/4/2003
Amended: 5/5/2008

Revision: 2017
Model: e705
Size: 1/2 inch
Type P/T 1/2" solder connection
Issued: 5/31/2003
Amended: 3/10/2004, 3/7/2005, 6/12/2008

Revision: 2017
Model: e707
Size: 1/2 inch
Type P/T 1/2" solder connection
Issued: 2/27/2006
Amended: 6/12/2008

Revision: 2017
Model: e710
Size: 1/2 inch
Type P/T 1/2" solder connection
Issued: 5/31/2003
Amended: 3/10/2004, 3/7/2005, 6/12/2008

Revision: 2017
Model: e720
Size: 1/2 inch
Type P/T 1/2" NPT connection
Issued: 6/12/2008
Amended: 6/12/2008

Revision: 2017
Model: PB410 Series (PB413 & PB417)
Size: 1/2" sweat connections
Type P
Issued: 4/14/2009

Revision: 2017
Model: Series 900 (P902H, P902G, P905H, P905G, P909H, P909G, P910H, P910G)
Size: 1/2 inch
Type P
Issued: 10/6/2003
Amended: 2/21/2008, 5/5/2008

Rohi, LLC
Revision: 2017
Model: RCT-1, RCT-2
Issued: 11/30/2017

Steamist Inc.
Revision: 2017
Model: TSSH
Size: 1/2" NPT
TotalSense Shower Valve
Issued: 3/3/2015

Gerber Plumbing Fixtures

Revision: 2005
Model: 49-700 Series
Issued: 10/24/2001
Amended: 2/10/2010

Revision: 2005
Model: 49-800 Series
Issued: 10/24/2001
Amended: 2/10/2010

TOTO USA C/O Globe Union Industrial

Revision: 2005
Model: TSPTR
Size: 1/2 inch
Issued: 6/22/2005
Amended: 3/23/2009

Revision: 2005
Model: TSPVR
Size: 1/2 inch
Issued: 6/22/2005
Amended: 3/23/2009

TOTO USA, Inc.

Revision: 2005
Model: TSPTM
Size: 1/2 inch
Issued: 8/22/2011

Revision: 2005
Model: TSTT
Size: 3/4"
Issued: 1/5/2009

Revision: 2005
Model: TS-XX and TS-XX(R)
Size: 1/2" NPT
XX may represent TA, TD, or ST
Issued: 1/7/2011
Amended: 4/14/2014

Zurn Industries, Inc.

Revision: 2005
Model: 7500-100
Size: 1/2" Sweat
Issued: 11/16/2010

Revision: 2005
Model: Temp-Gard III
Size: 1/2"
(TPK7300-SS, TPK7300-SSC, Z7300-SS, Z7300-SSC)
Issued: 3/7/2006
Amended: 11/21/2007, 8/4/2010

Revision: 2005
Model: Z7100-SS, Z7101-SS, Z7120-SS, Z7121-SS, Z7200-SS, Z7201-SS, Z7220-SS, Z7221-SS
Issued: 5/25/1993
Amended: 8/13/2007

Revision: 2005
Model: Z7220-SS-RC, Z7221-SS-RC, Z7120-SS-RC, Z7121-SS-RC
Issued: 5/25/1993
Amended: 8/13/2007

STANDARD #ASSE 1017

Temperature Actuated Mixing Valves for Hot Water Distribution Systems ASSE-2009

Ademco Inc. / Honeywell

Revision: 2009
Model: AM100C-xx-1
Size: 1/2 inch
-xx- Includes the following end connections: FNPT, Union Sweat (US), Union NPT (UT), Compression (UC), Union CPVC (UCPVC), Union PEX (UPEX), Union Press (UP)
Issued: 5/4/2000
Amended: 1/11/2008, 2/7/2008, 3/4/2010, 3/31/2017, 4/24/2018, 10/5/2018

Revision: 2009
Model: AM100C-xx-1LF
Size: 1/2 inch
-xx- Includes the following end connections: FNPT, Union Sweat (US), Union NPT (UT), Compression (UC), Union CPVC (UCPVC), Union PEX (UPEX), Union Press (UP), Union Sweat Temperature Gauge (USTG)
Issued: 5/4/2000
Amended: 3/31/2017, 4/24/2018, 10/5/2018

Revision: 2009
Model: AM100-xx-1
Size: 1/2 inch
-xx- Includes the following end connections: FNPT, Union Sweat (US), Union NPT (UT), Compression (UC), Union CPVC (UCPVC), Union PEX (UPEX), and Union Press (UP), Push Fit (SB)
Issued: 5/4/2000
Amended: 1/11/2008, 2/7/2008, 3/4/2010, 3/31/2017, 4/24/2018, 8/16/2018, 10/5/2018

Revision: 2009
Model: AM100-xx-1LF
Size: 1/2 inch
-xx- Includes the following end connections: FNPT, Union Sweat (US), Union Press (UP), Union Sweat Temperature Gauge (USTG), Push Fit (SB), Union NPT (UT), Union CPVC (UCPVC), Union PEX (UPEX)
Issued: 5/4/2000
Amended: 3/31/2017, 4/24/2018, 8/16/2018, 10/5/2018

Revision: 2009
Model: AM101C-xx-1
Size: 3/4 inch
-xx- Includes the following end connections: FNPT, Union Sweat (US), Union NPT (UT), Compression (UC), Union CPVC (UCPVC), Union PEX (UPEX), Union Press (UP)
Issued: 5/4/2000
Amended: 1/11/2008, 2/7/2008, 3/4/2010, 3/31/2017, 4/24/2018, 10/5/2018

Revision: 2009
Model: AM101C-xx-1LF
Size: 3/4 inch
-xx- Includes the following end connections: FNPT, Union Sweat (US), Union Press (UP), Union Sweat Temperature Gauge (USTG), Union NPT (UT), Union CPVC (UCPVC), Union PEX (UPEX)
Issued: 5/4/2000
Amended: 3/31/2017, 4/24/2018, 10/5/2018

Revision: 2009
Model: AM101-xx-1
Size: 3/4 inch
-xx- Includes the following end connections: FNPT, Union Sweat (US), Union NPT (UT), Compression

(UC), Union CPVC (UCPVC), Union Pex (UPEX), Union Press (UP), Push Fit (SB)
Issued: 5/4/2000
Amended: 1/11/2008, 2/7/2008, 3/4/2010, 3/31/2017, 4/24/2018, 10/5/2018

Revision: 2009
Model: AM101-xx-1LF
Size: 3/4 inch
-xx- Includes the following end connections: FNPT, Union Sweat (US), Union Press (UP), Union Sweat Temperature Gauge (USTG), Push Fit (SB), Union NPT (UT), Union CPVC (UCPVC), Union PEX (UPEX)
Issued: 5/4/2000
Amended: 3/31/2017, 4/24/2018, 8/16/2018, 10/5/2018

Revision: 2009
Model: AM102C-xx-1
Size: 1 inch
-xx- Includes the following end connections: FNPT, Union Sweat (US), Union NPT (UT), Union Press (UP)
Issued: 5/4/2000
Amended: 1/11/2008, 2/7/2008, 3/4/2010, 3/31/2017, 4/24/2018, 10/5/2018

Revision: 2009
Model: AM102C-xx-1LF
Size: 1 inch
-xx- Includes the following end connections: FNPT, Union Sweat (US), Union Press (UP), Union Sweat Temperature Gauge (USTG), Union NPT (UT)
Issued: 5/4/2000
Amended: 3/31/2017, 4/24/2018, 10/5/2018

Revision: 2009
Model: AM102-xx-1
Size: 1 inch
-xx- Includes the following end connections: FNPT, Union Sweat (US), Union NPT (UT), Union Press (UP), Push Fit (SB)
Issued: 5/4/2000
Amended: 1/11/2008, 2/7/2008, 3/4/2010, 3/31/2017, 4/24/2018, 10/5/2018

Revision: 2009
Model: AM102-xx-1LF
Size: 1 inch
-xx- Includes the following end connections: FNPT, Union Sweat (US), Union NPT (UT), Union Press (UP), Push Fit (SB)
Issued: 5/4/2000
Amended: 1/11/2008, 2/7/2008, 3/4/2010, 3/31/2017, 4/24/2018, 10/5/2018

connections: FNPT, Union Sweat (US), Union Press (UP), Union Sweat Temperature Gauge (USTG), Push Fit (SB), Union NPT (UT)
Issued: 5/4/2000
Amended: 3/31/2017, 4/24/2018, 8/16/2018, 10/5/2018

Revision: 2009
Model: AM11LF-1070 Series
Includes:
Union Sweat:
AM100C1070-US-1LF (1/2"); AM101C1070-US-1LF (3/4"); AM102C1070-US-1LF (1");
Union Thread:
AM100C1070-UT-1LF (1/2"); AM101C1070-UT-1LF (3/4"); AM102C1070-UT-1LF (1");
Union CPVC:
AM100C1070-UCPVC-1LF (1/2"); AM101C1070-UCPVC-1LF (3/4");
Union PEX:
AM100C1070-UPEX-1LF (1/2"), AM101C1070-UPEX-1LF (3/4")
Union Press:
AM100C1070-UP-1LF (1/2"), AM101C1070-UP-1LF (3/4"), AM102C1070-UP-1LF (1")
Temp Gauge:
AM100C1070-USTG-LF (1/2"), AM101C1070-USTG-LF (3/4"), AM102C1070-USTG-LF (1")

Issued: 7/19/2011
Amended: 4/24/2018, 10/5/2018

Revision: 2009
Model: MX127LF
Size: 1 inch
Issued: 8/26/2016
Amended: 4/24/2018, 10/5/2018

Revision: 2009
Model: MX128LF
Size: 1-1/4 inch
Issued: 8/26/2016
Amended: 4/24/2018, 10/5/2018

Revision: 2009
Model: MX129LF
Size: 1-1/2 inch
Issued: 8/26/2016
Amended: 4/24/2018, 10/5/2018

Revision: 2009
Model: MX130LF
Size: 2 inch
Issued: 12/7/2016
Amended: 4/24/2018, 10/5/2018

Revision: 2009
Model: MX131LF
Size: 2-1/2 inch
Issued: 12/7/2016
Amended: 4/24/2018, 10/5/2018

Revision: 2009
Model: MX132LF
Size: 3 inch
Issued: 12/7/2016
Amended: 4/24/2018, 10/5/2018

Revision: 2009
Model: YHAM101C-US-1 & RC-AM101C-US-1
Size: 1/2 inch
Includes Union end connections
Issued: 2/17/2009
Amended: 3/4/2010, 4/24/2018, 10/5/2018

AERCO, a Watts Regulator Company

Revision: 2009
Model: ADMS150-D(1)-(2)(3)0
Size: 1-1/2" and 2"
Max working pressure 200 psi
Issued: 5/22/2017
Amended: 6/5/2018, 6/27/2018

Revision: 2009
Model: ADMS150-S(1)-(2)(3)0
Size: 1-1/2" and 2"
Max working pressure 200 psi
Issued: 5/22/2017
Amended: 6/5/2018, 6/27/2018

Revision: 2009
Model: ADMS200-D(1)-(2)(3)0
Size: 1-1/2" and 2"
Max working pressure 200 psi
Issued: 5/22/2017
Amended: 6/5/2018, 6/27/2018

Revision: 2009
Model: ADMS200-S(1)-(2)(3)0
Size: 1-1/2" and 2"
Max working pressure 200 psi
Issued: 5/22/2017
Amended: 6/5/2018, 6/27/2018

Revision: 2009
Model: ADMS200-T(1)-(2)-(3)0
Size: 1-1/2" and 2"
Max working pressure 200 psi

(1) Return Size
1 - 1 inch
2 - 2 inch
3 - 3 inch

(2) Option
1 - Flow/BTU Package
0 - No Flow/BTU Package

(3) Option
1 - Strainer
0 - No Strainer

Issued: 5/22/2017
Amended: 6/5/2018, 6/27/2018

Apollo Valves / Conbraco Industries

Revision: 2009
Model: 34A & 34A LF Series (Model MVA & MVA-LF)
Size: 1 inch
Issued: 8/25/2002
Amended: 6/19/2018

Revision: 2009
Model: 34A & 34A LF Series (Model MVA & MVA-LF)
Size: 1/2 inch
Issued: 8/25/2002
Amended: 6/19/2018

Revision: 2009
Model: 34A & 34A LF Series (Model MVA & MVA-LF)
Size: 3/4 inch
Issued: 8/25/2002
Amended: 6/19/2018

Revision: 2009
Model: 34B & 34B LF Series (Model MVB & MVB-LF)
Size: 1"
Minimum Flow Rate: 1.5 GPM
Issued: 8/25/2002
Amended: 6/19/2018

Revision: 2009
Model: 34B & 34B LF Series (Model MVB & MVB-LF)
Size: 1/2", 3/4"
Issued: 8/25/2002
Amended: 6/19/2018

Revision: 2009
Model: 34C & 34CLF Series
Size: 1 inch
Issued: 8/25/2002
Amended: 10/10/2006, 3/4/2010

Revision: 2009
Model: 34C & 34CLF Series
Size: 1-1/2 inch
Issued: 8/25/2002
Amended: 10/10/2006, 3/4/2010

Revision: 2009
Model: 34C & 34CLF Series
Size: 1-1/4 inch
Issued: 8/25/2002
Amended: 10/10/2006, 3/4/2010

Revision: 2009
Model: 34C & 34CLF Series
Size: 2 inch
Issued: 8/25/2002
Amended: 10/10/2006, 3/4/2010

Revision: 2009
Model: 34C & 34CLF Series
Size: 3/4 inch
Issued: 8/25/2002
Amended: 10/10/2006, 3/4/2010

Revision: 2009
Model: 34HL-105-01 (Model MVHL)
Size: 1" x 1 1/4"
Issued: 8/25/2002
Amended: 6/19/2018

Revision: 2009
Model: MVBLF (34BLF 310 Series)
Size: 1"
.5 gpm Minimum flow rate
Issued: 8/25/2002
Amended: 6/19/2018, 6/19/2018

Revision: 2009
Model: MVBLF (34BLF 310 Series)
Size: 1/2 and 3/4"
.5 gpm Minimum flow rate
Issued: 8/25/2002
Amended: 6/19/2018, 6/19/2018

Armstrong Hot Water Group

Revision: 2009
Model: 320
Includes: 320, 320D, 320R, 320 FMC, 320 SMC, 320R SMC
Issued: 3/16/2000
Amended: 4/18/2007, 3/4/2010

Revision: 2009
Model: 425
Includes: 425, 425D, 425R, 425 FMC, 425 SMC, 425R FMC, 425R SMC
Issued: 4/28/1993
Amended: 4/18/2007, 3/4/2010

Revision: 2009
Model: DRV40 (THE BRAIN)
Size: 1 1/2 inch inlets (40mm)
Issued: 1/22/2009

Revision: 2009
Model: DRV80 (THE BRAIN)
Size: 3" NPT Inlet x 3" NPT Outlet
Issued: 1/22/2009
Amended: 3/4/2010

Revision: 2009
Model: DRV80 Generation 2 (THE BRAIN)
Size: 3" NPT inlet x 3" NPT Outlet
Issued: 1/22/2009

Bradley Corporation
Revision: 2009
Model: S59-2007*

Note: Series model numbers designated with a "*" may be followed by alpha-numeric codes, which does not affect function or form of the products, to indicate:
o exterior finish options
o thermometer option
o customer model number
Issued: 8/7/2003
Amended: 3/4/2010, 12/31/2018

Revision: 2009
Model: S59-2025+
Issued: 8/7/2003
Amended: 3/23/2006, 3/26/2009, 3/4/2010, 12/31/2018

Revision: 2009
Model: S59-2045+
Issued: 8/7/2003
Amended: 3/23/2006, 3/26/2009, 3/4/2010, 5/24/2018, 12/31/2018

Revision: 2009
Model: S59-2080+
Issued: 8/7/2003
Amended: 3/23/2006, 3/26/2009, 3/4/2010, 5/24/2018, 12/31/2018

Revision: 2009
Model: S59-2130+
Issued: 8/7/2003
Amended: 3/23/2006,
3/26/2009, 3/4/2010,
12/31/2018

Revision: 2009
Model: S59-2200+

Note: Series model numbers designated with a "+" may be followed by alpha-numeric codes, which does not affect function or form of the products, to indicate:

- o exterior finish options
 - o thermostat options: Standard and High
 - o dial thermometer option
 - o customer model number
- Issued: 8/7/2003
Amended: 3/4/2010,
12/31/2018

Revision: 2009
Model: S59-3045+
Issued: 8/7/2003
Amended: 3/23/2006,
3/26/2009, 3/4/2010,
5/24/2018, 12/31/2018

Revision: 2009
Model: S59-3080+
Issued: 8/7/2003
Amended: 3/23/2006,
3/26/2009, 3/4/2010,
5/24/2018, 12/31/2018

Revision: 2009
Model: S59-3130+
Issued: 8/7/2003
Amended: 3/23/2006,
3/26/2009, 3/4/2010,
12/31/2018

Revision: 2009
Model: S59-3200+

Note: Series model numbers designated with a "+" may be followed by alpha-numeric codes, which does not affect function or form of the products, to indicate:

- o exterior finish options
 - o thermostat options: Standard and High
 - o customer model number
- Issued: 8/7/2003
Amended: 3/23/2006,
3/26/2009, 3/4/2010,
12/31/2018

Revision: 2009
Model: S59-4015
Size: 1/2" Dual
NPT/Sweat connections
Issued: 8/9/2004
Amended: 9/13/2005,
2/27/2006, 3/4/2010,
8/19/2010

Revision: 2009
Model: S59-4015
Size: 3/4" NPT connections
Issued: 8/9/2004
Amended: 9/13/2005,
2/27/2006, 3/4/2010,
8/19/2010

Revision: 2009
Model: S59-4015
Size: 3/4" Sweat Connections
Issued: 8/9/2004
Amended: 9/13/2005,
2/27/2006, 3/4/2010,
8/19/2010

Revision: 2009
Model: S59-4016+

Note: Series model numbers designated with a "+" may be followed by alpha-numeric codes, which does not affect function or form of the products, to indicate:

- o NPT connection options
- o Sweat connection options
- o PEX connection options
- o PEX expansion connection options
- o customer model number

Issued: 2/15/2012
Amended: 12/31/2018

Cash Acme / Reliance Worldwide Corp

Revision: 2009
Model: Heatguard 110 HX LF
Size: 1" NPT, Sweat, PEX Barb, CPVC, Sharkbite
w/ Lead Content less than or equal to .25%
Issued: 1/6/2003

Revision: 2009
Model: Heatguard 110 HX LF
Size: 1/2" NPT, Sweat, PEX Barb, CPVC, Sharkbite
w/ Lead Content less than or equal to .25%
Issued: 1/6/2003

Revision: 2009
Model: Heatguard 110 HX LF
Size: 3/4" NPT, Sweat, PEX Barb, CPVC, Sharkbite
w/ Lead Content less than or equal to .25%
Issued: 1/6/2003

Revision: 2009
Model: Heatguard 110 HX LF
Size: FNPT 3/4"
w/ Lead Content less than or equal to .25%
Issued: 1/6/2003

Revision: 2009
Model: Heatguard 110 LF
Size: FNPT 3/4"
w/Lead Content less than or equal to 0.25%
Issued: 10/7/2015

Revision: 2009
Model: Heatguard 110-D (LF)
Size: FNPT 3/4"
w/ Lead Content less than or equal to .25%
Issued: 1/6/2003

Revision: 2009
Model: Heatguard 110-D (LF), Heatguard 110-BV (LF)
Size: 1" NPT, Sweat, PEX Barb, CPVC, Sharkbite
w/ Lead Content less than or equal to .25%
Issued: 1/6/2003

Amended: 3/8/2010,
11/29/2010, 12/8/2010

Revision: 2009
Model: Heatguard 110-D (LF), Heatguard 110-BV (LF)
Size: 1/2" NPT, Sweat, PEX Barb, CPVC, Sharkbite
w/ Lead Content less than or equal to .25%
SB - Shark Bite Fittings
Issued: 1/6/2003
Amended: 3/8/2010,
11/29/2010, 12/8/2010,
2/7/2013

Revision: 2009
Model: Heatguard 110-D (LF), Heatguard 110-BV (LF)
Size: 3/4" NPT, Sweat, PEX Barb, CPVC, Sharkbite
w/ Lead Content less than or equal to .25%

Issued: 1/6/2003
Amended: 3/8/2010,
11/29/2010, 12/8/2010,
2/7/2013

Revision: 2009
Model: Heatguard 110-D LF
Size: 1/2" (With integrated SharkBite® connections)
Issued: 4/6/2015

Revision: 2009
Model: Heatguard 110-D LF
Size: 3/4" (With integrated SharkBite® connections)
Issued: 4/6/2015

Revision: 2009
Model: Heatguard 110-LSB
Size: 1/2" NPT, PEX Barb
w/ Lead Content less than or equal to .25%
Issued: 8/29/2016

Revision: 2009
Model: Heatguard 110-LSB
Size: 3/4" NPT, PEX Barb
w/ Lead Content less than or equal to .25%
Issued: 8/29/2016

Revision: 2009
Model: Heatguard 115 LF
Size: 1" NPT, Sweat, CPVC, Sharkbite
with lead content less than or equal to 0.25%
Issued: 1/6/2003

Revision: 2009
Model: Heatguard 115 LF
Size: 1-1/4" NPT, Sweat, CPVC, Sharkbite
with lead content less than or equal to 0.25%
Issued: 1/6/2003

Revision: 2009
Model: Heatguard 115 LF
Size: 3/4" NPT, Sweat, CPVC, Sharkbite
with lead content less than or equal to 0.25%
Issued: 1/6/2003

Revision: 2009
Model: Heatguard 160 LF
Size: 1"
Issued: 1/6/2003

Revision: 2009
Model: Heatguard 160 LF
Size: 3/4"
Issued: 1/6/2003

Revision: 2009
Model: Heatguard® 021 LF (3/4" Tankbooster)
Size: 3/4"
Issued: 2/9/2016

Revision: 2009
Model: HG 020 LF
Size: 3/4" NPT
with lead content less than or equal to 0.25%
Issued: 1/6/2003

Revision: 2009
Model: HG 02026 LF
Size: 3/4"
with lead content less than or equal to 0.25%
Issued: 8/29/2013

Revision: 2009
Model: Mixer 630
Thermostatic Mixing Valve
Size: 3/4" x 1"
Inlet (NPT) x Outlet (NPT)
Issued: 1/6/2003

Revision: 2009
Model: Mixer 640
Thermostatic Mixing Valve
Size: 1" x 1 1/4"
Inlet (NPT) x Outlet (NPT)
Issued: 1/6/2003

Revision: 2009
Model: Mixer 650
Thermostatic Mixing Valve
Size: 1 1/4" x 1 1/2"
Inlet (NPT) x Outlet (NPT)
Issued: 1/6/2003

Revision: 2009
Model: Mixer 660
Thermostatic Mixing Valve
Size: 1 1/2" x 1 1/2"
Inlet (NPT) x Outlet (NPT)
Issued: 1/6/2003

Revision: 2009
Model: Mixer 670
Thermostatic Mixing Valve
Size: 1 1/2" x 2"
Inlet (NPT) x Outlet (NPT)
Issued: 1/6/2003

Revision: 2009
Model: Mixer 680
Thermostatic Mixing Valve
Size: 2" x 2"
Inlet (NPT) x Outlet (NPT)
Issued: 1/6/2003

**Chicago Faucet / A
Geberit Company**

Revision: 2009
Model: 122-ABNF
Size: 1/2"
Issued: 8/17/2009
Amended: 11/12/2009,
3/4/2010

Giacomini s.p.a.

Revision: 2009
Model: R-156
Size: 1 inch Sweat & NPT
Issued: 7/20/1999
Amended: 7/31/2006,
3/5/2007, 3/4/2010

Revision: 2009
Model: R-156
Size: 1/2 inch Sweat &
NPT
Issued: 7/20/1999
Amended: 7/31/2006,
3/5/2007, 3/4/2010

Revision: 2009
Model: R-156
Size: 3/4 inch Sweat &
NPT
Issued: 7/20/1999
Amended: 7/31/2006,
3/5/2007, 3/4/2010

Heat-Timer Corp.

Revision: 2009
Model: ETV Plus, ETV
Platinum Plus
Size: 1 1/2"
Lead Content is less than
or equal to .25%
Issued: 8/3/2010
Amended: 11/30/2010,
3/19/2013

Revision: 2009
Model: ETV Plus, ETV
Platinum Plus
Size: 1 1/4"
Lead Content is less than
or equal to .25%
Issued: 8/3/2010
Amended: 11/30/2010,
3/19/2013

Revision: 2009
Model: ETV Plus, ETV
Platinum Plus
Size: 1"
Lead Content is less than
or equal to .25%
Issued: 8/3/2010
Amended: 11/30/2010,
3/19/2013

Revision: 2009
Model: ETV Plus, ETV
Platinum Plus
Size: 1/2"
Lead Content is less than
or equal to .25%
Issued: 8/3/2010
Amended: 11/30/2010,
3/19/2013

Revision: 2009
Model: ETV Plus, ETV
Platinum Plus
Size: 2 1/2"
Lead Content is less than
or equal to .25%
Issued: 8/3/2010
Amended: 11/30/2010,
3/19/2013

Revision: 2009
Model: ETV Plus, ETV
Platinum Plus
Size: 2"
Lead Content is less than
or equal to .25%
Issued: 8/3/2010
Amended: 11/30/2010,
3/19/2013

Revision: 2009
Model: ETV Plus, ETV
Platinum Plus
Size: 3/4"
Lead Content is less than
or equal to .25%
Issued: 8/3/2010
Amended: 11/30/2010,
3/19/2013

Revision: 2009
Model: Heat-Timer
Tempering Valve
Size: 1 1/4"
Lead Content is less than
or equal to .25%
Issued: 6/9/2011
Amended: 10/1/2014

Revision: 2009
Model: Heat-Timer
Tempering Valve
Size: 1"
Lead Content is less than
or equal to .25%
Issued: 4/30/1991
Amended: 3/28/2013,
10/1/2014

Revision: 2009
Model: Heat-Timer
Tempering Valve
Size: 1/2"
Lead Content is less than
or equal to .25%
Issued: 4/30/1991
Amended: 3/28/2013,
10/1/2014

Revision: 2009
Model: Heat-Timer
Tempering Valve
Size: 1-1/2"
Lead Content is less than
or equal to .25%
Issued: 4/30/1991
Amended: 11/6/2006,
3/4/2010, 10/1/2014

Revision: 2009
Model: Heat-Timer
Tempering Valve
Size: 2 1/2"
Lead Content is less than
or equal to .25%
Issued: 6/9/2011
Amended: 10/1/2014

Revision: 2009
Model: Heat-Timer
Tempering Valve
Size: 2"
Lead Content is less than
or equal to .25%
Issued: 6/9/2011
Amended: 10/1/2014

Revision: 2009
Model: Heat-Timer
Tempering Valve
Size: 3"
Lead Content is less than
or equal to .25%
Issued: 4/30/1991
Amended: 3/28/2013,
10/1/2014

Revision: 2009
Model: Heat-Timer
Tempering Valve
Size: 3/4"
Lead Content is less than
or equal to .25%
Issued: 4/30/1991
Amended: 3/28/2013,
10/1/2014

Revision: 2009
Model: Heat-Timer
Tempering Valve
Size: 4"
Lead Content is less than
or equal to .25%
Issued: 4/30/1991
Amended: 3/28/2013,
10/1/2014

Holby Valve Inc.
Revision: 2009
Model: Holby Tempering
Valve
Size: 1 inch
with lead content equal
to or less than 0.25%
Issued: 5/11/1989
Amended: 11/6/2006,
3/4/2010, 9/28/2011

Revision: 2009
Model: Holby Tempering
Valve
Size: 1/2 inch
with lead content equal
to or less than 0.25%
Issued: 5/11/1989
Amended: 11/6/2006,
3/4/2010, 9/28/2011

Revision: 2009
Model: Holby Tempering
Valve
Size: 1-1/2 inch
with lead content equal
to or less than 0.25%
Issued: 5/11/1989
Amended: 11/6/2006,
3/4/2010, 9/28/2011

Revision: 2009
Model: Holby Tempering
Valve
Size: 1-1/4 inch
with lead content equal
to or less than 0.25%
Issued: 5/11/1989
Amended: 11/6/2006,
3/4/2010, 9/28/2011

Revision: 2009
Model: Holby Tempering
Valve
Size: 2 inch
Lead content less than
or equal to .25%
Issued: 5/11/1989
Amended: 11/6/2006,
3/4/2010, 11/30/2010,
9/28/2011

Revision: 2009
Model: Holby Tempering
Valve
Size: 2-1/2 inch
with lead content equal
to or less than 0.25%
Issued: 5/11/1989
Amended: 11/6/2006,
3/4/2010, 9/28/2011

Revision: 2009
Model: Holby Tempering
Valve
Size: 3 inch
with lead content equal
to or less than 0.25%
Issued: 5/11/1989
Amended: 11/6/2006,
3/4/2010, 9/28/2011

Revision: 2009
Model: Holby Tempering
Valve
Size: 3/4 inch
with lead content equal
to or less than 0.25%
Issued: 5/11/1989
Amended: 11/6/2006,
3/4/2010, 9/28/2011

Revision: 2009
Model: Holby Tempering
Valve
Size: 4 inch
with lead content equal
to or less than 0.25%
Issued: 5/11/1989
Amended: 11/6/2006,
3/4/2010, 9/28/2011

Kohler-Mira

Revision: 2009
Model: 320A-LL
Includes: 320, 320D,
320R, 320 FMC, 320
SMC, 320R SMC
Issued: 4/28/2005
Amended: 4/18/2007,
3/4/2010, 2/13/2017

Revision: 2009
Model: 425A-LL
Includes: 425, 425D,
425R, 425 FMC, 425
SMC, 425R FMC, 425R
SMC
Issued: 4/28/2005
Amended: 4/18/2007,
3/4/2010, 2/13/2017

Revision: 2009
Model: DRV 40
Size: 1 1/2" (40mm)
inlets
Issued: 1/22/2009

Revision: 2009
Model: RADA DRV80
(THE BRAIN)
Size: 3" NPT inlet x 3"
NPT Outlet
Issued: 1/22/2009
Amended: 3/4/2010

**Lawler Manufacturing
Company, Inc.**

Revision: 2009
Model: 61-10
Size: 1/2 inch
Issued: 11/20/2000
Amended: 1/10/2006,
3/4/2010

Revision: 2009
Model: 61-15
Size: 1/2 inch
Issued: 11/20/2000
Amended: 1/10/2006,
3/4/2010

Revision: 2009
Model: 61-25
Size: 3/4 inch
Issued: 11/20/2000
Amended: 1/10/2006,
3/4/2010

Revision: 2009
Model: 66-125
Size: 1-1/4 x 1-1/2 inch
Issued: 11/20/2000
Amended: 1/10/2006,
3/4/2010

Revision: 2009
Model: 66-150
Size: 1-1/2 x 2 inch
Issued: 11/20/2000
Amended: 1/10/2006,
3/4/2010

Revision: 2009
Model: 66-200
Size: 2 inch
Issued: 11/20/2000
Amended: 1/10/2006,
3/4/2010

Revision: 2009
Model: 66-25
Size: 3/4
Lead content less than
or equal to .25%
Issued: 11/20/2000
Amended: 1/10/2006,
3/4/2010, 7/3/2014

Revision: 2009
Model: 66-50
Size: 3/4 x 1 inch
Lead content less than
or equal to .25%
Issued: 11/20/2000
Amended: 1/10/2006,
3/4/2010, 7/3/2014

Revision: 2009
Model: 66-80
Size: 1 x 1-1/4 inch
Lead content less than
or equal to .25%
Issued: 11/20/2000
Amended: 1/10/2006,
3/4/2010, 7/3/2014

Revision: 2009
Model: 801
Size: 3/4" x 1"
includes S.E.A. option
lead content less than or
equal to .25% on model
801
Issued: 2/25/1998
Amended: 1/3/2006,
1/10/2006, 3/4/2010,
11/1/2011, 1/10/2013

Revision: 2009
Model: 802
Size: 1" inlet x 1 1/4"
outlet
includes S.E.A. option
lead content less than or
equal to .25% on model
802
Issued: 2/25/1998
Amended: 1/3/2006,
1/10/2006, 3/4/2010,
11/1/2011, 1/10/2013

Revision: 2009
Model: 803
Size: 1 1/4" inlet x 1 1/2"
outlet
includes S.E.A. option
lead content less than or
equal to .25% on model
803
Issued: 7/8/2011
Amended: 11/1/2011,
1/10/2013

Revision: 2009
Model: 804
Size: 1 1/2" inlet x 2"
outlet
includes S.E.A. option
lead content less than or
equal to .25% on model
804
Issued: 2/7/2006
Amended: 3/4/2010,
11/1/2011, 1/10/2013

Revision: 2009
Model: 805
Size: 2"
includes S.E.A. option
lead content less than or
equal to .25% on model
805
Issued: 2/25/1998
Amended: 1/3/2006,
1/10/2006, 3/4/2010,
11/1/2011, 1/10/2013

Legend

Revision: 2009
Model: T-40
Size: 1 inch NPT
Issued: 7/20/1999
Amended: 3/5/2007,
3/4/2010

Revision: 2009
Model: T-40
Size: 1/2 inch NPT
Issued: 7/20/1999
Amended: 3/5/2007,
3/4/2010

Revision: 2009
Model: T-40
Size: 3/4 inch NPT
Issued: 7/20/1999
Amended: 3/5/2007,
3/4/2010

Revision: 2009
Model: T-40UE
Size: 1/2, 3/4 & 1 inch
outlet
Issued: 7/20/1999
Amended: 3/5/2007,
3/4/2010

Leonard Valve

Revision: 2009
Model: 210-F-LF
Size: 1/2 inch
Lead content is less than
or equal to 0.25%
Issued: 3/22/1996

Revision: 2009
Model: 270 & 270-LF
Size: 1/2" inlet x 1/2"
outlet
(MIPS connections)
Lead Content is less than
or equal to .25% on
model 270-LF.
Issued: 5/20/2008
Amended: 3/4/2010,
5/26/2010, 10/22/2012,
10/22/2012, 12/14/2012

Revision: 2009
Model: 270-USW
Size: 1/2" Sweat
connections w/ unions
Issued: 5/20/2008
Amended: 5/26/2010,
10/22/2012, 10/22/2012

Revision: 2009
Model: 370 & 370-LF
Size: 3/4" inlet x 3/4"
outlet
(MIPS connections).
Lead Content is less than
or equal to .25% on
model 370-LF.
Issued: 6/30/2011
Amended: 3/4/2010,
10/22/2012, 10/22/2012

Revision: 2009
Model: LV-20-LF
Size: 3/4" inlet x 3/4"
outlet
Lead content on Model
LV-20-LF is less than or
equal to 0.25%
Issued: 1/21/2009
Amended: 2/25/2013

Revision: 2009
Model: LV-981A-LF
Size: 3/4" inlet x 3/4"
outlet
Lead content for Models
LV-981-LF and LV-981A-
LF is less than or equal
to 0.25%
Issued: 1/21/2009
Amended: 3/4/2010,
6/14/2010, 12/1/2010,
10/12/2012

Revision: 2009
Model: LV-982-LF
Size: 1" inlet x 1-1/4"
outlet
Lead content for Models
LV-982-LF is less than or
equal to 0.25%
Issued: 1/21/2009
Amended: 12/7/2009,
3/4/2010, 6/14/2010

Revision: 2009
Model: LV-983-LF
Size: 1-1/4" inlet x 1-
1/4" outlet
Lead content for Model
LV-983-LF is less than or
equal to 0.25%
Issued: 1/21/2009
Amended: 9/9/2009,
3/4/2010, 6/14/2010,
2/6/2012, 5/11/2012

Revision: 2009
Model: LV-984-LF
Size: 1-1/4" inlet x 1-
1/2" outlet
Lead content for Model
LV-984-LF is less than or
equal to 0.25%
Issued: 5/23/2011
Amended: 3/4/2010,
6/14/2010

Revision: 2009
Model: LV-985-LF and
LV-985-SW / LV-985-SW-
LF
Size: 2" inlet x 2" outlet
Lead content for Models
LV-985-LF and LV-985-
SW-LF is less than or
equal to 0.25%
Issued: 1/21/2009
Amended: 2/25/2013

Revision: 2009
Model: M-20-E / M-20-C
Size: 3/4" inlet x 3/4"
outlet
Issued: 9/11/1992
Amended: 9/15/2001,
3/5/2007, 3/4/2010,
6/14/2010

Revision: 2009
Model: Nucleus NV-150-
LF, NV-200-LF
1-1/4" inlet x 1 1/2"
outlet, 2" inlet x 2"
outlet. Lead content is
less than or equal to
0.25%
Issued: 2/2/2017

Revision: 2009
Model: Nucleus NV-300-
LF
Size: 3" inlet x 3" outlet
Lead content is less than
or equal to 0.25%
Issued: 2/2/2017

Revision: 2009
Model: TA-F-LF
Size: 1/2 inch
Lead content is less than
or equal to 0.25%
Issued: 3/22/1996

Revision: 2009
Model: TM-1520A, TM-
1520A-2P & TM-1520A-
LF, TM-1520-A-2P-LF,
TM1520B-LF, TM1520B-
2P-LF
Size: 1 1/4" x 1 1/2"
Also with PTFE option
Lead Content is less than
or equal to .25% on
model TM-1520A-LF &
TM-1520-A-2P-LF,
TM1520B-LF, TM1520B-
2P-LF
Issued: 4/12/2002
Amended: 1/9/2007,
2/17/2009, 3/4/2010,
6/14/2010, 2/7/2012,
3/14/2012, 3/20/2012,
5/11/2012, 8/8/2014

Revision: 2009
Model: TM-2020B & TM-
2020B-LF
Size: 2" inlet x 2" outlet
with options of PTFE,
and suffixes of 2P, 3P,
2P-LF and 3P-LF
Lead Content is less than
or equal to .25% on
model TM-2020B-LF,

TM-2020B-2P-LF, TM-
2020B-3P-LF

Issued: 4/12/2002
Amended: 1/15/2007,
1/30/2007, 3/24/2008,
2/17/2009, 3/4/2010,
6/14/2010, 3/4/2011,
8/8/2014

Revision: 2009
Model: TM-20-E-LF
Size: 3/4" inlet x 3/4"
outlet
Also with Teflon/Teflon
option
Lead content for Model
TM-20-E-LF is less than
or equal to 0.25%
Issued: 9/11/1992
Amended: 9/15/2001,
3/5/2007, 2/17/2009,
3/4/2010, 6/14/2010,
9/23/2011, 3/8/2012

Revision: 2009
Model: TM-26-LF
Size: 3/4" inlet x 3/4"
outlet
Also with Teflon/Teflon
option
Lead Content for Model
TM-26-LF is less than or
equal to 0.25%
Issued: 9/11/1992
Amended: 2/25/2013

Revision: 2009
Model: TM-420
Size: 3/4" x 1"
Issued: 4/12/2002
Amended: 1/9/2007,
1/15/2007, 2/17/2009,
3/4/2010

Revision: 2009
Model: TM-420A & TM-
420A-LF, TM420B-LF
Also with PTFE option
Lead Content is less than
or equal to .25% on
model TM-420A-LF,
TM420B-LF
Issued: 4/18/2007
Amended: 2/17/2009,
3/4/2010, 6/14/2010,
5/2/2012, 8/8/2014

Revision: 2009
Model: TM-520, TM-
520-LF, TM-520SW-LF,
TM-520B-LF
Size: 3/4" x 1"
Also with PTFE option
Lead Content is less than
or equal to .25% on
model TM-520-LF and
TM-520SW-LF, TM-520B-
LF
Issued: 4/12/2002
Amended: 1/9/2007,
1/15/2007, 2/17/2009,
3/4/2010, 6/14/2010,
2/7/2012, 1/10/2013,
8/8/2014

Revision: 2009
Model: TM-820 & TM-820-LF, TM-820B-LF
Size: 1" x 1 1/4"
Also with PTFE option
Lead Content is less than or equal to .25% on model TM-820-LF, TM-820B-LF
Issued: 4/12/2002
Amended: 1/9/2007, 1/15/2007, 2/17/2009, 3/4/2010, 6/14/2010, 2/7/2012, 8/8/2014

Revision: 2009
Model: TM-920 & TM-920-LF, TM-920B-LF
Size: 1 1/4" x 1 1/4"
Also with PTFE option
Lead Content is less than or equal to .25% on model TM-920-LF, TM-920B-LF
Issued: 4/12/2002
Amended: 1/9/2007, 1/15/2007, 2/17/2009, 3/4/2010, 6/14/2010, 2/7/2012, 8/8/2014

Revision: 2009
Model: XL-150-LF
Size: 1-1/4" inlet x 1-1/2" outlet
Lead content for Model XL-150-LF is less than or equal to 0.25%
Issued: 1/21/2009
Amended: 2/25/2013

Revision: 2009
Model: XL-200-LF and XL-200-SW / XL-200-SW-LF
Size: 2" inlet x 2" outlet
Lead content for Models XL-200-LF and XL-200-SW-LF is less than or equal to 0.25%
Issued: 1/21/2009
Amended: 2/25/2013

Revision: 2009
Model: XL-32A-LF
Size: 3/4" inch
Lead Content is less than or equal to 0.25% per AB 1953.
Issued: 9/2/2016

Revision: 2009
Model: XL-32-LF
Size: 3/4" inlet x 3/4" outlet
Lead content for Model XL-32-LF is less than or equal to 0.25%
Issued: 1/21/2009
Amended: 2/25/2013

Revision: 2009
Model: XL-690-LF
Size: 1" inlet x 1-1/4" outlet
Lead content for Model XL-690-LF is less than or equal to 0.25%
Issued: 1/21/2009
Amended: 2/25/2013

Revision: 2009
Model: XL-82-LF
Size: 1" inlet x 1-1/4" outlet
Lead content for Model XL-82-LF is less than or equal to 0.25%
Issued: 1/21/2009
Amended: 2/25/2013

Paxton Controls, LLC
Revision: 2009
Model: TVS 43 Series
Size: 3/4, 1, 1-1/4, 1-1/2, and 2 inch
Issued: 8/10/2015

Powers, a Watts Regulator Company
Revision: 2009
Model: LFIS075VL
Size: 3/4" inlet and outlet
Maximum working pressure 200 psi
Issued: 3/16/2005
Amended: 6/27/2018

Revision: 2009
Model: LFIS100VL
Size: 1" inlet; 1-1/4" outlet
Maximum working pressure 200 psi
Issued: 3/16/2005
Amended: 6/27/2018

Revision: 2009
Model: LFIS150-(1)-(2)-(3)-LP
Size: 1-1/2" and 2"
Max working pressure 200 PSI
Issued: 3/16/2005
Amended: 8/11/2016, 6/1/2018

Revision: 2009
Model: LFIS150DV-(1)-(2)-(3)-LP
Size: 1-1/2" and 2"
Max working pressure 200 PSI
Issued: 3/16/2005
Amended: 8/11/2016, 6/1/2018

Revision: 2009
Model: LFIS200-(1)-(2)-(3)-LP
Size: 1-1/2" and 2"
Max working pressure 200 PSI
Issued: 3/16/2005
Amended: 8/11/2016, 6/1/2018

Revision: 2009
Model: LFIS200DV-(1)-(2)-(3)-LP
Size: 1-1/2" and 2"
Max working pressure 200 PSI
Issued: 3/16/2005
Amended: 8/11/2016, 6/1/2018

Revision: 2009
Model: LFIS200TV-(1)-(2)-(3)-LP
Size: 1-1/2" and 2"
Max working pressure 200 PSI
(1) - Return Size
C = 1 inch
F = 2 inch
H = 3 inch
(2) - Option
O = No Flow Meter / BTU Package
F = Flow Meter / 2 inch
(3) - Option
O = No strainer
S = Strainer
Issued: 3/16/2005
Amended: 8/11/2016, 6/1/2018

Revision: 2009
Model: LFMM430 Series (Includes: LFMM431-1, LFMM431-2, LFMM431-3, LFMM431-4 - 3/4" x 3/4"; LFMM432-1, LFMM432-2, LFMM432-3, LFMM432-4 - 3/4" x 1"; LFMM433-1, LFMM433-2, LFMM433-3, LFMM433-4 - 1 1/4" x 1 1/4"; LFMM434-1, LFMM434-2, LFMM434-3, LFMM434-4 - 1 1/4" x 1 1/2"; LFMM435-1, LFMM435-2, LFMM435-3, LFMM435-4 - 2" x 2")
Issued: 9/11/2007
Amended: 6/25/2009, 1/18/2010, 3/4/2010, 5/24/2016, 5/24/2016

Revision: 2009
Model: LFP580-4
Size: 1/2" PEX
Issued: 3/16/2005

Revision: 2009
Model: LFSH1430
LFSH1432-11, LFSH1432-31, LFSH1432-22, LFSH1432-42 - 3/4" x 1", LFSH1434-13, LFSH1434-33, LFSH1434-24, LFSH1434-44 - 1 1/4" x 1 1/2", LFSH1435-15, LFSH1435-35, LFSH1435-26, LFSH1435-46 - 2" x 2"
Issued: 3/16/2005

Revision: 2009
Model: LFSH1430 Series (Includes: LFSH1432-1, LFSH1432-2, LFSH1432-3, LFSH1432-4, LFSH1434-1, LFSH1434-2, LFSH1434-3, LFSH1434-4, LFSH1435-1, LFSH1435-2, LFSH1435-3, LFSH1435-4,
Issued: 9/11/2007
Amended: 6/25/2009, 1/18/2010, 3/4/2010

Revision: 2009
Model: LM490 Series, LMC490 Series, (LF) LM490 Series & (LF) LMC490 Series
Includes: LM490-101 (1/2" Union NPT); LM490-102 (1/2" Union Sweat); LM490-103 (1/2" Union CPVC); LM490-104 (1/2" Union PEX); LM490-105 (1/2" Union Quick Connect); LM490-1 (1/2" Union NPT); LM490-2 (1/2" Union Sweat); LM490-3 (1/2" Union CPVC); LM490-4 (1/2" Union PEX); LM490-5 (1/2" Union Quick Connect)
Issued: 3/16/2005
Amended: 10/12/2009, 3/4/2010, 10/28/2011, 5/2/2012, 4/25/2013, 4/25/2013

Revision: 2009
Model: LM491 Series, LMC491 Series, (LF) LM491 Series & (LF) LMC491 Series
Includes: LM491-101 (3/4" Union NPT); LM491-102 (3/4" Union Sweat); LM491-103 (3/4" Union CPVC); LM491-104 (3/4" Union PEX); LM491-105 (3/4" Union Quick Connect); LM491-1 (3/4" Union NPT); LM491-2 (3/4" Union Sweat); LM491-3 (3/4" Union CPVC); LM491-4 (3/4" Union PEX); LM491-5 (3/4" Union Quick Connect)
Issued: 3/16/2005
Amended: 5/2/2012, 4/25/2013

Revision: 2009
Model: LM492 Series, LMC492 Series, (LF) LM492 Series & (LF) LMC492 Series
Includes: LM492-101 (1" Union NPT); LM492-102 (1" Union Sweat); LM492-103 (1" Union CPVC); LM492-104 (1" Union PEX); LM492-105 (1" Union Quick

Connect); LM492-1 (1" Union NPT); LM492-2 (1" Union Sweat); LM492-3 (1" Union CPVC); LM492-4 (1" Union PEX); LM492-5 (1" Union Quick Connect)
Issued: 3/16/2005
Amended: 5/2/2012, 4/25/2013

Revision: 2009
Model: LM495 Series, LMC495 Series, (LF) LM495 Series & (LF) LMC495 Series
Includes: LM495-1 (1/2" Union NPT); LM495-2 (1/2" Union Sweat); LM495-3 (1/2" Union CPVC); LM495-4 (1/2" Union PEX); LM495-5 (1/2" Union Quick Connect)
Issued: 3/16/2005
Amended: 5/2/2012, 4/25/2013

Revision: 2009
Model: LM496 Series, LMC496 Series (LF) LM496 Series & (LF) LMC496 Series
Includes: LM496-1 (3/4" Union NPT); LM496-2 (3/4" Union Sweat); LM496-3 (3/4" Union CPVC); LM496-4 (3/4" Union PEX); LM496-5 (3/4" Union Quick Connect)
Issued: 3/16/2005
Amended: 5/2/2012, 4/25/2013

Revision: 2009
Model: LM497 Series, LMC497 Series, (LF) LM497 Series & (LF) LMC497 Series
Includes: LM497-1 (1" Union NPT); LM497-2 (1" Union Sweat); LM497-3 (1" Union CPVC); LM497-4 (1" Union PEX); LM497-5 (1" Union Quick Connect)
Issued: 3/16/2005
Amended: 5/2/2012, 4/25/2013

PVI, a Watts Regulator Company
Revision: 2009
Model: V135-1-(1)-(2)-(3)-NP
Size: 1-1/2" and 2"
Max working pressure 200 psi
Issued: 5/22/2017

Revision: 2009
Model: V135-2-(1)-(2)-(3)-NP
Size: 1-1/2" and 2"
Max working pressure 200 psi
Issued: 5/22/2017

Revision: 2009
Model: V135-3-(1)-(2)-(3)-NP
Size: 1-1/2" and 2"
Max working pressure 200 psi
Issued: 5/22/2017

Revision: 2009
Model: V23 N-N
Size: 3/4" inlet and outlet
Maximum working pressure 200 psi
Issued: 5/22/2017
Amended: 6/28/2018

Revision: 2009
Model: V55 N-N
Size: 1" inlet; 1-1/4" outlet
Maximum working pressure 200 psi
Issued: 5/22/2017
Amended: 6/28/2018

Revision: 2009
Model: V85-1-(1)-(2)-(3)-NP
Size: 1-1/2" and 2"
Max working pressure 200 psi
Issued: 5/22/2017

Revision: 2009
Model: V85-2-(1)-(2)-(3)-NP
Size: 1-1/2" and 2"
Max working pressure 200 psi

(1) Return Size
A - 1 inch
B - 2 inch
C - 3 inch

(2) Option
F - Flow/BTU Package
X - No Flow/BTU Package

(3) Option
S - Strainer
X - No Strainer

Issued: 5/22/2017

Taco, Inc.
Revision: 2009
Model: 5002-B3
Size: 1/2" CPVC
with lead content less than or equal to 0.25%
Issued: 1/9/2006

Revision: 2009
Model: 5002-C3
Size: 1/2" SWEAT
with lead content less than or equal to 0.25%
Issued: 1/9/2006

Revision: 2009
Model: 5002-P3
Size: 1/2" PEX
with lead content less than or equal to 0.25%
Issued: 1/9/2006

Revision: 2009
Model: 5002-T3
Size: 1/2" NPT
with lead content less than or equal to 0.25%
Issued: 1/9/2006

Revision: 2009
Model: 5003-B3
Size: 3/4" CPVC
with lead content less than or equal to 0.25%
Issued: 1/9/2006

Revision: 2009
Model: 5003-C3
Size: 3/4" SWEAT
with lead content less than or equal to 0.25%
Issued: 1/9/2006

Revision: 2009
Model: 5003-N3
Size: 3/4" Female NPT
with lead content less than or equal to 0.25%
Issued: 1/9/2006

Revision: 2009
Model: 5003-P3
Size: 3/4" PEX
with lead content less than or equal to 0.25%
Issued: 1/9/2006

Revision: 2009
Model: 5003-T3
Size: 3/4" NPT
with lead content less than or equal to 0.25%
Issued: 1/9/2006

Revision: 2009
Model: 5004-C3
Size: 1" SWEAT
with lead content less than or equal to 0.25%
Issued: 1/9/2006

Revision: 2009
Model: 5004-P3
Size: 1" PEX
with lead content less than or equal to 0.25%
Issued: 1/9/2006

Revision: 2009
Model: 5122-B2
Size: 1/2" CPVC
with lead content less than or equal to 0.25%
Issued: 1/9/2006

Revision: 2009
Model: 5122-C2
Size: 1/2" Sweat
with lead content less than or equal to 0.25%
Issued: 1/9/2006

Revision: 2009
Model: 5122-P2
Size: 1/2" Barb
with lead content less than or equal to 0.25%
Issued: 1/9/2006

Revision: 2009
Model: 5122-T2
Size: 1/2" Threaded FNPT
with lead content less than or equal to 0.25%
Issued: 1/9/2006

Revision: 2009
Model: 5123-B2
Size: 3/4" CPVC
with lead content less than or equal to 0.25%
Issued: 1/9/2006

Revision: 2009
Model: 5123-C2
Size: 3/4" Sweat
with lead content less than or equal to 0.25%
Issued: 1/9/2006

Revision: 2009
Model: 5123-N2
Size: 3/4" (FNPT)
with lead content less than or equal to 0.25%
Issued: 1/9/2006

Revision: 2009
Model: 5123-P2
Size: 3/4" Barb
with lead content less than or equal to 0.25%
Issued: 1/9/2006

Revision: 2009
Model: 5123-T2
Size: 3/4" Threaded MNPT
with lead content less than or equal to 0.25%
Issued: 1/9/2006

Revision: 2009
Model: 5123-WH-N1
Size: Water Heater Non Union 3/4" NPT
with lead content less than or equal to 0.25%
Issued: 1/9/2006

Revision: 2009
Model: 5124-C2
Size: 1" Sweat
with lead content less than or equal to 0.25%
Issued: 1/9/2006

Revision: 2009
Model: 5124-HF-C1
Size: 1" Sweat
with lead content less than or equal to 0.25%
Issued: 1/9/2006

Revision: 2009
Model: 5124-P2
Size: 1" Barb
with lead content less than or equal to 0.25%
Issued: 1/9/2006

Revision: 2009
Model: 5125-HF-C1
Size: 1-1/4" Sweat
with lead content less than or equal to 0.25%
Issued: 1/9/2006

Watts Regulator Company
Revision: 2009
Model: 1170C-M2 Series & (LF) 1170C-M2 Series (UT, US, CPVC, PEX, QC, LF)
Size: 1/2", 3/4", 1"
UT- NPT thread connection, US- Solder (Sweat) Connection, PEX - PEX Tubing Connection, CPVC - CPVC tubing Connection, QC - quick connect tail piece
Issued: 3/16/2005
Amended: 1/26/2007, 10/13/2009, 3/4/2010, 10/28/2011

Revision: 2009
Model: 1170-M2 Series & (LF) 1170-M2 Series (UT, US, CPVC, PEX, QC, LF)
Size: 1/2", 3/4", 1"
UT- NPT thread connection, US- Solder (Sweat) Connection, PEX - PEX Tubing Connection, CPVC - CPVC tubing Connection, QC - quick connect tail piece
Issued: 3/16/2005
Amended: 1/26/2007, 10/13/2009, 3/4/2010, 10/28/2011

Revision: 2009
Model: 1170-M2-Z1 Series & (LF) 1170-M2-Z1 Series (QC, LF)
Size: 1/2" MNPT
QC = quick connect tailpiece
Issued: 3/16/2005
Amended: 11/22/2005, 1/26/2007, 10/13/2009, 3/4/2010, 10/28/2011

Revision: 2009
Model: L1170-M2 & (LF) L1170-M2 (UT, US, CPVC, PEX, QC, LF)
Size: 1/2", 3/4", 1"
UT- NPT thread connection, US- Solder (Sweat) Connection, PEX - PEX Tubing Connection, CPVC - CPVC tubing Connection, QC - quick connect tail piece
Issued: 3/16/2005
Amended: 1/26/2007, 10/13/2009, 3/4/2010, 10/28/2011

Revision: 2009
Model: LFP580-4
Size: 1/2" PEX
Issued: 10/17/2016

Revision: 2009
Model: MMV-M1 Series (UT, US, CPVC, PEX, QC, LF) & (LF) MMV-M1 Series (UT, US, CPVC, PEX, QC, LF)
Size: 1/2", 3/4", 1"
UT- NPT thread connection, US- Solder (Sweat) Connection, PEX - PEX Tubing Connection, CPVC - CPVC tubing Connection, QC - quick connect tail piece
Issued: 3/16/2005
Amended: 1/26/2007, 10/12/2009, 3/4/2010, 3/6/2013

Revision: 2009
Model: N170-M3 & N170-M3CSUT and LFN170-M3 & LFN170-M3CSUT (w/ check stop)
Size: 1 1/2"
Issued: 1/21/2009
Amended: 6/16/2009, 3/4/2010

Revision: 2009
Model: N170-M3 & N170-M3CSUT and LFN170-M3 & LFN170-M3CSUT (w/ check stop)
Size: 1 1/4"
Issued: 1/21/2009
Amended: 6/16/2009, 3/4/2010

Revision: 2009
Model: N170-M3 & N170-M3CSUT and LFN170-M3 & LFN170-M3CSUT (w/ check stop)
Size: 1"
Issued: 1/21/2009
Amended: 6/16/2009, 3/4/2010

Revision: 2009
Model: N170-M3 & N170-M3CSUT and LFN170-M3 & LFN170-M3CSUT (w/ check stop)
Size: 2"
Issued: 1/21/2009
Amended: 6/16/2009, 3/4/2010

Revision: 2009
Model: N170-M3 & N170-M3CSUT and LFN170-M3 & LFN170-M3CSUT (w/ check stop)
Size: 3/4"
Issued: 1/21/2009
Amended: 6/16/2009, 3/4/2010

Wilkins / A Division of Zurn

Revision: 2009
Model: ZW1017, ZW1017XL & ZW1017-HT, ZW1017XL-HT
Size: 1 inch
Issued: 9/25/2003
Amended: 10/2/2008, 3/4/2010, 8/20/2012

Revision: 2009
Model: ZW1017, ZW1017XL & ZW1017-HT, ZW1017XL-HT
Size: 1/2 inch
Issued: 9/25/2003
Amended: 10/2/2008, 3/4/2010, 8/20/2012

Revision: 2009
Model: ZW1017, ZW1017XL & ZW1017-HT, ZW1017XL-HT
Size: 3/4 inch
Issued: 9/25/2003
Amended: 10/2/2008, 3/4/2010, 8/20/2012

STANDARD #ASSE 1018

Trap Seal Primer Valves - Potable Water Supplied ASSE-2001

Ferguson Enterprises c/o Precision Plumbing Product

Revision: 2001
Model: PFP1500
Size: 1/2 inch
Issued: 11/16/2004

Revision: 2001
Model: PFP2500
Size: 1/2 inch
Issued: 11/16/2004

Revision: 2001
Model: PFP500
Size: 1/2 inch
Issued: 11/16/2004

JAY R. SMITH MFG., CO.

Revision: 2001
Model: 2699
Size: 1/2 inch
Issued: 9/17/1986

Revision: 2001
Model: 2699-1
Size: 1/2 inch
Issued: 9/17/1986

Revision: 2001
Model: Smith 2694, SLC 262
Size: 1/2 inch
Finish -CP, -NP, -SS.
Connections: -UN, -SW.
With or without manual priming.
Issued: 9/17/1986

Josam Company
Revision: 2001
Model: 88280
Size: 1/2" NPT
Issued: 2/20/2006

MIFAB, Inc.
Revision: 2001
Model: M1-TSP-1
Issued: 11/20/1998

Revision: 2001
Model: M1-TSP-2
Issued: 11/20/1998

Revision: 2001
Model: M1-TSP-3
Issued: 11/20/1998

Revision: 2001
Model: M2-500
Size: 1/2 inch
Issued: 11/20/1998

Revision: 2001
Model: M1-500
Size: 1/2 inch
Issued: 11/20/1998

Revision: 2001
Model: MR-500
Size: 1/2 inch
Issued: 11/20/1998

Precision Plumbing Products

Revision: 2001
Model: CPO-500
Size: 1/2" NPT
Issued: 1/12/2009

Revision: 2001
Model: P1-500
Size: 1/2 inch NPT
Issued: 5/12/1976

Revision: 2001
Model: P2-500
Size: 1/2 inch NPT
Issued: 5/12/1976

Revision: 2001
Model: PO-500 (Oregon 1)
Size: 1/2" NPT
Issued: 7/6/1981
Amended: 5/23/2006

Revision: 2001
Model: PR-500 & PR-500SS
Size: 1/2" NPT
Issued: 5/9/1985
Amended: 10/26/2009

Revision: 2001
Model: PRO1-500, PRO1ULP-500 w/ 1/2" NPT & PRO1-500U w/ 1/2" Union
Issued: 5/9/1985
Amended: 10/26/2009, 11/30/2009

Sioux Chief Mfg. Co. Inc.
Revision: 2001
Model: 695-01
Size: 1/2 inch
Issued: 8/30/2002
Amended: 9/4/2008

Watts Regulator Company
Revision: 2001
Model: TP300S & LFTP300S
Size: 1/2"
Issued: 1/9/2012

Revision: 2001
Model: TP300T & LFTP300T
Size: 1/2"
Issued: 1/9/2012

Zurn Industries, Inc.
Revision: 2001
Model: Z1022-XL-1/2 may have the following connections: IP (1/2" Female Threaded Inlet x 1/2" Female Threaded Outlet), SF (1/2" Female Solder Inlet x 1/2" Female Solder Outlet), IPU (1/2" Female Threaded Union Inlet x 1/2" Female Threaded Union Outlet), SFU (1/2" Female Solder Union Inlet x 1/2" Female Solder Union Outlet)
Issued: 3/19/2013

Revision: 2001
Model: Z1022-XL-1/2-CP may have the following connections: IP (1/2" Female Threaded Inlet x 1/2" Female Threaded Outlet), SF (1/2" Female Solder Inlet x 1/2" Female Solder Outlet), IPU (1/2" Female Threaded Union Inlet x 1/2" Female Threaded Union Outlet), SFU (1/2" Female Solder Union

Inlet x 1/2" Female Solder Union Outlet)
Issued: 3/19/2013

Revision: 2001
Model: Z1022-XL-3/4 IPU (3/4" Male Threaded Union Inlet x 3/4" Male Threaded Union Outlet)
Issued: 2/21/2014

Revision: 2001
Model: Z1022-XL-3/4-CP IPU (3/4" Male Threaded Union Inlet x 3/4" Male Threaded Union Outlet)
Issued: 2/21/2014

STANDARD #ASSE 1019
(R2016) Wall Hydrant with Backflow Protection and Freeze Resistance ASSE-2011

American Valve
Revision: 2011
Model: M72AS w/ 1/2" NPT inlet x 3/4" hose outlet
Size: Lengths of: 4", 6", 8", 10", 12", 14"
Issued: 1/17/2011
Amended: 8/15/2012

Aquor
Revision: 2011
Model: House Hydrant V2
Issued: 5/26/2016

Arrowhead Brass & Plumbing LLC
Revision: 2011
Model: 425 BFP & 425LF BFP
3/4-14NPT & 3/4-11.5 Hose Thread Outlet-Type A
Issued: 6/22/1987
Amended: 12/14/2006, 7/23/2009, 9/5/2012

Revision: 2011
Model: 426 BFP & 426LF BFP
1/2-14NPT inlet & 3/4-11.5 Hose Thread Outlet - Type A
Issued: 6/22/1987
Amended: 12/14/2006, 7/23/2009, 9/5/2012

Revision: 2011
Model: 460 Series (Includes: 460, 460LF, 464, 464LF 465, 465LF, 466, 466LF, 469, 469LF w/ 14" X 1/2" MNPT x 1/2" Sweat Inlet, 3/4" outlet & 468 w/ 3/4" sweat x 3/4" MIP inlet x 3/4" outlet) - Type A
Issued: 6/22/1987
Amended: 12/14/2006, 9/11/2008, 2/16/2009, 7/23/2009, 9/5/2012

Revision: 2011
Model: 470 Series
Includes models 470-XX (Plain End, No Nipple), 472-XX (1/2" Wirsbo WPX), 475-XX (1/2" FIP or 3/4" MIP), 476-XX (1/2" Sweat or 1/2" MIP), 478-XX (3/4" Sweat or 3/4" MIP) and 479-XX (PEX) - Type A
Issued: 6/22/1987
Amended: 4/10/2013

Revision: 2011
Model: 484, 484LF, 485, 485LF BFP up to & including 14 inch length
Size: 1/2 inch female NPT & 3/4 inch male NPT
Type A
Issued: 2/23/2000
Amended: 12/14/2006, 1/11/2008, 3/25/2008, 2/16/2009, 7/23/2009, 9/5/2012

Revision: 2011
Model: 486, 486LF, 489 & 489LF BFP
Size: 1/2 inch sweat inside & 1/2 inch male NPT outside
up to & including 14 inch length - Type A
Issued: 2/23/2000
Amended: 12/14/2006, 1/11/2008, 3/25/2008, 2/16/2009, 7/23/2009, 9/5/2012

B&K LLC
Revision: 2011
Model: 104-511EB FROSTPROOF SILLCOCK W/ VACUUM BREAKER
Issued: 2/20/2015

Revision: 2011
Model: 104-511HC FROSTPROOF SILLCOCK W/ VACUUM BREAKER
Issued: 2/20/2015

Revision: 2011
Model: 104-513EB FROSTPROOF SILLCOCK W/ VACUUM BREAKER
Issued: 2/20/2015

Revision: 2011
Model: 104-513HC
FROSTPROOF SILLCOCK
W/ VACUUM BREAKER
Issued: 2/20/2015

Revision: 2011
Model: 104-515EB
FROSTPROOF SILLCOCK
W/ VACUUM BREAKER

Issued: 2/20/2015

Revision: 2011
Model: 104-515HC
FROSTPROOF SILLCOCK
W/ VACUUM BREAKER
Issued: 2/20/2015

Revision: 2011
Model: 104-517EB
FROSTPROOF SILLCOCK
W/ VACUUM BREAKER

Issued: 2/20/2015

Revision: 2011
Model: 104-517HC
FROSTPROOF SILLCOCK
W/ VACUUM BREAKER
Issued: 2/20/2015

Revision: 2011
Model: 104-519EB
FROSTPROOF SILLCOCK
W/ VACUUM BREAKER

Issued: 2/20/2015

Revision: 2011
Model: 104-519HC
FROSTPROOF SILLCOCK
W/ VACUUM BREAKER
Issued: 2/20/2015

Revision: 2011
Model: 104-521EB
FROSTPROOF SILLCOCK
W/ VACUUM BREAKER
Issued: 2/20/2015

Revision: 2011
Model: 104-521HC
FROSTPROOF SILLCOCK
W/ VACUUM BREAKER

Issued: 2/20/2015

Revision: 2011
Model: 104-611EB
FROSTPROOF SILLCOCK
W/ VACUUM BREAKER

Issued: 2/20/2015

Revision: 2011
Model: 104-611HC
FROSTPROOF SILLCOCK
W/ VACUUM BREAKER
Issued: 2/20/2015

Revision: 2011
Model: 104-613EB
FROSTPROOF SILLCOCK
W/ VACUUM BREAKER

Issued: 2/20/2015

Revision: 2011
Model: 104-613HC
FROSTPROOF SILLCOCK
W/ VACUUM BREAKER
Issued: 2/20/2015

Revision: 2011
Model: 104-615EB
FROSTPROOF SILLCOCK
W/ VACUUM BREAKER

Issued: 2/20/2015

Revision: 2011
Model: 104-615HC
FROSTPROOF SILLCOCK
W/ VACUUM BREAKER
Issued: 2/20/2015

Revision: 2011
Model: 104-617EB
FROSTPROOF SILLCOCK
W/ VACUUM BREAKER

Issued: 2/20/2015

Revision: 2011
Model: 104-617HC
FROSTPROOF SILLCOCK
W/ VACUUM BREAKER
Issued: 2/20/2015

Revision: 2011
Model: 104-619EB
FROSTPROOF SILLCOCK
W/ VACUUM BREAKER

Issued: 2/20/2015

Revision: 2011
Model: 104-619HC
FROSTPROOF SILLCOCK
W/ VACUUM BREAKER
Issued: 2/20/2015

Fu San Valve

Revision: 2011
Model: 2264
Size: 1/2 inch inlet x 3/4 inch hose outlet
Type A - 4, 6, 8, 10, 12, 14 inch lengths Multi Turn open / close frostproof sillcock
Issued: 5/9/2000
Amended: 8/15/2012

Revision: 2011
Model: 2264A
Size: 3/4 inch inlet x 3/4 inch hose outlet
Type A - 4, 6, 8, 10, 12, 14 inch lengths Multi Turn open / close frostproof sillcock
Issued: 5/9/2000
Amended: 8/15/2012

Revision: 2011
Model: 2264P
Size: 1/2 inch Pex inlet x 3/4 inch hose outlet
Type A - 4, 6, 8, 10, 12, 14 inch lengths Multi Turn open / close frostproof sillcock
Issued: 1/7/2015

Revision: 2011
Model: NL2264
Size: 3/4" Male hose outlet x 1/2"
Type A - 4, 6, 8, 10, 12, 14 inch lengths Multi Turn open / close frostproof sillcock
Issued: 5/9/2000

Revision: 2011
Model: NL2264A
Size: 3/4 inch inlet x 3/4 inch hose outlet
Type A - 4, 6, 8, 10, 12, 14 inch lengths Multi Turn open / close frostproof sillcock
Issued: 5/9/2000

Revision: 2011
Model: NL2264P
Size: 1/2 inch Pex inlet x 3/4 inch hose outlet
Type A - 4, 6, 8, 10, 12, 14 inch lengths Multi Turn open / close frostproof sillcock
Issued: 1/7/2015
Amended: 4/5/2018

Revision: 2011
Model: NL2264P-1/2W
Size: 1/2" Inlet 3/4" Outlet
Type A - Multi Turn open / close frostproof sillcock
Issued: 5/9/2000
Amended: 4/5/2018

Revision: 2011
Model: NL2364
Size: 1/2" inlet, 3/4" outlet
Type A - 1/4 turn open / close frostproof sillcock
Issued: 5/9/2000
Amended: 4/5/2018

Revision: 2011
Model: NL2364A
Size: 1/2" inlet, 3/4" outlet
Orientation: Vertical Down - Horizontal
Type A - 1/4 turn open / close frostproof sillcock
Issued: 5/9/2000
Amended: 4/5/2018

Revision: 2011
Model: NL2364P
Size: 1/2" inlet, 3/4" outlet
Type A - Multi Turn open / close frostproof sillcock
Issued: 5/9/2000
Amended: 4/5/2018

Revision: 2011
Model: NL2364P-1/2W
Size: 1/2" inlet 3/4" outlet
Type A - 1/4 turn open / close frostproof sillcock
Issued: 5/9/2000
Amended: 4/5/2018

JAY R. SMITH MFG., CO.

Revision: 2011
Model: 5515/5615
Size: 1/2"
Issued: 10/1/2012
Amended: 4/1/2013

Revision: 2011
Model: 5519
Size: 3/4 inch
Issued: 10/7/2002
Amended: 8/15/2012

Revision: 2011
Model: 5619
Size: 3/4 inch
Issued: 10/7/2002
Amended: 8/15/2012

Legend

Revision: 2011
Model: T-550 CPVC w/ 1/2" CPVC socket inlet.
Outlet: 3/4" - 11 1/2" NH
Size: x 4", 6", 8", 10", and 12"
Type A
Issued: 11/26/2007
Amended: 8/15/2012

Revision: 2011
Model: T-550 w/ 1/2" MIP or 1/2" copper sweat Inlet. Outlet: 3/4" - 11 1/2" NH
Size: x 4", 6", 8", 10", 12" and 14"
Type A
Issued: 7/21/2005
Amended: 5/15/2006, 9/24/2008, 8/15/2012

Revision: 2011
Model: T-550 w/ 3/4" MIP or 1/2" FIP inlet.
Outlet: 3/4" - 11 1/2" NH
Size: x 6", 8", 10", and 12"
Type A
Issued: 7/21/2005
Amended: 5/15/2006, 9/24/2008, 8/15/2012

Revision: 2011
Model: T-550 w/ 3/4" MIP or 3/4" copper sweat inlet. Outlet: 3/4" - 11 1/2" NH
Size: x 8", 10", 12", and 14"

Type A
Issued: 7/21/2005
Amended: 5/15/2006, 9/24/2008, 8/15/2012

Revision: 2011
Model: T-550P w/ 1/2" PEX inlet. Outlet: 3/4" - 11 1/2" NH
Size: x 4", 6", 8", 10", 12", and 14"

Type A
Issued: 7/6/2006
Amended: 8/15/2012

Revision: 2011
Model: T552
Issued: 5/18/2000
Amended: 8/15/2012

Revision: 2011
Model: T-552CC w/ 1/2" MIP or 1/2" copper sweat inlet. Outlet: 3/4" - 11 1/2" NH
Size: x 2 7/8"

Type A
Issued: 2/13/2008
Amended: 8/15/2012

MIFAB, Inc.

Revision: 2011
Model: HY-1000 Series & MHY-10 Series & HY-2000 Series
Includes 3/4" outlet and 3/4" female and male inlet along with 3/4" sweat and 1" NPT combination inlet.
Issued: 8/19/1999
Amended: 8/12/2007, 8/15/2012

Revision: 2011
Model: Series HY-8000/MHY-8000
Size: 24 inches
3/4" GHT outlet x 1/2" sweat, 1/2" NPT inlet combination - series includes HY & MHY-8004,8006,8008,8010, 8012,8014,8016,8018,8020,8022,8024
Issued: 3/14/2005
Amended: 8/15/2012



Revision: 2011
Model: Series HY-8500/MHY-8500
Size: 24 inches
3/4" GHT outlet x 1/2" sweat, 1/2" NPT inlet combination - series includes: HY & MHY 8504,8506,8508,8510,8512,8514,8516,8518,8520,8522,8524
Issued: 3/14/2005
Amended: 8/15/2012

Ning Woei Enterprises Co. Ltd.

Revision: 2011
Model: 2890Q CPVC
Size: 1/2" CPVC x 4", 6", 8", 10", 12"
Issued: 2/12/2008
Amended: 8/15/2012

Revision: 2011
Model: 2890QPEX
Size: 1/2" PEX x 4", 6", 8", 10", 12", 14"
Outlet: 3/4" - 11 1/2 NH
Issued: 7/24/2006
Amended: 8/15/2012

Revision: 2011
Model: NW2890Q w/ 1/2" MIP or 1/2" Copper Sweat Inlet
Size: Size: 4", 6", 8", 10", 12", 14"
Outlet: 3/4" - 11 1/2 NH
Issued: 9/13/2005
Amended: 5/15/2006, 8/15/2012

Revision: 2011
Model: NW2890Q w/ 3/4" MIP or 1/2" FIP
Size: Size: 6", 8", 10", 12"
Outlet: 3/4" - 11 1/2 NH
Issued: 9/13/2005
Amended: 5/15/2006, 8/15/2012

Revision: 2011
Model: NW2890Q w/ 3/4" MIP or 3/4" Sweat Inlet
Size: 8", 10", 12", 14"
Outlet: 3/4" - 11 1/2 NH
Issued: 9/13/2005
Amended: 5/15/2006, 8/15/2012

PRIER Products, Inc.
Revision: 2011
Model: C-144 Series, C-244 Series
Size: 3/8 inch inlet up to & including 24 inches
Issued: 11/12/2001
Amended: 9/19/2006, 3/3/2009, 8/15/2012

Revision: 2011
Model: C-634 Series
Size: 1/2 inch inlet
Up to and including 24" in length
Issued: 7/23/2004
Amended: 8/4/2010, 8/15/2012

Revision: 2011
Model: M-400 Series
Type A
Size: 3/8 inch inlet
M-408, M-409, M-410, M-412, M-420, M-421.
Maximum length up to 24".
Issued: 4/4/2007
Amended: 8/18/2008, 12/12/2008, 11/1/2011, 8/15/2012, 7/28/2017

Revision: 2011
Model: M-400 Series
Type C
Size: 3/8 inch inlet
M-478, M-479, M-480, M-481, M-482, M-490, M-491, M-492, M-493.
Maximum length up to 24".
Issued: 4/4/2007
Amended: 7/28/2017

Revision: 2011
Model: P-164 Series, P-264 Series
Size: 3/8 inch inlet
Up to & including 24 inches
Issued: 11/30/2009
Amended: 8/15/2012, 10/20/2017

PT Ever Age Valves Metals

Revision: 2011
Model: FFA-A, FFA-B, FFA-C, FFA-P, FFA-PW & FFA-Z Series
Size: 2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24-inch

-A: 1/2" MIP & 1/2" FCXC X 3/4" MHT;
-B: 3/4" MIP & 1/2" FIP X 3/4" MHT;
-C: 3/4" MCXC & 1/2" FCXC X 3/4" MHT;
-P: 1/2" PEX X 3/4" MHT;
-PW: 1/2" PEX REINFORCING X 3/4" MHT;
-Z: 3/4" MIP & 3/4" FCXC X 3/4" MHT
Issued: 3/3/2004
Amended: 2/23/2005

PurePro / F.W. Webb Company

Revision: 2011
Model: Pro FPS-LF Frost Free Sill Cock
Size: 1/2"
Issued: 3/2/2005
Amended: 4/1/2013, 1/18/2017

Revision: 2011
Model: ProPEX FPS-LF Frost Free Sill Cock
Size: 3/4"
Issued: 3/2/2005
Amended: 4/1/2013, 1/18/2017

Technical Machining Services, Inc

Revision: 2011
Model: 6500
Size: 3/4 inch NPT
Issued: 9/7/2001

Watts Regulator Company

Revision: 2011
Model: FHB-1, FHB-1-PEX, LF-FHB-1, LF-FHB-1-PEX
Size: 1/2 inch
Issued: 7/30/1996
Amended: 9/19/2008, 4/1/2013, 3/1/2016

Revision: 2011
Model: FHB-2, LF-FHB-2
Size: 3/4 inch
Issued: 7/30/1996
Amended: 4/1/2013, 3/1/2016

Woodford Mfg. Co.

Revision: 2011
Model: 101 - Type C
Size: 1/2" Inlet x 3/4" male hose outlet with end connection types: C, CP, CP3, PX, CM
Issued: 8/15/2005
Amended: 4/27/2009

Revision: 2011
Model: 122 - Type C with end connections C, P, PX, CP
Issued: 4/13/2010
Amended: 5/24/2016

Revision: 2011
Model: 17 - Type C
Size: 3/4" outlet hose thread with end connection types: C, P, CP, CP3, PX, PX3, W, W3, R
Issued: 1/4/1998
Amended: 4/27/2009

Revision: 2011
Model: 18
Inlet C, P, CP, CP3, C1
Issued: 5/10/1995

Revision: 2011
Model: 19 - Type C
Size: 1/2" NPT Inlet x 3/4" hose outlet w/ end connections types: CP, C, CP3, P, PX, PX3, W, W3, R
Issued: 8/3/2004
Amended: 4/27/2009

Revision: 2011
Model: 22 - Types A & C with end connections C, P, PX, CP, C1, CP3, PX3, W, W3, R
Issued: 7/9/1999
Amended: 4/27/2009, 5/24/2016

Revision: 2011
Model: 22V - Type A & C with end connections P, PX, CP, C, C1, CP3, PX3, W, W3, R
Issued: 7/9/1999
Amended: 5/24/2016

Revision: 2011
Model: 25 - Type B with end Connection types: C, P, CP, CP3, PX, PX3, W, W3, R
Issued: 3/17/1980
Amended: 4/27/2009

Revision: 2011
Model: 65
Size: 1 inch Male NPT (P1)
Issued: 10/12/2001

Revision: 2011
Model: 65
Size: 3/4 inch Female NPT (P)
3/4 inch Copper Sweat (C), 3/4 inch Union Elbow (EP)
Issued: 10/12/2001

Revision: 2011
Model: V122 - Type C with end connections C, P, PX, CP
Issued: 4/13/2010
Amended: 5/24/2016

Zurn Industries, Inc.

Revision: 2011
Model: Z1300
Size: 3/4 inch
Issued: 7/23/1992

Revision: 2011
Model: Z1310
Size: 3/4 inch
Issued: 1/14/2019

Revision: 2011
Model: Z1320
Size: 3/4 inch
Issued: 7/23/1992
Amended: 8/15/2012

Revision: 2011
Model: Z1320-C
Size: 3/4 inch
Issued: 7/23/1992
Amended: 8/15/2012

Revision: 2011
Model: Z1320-CXL
Size: 3/4 inch
Issued: 4/7/2015

Revision: 2011
Model: Z1320-EZ
Size: 3/4 inch
Issued: 12/3/2014

Revision: 2011
Model: Z1320XL
Size: 3/4 inch
Issued: 4/7/2015

Revision: 2011
Model: Z1320XL-EZ
Size: 3/4 inch
Issued: 4/7/2015

Revision: 2011
Model: Z1321
Size: 3/4 inch
Issued: 1/14/2019

Revision: 2011
Model: Z1321-C
Size: 3/4 inch
Issued: 1/14/2019

Revision: 2011
Model: Z1321-CXL
Size: 3/4 inch
Issued: 1/14/2019
Amended: 1/14/2019

Revision: 2011
Model: Z1321XL
Size: 3/4 inch
Issued: 1/14/2019
Amended: 1/14/2019

Revision: 2011
Model: Z1322-EZ
Size: 3/4 inch
Issued: 7/23/1992
Amended: 8/15/2012, 7/28/2014

Revision: 2011
Model: Z1322XL-EZ
Size: 3/4 inch
Issued: 4/7/2015

A. Y. McDonald Mfg. Co.
Revision: 2004
Model: 72011/72011P
1/2" male x 1/2" solder, 3/4" male x 1/2" female, 3/4" male x 3/4" solder, 1/2" PEX tubing - 4", 6", 8", 10", 12", 14" lengths - Type A

Issued: 12/7/2009

Arrowhead Brass & Plumbing LLC

Revision: 2004
Model: 496 & 496LF
Type A- 1/2 inch inlet - 14-1/4 length
Issued: 6/14/2000
Amended: 6/9/2009, 7/23/2009

Revision: 2004
Model: 496V & 496VLF
Size: 1/2 inch inlet
Type A
Issued: 6/14/2000
Amended: 6/9/2009, 7/23/2009

Revision: 2004
Model: 499 & 499LF
Size: 1/2 inch inlet & outlet
Type A
Issued: 6/14/2000
Amended: 6/9/2009, 7/23/2009

Homewerks Worldwide c/o PT Ever Age Valves Metals

Revision: 2004
Model: VFC Series
Includes: VFCASPC11** (VFFASPC11**), VFCASPC13** (VFFASPC13**), VFCASPC15** (VFFASPC15**), VFCASPC17** (VFFASPC17**), VFCASPC19** (VFFASPC19**), VFCASPC21** (VFFASPC21**), VFCASPG11** (VFFASPG11**), VFCASPG13** (VFFASPG13**), VFCASPG15** (VFFASPG15**), VFCASPG17** (VFFASPG17**), VFCASPG19** (VFFASPG19**), VFCASPG21** (VFFASPG21**), VFCSTDP11** (VFFSTDP11**), VFCSTDP13** (VFFSTDP13**), VFCSTDP15** (VFFSTDP15**), VFCSTDP17** (VFFSTDP17**), VFCSTDP19** (VFFSTDP19**), VFCSTDP21** (VFFSTDP21**) w/ suffix option denoting different packaging, handle color and trade mark -PA - Affiliated distributor ProChannel, B- Homewerks Worldwide, LLC, A- Affiliated distributor ProChannel
Issued: 2/25/2011

Matco-Norca, Inc

Revision: 2004
Model: 212 Series
1/2" male x 1/2" solder;
3/4" male x 1/2" female;
3/4" male x 3/4" solder;
1/2" PEX tubing
Issued: 1/4/2006

MIFAB, Inc.

Revision: 2004
Model: HY-4000/MHY-4000 Series
Size: 4" to 24" wall thickness
(Series includes: HY-4004/MHY-4004 - 4", HY-4006/MHY-4006 - 6", HY-4008/MHY-4008 - 8", HY-4010/MHY-4010 - 10", HY-4012/MHY-4012 - 12", HY-4014/MHY-4014 - 14", HY-4016/MHY-4016 - 16", HY-4018/MHY-4018 -

18", HY-4020/MHY-4020 - 20" & HY-4024/MHY-4024 - 24")
Issued: 8/18/2005

STANDARD #ASSE 1020

Pressure Vacuum Breaker Assembly ASSE-2004

Apollo Valves / Conbraco Industries

Revision: 2004
Model: PVB4A
Size: 1 1/2"
w/ 7B,77B, 91B Series ball valves
Issued: 5/9/1990

Revision: 2004
Model: PVB4A
Size: 1 1/4"
w/ 7B,77B, 91B Series ball valves
Issued: 12/30/2008
Amended: 1/20/2011, 1/20/2011

Revision: 2004
Model: PVB4A
Size: 1"
w/ 7B,77B, 91B Series ball valves
Issued: 11/27/2007
Amended: 1/20/2011, 1/20/2011

Revision: 2004
Model: PVB4A
Size: 1/2"
w/ 7B,77B, 91B Series ball valves
Issued: 11/27/2007
Amended: 1/20/2011, 1/20/2011

Revision: 2004
Model: PVB4A
Size: 2"
w/ 7B,77B, 91B Series ball valves
Issued: 1/20/2009
Amended: 1/20/2011, 1/20/2011

Revision: 2004
Model: PVB4A
Size: 3/4"
w/ 7B,77B, 91B Series ball valves
Issued: 11/27/2007
Amended: 1/20/2011, 1/20/2011

Revision: 2004
Model: PVBLF4A
Size: 1"
w/ 77BLF, 91BLF Series ball valves
Issued: 5/9/1990
Amended: 2/7/2006, 10/21/2010, 1/20/2011

Revision: 2004
Model: PVBLF4A
Size: 1/2"
w/ 77BLF, 91BLF Series ball valves
Issued: 5/9/1990
Amended: 2/7/2006, 10/21/2010, 1/20/2011

Revision: 2004
Model: PVBLF4A
Size: 3/4"
w/ 77BLF, 91BLF Series ball valves
Issued: 5/9/1990
Amended: 2/7/2006, 10/21/2010, 1/20/2011

ARI Flow Control Accessories

Revision: 2004
Model: VB501
Size: 3/4" and 1"
Issued: 10/29/2017

FEBCO, a Watts Regulator Company

Revision: 2004
Model: (LF) 767-FR (LF, U)
Size: 1 1/2"
w/ KeyGuard SOV, Watts FBV, FBV-E, , LF-FBV, LF-FBV-E
Issued: 3/2/2006
Amended: 4/4/2006, 10/23/2008, 3/29/2010

Revision: 2004
Model: (LF) 767-FR (LF, U)
Size: 1 1/4"
w/ KeyGuard SOV, Watts FBV, FBV-E, , LF-FBV, LF-FBV-E
Issued: 3/2/2006
Amended: 4/4/2006, 10/23/2008, 3/29/2010

Revision: 2004
Model: (LF) 767-FR (LF, U)
Size: 1"
w/ KeyGuard SOV, Watts FBV, FBV-E, , LF-FBV, LF-FBV-E
Issued: 3/20/2007
Amended: 10/23/2008, 3/29/2010

Revision: 2004
Model: (LF) 767-FR (LF, U)
Size: 1/2"
w/ KeyGuard SOV, Watts FBV, FBV-E, , LF-FBV, LF-FBV-E
Issued: 3/2/2006
Amended: 4/4/2006, 10/23/2008, 3/29/2010

Revision: 2004
Model: (LF) 767-FR (LF, U)
Size: 2"
w/ KeyGuard SOV, Watts FBV, FBV-E, , LF-FBV, LF-FBV-E
Issued: 3/2/2006
Amended: 4/4/2006, 10/23/2008, 3/29/2010

Revision: 2004
Model: (LF) 767-FR (LF, U)
Size: 3/4"
w/ KeyGuard SOV, Watts FBV, FBV-E, , LF-FBV, LF-FBV-E
Issued: 3/2/2006
Amended: 4/4/2006, 10/23/2008, 3/29/2010

Revision: 2004
Model: 765
Size: 1 inch
w/Febco 622 BV-QT & KeyGuard SOV
Issued: 8/27/1981
Amended: 3/4/2008, 10/23/2008, 5/12/2011

Revision: 2004
Model: 765
Size: 1/2 inch
w/Febco 622 BV-QT & KeyGuard SOV
Issued: 8/27/1981
Amended: 3/4/2008, 10/23/2008, 5/12/2011

Revision: 2004
Model: 765
Size: 1-1/2 inch
w/Febco 622 BV-QT & KeyGuard SOV
Issued: 8/27/1981
Amended: 3/4/2008, 10/23/2008, 5/12/2011

Revision: 2004
Model: 765
Size: 1-1/4 inch
w/Febco 622 BV-QT & KeyGuard SOV
Issued: 8/27/1981
Amended: 3/4/2008, 10/23/2008, 5/12/2011

Revision: 2004
Model: 765
Size: 2 inch
w/Febco 622 BV-QT & KeyGuard SOV
Issued: 8/27/1981
Amended: 3/4/2008, 10/23/2008, 5/12/2011

Revision: 2004
Model: 765
Size: 3/4 inch
w/Febco 622 BV-QT & KeyGuard SOV
Issued: 8/27/1981
Amended: 3/4/2008, 10/23/2008, 5/12/2011

Revision: 2004
Model: 765U
Size: 1 inch
w/Febco 622 BV-QT
Issued: 8/27/1981
Amended: 3/4/2008,
5/12/2011

Revision: 2004
Model: 765U
Size: 1/2 inch
w/Febco 622 BV-QT
Issued: 8/27/1981
Amended: 3/4/2008,
5/12/2011

Revision: 2004
Model: 765U
Size: 1-1/2 inch
w/Febco 622 BV-QT
Issued: 8/27/1981
Amended: 3/4/2008,
5/12/2011

Revision: 2004
Model: 765U
Size: 1-1/4 inch
w/Febco 622 BV-QT
Issued: 8/27/1981
Amended: 3/4/2008,
5/12/2011

Revision: 2004
Model: 765U
Size: 2 inch
w/Febco 622 BV-QT
Issued: 8/27/1981
Amended: 3/4/2008,
5/12/2011

Revision: 2004
Model: 765U
Size: 3/4 inch
w/Febco 622 BV-QT
Issued: 8/27/1981
Amended: 3/4/2008,
5/12/2011

Toro Company
Revision: 2004
Model: 53300
Issued: 10/1/1993
Amended: 7/23/2007

Watts Regulator Company
Revision: 2004
Model: (LF) 800M4QT
Size: 1 1/2 inch
w/ KeyGuard SOV, Watts
FBV, FBV-E, LF-FBV & LF-
FBV-E
Issued: 4/23/1984
Amended: 6/1/1995,
2/21/2006, 4/4/2006,
10/23/2008, 3/29/2010

Revision: 2004
Model: (LF) 800M4QT
Size: 1 1/4 inch
w/ KeyGuard SOV, Watts
FBV, FBV-E, LF-FBV & LF-
FBV-E
Issued: 5/27/2009
Amended: 6/1/1995,
2/21/2006, 4/4/2006,
10/23/2008, 3/29/2010

Revision: 2004
Model: (LF) 800M4QT
Size: 1/2 inch
w/ KeyGuard SOV, Watts
FBV, FBV-E, LF-FBV & LF-
FBV-E
Issued: 4/23/1984
Amended: 6/1/1995,
2/21/2006, 4/4/2006,
10/23/2008, 3/29/2010

Revision: 2004
Model: (LF) 800M4QT
Size: 2 inch
w/ KeyGuard SOV, Watts
FBV, FBV-E, , LF-FBV &
LF-FBV-E
Issued: 4/23/1984
Amended: 6/1/1995,
2/21/2006, 4/4/2006,
10/23/2008, 3/29/2010

Revision: 2004
Model: (LF)-800M4-FR
(LF)
Size: 1 1/2 inch
w/ KeyGuard SOV, Watts
FBV, FBV-E, LF-FBV, LF-
FBV-E
Issued: 4/23/1984
Amended: 6/1/1995,
2/21/2006, 4/4/2006,
10/23/2008, 3/29/2010

Revision: 2004
Model: (LF)-800M4-FR
(LF)
Size: 1 1/4 inch
w/ KeyGuard SOV, Watts
FBV, FBV-E, LF-FBV, LF-
FBV-E
Issued: 4/23/1984
Amended: 6/1/1995,
2/21/2006, 4/4/2006,
10/23/2008, 3/29/2010

Revision: 2004
Model: (LF)-800M4-FR
(LF)
Size: 1 inch
w/ KeyGuard SOV, Watts
FBV, FBV-E, LF-FBV, LF-
FBV-E
Issued: 4/23/1984
Amended: 6/1/1995,
2/21/2006, 4/4/2006,
10/23/2008, 3/29/2010

Revision: 2004
Model: (LF)-800M4-FR
(LF)
Size: 1/2 inch
w/ KeyGuard SOV, Watts
FBV, FBV-E, LF-FBV, LF-
FBV-E
Issued: 4/23/1984
Amended: 6/1/1995,
2/21/2006, 4/4/2006,
10/23/2008, 3/29/2010

Revision: 2004
Model: (LF)-800M4-FR
(LF)
Size: 2 inch
w/ KeyGuard SOV, Watts
FBV, FBV-E, LF-FBV, LF-
FBV-E
Issued: 4/23/1984
Amended: 6/1/1995,
2/21/2006, 4/4/2006,
10/23/2008, 3/29/2010

Revision: 2004
Model: (LF)-800M4-FR
(LF)
Size: 3/4 inch
w/ KeyGuard SOV, Watts
FBV, FBV-E, LF-FBV, LF-
FBV-E
Issued: 4/23/1984
Amended: 6/1/1995,
2/21/2006, 4/4/2006,
10/23/2008, 3/29/2010

Revision: 2004
Model: (LF, U)800M4QT
Size: 1 inch
w/ KeyGuard SOV, Watts
FBV, FBV-E
Issued: 4/23/1984
Amended: 6/1/1995,
2/21/2006, 4/4/2006,
10/23/2008

Revision: 2004
Model: (LF, U)800M4QT
Size: 3/4 inch
w/ KeyGuard SOV, Watts
FBV, FBV-E
Issued: 4/23/1984
Amended: 6/1/1995,
2/21/2006, 4/4/2006,
10/23/2008

Revision: 2004
Model: 800CM
Size: 1/2 inch
w/ KeyGuard SOV, Watts
FBV, FBV-E
Issued: 4/23/1984
Amended: 6/1/1995,
2/21/2006, 4/4/2006,
10/23/2008

Revision: 2004
Model: 800CM
Size: 3/4 inch
w/ KeyGuard SOV, Watts
FBV, FBV-E
Issued: 4/23/1984
Amended: 6/1/1995,
2/21/2006, 4/4/2006,
10/23/2008

Revision: 2004
Model: 800M
Size: 1/2 inch
w/ KeyGuard SOV, Watts
FBV, FBV-E
Issued: 4/23/1984
Amended: 6/1/1995,
2/21/2006, 4/4/2006,
10/23/2008

Revision: 2004
Model: 800M
Size: 3/4 inch
w/ KeyGuard SOV, Watts
FBV, FBV-E
Issued: 4/23/1984
Amended: 6/1/1995,
2/21/2006, 4/4/2006,
10/23/2008

Wilkins / A Division of Zurn
Revision: 2004
Model: 420
Size: 1/2 inch
Issued: 2/26/2008
Amended: 2/15/2007,
5/26/2010

Revision: 2004
Model: 420 & 420XL
Size: 1 inch
420XL w/ Wilkins 850XL
shut off valves
Exemption from
displaying the logo
granted 03/23/2006
Issued: 11/6/1997
Amended: 1/30/2007,
8/20/2012

Revision: 2004
Model: 420 & 420XL
Size: 3/4 inch
420XL w/ Wilkins 850XL
shut off valves
Issued: 2/26/2008
Amended: 2/15/2007,
5/26/2010, 8/20/2012

Revision: 2004
Model: 710
Size: 1"
Issued: 12/10/2018

Revision: 2004
Model: 710
Size: 3/4"
Issued: 12/10/2018

Revision: 2004
Model: 720A
Size: 1/2 inch
Exemption from
displaying the logo
granted 03/23/2006
Issued: 6/28/1990
Amended: 2/26/2006,
8/10/2017

Revision: 2004
Model: 720A
Size: 1-1/2 inch
Exemption from
displaying the logo
granted 03/23/2006
Issued: 6/28/1990
Amended: 2/26/2006,
8/10/2017

Revision: 2004
Model: 720A
Size: 1-1/4 inch
Exemption from
displaying the logo
granted 03/23/2006
Issued: 6/28/1990
Amended: 2/26/2006,
8/10/2017

Revision: 2004
Model: 720A
Size: 2 inch
Exemption from
displaying the logo
granted 03/23/2006
Issued: 6/28/1990
Amended: 2/26/2006,
8/10/2017

Revision: 2004
Model: 720A & 720AU
Size: 1 inch
Exemption from
displaying the logo
granted 03/23/2006
Issued: 6/28/1990
Amended: 2/26/2006,
8/20/2012, 8/10/2017

Revision: 2004
Model: 720A & 720AU
Size: 3/4 inch
Exemption from
displaying the logo
granted 03/23/2006
Issued: 6/28/1990
Amended: 2/26/2006,
8/20/2012, 8/10/2017

STANDARD #ASSE 1022
Backflow Preventer for Beverage Dispensing Equipment ASSE-2003

Anderson Brass Co.
Revision: 2003
Model: ABF-1 & ABF-1LL
3/8" (w/ NPT Inlet &
Flare Outlet
Connections) & option
for one or two piece
retainer
Issued: 6/23/2004
Amended: 11/10/2009,
7/11/2011

Revision: 2003
Model: ABF-1BLL
3/8" or 1/2" (w/
Combination Barb Inlet
& Combination Barb
Outlet Connections)
Issued: 6/23/2004
Amended: 10/27/2010,
7/11/2011

Revision: 2003
Model: ABF-1F & ABF-
1FLL
3/8" (w/flare inlet &
flare outlet connections)
Issued: 6/2/2008
Amended: 11/10/2009,
7/11/2011

Revision: 2003
Model: ABF-1HLL
3/8" NPT X 3/8" Hose
Issued: 6/23/2004

Revision: 2003
Model: ABF-1SS
3/8" (w/NPT inlet and
Flare Outlet Connection)
Issued: 6/23/2004
Amended: 7/11/2011

Apollo Valves / Conbraco Industries

Revision: 2003
Model: CBBP
Size: 1/4 inch
Issued: 10/29/1998
Amended: 6/1/2006

Revision: 2003
Model: CBBP
Size: 3/8 inch
Issued: 10/29/1998
Amended: 6/1/2006

Watts Regulator Company

Revision: 2003
Model: SD3
with/without integral
strainer
Size: 1/4 inch
Flare & NPT adapters
Issued: 1/6/1999
Amended: 10/1/2000,
5/26/2005

Revision: 2003
Model: SD3
with/without integral
strainer
Size: 3/8 inch
Flare & NPT adapters
Issued: 1/6/1999
Amended: 10/1/2000,
5/26/2005

Wilkins / A Division of Zurn

Revision: 2003
Model: 740
Size: 3/8 inch
Exemption from
displaying the logo
granted 03/23/2006
Issued: 6/4/2001

STANDARD #ASSE 1023

Hot Water Dispensers Household Storage Type - Electrical ASSE-1979

In-Sink-Erator Corp
Revision: 1979
Model: 1100 Faucets
Includes: F-GN1100XX, F-
HC1100XX (XX=Finish
Color)
Issued: 4/12/2000
Amended: 2/5/2014

Revision: 1979
Model: 1100 Systems
Includes: C1300-SS,
GN1100SN-SS
Issued: 5/15/2018

Revision: 1979
Model: 1400 Faucets
Includes: F-H1400XXX
(XXX=Finish Color)
Issued: 6/15/2018
Amended: 6/15/2018

Revision: 1979
Model: 2200 Faucets
Includes: F-GN2200XX, F-
HC2200XX (XX=Finish
Color)
Issued: 4/12/2000
Amended: 2/5/2014

Revision: 1979
Model: 2215 Faucets
Includes: F-GN2215XX, F-
HC2215XX (XX=Finish
Color)
Issued: 4/12/2000
Amended: 2/5/2014

Revision: 1979
Model: 2300 Faucets
Includes: F-H2300XXX
(XXX=Finish Color)
Issued: 6/15/2018
Amended: 6/15/2018

Revision: 1979
Model: 3300 Faucets
Includes: F-H3300XX, F-
HC3300XX (XX=Finish
Color)
Issued: 4/12/2000
Amended: 2/5/2014

Revision: 1979
Model: Contour Systems
Includes: E340-SS, H-
Classic-SS, H-Contour-SS
Issued: 5/15/2018

Revision: 1979
Model: Hot 100 & 150
Systems
Includes: H-HOT100C-SS,
H-HOT100SN-SS, H-
SH10-SS, H-HOT150C-SS,
H-HOT150SN-SS
Issued: 5/15/2018

Revision: 1979
Model: HWT Tanks
Includes: HWT, HWT-00,
HWT-C1300, HWT-E340,
HWT-HP, HWT-F1000S,
HWT-SRV-C1300, HWT-
SRV-E340SS, HOT100,
SH10
Issued: 5/15/2018

Revision: 1979
Model: NXT-C1300 /
NXT-HP / HWT300 /
HWT300-F2000S /
HWT300SRV
Size: 2/3 gallon tank,
1/4" tubing
NeoTank, Filtered
Instant Hot Water
Systems
Issued: 5/15/2018
Amended: 1/2/2019

Revision: 1979
Model: View Systems
Includes: H-ViewXX-SS,
HC-ViewXX-SS (XX=Finish
Color)
Issued: 5/15/2018

Revision: 1979
Model: Wave Systems
Includes: H-WaveXX-SS,
HC-WaveXX-SS (XX=
Finish Color)
Issued: 5/15/2018

STANDARD #ASSE 1024

Dual Check Backflow Preventers ASSE-2004

A. Y. McDonald Mfg. Co.
Revision: 2004
Model: 711-3 Series
Size: 1 x 1 inch
w/ Various End
Connections
Issued: 3/13/1992
Amended: 11/26/2002,
4/27/2004, 5/1/2004,
5/30/2006, 7/11/2006

Revision: 2004
Model: 711-3 Series
Size: 1 x 3/4 inch
w/ Various End
Connections
Issued: 3/13/1992
Amended: 11/26/2002,
4/27/2004, 5/1/2004,
5/30/2006, 7/11/2006

Revision: 2004
Model: 711-3 Series
Size: 3/4 x 1 inch
w/ Various End
Connections
Issued: 3/13/1992
Amended: 11/26/2002,
4/27/2004, 5/1/2004,
5/30/2006, 7/11/2006

Revision: 2004
Model: 711-3 Series
Size: 3/4 x 3/4 inch
w/ Various End
Connections
Issued: 3/13/1992
Amended: 11/26/2002,
4/27/2004, 5/1/2004,
5/30/2006, 7/11/2006

Revision: 2004
Model: 711-3 Series
Size: 5/8 x 3/4 inch
w/ Various End
Connections
Issued: 3/13/1992
Amended: 11/26/2002,
4/27/2004, 5/1/2004,
5/30/2006, 7/11/2006

Revision: 2004
Model: 711X3, 7311X3
Size: 3/4 x 3/4 inch
w/ Various End
Connections
Issued: 12/19/2016

Revision: 2004
Model: 712-3 Series
Size: 1-1/4 x 1 inch
w/various end
connections
Issued: 12/2/1992
Amended: 10/30/2002,
4/27/2004, 4/27/2004,
5/30/2006

Revision: 2004
Model: 712-3 Series
Size: 3/4 x 1 inch
w/various end
connections
Issued: 12/2/1992
Amended: 10/30/2002,
4/27/2004, 4/27/2004,
5/30/2006

Revision: 2004
Model: 712-3 Series
Size: 3/4 x 3/4 inch
w/various end
connections
Issued: 12/2/1992
Amended: 10/30/2002,
4/27/2004, 4/27/2004,
5/30/2006

Revision: 2004
Model: 712-3 Series
Size: 5/8 x 3/4
w/various end
connections
Issued: 12/2/1992
Amended: 10/30/2002,
4/27/2004, 4/27/2004,
5/30/2006

Revision: 2004
Model: 712-7 Series
Size: 1 1/2" x 1 1/2"
w/ various end
connections and taps.
Issued: 6/14/2002
Amended: 4/27/2004,
5/1/2004, 5/30/2006

Revision: 2004
Model: 712-7 Series
Size: 2" x 2"
w/ various end
connections and taps.
Issued: 6/14/2002
Amended: 4/27/2004,
5/1/2004, 5/30/2006

Ademco Inc. / Honeywell

Revision: 2004
Model: BP-700
Size: 3/4 inch
Issued: 10/9/1989
Amended: 8/1/2005,
10/5/2018

Revision: 2004
Model: BP-701
Size: 1 inch
Issued: 10/9/1989
Amended: 8/1/2005,
10/5/2018

Apollo Valves / Conbraco Industries

Revision: 2004
Model: DUC40 &
DUCLF40
Size: 1"
Issued: 3/31/1989
Amended: 2/7/2006,
1/20/2011, 1/24/2011

Revision: 2004
Model: DUC40 &
DUCLF40
Size: 1/2"
Issued: 3/31/1989
Amended: 2/7/2006,
1/20/2011, 1/24/2011

Revision: 2004
Model: DUC40 &
DUCLF40
Size: 3/4"
Issued: 3/31/1989
Amended: 2/7/2006,
1/20/2011, 1/24/2011

Revision: 2004
Model: DUC4FP &
DUCLF4FP
Size: 1 1/4"
Issued: 9/11/2008
Amended: 1/20/2011,
1/24/2011

Revision: 2004
Model: DUC4FP &
DUCLF4FP
Size: 1"
Issued: 9/11/2008
Amended: 1/20/2011,
1/24/2011

Revision: 2004
Model: DUC4N &
DUCLF4N
Size: 1" FNPT X 1" FNPT
Issued: 6/22/2004
Amended: 1/20/2011,
1/24/2011

Revision: 2004
Model: DUC4N &
DUCLF4N
Size: 1" Male union x 1"
Female union
Issued: 11/28/2005
Amended: 1/20/2011,
1/24/2011

Revision: 2004
Model: DUC4N &
DUCLF4N
Size: 1/2" FNPT X 1/2"
FNPT
Issued: 6/22/2004
Amended: 1/20/2011,
1/24/2011

Revision: 2004
Model: DUC4N &
DUCLF4N
Size: 3/4" Female meter
swivel x 3/4" FNPT
Issued: 6/22/2004
Amended: 1/20/2011,
1/24/2011

Revision: 2004
Model: DUC4N &
DUCLF4N
Size: 3/4" FNPT X 3/4"
FNPT
Issued: 5/2/2005
Amended: 1/20/2011,
1/24/2011

Revision: 2004
Model: DUC4N &
DUCLF4N
Size: 3/8" FNPT
Issued: 5/2/2005
Amended: 1/20/2011,
1/24/2011

Revision: 2004
Model: DUC4N &
DUCLF4N
Size: 3/8" FNPT chrome
plated
Issued: 3/31/1989
Amended: 1/20/2011,
1/24/2011

Revision: 2004
Model: DUCLF4A
Size: 1"
Issued: 3/13/2015

Revision: 2004
Model: DUCLF4A
Size: 3/4"
Issued: 3/13/2015

Cambridge Brass, Inc.
Revision: 2004
Model: CBDC
Size: 3/4 inch
Issued: 8/21/2001
Amended: 11/14/2006

Revision: 2004
Model: CBDC-1
Issued: 4/3/2002
Amended: 11/14/2006

Revision: 2004
Model: CBDC-10
Size: 2"
Issued: 7/28/2008

Revision: 2004
Model: CBDC-11
Size: 3/4"
Issued: 12/4/2006

Revision: 2004
Model: CBDC-12
Size: 3/4"
Issued: 12/4/2006

Revision: 2004
Model: CBDC-13
Size: 1 inch
NPT Connections
Issued: 7/24/2006

Revision: 2004
Model: CBDC-14
Size: 1 inch
Issued: 12/4/2006

Revision: 2004
Model: CBDC-15
Size: 3/4"
Issued: 1/28/2008

Revision: 2004
Model: CBDC-16
Size: 3/4"
Issued: 1/28/2008

Revision: 2004
Model: CBDC-17
Size: 1 1/2"
Issued: 7/28/2008

Revision: 2004
Model: CBDC-2
Issued: 4/3/2002
Amended: 11/14/2006

Revision: 2004
Model: CBDC-3
Issued: 4/3/2002
Amended: 11/14/2006

Revision: 2004
Model: CBDC-4
Size: 3/4"
Issued: 12/4/2006

Revision: 2004
Model: CBDC-5
Size: 3/4"
Issued: 12/4/2006

Revision: 2004
Model: CBDC-6
Size: 1 inch
Issued: 7/14/2005

**Cash Acme / Reliance
Worldwide Corp**
Revision: 2004
Model: BF Style 1
Size: 1 inch
AVAILABLE
CONNECTIONS
BF10101 1" BF1,
Dual Check, FNPT Union
Inlet & FNPT Outlet
BF10101SB 1" BF1,
Dual Check, SharkBite
Inlet & Outlet
Issued: 10/10/1986
Amended: 10/24/2005

Revision: 2004
Model: BF Style 1
Size: 3/4 inch
AVAILABLE
CONNECTIONS
BF13434 3/4" BF1,
Dual Check, FNPT Union
Inlet & FNPT Outlet
BF13434SB 3/4" BF1,
Dual Check, SharkBite
Inlet & Outlet
Issued: 10/10/1986
Amended: 10/24/2005

Revision: 2004
Model: BF Style 5
Size: 1 x 3/4 inch
AVAILABLE
CONNECTIONS
BF5M0134 1" X
3/4" BF5, Dual Check,
Meter Swivel Nut Inlet,
FNPT Outlet
BF5M0134SB 1" X
3/4" BF5, Dual Check,
Meter Swivel Nut Inlet,
SharkBite Outlet
Issued: 12/31/2007

Revision: 2004
Model: BF Style 5
Size: 1.25 x 1
AVAILABLE
CONNECTIONS
BF5M1401 1-1/4" X
1" BF5, Dual Check,
Meter Swivel Nut Inlet,
FNPT Outlet
BF5M1401SB 1-1/4" X
1" BF5, Dual Check,
Meter Swivel Nut Inlet,
SharkBite Outlet
Issued: 10/10/1986

**Ford Meter Box
Company, Inc**
Revision: 2004
Model: HHA 31-313
Size: 5/8 x 3/4 in
Issued: 3/13/1992

Revision: 2004
Model: HHA31-323
Size: 3/4 inch
Issued: 3/3/1999

Revision: 2004
Model: HHA31-344
Size: 3/4x1"
Issued: 5/17/1999

Revision: 2004
Model: HHC11-333 /
HHCCR11-333
Size: 3/4"
Issued: 7/25/2011

Revision: 2004
Model: HHC11-344 /
HHCCR11-344
Size: 3/4"
Issued: 7/25/2011

Revision: 2004
Model: HHC11-444 /
HHCCR11-444
Size: 1"
Issued: 7/25/2011

Revision: 2004
Model: HHCA31-313 /
HHCACR31-313
Size: 5/8"
Issued: 7/25/2011

Revision: 2004
Model: HHCA31-323 /
HHCACR31-323
Size: 3/4"
Issued: 7/25/2011

Revision: 2004
Model: HHCA31-344 /
HHCACR31-344
Size: 3/4"
Issued: 7/25/2011

Revision: 2004
Model: HHCA31-444 /
HHCACR31-444
Size: 1"
Issued: 7/25/2011
Amended: 2/6/2017

Revision: 2004
Model: HHCH13-332 /
HHCHCR13-332
Size: 3/4"
Issued: 7/25/2011
Amended: 3/31/2011,
4/25/2011

Revision: 2004
Model: HHCH31-323 /
HHCHCR31-323
Size: 3/4"
Issued: 7/25/2011

Revision: 2004
Model: HHCI33-311 /
HHICR33-311
Size: 5/8"
Issued: 7/25/2011
Amended: 2/23/2006

Revision: 2004
Model: HHFA - 31-777
Size: 2 inch
Orientation: Vertical
Down
Issued: 10/30/2008

Revision: 2004
Model: HHS11-777
Size: 2 inch
Orientation: Horizontal
Issued: 10/30/2008

Revision: 2004
Model: HHS31-313
Size: 5/8x3/4"
Issued: 5/17/1999

Revision: 2004
Model: HHS31-323
Size: 3/4 inch
Issued: 3/3/1999

Revision: 2004
Model: HHS31-344
Size: 3/4x1"
Issued: 5/17/1999

Giacomini s.p.a.
Revision: 2004
Model: R623LF
Size: 1 inch
Exemption from
displaying the logo
granted 09/02/2004
Issued: 2/20/2006
Amended: 8/25/2005,
3/23/2011, 8/9/2018

Revision: 2004
Model: R623LF
Size: 1/2 inch
Exemption from
displaying the logo
granted 2/20/2006
Issued: 2/20/2006
Amended: 3/23/2011,
8/9/2018

Revision: 2004
Model: R623LF
Size: 3/4 inch
Exemption from
displaying the logo
granted 09/02/2004
Issued: 2/20/2006
Amended: 8/25/2005,
3/23/2011, 8/9/2018

**Glen-Flo c/o Flomatic
Corp**
Revision: 2004
Model: GF8080S6 &
GF8081S6
Size: 3/4 & 1 inch NPT
Threads
Vertical or Horizontal,
Stainless Steel
Issued: 10/18/2013

James Jones Company
Revision: 2004
Model: M98 (Includes
"N" Option)
Size: 1"
Exemption from
displaying the logo
granted 03/21/2007
Issued: 3/21/2007
Amended: 2/25/2009

Revision: 2004
Model: M98 (Includes "N" Option)
Size: 3/4"
Exemption from displaying the logo granted 03/21/2007
Issued: 3/21/2007
Amended: 2/25/2009

Legend

Revision: 2004
Model: T-457 - 3/4 & 1 inch
Issued: 3/11/1992
Amended: 8/1/2005

Revision: 2004
Model: T-457NL
Size: 1 inch
Orientation: Vertical Down - Vertical Up
Lead-Free Dual backflow preventer
Issued: 6/18/2018

Revision: 2004
Model: T-457NL
Size: 1/2 inch
Orientation: Vertical Down - Vertical Up
Lead-Free Dual backflow preventer
Issued: 6/18/2018

Revision: 2004
Model: T-457NL
Size: 3/4 inch
Orientation: Vertical Down - Vertical Up
Lead-Free Dual backflow preventer
Issued: 6/18/2018

Mueller Company

Revision: 2004
Model: H-14241 (Includes "N" Option)
Size: 1 inch
Exemption from displaying the logo granted 12/22/2005
Issued: 12/14/1990
Amended: 9/8/2003, 4/1/2004, 8/11/2005, 2/25/2009, 1/19/2011, 5/9/2013

Revision: 2004
Model: H-14241 (Includes "N" option)
Size: 3/4"
Exemption from displaying the logo granted 3/17/2017
Issued: 3/17/2017

Revision: 2004
Model: H-14242 (Includes "N" Option)
Size: 1 inch
Exemption from displaying the logo granted 12/22/2005
Issued: 12/14/1990
Amended: 9/8/2003, 4/1/2004, 8/11/2005, ASSE Seal Authorizations - January 23, 2019

2/25/2009, 1/19/2011, 5/9/2013

Revision: 2004
Model: H-14242 (Includes "N" option)
Size: 3/4"
Exemption from displaying the logo granted 12/22/2005
Issued: 3/22/2002
Amended: 9/13/2005, 2/25/2009

Revision: 2004
Model: H-14243 (Includes "N" option)
Size: 3/4"
Exemption from displaying the logo granted 12/22/2005
Issued: 3/22/2002
Amended: 9/13/2005, 2/25/2009

Revision: 2004
Model: H-14243 (Includes "N" Option)
Size: 1 inch
Exemption from displaying the logo granted 12/22/2005
Issued: 12/14/1990
Amended: 9/8/2003, 4/1/2004, 8/11/2005, 2/25/2009, 1/19/2011, 5/9/2013

Revision: 2004
Model: H-14244 (Includes "N" option)
Size: 3/4"
Exemption from displaying the logo granted 12/22/2005
Issued: 3/22/2002
Amended: 9/13/2005, 2/25/2009, 1/19/2011

Revision: 2004
Model: H-14244 (Includes "N" Option)
Size: 1 inch
Exemption from displaying the logo granted 12/22/2005
Issued: 12/14/1990
Amended: 9/8/2003, 4/1/2004, 8/11/2005, 2/25/2009, 1/19/2011, 5/9/2013

Revision: 2004
Model: H-14245 (Includes "N" option)
Size: 3/4"
Exemption from displaying the logo granted 12/22/2005
Issued: 3/22/2002
Amended: 9/13/2005, 2/25/2009

Revision: 2004
Model: H-14246 (Includes "N" option)
Size: 3/4"
Exemption from displaying the logo granted 12/22/2005
Issued: 3/22/2002
Amended: 9/13/2005, 2/25/2009

Revision: 2004
Model: H-14247 (Includes "N" option)
Size: 3/4"
Exemption from displaying the logo granted 12/22/2005
Issued: 3/22/2002
Amended: 2/24/2005, 9/13/2005, 2/25/2009

Revision: 2004
Model: H-14248 (Includes "N" option)
Size: 3/4"
Exemption from displaying the logo granted 12/22/2005
Issued: 3/22/2002
Amended: 9/13/2005, 2/25/2009

Revision: 2004
Model: H-14272 (Includes "N" option)
Size: 3/4"
Exemption from displaying the logo granted 12/22/2005
Issued: 3/22/2002
Amended: 9/13/2005, 2/25/2009

Revision: 2004
Model: H-14282 (Includes "N" option)
Size: 3/4"
Exemption from displaying the logo granted 3/17/2017
Issued: 3/17/2017

Revision: 2004
Model: H-14283 (Includes "N" option)
Size: 3/4"
Exemption from displaying the logo granted 3/17/2017
Issued: 3/17/2017

Revision: 2004
Model: M98 (Includes "N" option)
Size: 1 inch
Exemption from displaying the logo granted 12/22/2005
Issued: 8/18/1998
Amended: 9/8/2003, 4/1/2004, 8/11/2005, 3/21/2007, 2/25/2009, 5/14/2013

Revision: 2004
Model: M98 (Includes "N" option)
Size: 2 inch
Exemption from displaying the logo granted 12/22/2005
Issued: 7/2/2004
Amended: 8/11/2005, 3/21/2007, 2/25/2009, 5/14/2013

Revision: 2004
Model: M98 (Includes "N" option)
Size: 3/4 inch
Exemption from displaying the logo granted 12/22/2005
Issued: 8/18/1998
Amended: 9/8/2003, 4/1/2004, 8/11/2005, 3/21/2007, 2/25/2009, 5/14/2013

Revision: 2004
Model: M98 (Includes "N" option)
Size: 3/4 x 1 inch
Exemption from displaying the logo granted 12/22/2005
Issued: 8/18/1998
Amended: 9/8/2003, 4/1/2004, 8/11/2005, 3/21/2007, 2/25/2009, 5/14/2013

Revision: 2004
Model: M98 (Includes "N" option)
Size: 5/8 inch
Exemption from displaying the logo granted 12/22/2005
Issued: 8/18/1998
Amended: 9/8/2003, 4/1/2004, 8/11/2005, 3/21/2007, 2/25/2009, 5/14/2013

WaterSaver Faucet

Revision: 2004
Model: L108
Issued: 2/28/2012

Revision: 2004
Model: L108PM-WSA Includes: L108PM, L108PM-WS, L108PM-ADJ, L108PM-ADJ-WS, L108-ADJ-WSA, VR108PM, VR108PM-WS, VR108PM-WSA
Issued: 2/28/2012

Watts Regulator Company

Revision: 2004
Model: (LF) 7B
Size: 3/4"
w/ (U, 2, 3, 4, 5, 6, 7, 8, 10, 15 end connections)
Issued: 4/27/1991
Amended: 2/24/2005, 5/2/2006

Revision: 2004
Model: 07S
Size: 1"
w/ (U, 2, 3, 4, 5, 6, 7, 8, 10, 15 end connections)
Issued: 4/27/1991
Amended: 2/24/2005, 5/2/2006

Revision: 2004
Model: 7 (LF) & (LF) 7
Size: 3/8 in
w/ (U, 2, 3, 4, 5, 6, 7, 8, 10, 11, 13, 15, 16 end connections)
Issued: 6/2/1998

Revision: 2004
Model: 7C & (LF) 7C
Size: 3/8 in
w/ (U, 2, 3, 4, 5, 6, 7, 8, 10, 11, 13, 15, end connections)
Issued: 6/2/1998

Revision: 2004
Model: L7
Size: 1"
w/ (U, 2, 3, 4, 5, 6, 7, 8, 10, 15 end connections)
Issued: 4/27/1991
Amended: 10/1/2003, 2/24/2005, 5/2/2006

Revision: 2004
Model: L7
Size: 3/4"
w/(U, 2, 3, 4, 5, 6, 7, 8, 10, 15 end connections)
Issued: 4/27/1991
Amended: 10/1/2003, 2/24/2005, 5/2/2006

Revision: 2004
Model: LF07S
Size: 1 1/2"
Issued: 4/27/1991
Amended: 10/18/2012

Revision: 2004
Model: LF07S
Size: 1"
Issued: 4/27/1991
Amended: 10/18/2012

Revision: 2004
Model: LF07S
Size: 2"
Issued: 4/27/1991
Amended: 10/18/2012

Revision: 2004
Model: LF7R
Size: 1"
w/ (U, L, 2, 3, 4, 5, 6, 10 end connections)
Issued: 8/6/2011
Amended: 8/11/2017, 8/17/2017

Revision: 2004
Model: LF7R
Size: 1/2"
w/ (U, L, 2, 3, 4, 5, 6, 10
end connections)
Issued: 8/6/2011
Amended: 8/11/2017,
8/17/2017

Revision: 2004
Model: LF7R
Size: 3/4"
w/ (U, L, 2, 3, 4, 5, 6, 10
end connections)
Issued: 8/6/2011
Amended: 8/11/2017,
8/17/2017

**Wilkins / A Division of
Zurn**

Revision: 2004
Model: 700 & 700XL
Size: 1 inch
Exemption from
displaying the logo
granted 03/23/2006
Issued: 3/13/1993
Amended: 6/14/2007,
8/20/2012, 8/10/2017

Revision: 2004
Model: 700 & 700XL
Size: 1/2 inch
Issued: 3/13/1993
Amended: 6/14/2007,
8/20/2012, 8/10/2017

Revision: 2004
Model: 700 & 700XL
Size: 1/4 inch
Issued: 3/13/1993
Amended: 6/14/2007,
8/20/2012, 8/10/2017

Revision: 2004
Model: 700 & 700XL
Size: 3/4 inch
Exemption from
displaying the logo
granted 03/23/2006
Issued: 3/13/1993
Amended: 6/14/2007,
8/20/2012, 8/10/2017

Revision: 2004
Model: 700 & 700XL
Size: 3/8 inch
Issued: 3/13/1993
Amended: 6/14/2007,
8/20/2012, 8/10/2017

Revision: 2004
Model: 700 XL
Size: 1 inch
Issued: 8/10/2017
Amended: 8/10/2017

Revision: 2004
Model: 700 XL
Size: 1/2 inch
Issued: 8/10/2017
Amended: 8/10/2017

Revision: 2004
Model: 700 XL
Size: 3/4 inch
Issued: 8/10/2017
Amended: 8/10/2017

Revision: 2004
Model: 700 XL
Size: 3/8 inch
Issued: 8/10/2017
Amended: 8/10/2017

Revision: 2004
Model: 700FP & 700XLFP
Size: 1 1/2"
Issued: 10/15/2008

Revision: 2004
Model: 700FP & 700XLFP
Size: 1 1/4"
Issued: 10/15/2008

Revision: 2004
Model: 700FP & 700XLFP
Size: 1 inch
Issued: 10/15/2008

Revision: 2004
Model: 705
Size: 1 inch
Exemption from
displaying the logo
granted 03/23/2006
Issued: 3/13/1993
Amended: 6/14/2007

Revision: 2004
Model: 705
Size: 3/4 inch
Exemption from
displaying the logo
granted 03/23/2006
Issued: 3/13/1993
Amended: 6/14/2007

Revision: 2004
Model: 950LF, 950LLF
Size: 1-1/4 inch
Issued: 3/13/1993
Amended: 6/14/2007

Revision: 2004
Model: 950LF, 950LLF
Size: 1-12 inch
Issued: 3/13/1993
Amended: 6/14/2007

Revision: 2004
Model: 950LF, 950LLF
Size: 2 inch
Issued: 3/13/1993
Amended: 6/14/2007

Revision: 2004
Model: 950LF, 950LLF,
950LM
Size: 1 inch
Issued: 3/13/1993
Amended: 6/14/2007,
8/20/2012

Revision: 2004
Model: 950LF, 950LLF,
950LM
Size: 3/4 inch
Issued: 3/13/1993
Amended: 6/14/2007,
8/20/2012

Revision: 2004
Model: 950LXL2LF
Size: 2 inch
Issued: 3/13/1993
Amended: 6/19/2015

Wolverine c/o Conbraco
Revision: 2004
Model: C 7 BP
Size: 1 inch
Issued: 6/2/1997
Amended: 2/7/2006

Revision: 2004
Model: C 7 BP
Size: 1/2 inch
Issued: 6/2/1997
Amended: 2/7/2006

Revision: 2004
Model: C 7 BP
Size: 3/4 inch
Issued: 6/2/1997
Amended: 2/7/2006

**STANDARD #ASSE
1032**

**Dual Check Valve Type
Backflow Preventers for
Carbonated Beverage
Dispensers, Post Mix
Type
ASSE-2011**

Chudnow Mfg. Co., Inc.
Revision: 2011
Model: S470D
Size: 1/4 inch

Issued: 10/6/1982
Amended: 2/19/2009,
8/13/2012

Revision: 2011
Model: S470D
Size: 3/8 inch
Issued: 10/6/1982
Amended: 2/19/2009,
8/13/2012

Cornelius, Inc.
Revision: 2011
Model: 31-1765-001
Size: 1/4 inch
Issued: 1/26/1982
Amended: 4/8/2010,
8/13/2012

Revision: 2011
Model: 76-86
Size: 1/4 inch
(part 65267, 65268,
65270, 82600, 68609)
Wilshire Models
Issued: 1/26/1982
Amended: 4/8/2010,
8/13/2012

Revision: 2011
Model: CI-4005
Size: 1/4 inch
Issued: 12/4/1981
Amended: 4/8/2010,
8/13/2012

Lancer Corporation
Revision: 2011
Model: 17-0341 & 17-
0341-SP
Size: 3/8 inch
has lead content equal
to or less than 0.25% &
exemption from
displaying the logo on
product 2/19/04
Issued: 8/30/1994
Amended: 2/19/2004,
4/28/2009, 10/7/2010,
8/13/2012

**Manitowoc Beverage
Systems**

Revision: 2011
Model: 19-0437
Size: 3/8 inch
Issued: 9/16/1993
Amended: 10/2/2008,
8/13/2012

Revision: 2011
Model: 19-0979
Size: 3/8"
Issued: 8/17/2006
Amended: 10/2/2008,
8/13/2012

**Watts Regulator
Company**
Revision: 2011
Model: SD 2
Size: 3/8 inch
Issued: 11/4/1998
Amended: 4/18/2007,
8/13/2012

Revision: 2011
Model: SD 2, SD2Z1,
SD2Z2
Size: 1/4 inch
SD2Z1- FO inlet & MO
outlet & SD2Z2 -
threaded inlet & MO
outlet
Issued: 11/4/1998
Amended: 1/2/2007,
4/18/2007, 8/13/2012

**STANDARD #ASSE
1035**

**Laboratory Faucet
Backflow Preventers
ASSE-2008**

**Apollo Valves /
Conbraco Industries**

Revision: 2008
Model: LFDUC
Size: 3/8 inch
Issued: 7/15/1997
Amended: 1/20/2011

**Watts Regulator
Company**

Revision: 2008
Model: LFNLF9, LFNLF-
Z9
Size: 3/8 inch
-Z9: Custom Product
-R-CAN: Inlet & Outlet
adapters reversed
Issued: 8/5/1982
Amended: 2/17/2012

Revision: 2008
Model: LFNLF9-HT
Size: 3/4"
Hose Thread Connection
Issued: 8/5/1982

**Wilkins / A Division of
Zurn**

Revision: 2008
Model: 38-730 & 38-
730FM
Size: 3/8 inch
38-730 w/ 3/8" NPSM &
3/8-730FM w/ 3/8"
FNPT
Exemption from
displaying the logo
granted 03/23/2006
Issued: 7/31/2001
Amended: 8/20/2012

Woodford Mfg. Co.
Revision: 2008
Model: 38 DF
Outlet Types DF, DF 2
Issued: 4/28/1994



**STANDARD #ASSE
1037**

**ASSE 1037-2015 / ASME
A112.1037-2015 / CSA
B125.37-15 Pressurized
Flushing Devices for
Plumbing Fixtures
ASSE-2015**

I-Con Systems, Inc.

Revision: 2015
Model: VLV-FVL-3801
Momentum®
Size: 1 inch
May include a left hand
elbow, a right hand
elbow or no elbow. -
Exemption to display the
Seal on product granted
06/24/2004
Issued: 6/28/2004
Amended: 2/26/2015,
4/18/2017

Moen, Inc.

Revision: 2015
Model: 8310, 8310DF16
& 8310RDF16
Size: 1" NPT Inlet & 1
1/2" outlet
(Service kit #8310R16)
Issued: 12/19/2005
Amended: 7/11/2006,
3/8/2010

Revision: 2015
Model: 8310AC16 &
8310ACDF16
Size: 1" NPT Inlet & 1
1/2" outlet
Issued: 12/19/2005
Amended: 7/11/2006,
3/8/2010

Revision: 2015
Model: 8310BPW16
Size: 1" NPT Inlet & 1-
1/2" outlet
Bed Pan Washer (BPW)
1.6
Issued: 12/19/2005

Revision: 2015
Model: 8310M128
Size: 1" NPT Inlet & 1
1/2" outlet
Toilet Manual Flush
Valve 1.28
Issued: 12/19/2005

Revision: 2015
Model: 8310M16
Size: 1" NPT Inlet & 1
1/2" outlet
Toilet Manual Flush
Valve 1.6
Issued: 12/19/2005

Revision: 2015
Model: 8310MR128
Manual Retrofit
Issued: 12/19/2005

Revision: 2015
Model: 8310MR16
Manual Retrofit
Issued: 12/19/2005

Revision: 2015
Model: 8310S35
Issued: 6/8/2018

Revision: 2015
Model: 8310SR128
Issued: 12/19/2005

Revision: 2015
Model: 8310SR35
Issued: 12/19/2005

Revision: 2015
Model: 8311 & 8311-
AC12
Size: 1" threaded
connections
Issued: 4/7/2009

Revision: 2015
Model: 8312
Size: 1" NPT Inlet & 1
1/4" outlet
(Service kit #8312R10)
Issued: 12/19/2005
Amended: 7/11/2006

Revision: 2015
Model: 8312AC10
Size: 1" NPT Inlet & 1
1/4" outlet
Issued: 12/19/2005
Amended: 7/11/2006

Revision: 2015
Model: 8312M0125
Size: 3/4" NPT Inlet &
3/4" outlet
Urinal Manual Flush .125
Issued: 12/19/2005

Revision: 2015
Model: 8312M05
Size: 3/4" NPT Inlet &
3/4" outlet
Urinal Manual Flush
Valve 0.5
Issued: 12/19/2005

Revision: 2015
Model: 8312M10
Size: 3/4" NPT Inlet &
3/4" outlet
Urinal Manual Flush
Valve 1.0GPF 3/4"
Issued: 12/19/2005

Revision: 2015
Model: 8312MR0125
Manual Retrofit
Issued: 12/19/2005

Revision: 2015
Model: 8312MR05
Manual Retrofit
Issued: 12/19/2005

Revision: 2015
Model: 8312MR10
Manual Retrofit
Issued: 12/19/2005

Revision: 2015
Model: 8312SR05
Issued: 6/8/2018

Revision: 2015
Model: 8312SR125
Issued: 6/8/2018

Revision: 2015
Model: 8313M16
Size: 1" NPT Inlet & 1
1/2" outlet
Toilet Manual FV 1.6
Extended Length
Issued: 12/19/2005

Revision: 2015
Model: 8314
Size: 3/4" NPT inlet &
3/4" Outlet
Issued: 12/19/2005
Amended: 7/11/2006

Revision: 2015
Model: 8314M10
Size: 3/4" NPT Inlet & 1-
1/4" outlet
Urinal Manual Flush
Valve 1.0GPF 1-1/4"
Issued: 12/19/2005

Revision: 2015
Model: 8315, 8315-
AC05 & 8316
Size: 3/4" threaded
connections
Issued: 4/7/2009
Amended: 3/8/2010

Revision: 2015
Model: 8316AC
Issued: 6/8/2018

TOTO USA, Inc.

Revision: 2015
Model: TET Series
TET1GA, TET6GA,
TET1LA, TET6LA,
TET2GA, TET3GA,
TET2LA, TET3LA
Issued: 9/12/2016

Revision: 2015
Model: TEU Series
TEU1GA, TEU1LA,
TEU2LA, TEU3LA
Issued: 9/12/2016

Revision: 2015
Model: TEU*U* Series
TEU1UA, TEU2UA,
TEU3UA
Issued: 9/12/2016

Sloan Flushmate

Revision: 1990
Model: M-101526-F
Issued: 11/25/1998

Revision: 1990
Model: M-101526-F3
Issued: 11/25/1998

Revision: 1990
Model: M-101526-F4
Issued: 11/25/1998
Amended: 7/9/2007

Revision: 1990
Model: M-102540-F
Issued: 11/25/1998

Revision: 1990
Model: M-102540-F3
Issued: 11/25/1998

TOTO USA, Inc.

Revision: 1990
Model: TET & TMT Series
Includes: TET1ANCR,
TET1DNCR, TET1DNCS,
TET1GNC, TET6GNC,
TET1LN, TET6LN,
TET2ANS, TET2DNS,
TET2GN, TET2LN,
TET3ANSR, TET3DNS,
TET3GN, TET3LN,
TMT1NNC, TMT1LN w/
suffixes 11 (3/4" vacuum
breaker tube, back
spud), 12 (3/4" vacuum
breaker tube, top spud),
21 (1 1/4" vacuum
breaker tube, back
spud), 22 (1 1/4"
vacuum breaker tube,
top spud), 31 (1 1/2"
vacuum breaker tube,
back spud, wall mounted
bowl), 32 (1 1/2"
vacuum breaker tube,
top spud), 33 (1 1/2"
vacuum breaker tube,
top spud, floor mounted
bowl), SS (stainless steel)
Issued: 2/10/2002
Amended: 5/19/2009,
6/9/2009, 7/2/2009

Revision: 1990
Model: TEU, TMU & TEY
Series

Includes: TEU1ANCR,
TEU1DNCR, TEU1DNCS,
TEU1GNC, TEU1LN,
TEU2ANS, TEU2DNS,
TEU2GN, TEU2LN,
TEU3ANSR, TEU3DNS,
TEU3GN, TEU3LN,
TMU1NNC, TMU1LN,
TEY1DNC w/ suffixes 11
(3/4" vacuum breaker
tube, back spud), 12
(3/4" vacuum breaker
tube, top spud), 21 (1
1/4" vacuum breaker
tube, back spud), 22 (1
1/4" vacuum breaker
tube, top spud), 31 (1
1/2" vacuum breaker
tube, back spud, wall
mounted bowl), 32 (1
1/2" vacuum breaker
tube, top spud), 33 (1
1/2" vacuum breaker
tube, top spud, floor
mounted bowl), 42 (5/8"
outlet, top spud), SS
(stainless steel)
Issued: 2/10/2002
Amended: 5/19/2009,
6/9/2009, 7/2/2009

Revision: 1990
Model: TEU1UN**
Includes: TEU1UN w/
suffixes 12 (3/4" vacuum
breaker tube, top spud),
22 (1 1/4" vacuum
breaker tube, top spud),
CP (Chrome Plated
Finish)
Issued: 7/7/2011

Revision: 1990
Model: TEW & TMW
Series
Includes: TEW1DNCR,
TEW1DNCS, TEW1GNC,
TEW6GNC, TMW1NNC
w/ suffixes 11 (3/4"
vacuum breaker tube,
back spud), 12 (3/4"
vacuum breaker tube,
top spud), 21 (1 1/4"
vacuum breaker tube,
back spud), 22 (1 1/4"
vacuum breaker tube,
top spud), 31 (1 1/2"
vacuum breaker tube,
back spud, wall mounted
bowl), 32 (1 1/2"
vacuum breaker tube,
top spud), 33 (1 1/2"
vacuum breaker tube,
top spud, floor mounted
bowl)
Issued: 2/10/2002
Amended: 5/19/2009,
6/9/2009, 7/2/2009

Zurn Industries, Inc.

Revision: 1990
Model: Z6000 Series (Z-
6000 A-WS - 1 1/2", Z-

6001 A-WS - 1 1/4", Z-6003 A-WS - 3/4")
Issued: 12/2/1992
Amended: 11/26/2002, 2/23/2010

Revision: 1990
Model: Z6000AV Series (Z6000AV, Z6001AV, Z6003AV)
Size: 3/4", 1 1/4", 1 1/2"
Issued: 10/20/2010

Revision: 1990
Model: Z6100AV Series
Size: 3/4", 1 1/4", 1 1/2"
Issued: 10/20/2010

Revision: 1990
Model: Z6600AV Penal Series
Size: 3/4", 1 1/4", 1 1/2"
Issued: 10/20/2010

STANDARD #ASSE 1044

Trap Seal Primer Devices - Drainage Types and Electronic Design Types ASSE-2015

Sioux Chief Mfg. Co. Inc.
Revision: 2015
Model: 695-ER(05, 10, 15, 20, 30), 695-ES(01, 05, 10, 15, 20, 30)
Size: 1/2
Electronic trap primer
Issued: 11/30/2012

JAY R. SMITH MFG., CO.
Revision: 2001
Model: Prime-Eze # 2698
Size: 1-1/2 inch
Issued: 2/9/1987
Amended: 3/30/2009

Revision: 2001
Model: Prime-Eze # 2698
Size: 1-1/4 inch
Issued: 2/9/1987
Amended: 3/30/2009

Precision Plumbing Products
Revision: 2001
Model: FVP-1 & FVP-1VB
Issued: 7/8/2003
Amended: 8/10/2009, 11/12/2009

Revision: 2001
Model: LTP-1500
Size: 1 1/2"
Issued: 8/10/2009
Amended: 8/10/2009

Revision: 2001
Model: MP-500
Size: 1/2"
(12v, 24v, 115v, & 220v)
Issued: 7/8/2003
Amended: 7/11/2005, 7/29/2009, 8/10/2009

Revision: 2001
Model: MPB-500
Size: 1/2"
(12v, 24v, 115v, & 220v)
Issued: 7/8/2003
Amended: 7/11/2005, 7/29/2009, 8/10/2009

Revision: 2001
Model: PT Series
Issued: 7/8/2003
Amended: 8/10/2009

Revision: 2001
Model: PTS Series
Includes the following PART NUMBERS: PTS-4, PTS-6, PTS-8, PTS-10, PTS-12, PTS-1320, PTS-2130.
Issued: 7/8/2003
Amended: 8/10/2009

Revision: 2001
Model: SP-500
Size: 1/2"
(24v, 115v)
Issued: 10/24/2005
Amended: 7/29/2009, 8/10/2009

Revision: 2001
Model: WCP-1
Issued: 7/8/2003
Amended: 8/10/2009

Sioux Chief Mfg. Co. Inc.
Revision: 2001
Model: 200-090 & 200-092
Size: 1 1/2"
Issued: 7/6/2009

Revision: 2001
Model: 206-096
Size: 1 1/2"
Issued: 7/6/2009

Revision: 2001
Model: 213-090 & 213-092
Size: 1 1/4"
Issued: 7/6/2009

STANDARD #ASSE 1047

Reduced Pressure Detector Fire Protection Backflow Prevention Assemblies ASSE-2011

AMES Fire & Waterworks, a Watts Regulator Company
Revision: 2011
Model: 5000SS
Size: 3 inch
w/Kennedy KS-RW, Watts 009M2-QT, Watts Regulator 409 RW OS & Y
Issued: 10/2/1990
Amended: 9/16/2016, 2/7/2018

Revision: 2011
Model: 5000SS (5000SS-RS)
Size: 10 inch
Orientation: Horizontal
w/Watts 009M2-QT 3/4 inch, Watts Regulator 409 RW OS & Y, Watts 405, Kennedy KS-RW
Issued: 10/2/1990
Amended: 5/25/2005

Revision: 2011
Model: 5000SS (5000SS-RS)
Size: 4 inch
Orientation: Horizontal
w/Watts 009M2-QT 3/4 inch, Watts Regulator 409 RW OS & Y, Watts 405, Kennedy KS-RW
Issued: 10/2/1990
Amended: 5/25/2005, 9/16/2016, 2/7/2018

Revision: 2011
Model: 5000SS (5000SS-RS)
Size: 6 inch
Orientation: Horizontal
w/Watts 009M2-QT 3/4 inch, Watts Regulator 409 RW OS & Y, Watts 405, Kennedy KS-RW
Issued: 10/2/1990
Amended: 5/25/2005, 9/16/2016, 2/7/2018

Revision: 2011
Model: 5000SS (5000SS-RS)
Size: 8 inch
Orientation: Horizontal
w/Watts 009M2-QT 3/4 inch, Watts Regulator 409 RW OS & Y, Watts 405, Kennedy KS-RW
Issued: 10/2/1990
Amended: 5/25/2005

Revision: 2011
Model: 500SS
Size: 2 1/2 inch
w/Kennedy KS-RW, Watts 009M2-QT, Watts Regulator 409 RW OS & Y
Issued: 10/2/1990
Amended: 9/16/2016, 2/7/2018

Revision: 2011
Model: Colt 500, Colt 500(LF)
Size: 10 inch
Orientation: Horizontal
w/Clow F6104/05/37/38/36/02; Kennedy 7592/93/61 & 7092/93/68; Union GV12, Watts Regulator 409 RW OS & Y
Issued: 11/12/2001
Amended: 10/1/2002, 10/10/2006, 1/15/2013

Revision: 2011
Model: Colt 500, Colt 500(LF)
Size: 2-1/2 inch
Orientation: Horizontal
w/Clow F6104/05/37/38/36/02; Kennedy 7592/93/61 & 7092/93/68; Union GV12, Watts Regulator 409 RW OS & Y
Issued: 11/12/2001
Amended: 10/1/2002, 10/10/2006, 1/15/2013

Revision: 2011
Model: Colt 500, Colt 500(LF)
Size: 3 inch
Orientation: Horizontal
w/Clow F6104/05/37/38/36/02; Kennedy 7592/93/61 & 7092/93/68; Union GV12, Watts Regulator 409 RW OS & Y
Issued: 11/12/2001
Amended: 10/1/2002, 10/10/2006, 1/15/2013

Revision: 2011
Model: Colt 500, Colt 500(LF)
Size: 4 inch
Orientation: Horizontal
w/Clow F6104/05/37/38/36/02; Kennedy 7592/93/61 & 7092/93/68; Union GV12, Watts Regulator 409 RW OS & Y
Issued: 11/12/2001
Amended: 10/1/2002, 10/10/2006, 1/15/2013

Revision: 2011
Model: Colt 500, Colt 500(LF)
Size: 6 inch
Orientation: Horizontal
w/Clow F6104/05/37/38/36/02; Kennedy 7592/93/61 & 7092/93/68; Union GV12, Watts Regulator 409 RW OS & Y
Issued: 11/12/2001
Amended: 10/1/2002, 10/10/2006, 1/15/2013

Revision: 2011
Model: Colt 500, Colt 500(LF)
Size: 8 inch
Orientation: Horizontal
w/Clow F6104/05/37/38/36/02; Kennedy 7592/93/61 & 7092/93/68; Union GV12, Watts Regulator 409 RW OS & Y
Issued: 11/12/2001
Amended: 10/1/2002, 10/10/2006, 1/15/2013

Revision: 2011
Model: Colt 500N, Colt 500N(LF), Colt 500Z, Colt 500Z(LF)
Size: 10 inch
Orientation: Horizontal
w/Clow F6104/05/37/38/36/02; Kennedy 7592/93/61 & 7092/93/68; Union GV12; Victaulic 702, Hunter BFV, Watts Regulator 409 RW OS & Y
Issued: 11/12/2001
Amended: 10/1/2002, 10/10/2006, 1/15/2013

Revision: 2011
Model: Colt 500N, Colt 500N(LF), Colt 500Z, Colt 500Z(LF)
Size: 2-1/2 inch
Orientation: Horizontal
w/Clow F6104/05/37/38/36/02; Kennedy 7592/93/61 & 7092/93/68; Union GV12; Victaulic 702, Hunter BFV, Watts Regulator 409 RW OS & Y
Issued: 11/12/2001
Amended: 10/1/2002, 10/10/2006, 1/15/2013

Revision: 2011
Model: Colt 500N, Colt 500N(LF), Colt 500Z, Colt 500Z(LF)
Size: 3 inch
Orientation: Horizontal
w/Clow F6104/05/37/38/36/02; Kennedy 7592/93/61 & 7092/93/68; Union GV12; Victaulic 702,
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Hunter BFV, Watts
Regulator 409 RW OS &
Y
Issued: 11/12/2001
Amended: 10/1/2002,
10/10/2006, 1/15/2013

Revision: 2011
Model: Colt 500N, Colt
500N(LF), Colt 500Z,
Colt 500Z(LF)
Size: 4 inch
Orientation: Horizontal
w/Clow
F6104/05/37/38/36/02;
Kennedy 7592/93/61 &
7092/93/68; Union
GV12; Victaulic 702,
Hunter BFV, Watts
Regulator 409 RW OS &
Y
Issued: 11/12/2001
Amended: 10/1/2002,
10/10/2006, 1/15/2013

Revision: 2011
Model: Colt 500N, Colt
500N(LF), Colt 500Z,
Colt 500Z(LF)
Size: 6 inch
Orientation: Horizontal
w/Clow
F6104/05/37/38/36/02;
Kennedy 7592/93/61 &
7092/93/68; Union
GV12; Victaulic 702,
Hunter BFV, Watts
Regulator 409 RW OS &
Y
Issued: 11/12/2001
Amended: 10/1/2002,
10/10/2006, 1/15/2013

Revision: 2011
Model: Colt 500N, Colt
500N(LF), Colt 500Z,
Colt 500Z(LF)
Size: 8 inch
Orientation: Horizontal
w/Clow
F6104/05/37/38/36/02;
Kennedy 7592/93/61 &
7092/93/68; Union
GV12; Victaulic 702,
Hunter BFV, Watts
Regulator 409 RW OS &
Y
Issued: 11/12/2001
Amended: 10/1/2002,
10/10/2006, 1/15/2013

Revision: 2011
Model: Maxim 500,
Maxim 500(LF)
Size: 10 inch
Orientation: Horizontal
w/Clow
F6104/05/37/38/36/02;
Kennedy 7592/93/61 &
7092/93/68; Union
GV12, Watts Regulator
409 RW OS & Y
Issued: 11/12/2001
Amended: 10/1/2002,
10/10/2006, 1/15/2013

Revision: 2011
Model: Maxim 500,
Maxim 500(LF)
Size: 2-1/2 inch
Orientation: Horizontal
w/Clow
F6104/05/37/38/36/02;
Kennedy 7592/93/61 &
7092/93/68; Union
GV12, Watts Regulator
409 RW OS & Y
Issued: 11/12/2001
Amended: 10/1/2002,
10/10/2006, 1/15/2013

Revision: 2011
Model: Maxim 500,
Maxim 500(LF)
Size: 3 inch
Orientation: Horizontal
w/Clow
F6104/05/37/38/36/02;
Kennedy 7592/93/61 &
7092/93/68; Union
GV12, Watts Regulator
409 RW OS & Y
Issued: 11/12/2001
Amended: 10/1/2002,
10/10/2006, 1/15/2013

Revision: 2011
Model: Maxim 500,
Maxim 500(LF)
Size: 4 inch
Orientation: Horizontal
w/Clow
F6104/05/37/38/36/02;
Kennedy 7592/93/61 &
7092/93/68; Union
GV12, Watts Regulator
409 RW OS & Y
Issued: 11/12/2001
Amended: 10/1/2002,
10/10/2006, 1/15/2013

Revision: 2011
Model: Maxim 500,
Maxim 500(LF)
Size: 6 inch
Orientation: Horizontal
w/Clow
F6104/05/37/38/36/02;
Kennedy 7592/93/61 &
7092/93/68; Union
GV12, Watts Regulator
409 RW OS & Y
Issued: 11/12/2001
Amended: 10/1/2002,
10/10/2006, 1/15/2013

Revision: 2011
Model: Maxim 500,
Maxim 500(LF)
Size: 8 inch
Orientation: Horizontal
w/Clow
F6104/05/37/38/36/02;
Kennedy 7592/93/61 &
7092/93/68; Union
GV12, Watts Regulator
409 RW OS & Y
Issued: 11/12/2001
Amended: 10/1/2002,
10/10/2006, 1/15/2013

Revision: 2011
Model: Maxim 500N,
Maxim 500N(LF), Maxim
500Z, Maxim 500Z(LF)
Size: 10 inch
Orientation: Horizontal
w/Clow
F6104/05/37/38/36/02;
Kennedy 7592/93/61 &
7092/93/68; Union
GV12; Victaulic 702,
Hunter BFV, Watts
Regulator 409 RW OS &
Y
Issued: 11/12/2001
Amended: 10/1/2002,
10/10/2006, 1/15/2013

Revision: 2011
Model: Maxim 500N,
Maxim 500N(LF), Maxim
500Z, Maxim 500Z(LF)
Size: 2-1/2 inch
Orientation: Horizontal
w/Clow
F6104/05/37/38/36/02;
Kennedy 7592/93/61 &
7092/93/68; Union
GV12; Victaulic 702,
Hunter BFV, Watts
Regulator 409 RW OS &
Y
Issued: 11/12/2001
Amended: 10/1/2002,
10/10/2006, 1/15/2013

Revision: 2011
Model: Maxim 500N,
Maxim 500N(LF), Maxim
500Z, Maxim 500Z(LF)
Size: 3 inch
Orientation: Horizontal
w/Clow
F6104/05/37/38/36/02;
Kennedy 7592/93/61 &
7092/93/68; Union
GV12; Victaulic 702,
Hunter BFV, Watts
Regulator 409 RW OS &
Y
Issued: 11/12/2001
Amended: 10/1/2002,
10/10/2006, 1/15/2013

Revision: 2011
Model: Maxim 500N,
Maxim 500N(LF), Maxim
500Z, Maxim 500Z(LF)
Size: 4 inch
Orientation: Horizontal
w/Clow
F6104/05/37/38/36/02;
Kennedy 7592/93/61 &
7092/93/68; Union
GV12; Victaulic 702,
Hunter BFV, Watts
Regulator 409 RW OS &
Y
Issued: 11/12/2001
Amended: 10/1/2002,
10/10/2006, 1/15/2013

Revision: 2011
Model: Maxim 500N,
Maxim 500N(LF), Maxim
500Z, Maxim 500Z(LF)
Size: 6 inch
Orientation: Horizontal
w/Clow
F6104/05/37/38/36/02;
Kennedy 7592/93/61 &
7092/93/68; Union
GV12; Victaulic 702,
Hunter BFV, Watts
Regulator 409 RW OS &
Y
Issued: 11/12/2001
Amended: 10/1/2002,
10/10/2006, 1/15/2013

Revision: 2011
Model: Maxim 500N,
Maxim 500N(LF), Maxim
500Z, Maxim 500Z(LF)
Size: 8 inch
Orientation: Horizontal
w/Clow
F6104/05/37/38/36/02;
Kennedy 7592/93/61 &
7092/93/68; Union
GV12; Victaulic 702,
Hunter BFV, Watts
Regulator 409 RW OS &
Y
Issued: 11/12/2001
Amended: 10/1/2002,
10/10/2006, 1/15/2013

**Apollo Valves /
Conbraco Industries**
Revision: 2011
Model: RPDA 4A & RPDA
LF4A
Size: 1-1/2"
Orientation: Horizontal
w/Apollo's 77S-XT (and
77SLF-XT for lead free
models) gear operated
ball valves.
Issued: 7/13/2009
Amended: 7/22/2015

Revision: 2011
Model: RPDA 4A & RPDA
LF4A
Size: 2"
Orientation: Horizontal
w/Apollo's 77S-XT (and
77SLF-XT for lead free
models) gear operated
ball valves.
Issued: 7/13/2009
Amended: 7/22/2015

Revision: 2011
Model: RPDA LF4A
Size: 10"
Orientation: Horizontal
w/ Victaulic Series 702
Firelock Butterfly Valves
& Kennedy Model KS-
RW gate valves or Apollo
Model GV gate valve &
By-Pass: Apollo Series
77B & 77C
Issued: 7/13/2009
Amended: 10/11/2012,
7/22/2015

Revision: 2011
Model: RPDA LF4A
Size: 12"
Orientation: Horizontal
w/ Victaulic Series 702
Firelock Butterfly Valves
& Kennedy Model KS-
RW gate valves & By-
Pass: Apollo Series 77B &
77C
Issued: 7/13/2009
Amended: 1/15/2013

Revision: 2011
Model: RPDA LF4A
Size: 2-1/2"
Orientation: Horizontal
w/ Victaulic Series 702
Firelock Butterfly Valves
& Kennedy Model KS-
RW gate valves or Apollo
Model GV gate valve &
By-Pass: Apollo Series
77B & 77C
Issued: 10/20/2010
Amended: 7/11/2012,
8/15/2012, 7/22/2015

Revision: 2011
Model: RPDA LF4A
Size: 3"
Orientation: Horizontal
w/ Victaulic Series 702
Firelock Butterfly Valves
& Kennedy Model KS-
RW gate valves or Apollo
Model GV gate valve &
By-Pass: Apollo Series
77B & 77C
Issued: 10/20/2010
Amended: 7/11/2012,
8/15/2012, 7/22/2015

Revision: 2011
Model: RPDA LF4A
Size: 4"
Orientation: Horizontal
w/ Victaulic
Series 702 Firelock
Butterfly valves &
Kennedy Model KS-RW
gate valves or Apollo
Model GV gate valve &
By-Pass: Apollo Series
77B & 77C
Issued: 11/2/2009
Amended: 8/12/2010,
7/11/2012, 8/15/2012,
7/22/2015

Revision: 2011
Model: RPDA LF4A
Size: 6"
Orientation: Horizontal
w/ Victaulic
Series 702 Firelock
Butterfly valves &
Kennedy Model KS-RW
gate valves or Apollo
Model GV gate valve &
By-Pass: Apollo Series
77B & 77C
Issued: 11/2/2009
Amended: 8/12/2010,
7/11/2012, 8/15/2012,
7/22/2015

Revision: 2011
Model: RPDA LF4A
Size: 8"
Horizontal w/ Victaulic 702 Firelock Butterfly Valves or Kennedy KS-RW Gate Valves or Apollo Model GV gate valve & Bypass: Apollo Series 77B & 77C
Issued: 7/13/2009
Amended: 8/12/2010, 7/11/2012, 8/15/2012, 7/22/2015

Revision: 2011
Model: RPDA LF4AN
Size: 10"
Orientation: Vertical Up - Vertical Down
w/ Victaulic Series 702 Firelock Butterfly Valves & Kennedy Model KS-RW gate valves or Apollo Model GV gate valve & By-Pass: Apollo Series 77B & 77C
Issued: 7/13/2009
Amended: 10/11/2012, 7/22/2015

Revision: 2011
Model: RPDA LF4AN
Size: 12"
Orientation: Vertical Up - Vertical Down
w/ Victaulic Series 702 Firelock Butterfly Valves & Kennedy Model KS-RW gate valves & By-Pass: Apollo Series 77B & 77C
Issued: 7/13/2009
Amended: 1/15/2013

Revision: 2011
Model: RPDA LF4AN
Size: 2 1/2"
Vertical Up/Down, Vertical Up/Vertical Up
w/ Victaulic Series 702 Firelock Butterfly Valves & Kennedy Model KS-RW gate valves or Apollo Model GV gate valve & By-Pass: Apollo Series 77B & 77C
Issued: 10/20/2010
Amended: 7/11/2012, 8/15/2012, 7/22/2015

Revision: 2011
Model: RPDA LF4AN
Size: 3"
Vertical Up/Down, Vertical Up/Vertical Up
w/ Victaulic Series 702 Firelock Butterfly Valves & Kennedy Model KS-RW gate valves or Apollo Model GV gate valve & By-Pass: Apollo Series 77B & 77C
Issued: 10/20/2010
Amended: 7/11/2012, 8/15/2012, 7/22/2015

Revision: 2011
Model: RPDA LF4AN
Size: 4"
Vertical Up/Vertical Down w/ Victaulic Series 702 Firelock Butterfly valves & Kennedy Model KS-RW gate valves or Apollo Model GV gate valve & Vertical Up w/ Victaulic 702 Butterfly Valves & Apollo 77B-100 & 77C-100 Bypass
Issued: 11/2/2009
Amended: 8/12/2010, 2/28/2011, 7/11/2012, 8/15/2012, 7/22/2015

Revision: 2011
Model: RPDA LF4AN
Size: 6"
Vertical Up/Vertical Down, Vertical Up/Vertical Up w/ Victaulic Series 702 Firelock Butterfly valves & Kennedy Model KS-RW gate valves or Apollo Model GV gate valve & Bypass: Apollo Series 77B & 77C
Issued: 11/2/2009
Amended: 8/12/2010, 7/11/2012, 8/15/2012, 7/22/2015

Revision: 2011
Model: RPDA LF4AN
Size: 8"
Vertical Up/Down w/ Victaulic Model 702 Firelock Butterfly Valves or Kennedy KS-RW Gate Valves or Apollo Model GV gate valve & By-Pass: Apollo 1/2" Model 7B-103-01 & 7B-103-31 & Vertical Up w/ Victaulic 702 Butterfly Valves & Apollo 77B-100 & 77C-100 Bypass
Issued: 7/13/2009
Amended: 8/12/2010, 2/28/2011, 7/11/2012, 8/15/2012, 7/22/2015

Revision: 2011
Model: RPDA2 4A & RPDA2 LF4A
Size: 1 1/2"
Orientation: Horizontal w/ Apollo's 77S-XT (and 77SLF-XT for lead free models) gear operated ball valves.
Issued: 7/13/2009

Revision: 2011
Model: RPDA2 4A & RPDA2 LF4A
Size: 2"
Orientation: Horizontal w/ Apollo's 77S-XT (and 77SLF-XT for lead free models) gear operated ball valves.
Issued: 7/13/2009

Revision: 2011
Model: RPDA2 LF 4A
Size: 10"
Orientation: Horizontal w/ Victaulic Series 702 Firelock Butterfly Valves & Kennedy Model KS-RW gate valves or Apollo Model GV gate valve & By-Pass: Apollo Series 77B & 77C
Issued: 7/13/2009
Amended: 10/11/2012, 7/22/2015, 7/22/2015

Revision: 2011
Model: RPDA2 LF 4A
Size: 12"
Orientation: Horizontal w/ Victaulic Series 702 Firelock Butterfly Valves & Kennedy Model KS-RW gate valves & By-Pass: Apollo Series 77B & 77C
Issued: 7/13/2009
Amended: 1/15/2013, 7/22/2015

Revision: 2011
Model: RPDA2 LF 4A
Size: 2 1/2"
Orientation: Horizontal w/ Victaulic Series 702 Firelock Butterfly Valves & Kennedy Model KS-RW gate valves or Apollo Model GV gate valve & By-Pass: Apollo Series 77B & 77C
Issued: 10/20/2010
Amended: 7/11/2012, 8/15/2012, 7/22/2015

Revision: 2011
Model: RPDA2 LF 4A
Size: 3"
Orientation: Horizontal w/ Victaulic Series 702 Firelock Butterfly Valves & Kennedy Model KS-RW gate valves or Apollo Model GV gate valve & By-Pass: Apollo Series 77B & 77C
Issued: 10/20/2010
Amended: 7/11/2012, 8/15/2012, 7/22/2015

Revision: 2011
Model: RPDA2 LF 4A
Size: 4"
Horizontal w/ Victaulic Series 702 Firelock Butterfly valves & Kennedy Model KS-RW

gate valves or Apollo Model GV gate valve & Bypass: Apollo Series 77B & 77C
Issued: 11/2/2009
Amended: 8/12/2010, 7/11/2012, 8/15/2012, 7/22/2015

Revision: 2011
Model: RPDA2 LF 4A
Size: 6"
Horizontal w/ Victaulic Series 702 Firelock Butterfly valves & Kennedy Model KS-RW gate valves or Apollo Model GV gate valve & Bypass: Apollo Series 77B & 77C
Issued: 11/2/2009
Amended: 8/12/2010, 7/11/2012, 8/15/2012, 7/22/2015

Revision: 2011
Model: RPDA2 LF4A
Size: 8"
Horizontal w/ Victaulic 702 Firelock Butterfly Valves or Kennedy KS-RW Gate Valves & By-Pass: Apollo 1/2" Model 7B-103-01 & 7B-103-31 & Bypass: Apollo Series 77B & 77C
Issued: 7/13/2009
Amended: 8/12/2010, 7/11/2012, 8/15/2012, 7/22/2015

Revision: 2011
Model: RPDA2 LF4AN
Size: 10"
Orientation: Vertical Up - Vertical Down
w/ Victaulic Series 702 Firelock Butterfly Valves & Kennedy Model KS-RW gate valves or Apollo Model GV gate valve & By-Pass: Apollo Series 77B & 77C
Issued: 7/13/2009
Amended: 10/11/2012, 7/22/2015

Revision: 2011
Model: RPDA2 LF4AN
Size: 12"
Orientation: Vertical Up - Vertical Down
w/ Victaulic Series 702 Firelock Butterfly Valves & Kennedy Model KS-RW gate valves & By-Pass: Apollo Series 77B & 77C
Issued: 7/13/2009
Amended: 1/15/2013, 7/22/2015

Revision: 2011
Model: RPDA2 LF4AN
Size: 2 1/2"
Vertical Up/Down, Vertical Up/Vertical Up

w/ Victaulic Series 702 Firelock Butterfly Valves & Kennedy Model KS-RW gate valves or Apollo Model GV gate valve & By-Pass: Apollo Series 77B & 77C
Issued: 10/20/2010
Amended: 7/11/2012, 8/15/2012, 7/22/2015

Revision: 2011
Model: RPDA2 LF4AN
Size: 3"
Vertical Up/Down, Vertical Up/Vertical Up
w/ Victaulic Series 702 Firelock Butterfly Valves & Kennedy Model KS-RW gate valves or Apollo Model GV gate valve & By-Pass: Apollo Series 77B & 77C
Issued: 10/20/2010
Amended: 7/11/2012, 8/15/2012, 7/22/2015

Revision: 2011
Model: RPDA2 LF4AN
Size: 4"
Vertical Up/Vertical Down w/ Victaulic Series 702 Firelock Butterfly valves & Kennedy Model KS-RW gate valves or Apollo Model GV gate valve & Vertical up w/ Victaulic 702 Butterfly Valves & Apollo 77B-100 & 77C-100 Bypass
Issued: 11/2/2009
Amended: 8/12/2010, 2/28/2011, 7/11/2012, 8/15/2012, 7/22/2015

Revision: 2011
Model: RPDA2 LF4AN
Size: 6"
Vertical Up/Vertical Down, Vertical Up/Vertical Up
w/ Victaulic Series 702 Firelock Butterfly valves & Kennedy Model KS-RW gate valves or Apollo Model GV gate valve & Bypass: Apollo Series 77B & 77C
Issued: 11/2/2009
Amended: 8/12/2010, 7/11/2012, 8/15/2012, 7/22/2015

Revision: 2011
Model: RPDA2 LF4AN
Size: 8"
Vertical Up/Down w/ Victaulic 702 Firelock Butterfly Valves or Kennedy KS-RW Gate Valves or Apollo Model GV gate valve & By-Pass: Apollo 1/2" Model 7B-103-01 & 7B-103-31 & Vertical up w/ Victaulic 702 Butterfly Valves &

Bypass: Apollo Series
77B & 77C
Issued: 7/13/2009
Amended: 8/12/2010,
2/28/2011, 7/11/2012,
8/15/2012, 7/22/2015

**FBCO, a Watts
Regulator Company**

Revision: 2011
Model: 826YD
Size: 4 inch
Orientation: Horizontal
w/Kennedy KS II or
Kennedy flange by
groove OS&Y, Watts
405-RW NRS Series,
Watts 409 OSY Series,
Kennedy Series
7092ABF-OSY
Issued: 3/21/1997
Amended: 2/9/2006

Revision: 2011
Model: 826YD
Size: 6 inch
Orientation: Horizontal
w/Kennedy KS II or
Kennedy flange by
groove OS&Y, Watts
405-RW NRS Series,
Watts 409 OSY Series,
Kennedy Series
7092ABF-OSY
Issued: 3/21/1997
Amended: 2/9/2006

Revision: 2011
Model: 826YD
Size: 8 inch
Orientation: Horizontal
w/Kennedy KS II or
Kennedy flange by
groove OS&Y, Watts
405-RW NRS Series,
Watts 409 OSY Series,
Kennedy Series
7092ABF-OSY
Issued: 3/21/1997
Amended: 2/9/2006

Revision: 2011
Model: LF866
Size: 10 inch
Orientation: Horizontal
w/Kennedy KS II or
Kennedy flange by
groove OS&Y, Watts
405-RW NRS Series,
Watts 409 OSY Series,
Kennedy Series
7092ABF-OSY
Issued: 3/21/1997
Amended: 7/20/2017

Revision: 2011
Model: LF866
Size: 2.5 inch
Orientation: Horizontal
w/Kennedy KS II or
Kennedy flange by
groove OS&Y, Watts
405-RW NRS Series,
Watts 409 OSY Series,
Kennedy Series
7092ABF-OSY
Issued: 3/21/1997
Amended: 7/20/2017

Revision: 2011
Model: LF866
Size: 3 inch
Orientation: Horizontal
w/Kennedy KS II or
Kennedy flange by
groove OS&Y, Watts
405-RW NRS Series,
Watts 409 OSY Series,
Kennedy Series
7092ABF-OSY
Issued: 3/21/1997
Amended: 7/20/2017

Revision: 2011
Model: LF866
Size: 4 inch
Orientation: Horizontal
w/Kennedy KS II or
Kennedy flange by
groove OS&Y, Watts
405-RW NRS Series,
Watts 409 OSY Series,
Kennedy Series
7092ABF-OSY
Issued: 3/21/1997
Amended: 7/20/2017

Revision: 2011
Model: LF866
Size: 6 inch
Orientation: Horizontal
w/Kennedy KS II or
Kennedy flange by
groove OS&Y, Watts
405-RW NRS Series,
Watts 409 OSY Series,
Kennedy Series
7092ABF-OSY
Issued: 3/21/1997
Amended: 7/20/2017

Revision: 2011
Model: LF866
Size: 8 inch
Orientation: Horizontal
w/Kennedy KS II or
Kennedy flange by
groove OS&Y, Watts
405-RW NRS Series,
Watts 409 OSY Series,
Kennedy Series
7092ABF-OSY
Issued: 3/21/1997
Amended: 7/20/2017

Revision: 2011
Model: LF866
Size: 10 inch
Orientation: Horizontal
w/Kennedy KS II or
Kennedy flange by
groove OS&Y, Watts
405-RW NRS Series,
Watts 409 OSY Series,
Kennedy Series
7092ABF-OSY
Issued: 3/21/1997
Amended: 7/20/2017

Revision: 2011
Model: LF886V
Size: 10 inch
Orientation: Vertical Up
- Vertical Down
w/Kennedy KS II or
Kennedy flange by
groove OS&Y, Watts
405-RW NRS Series,
Watts 409 OSY Series,
Kennedy Series
7092ABF-OSY
Issued: 3/21/1997
Amended: 7/20/2017

Revision: 2011
Model: LF886V
Size: 2-1/2 inch
Orientation: Vertical Up
- Vertical Down
VUVU and VUVD.
w/Kennedy KS II or
Kennedy flange by
groove OS&Y, Watts
405-RW NRS Series,
Watts 409 OSY Series,
Kennedy Series
7092ABF-OSY
Issued: 3/21/1997
Amended: 7/20/2017

Revision: 2011
Model: LF886V
Size: 3 inch
Orientation: Vertical Up
- Vertical Down
VUVU and VUVD.
w/Kennedy KS II or
Kennedy flange by
groove OS&Y, Watts
405-RW NRS Series,
Watts 409 OSY Series,
Kennedy Series
7092ABF-OSY
Issued: 3/21/1997
Amended: 7/20/2017

Revision: 2011
Model: LF886V
Size: 4 inch
Orientation: Vertical Up
- Vertical Down
VUVU and VUVD.
w/Kennedy KS II or
Kennedy flange by
groove OS&Y, Watts
405-RW NRS Series,
Watts 409 OSY Series,
Kennedy Series
7092ABF-OSY
Issued: 3/21/1997
Amended: 7/20/2017

Revision: 2011
Model: LF886V
Size: 6 inch
Orientation: Vertical
Down - Vertical Up
VUVU and VUVD.
w/Kennedy KS II or
Kennedy flange by
groove OS&Y, Watts
405-RW NRS Series,
Watts 409 OSY Series,
Kennedy Series
7092ABF-OSY
Issued: 3/21/1997
Amended: 7/20/2017

Revision: 2011
Model: LF886V
Size: 8 inch
Orientation: Vertical Up
- Vertical Down
VUVU and VUVD.
w/Kennedy KS II or
Kennedy flange by
groove OS&Y, Watts
405-RW NRS Series,
Watts 409 OSY Series,
Kennedy Series
7092ABF-OSY
Issued: 3/21/1997
Amended: 7/20/2017

**Watts Regulator
Company**

Revision: 2011
Model: 909 RPDA
Size: 6 inch
Orientation: Horizontal
w/ 6 inch Kennedy KS-
FW200W, Watts
Regulator 409 RW OS &
Y
Issued: 11/28/2001
Amended: 10/23/2004

Revision: 2011
Model: 909 RPDA
(LF)909 RPDA (SR)
Size: 3 inch
Orientation: Horizontal
w/Watts Regulator 409
RW OS & Y
Issued: 11/28/2001
Amended: 10/23/2004

Revision: 2011
Model: 909 RPDA
(LF)909 RPDA (SR)
Size: 4 inch
Orientation: Horizontal
w/ Watts Regulator 409
RW OS & Y
Issued: 11/28/2001
Amended: 10/23/2004

Revision: 2011
Model: 909 RPDA
(LF)909 RPDA (SR) -
LISTED TO 1047-2011
Size: 2-1/2 inch
Orientation: Horizontal
w/Watts Regulator 409
RW OS & Y
Issued: 11/28/2001
Amended: 10/23/2004

Revision: 2011
Model: 909RPDAM1 (LF)
909RPDAM1 (SR)
Size: 10 inch
Orientation: Horizontal
w/Watts Regulator 409
RW OS & Y
Issued: 11/28/2001
Amended: 10/23/2004

Revision: 2011
Model: 909RPDAM1 (LF)
909RPDAM1 (SR)
Size: 8 inch
Orientation: Horizontal
w/Watts Regulator 409
RW OS & Y
Issued: 11/28/2001
Amended: 10/23/2004

Revision: 2011
Model: 957 RPDA
"Standard" & (LF) 957
RPDA "Standard"
Size: 10 inch
Orientation: Horizontal
w/Clow Gate Valve,
Series
F6104/05//37/38/36/02,
Kennedy Series
7592/93/61 &
7092/93/68, Union
Series GV12, Watts
Regulator 409 RW OS &
Y
Issued: 7/15/2002
Amended: 10/1/2002,
10/10/2006, 7/13/2012

Revision: 2011
Model: 957 RPDA
"Standard" & (LF) 957
RPDA "Standard"
Size: 2-1/2 inch
Orientation: Horizontal
w/Clow Gate Valve,
Series
F6104/05//37/38/36/02,
Kennedy Series
7592/93/61 &
7092/93/68, Union
Series GV12, Watts
Regulator 409 RW OS &
Y
Issued: 7/15/2002
Amended: 10/1/2002,
10/10/2006, 7/13/2012

Revision: 2011
Model: 957 RPDA
"Standard" & (LF) 957
RPDA "Standard"
Size: 3 inch
Orientation: Horizontal
w/Clow Gate Valve,
Series
F6104/05//37/38/36/02,
Kennedy Series
7592/93/61 &
7092/93/68, Union
Series GV12, Watts
Regulator 409 RW OS &
Y
Issued: 7/15/2002
Amended: 10/1/2002,
10/10/2006, 7/13/2012

Hunter Butterfly Series
BFV,Watts Regulator 409
RW OS & Y
Issued: 7/15/2002
Amended: 10/1/2002,
10/10/2006, 7/13/2012

Revision: 2011
Model: 967N RPDA "N",
(LF) 967N RPDA "N" &
967Z RPDA "Z", (LF)
967Z RPDA "Z"
Size: 6 inch
Orientation: Horizontal
w/Clow Series F
6104/05//37/38/36/02,
Kennedy Series
7592/93/61 &
7092/93/68, Union
Series GV12, Victaulic
Butterfly Series 702,
Hunter Butterfly Series
BFV,Watts Regulator 409
RW OS & Y
Issued: 7/15/2002
Amended: 10/1/2002,
10/10/2006, 7/13/2012

Revision: 2011
Model: 967N RPDA "N",
(LF) 967N RPDA "N" &
967Z RPDA "Z", (LF)
967Z RPDA "Z"
Size: 8 inch
Orientation: Horizontal
w/Clow Series F
6104/05//37/38/36/02,
Kennedy Series
7592/93/61 &
7092/93/68, Union
Series GV12, Victaulic
Butterfly Series 702,
Hunter Butterfly Series
BFV,Watts Regulator 409
RW OS & Y
Issued: 7/15/2002
Amended: 10/1/2002,
10/10/2006, 7/13/2012

Revision: 2011
Model: 994F-RPDA;
(LF)994F(SR)
Size: 10 inch
Orientation: Horizontal
w/Watts 009M2-QT 3/4
inch, Watts Regulator
409 RW OS & Y, Watts
405, Kennedy KW and
RW
Issued: 8/1/1997

Revision: 2011
Model: 994F-RPDA;
(LF)994F(SR)
Size: 4 inch
Orientation: Horizontal
w/Watts 009M2-QT 3/4
inch, Watts Regulator
409 RW OS & Y, Watts
405, Kennedy KW and
RW
Issued: 8/1/1997

Revision: 2011
Model: 994F-RPDA;
(LF)994F(SR)
Size: 6 inch
Orientation: Horizontal
w/Watts 009M2-QT 3/4
inch, Watts Regulator
409 RW OS & Y, Watts
405, Kennedy KW and
RW
Issued: 8/1/1997

Revision: 2011
Model: 994F-RPDA;
(LF)994F(SR)
Size: 8 inch
Orientation: Horizontal
w/Watts 009M2-QT 3/4
inch, Watts Regulator
409 RW OS & Y, Watts
405, Kennedy KW and
RW
Issued: 8/1/1997

**Wilkins / A Division of
Zurn**

Revision: 2011
Model: 375ASTDA
Size: 10"
Orientation: Horizontal
w/ Wilkins model 48
gate valve, Wilkins
model 49 butterfly valve,
Victaulic model 702 and
Clow model 2638/39/40
Issued: 1/16/2012
Amended: 8/15/2012

Revision: 2011
Model: 375ASTDA
Size: 2-1/2"
Orientation: Horizontal
W/shut-off Wilkins
Model 48, Clow Model
2639, Victaulic Model
702 and Bypass line
Ningbo Ball Valves
(Wilkins 855-QT)
Issued: 5/12/2011
Amended: 8/15/2012

Revision: 2011
Model: 375ASTDA
Size: 3"
Orientation: Horizontal
W/shut-off Wilkins
Model 48, Clow Model
2639, Victaulic Model
702 and Bypass line
Ningbo Ball Valves
(Wilkins 855-QT)
Issued: 5/12/2011
Amended: 8/15/2012

Revision: 2011
Model: 375ASTDA
Size: 4"
Orientation: Horizontal
W/shut-off Wilkins
Model 48, Clow Models
2639, 2640, Victaulic
Model 702 and Bypass
line Ningbo Ball Valves
(Wilkins 855-QT)
Issued: 5/12/2011
Amended: 8/15/2012

Revision: 2011
Model: 375ASTDA
Size: 6"
Orientation: Horizontal
W/shut-off Wilkins
Model 48, Clow Models
2639, 2640, Victaulic
Model 702 and Bypass
line Ningbo Ball Valves
(Wilkins 855-QT)
Issued: 5/12/2011
Amended: 8/15/2012

Revision: 2011
Model: 375ASTDA
Size: 8"
Orientation: Horizontal
w/ Wilkins model 48
gate valve, Wilkins
model 49 butterfly valve,
Victaulic model 702 and
Clow model 2638/39/40
Issued: 1/16/2012
Amended: 8/15/2012

Revision: 2011
Model: 375ASTDA
Size: 10"
Orientation: Horizontal
w/ Wilkins model 48
gate valve, Wilkins
model 49 butterfly valve,
Victaulic model 702 and
Clow model 2638/39/40
Issued: 5/12/2011

Revision: 2011
Model: 375ASTDA
Size: 2-1/2"
Orientation: Horizontal
W/shut-off Wilkins
Model 48, Clow Model
2639, Victaulic Model
702 and Bypass line
Ningbo Ball Valves
(Wilkins 855-QT)
Issued: 5/12/2011

Revision: 2011
Model: 375ASTDA
Size: 3"
Orientation: Horizontal
W/shut-off Wilkins
Model 48, Clow Model
2639, Victaulic Model
702 and Bypass line
Ningbo Ball Valves
(Wilkins 855-QT)
Issued: 5/12/2011

Revision: 2011
Model: 375ASTDA
Size: 4"
Orientation: Horizontal
W/shut-off Wilkins
Model 48, Clow Models
2639, 2640, Victaulic
Model 702 and Bypass
line Ningbo Ball Valves
(Wilkins 855-QT)
Issued: 5/12/2011

Revision: 2011
Model: 375ASTDA
Size: 6"
Orientation: Horizontal
W/shut-off Wilkins
Model 48, Clow Models
2639, 2640, Victaulic
Model 702 and Bypass
line Ningbo Ball Valves
(Wilkins 855-QT)
Issued: 5/12/2011

Revision: 2011
Model: 375ASTDA
Size: 8"
Orientation: Horizontal
w/ Wilkins model 48
gate valve, Wilkins
model 49 butterfly valve,
Victaulic model 702 and
Clow model 2638/39/40
Issued: 5/12/2011

Revision: 2011
Model: 475 STDA /
475STDAR
Size: 10"
Orientation: Vertical Up
- Vertical Down
Reduced Pressure
Detector Assembly
Orientation VUVU and
VUVD
Issued: 5/12/2011
Amended: 4/25/2018

Revision: 2011
Model: 475 STDA /
475STDAR
Size: 4"
Orientation: Vertical Up
- Vertical Down
Reduced Pressure
Detector Assembly
Orientation VUVU and
VUVD
Issued: 5/12/2011
Amended: 4/25/2018

Revision: 2011
Model: 475 STDA /
475STDAR
Size: 6"
Orientation: Vertical Up
- Vertical Down
Reduced Pressure
Detector Assembly
Orientation VUVU and
VUVD
Issued: 5/12/2011
Amended: 4/25/2018

Revision: 2011
Model: 475 STDA /
475STDAR
Size: 8"
Orientation: Vertical Up
- Vertical Down
Reduced Pressure
Detector Assembly
Orientation VUVU and
VUVD
Issued: 5/12/2011
Amended: 4/25/2018

Revision: 2011
Model: 475DA &
475DAMS
Size: 4 inch
Orientation: Horizontal
w/ 3/4" Wilkins 975XL
(bypass) & Wilkins
Model 48 Gate Valve,
Clow R/W F6136 Gate
Valve, or Victaulic 702
Butterfly Valve, Wilkins
49 Butterfly Valve
Issued: 1/3/2000
Amended: 6/1/2005,
10/23/2007, 11/4/2008,
1/26/2010, 8/20/2012

Revision: 2011
Model: 475DA &
475DAMS
Size: 6 inch
Orientation: Horizontal
w/ 3/4" Wilkins 975XL
(bypass) & Wilkins
Model 48 Gate Valve,
Clow R/W F6136 Gate
Valve, or Victaulic 702
Butterfly Valve, Wilkins
49 Butterfly Valve
Issued: 1/3/2000
Amended: 6/1/2005,
10/23/2007, 11/4/2008,
1/26/2010, 8/20/2012

Revision: 2011
Model: 475DA &
475DAMS
Size: 8 inch
Orientation: Horizontal
w/ 3/4" Wilkins 975XL
(bypass) & Wilkins
Model 48 Gate Valve,
Clow R/W F6136 Gate
Valve, or Victaulic 702
Butterfly Valve, Wilkins
49 Butterfly Valve
Issued: 1/3/2000
Amended: 6/1/2005,
10/23/2007, 11/4/2008,
1/26/2010, 8/20/2012

Revision: 2011
Model: 475DAV &
475DAVMS
Size: 4 inch
Orientation: Horizontal
Vertical Up/Vertical Up
w/ 3/4" Wilkins 975XL
(bypass) & Wilkins
Model 48 Gate Valve,
Clow R/W F6136 Gate
Valve, or Victaulic 702
Butterfly Valve, Wilkins
49 Butterfly Valve
Issued: 1/3/2000
Amended: 6/1/2005,
10/23/2007, 11/4/2008,
1/26/2010, 8/20/2012

Revision: 2011
Model: 475DAV &
475DAVMS
Size: 6 inch
Vertical Up/Vertical Up
w/ 3/4" Wilkins 975XL
(bypass) & Wilkins
Model 48 Gate Valve,
Page 73

Clow R/W F6136 Gate Valve, or Victaulic 702 Butterfly Valve, Wilkins 49 Butterfly Valve
Issued: 1/3/2000
Amended: 1/26/2010, 8/20/2012, 8/27/2018

Revision: 2011
Model: 475DAV & 475DAVMS
Size: 8 inch
Vertical Up/Vertical Up w/ 3/4" Wilkins 975XL (bypass) & Wilkins Model 48 Gate Valve, Clow R/W F6136 Gate Valve, or Victaulic 702 Butterfly Valve, Wilkins 49 Butterfly Valve
Issued: 1/3/2000
Amended: 6/1/2005, 10/23/2007, 11/4/2008, 1/26/2010, 8/20/2012

Revision: 2005
Model: 375ADA & 375ADAR
Size: 2 1/2"
Orientation: Horizontal w/ Victaulic 702 Butterfly Valve, Wilkins Model 48 Gate Valve, Clow Model R/W F6136, Wilkins 49 Butterfly Valve and By-Pass Fortune Model 620-QT
Issued: 1/11/1999
Amended: 4/7/2009, 1/26/2010, 8/20/2012

Revision: 2005
Model: 375ADA & 375ADAR
Size: 3"
Orientation: Horizontal w/ Victaulic 702 Butterfly Valve, Wilkins Model 48 Gate Valve, Clow Model R/W F6136, Wilkins 49 Butterfly Valve and By-Pass Fortune Model 620-QT
Issued: 1/11/1999
Amended: 4/7/2009, 1/26/2010, 8/20/2012

Revision: 2005
Model: 375ADA & 375ADAR
Size: 4"
Orientation: Horizontal w/ 3/4" Wilkins 975 XL (bypass) & Wilkins Model 48 Gate Valve, Clow R/W F6136 Gate Valve or Victaulic 702 Butterfly Valve, Wilkins 49 Butterfly Valve
Issued: 1/11/1999
Amended: 10/23/2007, 1/26/2010, 8/20/2012

Revision: 2005
Model: 375ADA & 375ADAR
Size: 6"
Orientation: Horizontal w/ 3/4" Wilkins 975 XL (bypass) & Wilkins Model 48 Gate Valve, Clow R/W F6136 Gate Valve or Victaulic 702 Butterfly Valve, Wilkins 49 Butterfly Valve
Issued: 1/11/1999
Amended: 10/23/2007, 1/26/2010, 8/20/2012

Revision: 2005
Model: 375ADA & 375ADAR
Size: 8"
Orientation: Horizontal w/ 3/4" Wilkins 975 XL (bypass) & Wilkins 48 Gate Valve, Clow R/W F6136 Gate Valve or Victaulic 702 Butterfly Valve, Wilkins 49 Butterfly Valve
Issued: 1/11/1999
Amended: 10/23/2007, 1/26/2010, 8/20/2012

Revision: 2005
Model: 375DA & 375DAMS
Size: 2 1/2"
Orientation: Horizontal w/ 3/4" Wilkins 975XL (bypass) & Wilkins Model 48 Gate Valve or Clow R/W F6136 Gate Valve
Issued: 1/11/1999
Amended: 10/23/2007, 8/20/2012

Revision: 2005
Model: 375DA & 375DAMS
Size: 3"
Orientation: Horizontal w/ 3/4" Wilkins 975XL (bypass) & Wilkins Model 48 Gate Valve or Clow R/W F6136 Gate Valve
Issued: 1/11/1999
Amended: 10/23/2007, 8/20/2012

Revision: 2005
Model: 375DA & 375DAMS
Size: 4"
Orientation: Horizontal w/ 3/4" Wilkins 975XL (bypass) & Wilkins Model 48 Gate Valve, or Clow R/W F6136 Gate Valve, Wilkins 49 Butterfly Valve
Issued: 1/11/1999
Amended: 1/26/2010, 8/20/2012

Revision: 2005
Model: 375DA & 375DAMS
Size: 6"
Orientation: Horizontal w/ 3/4" Wilkins 975XL (bypass) & Wilkins Model 48 Gate Valve or Clow R/W F6136 Gate Valve, Wilkins 49 Butterfly Valve
Issued: 1/11/1999
Amended: 10/23/2007, 1/26/2010, 8/20/2012

Revision: 2005
Model: 375DA & 375DAMS
Size: 8"
Orientation: Horizontal w/ 3/4" Wilkins 975XL (bypass) & Wilkins Model 48 Gate Valve or Clow R/W F6136 Gate Valve, Wilkins 49 Butterfly Valve
Issued: 1/11/1999
Amended: 10/23/2007, 1/26/2010, 8/20/2012

Revision: 2005
Model: 375DA & 375DAMS (ASSE1047-2011)
Size: 10"
Orientation: Horizontal w/ 3/4" Wilkins 975XL (bypass) & Wilkins Model 48 Gate Valve or Clow R/W F6136 Gate Valve, Wilkins 49 Butterfly Valve
Issued: 1/11/1999

STANDARD #ASSE 1048
Double Check Detector Fire Protection Backflow Prevention Assemblies ASSE-2011

AMES Fire & Waterworks, a Watts Regulator Company

Revision: 2011
Model: 3000B(LF), 3000B-FP, 3000BM1(LF), 3000BM1-FP
Size: 2"
Orientation: Horizontal - Vertical Up w/ American Flow Control Series 2500-OSY, Watts Model 409 RW OSY, Watts Model FBV-FP, Ames Model A-FBV-FP

Issued: 4/13/2006
Amended: 2/27/2009, 5/9/2011

Revision: 2011
Model: 3000SS (3000SS-RS)
Size: 10 inch
Orientation: Horizontal - Vertical Up w/Watts 007M2-QT, Watts Regulator 409 RW OS & Y, Watts 405, Kennedy KW and RW
Issued: 12/18/2013

Revision: 2011
Model: 3000SS (3000SS-RS)
Size: 12 inch
Orientation: Horizontal - Vertical Up w/Watts 007M2-QT, Watts Regulator 409 RW OS & Y, Watts 405, Kennedy KW and RW
Issued: 12/18/2013

Revision: 2011
Model: 3000SS (3000SS-RS)
Size: 2-1/2 inch
Orientation: Horizontal - Vertical Up w/Watts 007M2-QT, Watts Regulator 409 RW OS & Y, Watts 405, Kennedy KW and RW
Issued: 12/18/2013

Revision: 2011
Model: 3000SS (3000SS-RS)
Size: 3 inch
Orientation: Horizontal - Vertical Up w/Watts 007M2-QT, Watts Regulator 409 RW OS & Y, Watts 405, Kennedy KW and RW
Issued: 12/18/2013

Revision: 2011
Model: 3000SS (3000SS-RS)
Size: 4 inch
Orientation: Horizontal - Vertical Up w/Watts 007M2-QT, Watts Regulator 409 RW OS & Y, Watts 405, Kennedy KW and RW
Issued: 12/18/2013

Revision: 2011
Model: 3000SS (3000SS-RS)
Size: 6 inch
Orientation: Horizontal - Vertical Up w/Watts 007M2-QT, Watts Regulator 409 RW OS & Y, Watts 405, Kennedy KW and RW
Issued: 12/18/2013

Revision: 2011
Model: 3000SS (3000SS-RS)
Size: 8 inch
Orientation: Horizontal - Vertical Up w/Watts 007M2-QT, Watts Regulator 409 RW OS & Y, Watts 405, Kennedy KW and RW
Issued: 12/18/2013

Revision: 2011
Model: Colt 300, Colt 300(LF), Colt 300N, Colt 300N(LF)
Size: 10 inch
Orientation: Horizontal - Vertical Up w/Clow F6104/05/37/38/36/02, Kennedy 7592/93/61 & 7092/93/68, Union GV 12, Victaulic Series 702, Hunter Series BFV, Watts Regulator 409 RW OS & Y
Issued: 12/18/2013
Amended: 10/1/2002, 1/15/2013

Revision: 2011
Model: Colt 300, Colt 300(LF), Colt 300N, Colt 300N(LF)
Size: 2-1/2 inch
Orientation: Horizontal - Vertical Up w/Clow F6104/05/37/38/36/02, Kennedy 7592/93/61 & 7092/93/68, Union GV 12, Victaulic Series 702, Hunter Series BFV, Watts Regulator 409 RW OS & Y
Issued: 12/18/2013
Amended: 10/1/2002, 1/15/2013

Revision: 2011
Model: Colt 300, Colt 300(LF), Colt 300N, Colt 300N(LF)
Size: 3 inch
Orientation: Horizontal - Vertical Up w/Clow F6104/05/37/38/36/02, Kennedy 7592/93/61 & 7092/93/68, Union GV 12, Victaulic Series 702, Hunter Series BFV, Watts Regulator 409 RW OS & Y
Issued: 12/18/2013
Amended: 10/1/2002, 1/15/2013

Revision: 2011
Model: Colt 300, Colt 300(LF), Colt 300N, Colt 300N(LF)
Size: 4 inch
Orientation: Horizontal - Vertical Up w/Clow
F6104/05/37/38/36/02, Kennedy 7592/93/61 & 7092/93/68, Union GV 12, Victaulic Series 702, Hunter Series BFV, Watts Regulator 409 RW OS & Y
Issued: 12/18/2013
Amended: 10/1/2002, 1/15/2013

Revision: 2011
Model: Colt 300, Colt 300(LF), Colt 300N, Colt 300N(LF)
Size: 6 inch
Orientation: Horizontal - Vertical Up w/Clow
F6104/05/37/38/36/02, Kennedy 7592/93/61 & 7092/93/68, Union GV 12, Victaulic Series 702, Hunter Series BFV, Watts Regulator 409 RW OS & Y
Issued: 12/18/2013
Amended: 10/1/2002, 1/15/2013

Revision: 2011
Model: Colt 300, Colt 300(LF), Colt 300N, Colt 300N(LF)
Size: 8 inch
Orientation: Horizontal - Vertical Up w/Clow
F6104/05/37/38/36/02, Kennedy 7592/93/61 & 7092/93/68, Union GV 12, Victaulic Series 702, Hunter Series BFV, Watts Regulator 409 RW OS & Y
Issued: 12/18/2013
Amended: 10/1/2002, 1/15/2013

Revision: 2011
Model: Colt 300a, Colt 300a(LF), Colt 300Na & Colt 300Na(LF)
Size: 2-1/2 inch
Orientation: Horizontal - Vertical Up w/Clow
F6104/05/37/38/36/02; Kennedy 7592/93/61 & 7092/93/68; Union GV 12; Victaulic 702
Issued: 12/18/2013
Amended: 10/1/2002, 1/15/2013

Revision: 2011
Model: Colt 300a, Colt 300a(LF), Colt 300Na & Colt 300Na(LF)
Size: 3 inch
Orientation: Horizontal - Vertical Up w/Clow
F6104/05/37/38/36/02; Kennedy 7592/93/61 & 7092/93/68; Union GV 12; Victaulic 702
Issued: 12/18/2013
Amended: 10/1/2002, 1/15/2013

Revision: 2011
Model: Colt 300a, Colt 300a(LF), Colt 300Na & Colt 300Na(LF)
Size: 4 inch
Orientation: Horizontal - Vertical Up w/Clow
F6104/05/37/38/36/02; Kennedy 7592/93/61 & 7092/93/68; Union GV 12; Victaulic 702
Issued: 12/18/2013
Amended: 10/1/2002, 1/15/2013

Revision: 2011
Model: Colt 300a, Colt 300a(LF), Colt 300Na & Colt 300Na(LF)
Size: 6 inch
Orientation: Horizontal - Vertical Up w/Clow
F6104/05/37/38/36/02; Kennedy 7592/93/61 & 7092/93/68; Union GV 12; Victaulic 702
Issued: 12/18/2013
Amended: 10/1/2002, 1/15/2013

Revision: 2011
Model: Maxim 300, Maxim 300(LF), Maxim 300N, Maxim 300N(LF)
Size: 10 inch
Orientation: Horizontal - Vertical Up
Horizontal w// w/Clow
F6104/05/37/38/36/02; Kennedy 7592/93/61 & 7092/93/68; Union GV12; Victaulic 702; Hunter BFV, Watts Regulator 409 RW OS & Y & Vertical Up w/Clow
F6104/05/37/38/36/02; Kennedy 7592/93/61 & 7092/93/68; Union GV12; Victaulic 702; Hunter BFV
Issued: 12/18/2013
Amended: 10/1/2002, 1/15/2013

Revision: 2011
Model: Maxim 300, Maxim 300(LF), Maxim 300N, Maxim 300N(LF)
Size: 2-1/2 inch
Orientation: Horizontal - Vertical Up w/Clow
F6104/05/37/38/36/02; Kennedy 7592/93/61 & 7092/93/68; Union GV12; Victaulic 702; Hunter BFV, Watts Regulator 409 RW OS & Y
Issued: 12/18/2013
Amended: 10/1/2002, 1/15/2013

Revision: 2011
Model: Maxim 300, Maxim 300(LF), Maxim 300N, Maxim 300N(LF)
Size: 3 inch
Orientation: Horizontal - Vertical Up w/Clow
F6104/05/37/38/36/02; Kennedy 7592/93/61 & 7092/93/68; Union GV12; Victaulic 702; Hunter BFV, Watts Regulator 409 RW OS & Y
Issued: 12/18/2013
Amended: 10/1/2002, 1/15/2013

Revision: 2011
Model: Maxim 300, Maxim 300(LF), Maxim 300N, Maxim 300N(LF)
Size: 4 inch
Orientation: Horizontal - Vertical Up
Horizontal w// w/Clow
F6104/05/37/38/36/02; Kennedy 7592/93/61 & 7092/93/68; Union GV12; Victaulic 702; Hunter BFV
Issued: 12/18/2013
Amended: 10/1/2002, 1/15/2013

Revision: 2011
Model: Maxim 300, Maxim 300(LF), Maxim 300N, Maxim 300N(LF)
Size: 6 inch
Orientation: Horizontal - Vertical Up
Horizontal w/Clow
F6104/05/37/38/36/02; Kennedy 7592/93/61 & 7092/93/68; Union GV12; Victaulic 702; Hunter BFV, Watts Regulator 409 RW OS & Y & Vertical Up w/Clow

F6104/05/37/38/36/02; Kennedy 7592/93/61 & 7092/93/68; Union GV12; Victaulic 702; Hunter BFV
Issued: 12/18/2013
Amended: 10/1/2002, 1/15/2013

Revision: 2011
Model: Maxim 300, Maxim 300(LF), Maxim 300N, Maxim 300N(LF)
Size: 8 inch
Orientation: Horizontal - Vertical Up
Horizontal w/Clow
F6104/05/37/38/36/02; Kennedy 7592/93/61 & 7092/93/68; Union GV12; Victaulic 702; Hunter BFV, Watts Regulator 409 RW OS & Y & Vertical Up w/Clow
F6104/05/37/38/36/02; Kennedy 7592/93/61 & 7092/93/68; Union GV12; Victaulic 702; Hunter BFV
Issued: 12/18/2013
Amended: 10/1/2002, 1/15/2013

Revision: 2011
Model: Maxim 300a, Maxim 300a(LF), Maxim 300Na, Maxim 300Na(LF)
Size: 2-1/2 inch
Orientation: Horizontal - Vertical Up
w/Watts Regulator 409 RW OS & Y
Issued: 12/18/2013
Amended: 10/1/2002, 1/15/2013

Revision: 2011
Model: Maxim 300a, Maxim 300a(LF), Maxim 300Na, Maxim 300Na(LF)
Size: 3 inch
Orientation: Horizontal - Vertical Up
w/Watts Regulator 409 RW OS & Y
Issued: 12/18/2013
Amended: 10/1/2002, 1/15/2013

Revision: 2011
Model: Maxim 300a, Maxim 300a(LF), Maxim 300Na, Maxim 300Na(LF)
Size: 4 inch
Orientation: Horizontal - Vertical Up
w/Watts Regulator 409 RW OS & Y
Issued: 12/18/2013
Amended: 10/1/2002, 1/15/2013

Apollo Valves / Conbraco Industries
Revision: 2011
Model: DCDA 4A & DCDA LF4A
Size: 1 1/2"
Orientation: Horizontal - Vertical Up
w/Apollo's 77S-XT (and 77SLF-XT for lead free models) gear operated ball valves.
Issued: 6/3/2014

Revision: 2011
Model: DCDA 4A & DCDA LF4A
Size: 2"
Orientation: Horizontal - Vertical Up
w/Apollo's 77S-XT (and 77SLF-XT for lead free models) gear operated ball valves.
Issued: 6/3/2014
Amended: 7/22/2015

Revision: 2011
Model: DCDA LF4A
Size: 10"
Orientation: Horizontal - Vertical Up
Horizontal, Vertical Up
wiith Victaulic Series 702 Firelock or Kennedy Model KS-RW main shut-offs or Apollo Model GV gate valve and Apollo 77B & 77C Series bypass shut-offs
Issued: 7/13/2009
Amended: 10/10/2012, 7/22/2015

Revision: 2011
Model: DCDA LF4A
Size: 12"
Orientation: Horizontal w/ Victaulic Series 702 Firelock Butterfly Valves & Kennedy Model KS-RW gate valves & By-Pass: Apollo Series 77B & 77C
Issued: 7/13/2009
Amended: 1/15/2013

Revision: 2011
Model: DCDA LF4A
Size: 2 1/2"
Horizontal, Vertical up
w/ Victaulic Series 702 Firelock Butterfly Valves & Kennedy Model KS-RW gate valves or Apollo Model GV gate valve & By-Pass: Apollo 77B & 77C Series
Issued: 10/20/2010
Amended: 7/11/2012, 8/15/2012, 7/22/2015

Revision: 2011
Model: DCDA LF4A
Size: 3"
Horizontal, Vertical up
w/ Victaulic Series 702

Firelock Butterfly Valves & Kennedy Model KS-RW gate valves or Apollo Model GV gate valve & By-Pass: Apollo 77B & 77C Series
Issued: 10/20/2010
Amended: 7/11/2012, 8/15/2012, 7/22/2015

Revision: 2011
Model: DCDA LF4A
Size: 4"
Horizontal & Vertical Up w/ Victaulic 702 Firelock Butterfly Valves or Kennedy KS-RW Gate Valves or Apollo Model GV gate valve & By-Pass: Apollo 77B & 77C Series
Issued: 7/13/2009
Amended: 8/12/2010, 7/11/2012, 8/15/2012, 7/22/2015

Revision: 2011
Model: DCDA LF4A
Size: 6"
Horizontal & Vertical Up w/ Victaulic 702 Firelock Butterfly Valves or Kennedy KS-RW Gate Valves or Apollo Model GV gate valve & By-Pass: Apollo 77B & 77C Series
Issued: 7/13/2009
Amended: 8/12/2010, 7/11/2012, 8/15/2012, 7/22/2015

Revision: 2011
Model: DCDA LF4A
Size: 8"
Horizontal & Vertical Up w/ Victaulic 702 Firelock Butterfly Valves or Kennedy KS-RW Gate Valves or Apollo Model GV gate valve & By-Pass: Apollo 77B & 77C Series
Issued: 7/13/2009
Amended: 8/12/2010, 7/11/2012, 8/15/2012, 7/22/2015

Revision: 2011
Model: DCDA LF4AN
Size: 10"
Orientation: Vertical Up - Vertical Down
Vertical Up-Down with Victaulic Series 702 Firelock or Kennedy Model KS-RW main shut-offs or Apollo Model GV gate valve and Apollo 77B & 77C Series bypass shut-offs

Issued: 7/13/2009
Amended: 10/10/2012, 7/22/2015

Revision: 2011
Model: DCDA LF4AN
Size: 12"
Orientation: Vertical Up - Vertical Down
w/ Victaulic Series 702 Firelock Butterfly Valves & Kennedy Model KS-RW gate valves & By-Pass: Apollo Series 77B & 77C
Issued: 7/13/2009
Amended: 1/15/2013

Revision: 2011
Model: DCDA LF4AN
Size: 2 1/2"
Orientation: Vertical Up - Vertical Down
Vertical Up/ Down w/ Victaulic Series 702 Firelock Butterfly Valves & Kennedy Model KS-RW gate valves or Apollo Model GV gate valve & By-Pass: Apollo 77B & 77C Series
Issued: 10/20/2010
Amended: 7/11/2012, 8/15/2012, 7/22/2015

Revision: 2011
Model: DCDA LF4AN
Size: 3"
Vertical Up/Down w/ Victaulic Series 702 Firelock Butterfly Valves & Kennedy Model KS-RW gate valves or Apollo Model GV gate valve & By-Pass: Apollo 77B & 77C Series
Issued: 10/20/2010
Amended: 7/11/2012, 8/15/2012, 7/22/2015

Revision: 2011
Model: DCDA LF4AN
Size: 4"
Vertical Up/Down w/ Victaulic 702 Firelock Butterfly Valves or Kennedy KS-RW Gate Valves or Apollo Model GV gate valve & By-Pass: Apollo 77B & 77C Series
7B-103-31
Issued: 7/13/2009
Amended: 8/12/2010, 7/11/2012, 8/15/2012, 7/22/2015

Revision: 2011
Model: DCDA LF4AN
Size: 6"
Vertical Up/Down w/ Victaulic 702 Firelock Butterfly Valves or Kennedy KS-RW Gate Valves or Apollo Model GV gate valve & By-Pass: Apollo 77B & 77C Series
Issued: 7/13/2009
Amended: 8/12/2010, 7/11/2012, 8/15/2012, 7/22/2015

Revision: 2011
Model: DCDA LF4AN
Size: 8"
Vertical Up/Down w/ Victaulic 702 Firelock Butterfly Valves or Kennedy KS-RW Gate Valves or Apollo Model GV gate valve & By-Pass: Apollo 77B & 77C Series
Issued: 7/13/2009
Amended: 8/12/2010, 7/11/2012, 8/15/2012, 7/22/2015

Revision: 2011
Model: DCDA2 4A & DCDA2 LF4A
Size: 1 1/2"
Orientation: Horizontal - Vertical Up
w/Apollo's 77S-XT (and 77SLF-XT for lead free models) gear operated ball valves.
Issued: 6/3/2014

Revision: 2011
Model: DCDA2 4A & DCDA2LF 4A
Size: 2"
Orientation: Horizontal - Vertical Up
w/Apollo's 77S-XT (and 77SLF-XT for lead free models) gear operated ball valves.
Issued: 6/3/2014

Revision: 2011
Model: DCDA2 LF4A
Size: 10"
Orientation: Horizontal - Vertical Up
Horizontal - Vertical Up with Victaulic Series 702 Firelock or Kennedy Model KS-RW or Apollo Model GV gate valve main shut-offs and Apollo 77B & 77C Series bypass shut-offs

Issued: 7/13/2009
Amended: 10/10/2012

Revision: 2011
Model: DCDA2 LF4A
Size: 12"
Orientation: Horizontal w/ Victaulic Series 702 Firelock Butterfly Valves & Kennedy Model KS-RW gate valves & By-Pass: Apollo Series 77B & 77C
Issued: 7/13/2009
Amended: 1/15/2013

Revision: 2011
Model: DCDA2 LF4A
Size: 2 1/2"
Horizontal, Vertical up w/ Victaulic Series 702 Firelock Butterfly Valves & Kennedy Model KS-RW gate valves or Apollo

Model GV gate valve & By-Pass: Apollo 77B & 77C Series
Issued: 10/20/2010
Amended: 7/11/2012, 8/15/2012

Revision: 2011
Model: DCDA2 LF4A
Size: 3"
Horizontal, Vertical up w/ Victaulic Series 702 Firelock Butterfly Valves & Kennedy Model KS-RW gate valves or Apollo Model GV gate valve & By-Pass: Apollo 77B & 77C Series
Issued: 10/20/2010
Amended: 7/11/2012, 8/15/2012

Revision: 2011
Model: DCDA2 LF4A
Size: 4"
Horizontal & Vertical Up w/ Victaulic 702 Firelock Butterfly Valves or Kennedy KS-RW Gate Valves or Apollo Model GV gate valve & By-Pass: Apollo 77B & 77C Series
Issued: 7/13/2009
Amended: 8/12/2010, 7/11/2012, 8/15/2012

Revision: 2011
Model: DCDA2 LF4A
Size: 6"
Horizontal & Vertical Up w/ w/ Victaulic 702 Firelock Butterfly Valves or Kennedy KS-RW Gate Valves or Apollo Model GV gate valve & By-Pass: Apollo 7B-103-01 & 7B-103031
Issued: 7/13/2009
Amended: 8/12/2010, 7/11/2012, 8/15/2012

Revision: 2011
Model: DCDA2 LF4A
Size: 8"
Horizontal & Vertical Up w/ Victaulic 702 Firelock Butterfly Valves or Kennedy KS-RW Gate Valves or Apollo Model GV gate valve & By-Pass: Apollo 77B & 77C Series
Issued: 7/13/2009
Amended: 8/12/2010, 7/11/2012, 8/15/2012

Revision: 2011
Model: DCDA2 LF4AN
Size: 10"
Orientation: Vertical Up - Vertical Down
Vertical Up-Down with Victaulic Series 702 Firelock or Kennedy Model KS-RW main shut-offs or Apollo Model GV gate valve and Apollo

77B & 77C Series bypass shut-offs
Issued: 7/13/2009
Amended: 10/10/2012

Revision: 2011
Model: DCDA2 LF4AN
Size: 12"
Orientation: Vertical Up - Vertical Down
w/ Victaulic Series 702 Firelock Butterfly Valves & Kennedy Model KS-RW gate valves & By-Pass: Apollo Series 77B & 77C
Issued: 7/13/2009
Amended: 1/15/2013

Revision: 2011
Model: DCDA2 LF4AN
Size: 2 1/2"
Vertical up/down w/ Victaulic Series 702 Firelock Butterfly Valves & Kennedy Model KS-RW gate valves or Apollo Model GV gate valve & By-Pass: Apollo 77B & 77C Series
Issued: 10/20/2010
Amended: 7/11/2012, 8/15/2012

Revision: 2011
Model: DCDA2 LF4AN
Size: 3"
Vertical Up/Down w/ Victaulic Series 702 Firelock Butterfly Valves & Kennedy Model KS-RW gate valves or Apollo Model GV gate valve & By-Pass: Apollo 77B & 77C Series
Issued: 10/20/2010
Amended: 7/11/2012, 8/15/2012

Revision: 2011
Model: DCDA2 LF4AN
Size: 4"
Vertical Up/Down w/ Victaulic 702 Firelock Butterfly Valves or Kennedy Model KS-RW Gate Valves or Apollo Model GV gate valve & By-Pass: Apollo 7B-103-01 & 7B-103-31
Issued: 7/13/2009
Amended: 8/12/2010, 7/11/2012, 8/15/2012



Revision: 2011
Model: DCDA2 LF4AN
Size: 6"
Vertical Up/Down w/
Vitauclic 702 Firelock
Butterfly Valves or
Kennedy KS-RW Gate
Valves or Apollo Model
GV gate valve & By-Pass
Apollo 77B & 77C Series
Issued: 7/13/2009
Amended: 8/12/2010,
7/11/2012, 8/15/2012

Revision: 2011
Model: DCDA2 LF4AN
Size: 8"
Vertical Up/Down w/
Vitauclic 702 Firelock
Butterfly Valves or
Kennedy KS-RW Gate
Valves or Apollo Model
GV gate valve & By-Pass:
Apollo 77B & 77C Series
Issued: 7/13/2009
Amended: 8/12/2010,
7/11/2012, 8/15/2012

**BEECO (division of
MIFAB, Inc.)**

Revision: 2011
Model: DCDA
Size: 2 1/2"
Horizontal & Vertical
orientations. With
BEECO ball valve SOV -
2-1/2"
Issued: 5/11/2017

Revision: 2011
Model: DCDA
Size: 3"
Horizontal & Vertical
orientations. With
BEECO ball valve SOV -
3"
Issued: 5/11/2017

Revision: 2011
Model: DCDA
Size: 4"
Horizontal & Vertical
orientations. With
BEECO ball valve SOV -
4"
Issued: 5/11/2017

**FEBCO, a Watts
Regulator Company**

Revision: 2011
Model: 856, 856ST
Size: 10 inch
Orientation: Horizontal
w/Kennedy KS II or
Kennedy flange by
groove OS&Y, Watts
405-RW NRS Series,
Watts 409 OSY Series,
Kennedy Series
7092ABF-OSY
ST model replaces
C83600 internal
component with SS304
Issued: 9/6/2012
Amended: 2/9/2006,
7/14/2017

Revision: 2011
Model: 856, 856ST
Size: 2-1/2 inch
Orientation: Horizontal -
Vertical Up
H, VUVU w/Kennedy KS
II or Kennedy flange by
groove OS&Y, Watts
405-RW NRS Series,
Watts 409 OSY Series,
Kennedy Series
7092ABF-OSY
ST model replaces
C83600 internal
component with SS304
Issued: 9/6/2012
Amended: 2/9/2006,
7/14/2017

Revision: 2011
Model: 856, 856ST
Size: 3 inch
Orientation: Horizontal -
Vertical Up
H, VUVU w/Kennedy KS
II or Kennedy flange by
groove OS&Y, Watts
405-RW NRS Series,
Watts 409 OSY Series,
Kennedy Series
7092ABF-OSY
ST model replaces
C83600 internal
component with SS304
Issued: 9/6/2012
Amended: 2/9/2006,
7/14/2017

Revision: 2011
Model: 856, 856ST
Size: 4 inch
Orientation: Horizontal -
Vertical Up
H, VUVU w/Kennedy KS
II or Kennedy flange by
groove OS&Y, , Watts
405-RW NRS Series,
Watts 409 OSY Series,
Kennedy Series
7092ABF-OSY
ST model replaces
C83600 internal
component with SS304
Issued: 3/24/1992
Amended: 2/9/2006,
7/14/2017

Revision: 2011
Model: 856, 856ST
Size: 6 inch
Orientation: Horizontal -
Vertical Up
H, VUVU w/Kennedy KS
II or Kennedy flange by
groove OS&Y, , Watts
405-RW NRS Series,
Watts 409 OSY Series,
Kennedy Series
7092ABF-OSY
ST model replaces
C83600 internal
component with SS304
Issued: 9/6/2012
Amended: 2/9/2006,
7/14/2017

Revision: 2011
Model: 856, 856ST
Size: 8 inch
Orientation: Vertical Up
- Vertical Down
VUVU, VUVD
w/Kennedy KS II or
Kennedy flange by
groove OS&Y, Watts
405-RW NRS Series,
Watts 409 OSY Series,
Kennedy Series
7092ABF-OSY
ST model replaces
C83600 internal
component with SS304
Issued: 9/6/2012
Amended: 2/9/2006,
7/14/2017

Revision: 2011
Model: 876V
Size: 10 inch
Orientation: Horizontal -
Vertical Up
w/Kennedy KS II or
Kennedy flange by
groove OS&Y, Watts
405-RW NRS Series,
Watts 409 OSY Series,
Kennedy Series
7092ABF-OSY
Issued: 3/24/1992

Revision: 2011
Model: 876V, 876VST
Size: 2-1/2 inch
Orientation: Vertical Up
- Vertical Down
VUVU, VUVD.
w/Kennedy KS II or
Kennedy flange by
groove OS&Y, Watts
405-RW NRS Series,
Watts 409 OSY Series,
Kennedy Series
7092ABF-OSY
Issued: 3/24/1992
Amended: 7/14/2017

Revision: 2011
Model: 876V, 876VST
Size: 3 inch
Orientation: Vertical Up
- Vertical Down
VUVU, VUVD.
w/Kennedy KS II or
Kennedy flange by
groove OS&Y, Watts
405-RW NRS Series,
Watts 409 OSY Series,
Kennedy Series
7092ABF-OSY
Issued: 3/24/1992
Amended: 7/14/2017

Revision: 2011
Model: 876V, 876VST
Size: 4 inch
Orientation: Vertical Up
- Vertical Down
VUVU, VUVD.
w/Kennedy KS II or
Kennedy flange by
groove OS&Y, Watts
405-RW NRS Series,
Watts 409 OSY Series,

Kennedy Series
7092ABF-OSY
Issued: 3/24/1992
Amended: 7/14/2017

Revision: 2011
Model: 876V, 876VST
Size: 6 inch
Orientation: Vertical Up
- Vertical Down
VUVU, VUVD.
w/Kennedy KS II or
Kennedy flange by
groove OS&Y, Watts
405-RW NRS Series,
Watts 409 OSY Series,
Kennedy Series
7092ABF-OSY
Issued: 3/24/1992
Amended: 7/14/2017

Revision: 2011
Model: 876V, 876VST
Size: 8 inch
Orientation: Horizontal -
Vertical Up
VUVU, VUVD.
w/Kennedy KS II or
Kennedy flange by
groove OS&Y, Watts
405-RW NRS Series,
Watts 409 OSY Series,
Kennedy Series
7092ABF-OSY
Issued: 3/24/1992
Amended: 7/14/2017

Revision: 2011
Model: LF856
Size: 10 inch
Orientation: Horizontal -
Vertical Up
H, VUVU w/Kennedy KS
II or Kennedy flange by
groove OS&Y, Watts
405-RW NRS Series,
Watts 409 OSY Series,
Kennedy Series
7092ABF-OSY.
Issued: 3/24/1992
Amended: 7/14/2017

Revision: 2011
Model: LF856
Size: 2-1/2 inch
Orientation: Horizontal -
Vertical Up
H, VUVU. w/Kennedy
KS II or Kennedy flange
by groove OS&Y, Watts
405-RW NRS Series,
Watts 409 OSY Series,
Kennedy Series
7092ABF-OSY.
Issued: 2/3/2017
Amended: 7/14/2017

Revision: 2011
Model: LF856
Size: 3 inch
Orientation: Horizontal -
Vertical Up
H, VUVU. w/Kennedy
KS II or Kennedy flange
by groove OS&Y, Watts
405-RW NRS Series,
Watts 409 OSY Series,

Kennedy Series
7092ABF-OSY.
Issued: 2/3/2017
Amended: 7/14/2017

Revision: 2011
Model: LF856
Size: 4 inch
Orientation: Horizontal -
Vertical Up
H, VUVU. w/Kennedy
KS II or Kennedy flange
by groove OS&Y, Watts
405-RW NRS Series,
Watts 409 OSY Series,
Kennedy Series
7092ABF-OSY.
Issued: 2/3/2017
Amended: 7/14/2017

Revision: 2011
Model: LF856
Size: 6 inch
Orientation: Horizontal -
Vertical Up
H, VUVU. w/Kennedy
KS II or Kennedy flange
by groove OS&Y, Watts
405-RW NRS Series,
Watts 409 OSY Series,
Kennedy Series
7092ABF-OSY.
Issued: 2/3/2017
Amended: 7/14/2017

Revision: 2011
Model: LF856
Size: 8 inch
Orientation: Horizontal -
Vertical Up
H, VUVU. w/Kennedy
KS II or Kennedy flange
by groove OS&Y, Watts
405-RW NRS Series,
Watts 409 OSY Series,
Kennedy Series
7092ABF-OSY.
Issued: 2/3/2017
Amended: 7/14/2017

Revision: 2011
Model: LF876
Size: 10 inch
Orientation: Vertical Up
- Vertical Down
VUVU and VUVD.
w/Kennedy KS II or
Kennedy flange by
groove OS&Y, Watts
405-RW NRS Series,
Watts 409 OSY Series,
Kennedy Series
7092ABF-OSY.
Issued: 3/24/1992

Revision: 2011
Model: LF876V
Size: 2.5 inch
Orientation: Vertical Up
- Vertical Down
VUVU and VUVD.
w/Kennedy KS II or
Kennedy flange by
groove OS&Y, Watts
405-RW NRS Series,
Watts 409 OSY Series,

Kennedy Series
7092ABF-OSY.
Issued: 3/24/1992

Revision: 2011
Model: LF876V
Size: 3 inch
Orientation: Vertical Up
- Vertical Down
VUVU and VUVD.
w/Kennedy KS II or
Kennedy flange by
groove OS&Y , Watts
405-RW NRS Series,
Watts 409 OSY Series,
Kennedy Series
7092ABF-OSY.
Issued: 3/24/1992

Revision: 2011
Model: LF876V
Size: 4 inch
Orientation: Vertical Up
- Vertical Down
VUVU and VUVD.
w/Kennedy KS II or
Kennedy flange by
groove OS&Y , Watts
405-RW NRS Series,
Watts 409 OSY Series,
Kennedy Series
7092ABF-OSY.
Issued: 3/24/1992

Revision: 2011
Model: LF876V
Size: 6 inch
Orientation: Vertical Up
- Vertical Down
VUVU and VUVD.
w/Kennedy KS II or
Kennedy flange by
groove OS&Y , Watts
405-RW NRS Series,
Watts 409 OSY Series,
Kennedy Series
7092ABF-OSY.
Issued: 3/24/1992

Revision: 2011
Model: LF876V
Size: 8 inch
Orientation: Vertical Up
- Vertical Down
VUVU and VUVD.
w/Kennedy KS II or
Kennedy flange by
groove OS&Y , Watts
405-RW NRS Series,
Watts 409 OSY Series,
Kennedy Series
7092ABF-OSY.
Issued: 3/24/1992

**Watts Regulator
Company**
Revision: 2011
Model: (LF) 007DCDA-FP
(PC), (LF) 007M1DCDA-
FP (PC)
Size: 2"
Orientation: Horizontal
w/ Watts FBV-FP(-E)
007M1DCDA is similar to
007DCDA except for
modified bypass
configuration
Issued: 10/27/2009
Amended: 9/6/2012

Revision: 2011
Model: (LF) 007DCDA-FP
(SR), (LF) 007M1DCDA-
FP (SR)
Size: 2"
Orientation: Vertical Up
w/ Watts FBV-FP(-E)
Change bypass
connection method
007M1DCDA is similar to
007DCDA except for
modified bypass
configuration
Issued: 10/27/2009
Amended: 9/6/2012

Revision: 2011
Model: 007DCDA (LF)
Size: 2 1/2 inch
Orientation: Horizontal
w/ Watts 405 RW, Watts
408-OSY, Clow R/W
F6136-OSY, American
Flow Control (Waterous)
Seris 500 NRS & OSY,
Kennedy Ken Seal II NRS
& OSY, Stockham G-610-
OSY, Clow 102-NRS,
Watts Regulator 409 RW
OS & Y
Change bypass
connection method
Issued: 2/26/1998
Amended: 2/21/2006,
9/9/2009, 9/6/2012

Revision: 2011
Model: 007DCDA (LF)
Size: 3 inch
Orientation: Horizontal
w/ Watts 405 RW, Watts
408-OSY, Clow R/W
F6136-OSY, American
Flow Control (Waterous)
Seris 500 NRS & OSY,
Kennedy Ken Seal II NRS
& OSY, Stockham G-610-
OSY, Clow 102-NRS,
Watts Regulator 409 RW
OS & Y
Change bypass
connection method
Issued: 2/26/1998
Amended: 2/21/2006,
9/9/2009, 9/6/2012

Revision: 2011
Model: 007DCDA (LF,
PC), 007M1DCDA (LF,
PC)
Size: 2 inch
Orientation: Horizontal
w/ American Flow (94-R)
OS & Y, Watts Regulator
RW OS&Y
007M1DCDA is similar to
007DCDA except for
modified bypass
configuration
Issued: 2/26/1998
Amended: 2/21/2006,
9/6/2012

Revision: 2011
Model: 007DCDA (LF,
SR), 007M1DCDA
Size: 2 inch
Orientation: Vertical Up
w/Sensus Model II 5/8 x
3/4 inch, Watts
Regulator 409 RW OS &
Y
Change bypass
connection method
007M1DCDA is similar to
007DCDA except for
modified bypass
configuration
Issued: 2/26/1998
Amended: 2/21/2006,
9/6/2012

Revision: 2011
Model: 709DCDA (LF)
709 DCDA (SR)
Size: 10 inch
Orientation: Horizontal -
Vertical Up
w/ Watts 405RW,
Watts40, Clow R/W
F6102-NRS, Clow R/W
F6136-OSY, American
Flow Control (Waterous)
Series 500 NRS & OS&Y,
Kennedy Ken Seal II NRS
& OSY, Stockham G-610-
OSY, Watts Regulator
409 RW OS& Y - Rubber
gaskets used to seal the
flange joints
Issued: 1/6/1998
Amended: 2/21/2006,
11/1/2006

Revision: 2011
Model: 709DCDA (LF)
709 DCDA (SR)
Size: 3 inch
Orientation: Horizontal -
Vertical Up
w/ Watts 405RW,
Watts40, Clow R/W
F6102-NRS, Clow R/W
F6136-OSY, American
Flow Control (Waterous)
Series 500 NRS & OS&Y,
Kennedy Ken Seal II NRS
& OSY, Stockham G-610-
OSY, Watts Regulator
409 RW OS& Y - Rubber
gaskets used to seal the
flange joints
Issued: 1/6/1998
Amended: 2/21/2006,
11/1/2006

Revision: 2011
Model: 709DCDA (LF)
709 DCDA (SR)
Size: 4 inch
Orientation: Horizontal -
Vertical Up
w/ Watts 405RW,
Watts40, Clow R/W
F6102-NRS, Clow R/W
F6136-OSY, American
Flow Control (Waterous)
Series 500 NRS & OS&Y,
Kennedy Ken Seal II NRS
& OSY, Stockham G-610-
OSY, Watts Regulator
409 RW OS& Y - Rubber
gaskets used to seal the
flange joints
Issued: 1/6/1998
Amended: 2/21/2006,
11/1/2006

Revision: 2011
Model: 709DCDA (LF)
709 DCDA (SR)
Size: 6 inch
Orientation: Horizontal -
Vertical Up
w/ Watts 405RW,
Watts40, Clow R/W
F6102-NRS, Clow R/W
F6136-OSY, American
Flow Control (Waterous)
Series 500 NRS & OS&Y,
Kennedy Ken Seal II NRS
& OSY, Stockham G-610-
OSY, Watts Regulator
409 RW OS& Y - Rubber
gaskets used to seal the
flange joints
Issued: 1/6/1998
Amended: 2/21/2006,
11/1/2006

Revision: 2011
Model: 709DCDA (LF)
709 DCDA (SR)
Size: 8 inch
Orientation: Horizontal -
Vertical Up
w/ Watts 405RW,
Watts40, Clow R/W
F6102-NRS, Clow R/W
F6136-OSY, American
Flow Control (Waterous)

Series 500 NRS & OS&Y,
Kennedy Ken Seal II NRS
& OSY, Stockham G-610-
OSY, Watts Regulator
409 RW OS& Y - Rubber
gaskets used to seal the
flange joints
Issued: 1/6/1998
Amended: 2/21/2006,
11/1/2006

Revision: 2011
Model: 757aDCDA (LF)
757aDCDA &
757NaDCDA "N" & (LF)
757NaDCDA "N"
Size: 2-1/2 inch
Orientation: Horizontal
w/Clow
F6104/05/37/38/36/02,
Kennedy 7592/93/61 &
7092/93/68, Union GV
12, Victaulic Series 702,
Hunter Series BFV, Watts
Regulator 409 RW OS &
Y
Issued: 7/15/2002
Amended: 10/1/2002,
7/13/2012

Revision: 2011
Model: 757aDCDA (LF)
757aDCDA &
757NaDCDA "N" & (LF)
757NaDCDA "N"
Size: 3 inch
Orientation: Horizontal
w/ Clow
F6104/05/37/38/36/02,
Kennedy 7592/93/61 &
7092/93/68, Union GV
12, Victaulic Series 702,
Hunter Series BFV, Watts
Regulator 409 RW OS &
Y
Issued: 7/15/2002
Amended: 10/1/2002,
7/13/2012

Revision: 2011
Model: 757aDCDA (LF)
757aDCDA &
757NaDCDA "N" & (LF)
757NaDCDA "N"
Size: 4 inch
Orientation: Horizontal
w/Clow
F6104/05/37/38/36/02,
Kennedy 7592/93/61 &
7092/93/68, Union GV
12, Victaulic Series 702,
Hunter Series BFV, Watts
Regulator 409 RW OS &
Y
Issued: 7/15/2002
Amended: 10/1/2002,
7/13/2012

Revision: 2011
Model: 757aDCDA (LF)
757aDCDA &
757NaDCDA "N" & (LF)
757NaDCDA "N"
Size: 6 inch
Orientation: Horizontal
w/Clow
F6104/05/37/38/36/02,
Kennedy 7592/93/61 &
7092/93/68, Union GV
12, Victaulic Series 702,
Hunter Series BFV, Watts
Regulator 409 RW OS &
Y
Issued: 7/15/2002
Amended: 10/1/2002,
7/13/2012

Revision: 2011
Model: 774DCDA;
(LF)774DCDA(SR)
Size: 6 inch
Orientation: Horizontal -
Vertical Up
w/Waterous R/W OSY,
Watts 007M2-QT, Watts
Regulator 409 RW OS &
Y, Watts 405, Kennedy
KW and RW
Issued: 8/1/1997
Amended: 5/19/2016

Revision: 2011
Model: 774DCDA;
(LF)774DCDA(SR)
Size: 8 inch
Orientation: Horizontal -
Vertical Down
& Vertical Up
w/Waterous R/W OSY,
Watts 007M2-QT, Watts
Regulator 409 RW OS &
Y, Watts 405, Kennedy
KW and RW
Issued: 8/1/1997
Amended: 7/1/2002

Revision: 2011
Model: 774X-DCDA;
(LF)774X-DCDA(SR)
Size: 2-1/2 inch
Orientation: Horizontal -
Vertical Down
& Vertical Up w/ Watts
Regulator 409 RW OS &
Y
Issued: 8/1/1997
Amended: 5/19/2016

Revision: 2011
Model: 774X-DCDA;
(LF)774X-DCDA(SR)
Size: 6 inch
Orientation: Horizontal -
Vertical Down
& Vertical Up w/ Watts
Regulator 409 RW OS &
Y
Issued: 8/1/1997
Amended: 5/19/2016

Revision: 2011
Model: 774X-DCDA;
(LF)774X-DCDA(SR)
Size: 8 inch
Orientation: Horizontal -
Vertical Down
& Vertical Up w/ Watts
Regulator 409 RW OS &
Y
Issued: 8/1/1997
Amended: 5/19/2016

Wilkins / A Division of Zurn

Revision: 2011
Model: 350ASTDA
Size: 10"
Orientation: Horizontal -
Vertical Up
w/ Wilkins 48 gate
valves, Wilkins 49
butterfly valves, Victaulic
702, Clow model
ASSE Seal Authorizations -

2638/39/40 & Bypass of
Wilkins model 850
Issued: 5/5/2011
Amended: 1/16/2012,
8/15/2012

Revision: 2011
Model: 350ASTDA
Size: 2-1/2"
Orientation: Horizontal -
Vertical Up
w/ Wilkins Model 48,
Clow Model 2639,
Victaulic Model 702,
Bypass of Ningbo Ball
Valves (Wilkins 855-QT) -
3/4" and Meter of
Badger 3/4" x 5/8"
Model 25
Issued: 5/5/2011
Amended: 8/15/2012

Revision: 2011
Model: 350ASTDA
Size: 3"
Orientation: Horizontal -
Vertical Up
w/ Wilkins Model 48,
Clow Model 2639,
Victaulic Model 702,
Bypass of Ningbo Ball
Valves (Wilkins 855-QT) -
3/4" and Meter of
Badger 3/4" x 5/8"
Model 25
Issued: 5/5/2011
Amended: 8/15/2012

Revision: 2011
Model: 350ASTDA
Size: 4"
Orientation: Horizontal -
Vertical Up
w/ Wilkins Model 48,
Clow Model 2638,2640,
Victaulic Model 702,
Bypass of Ningbo Ball
Valves (Wilkins 855-QT) -
3/4" and Meter of
Badger 3/4" x 5/8"
Model 25
Issued: 5/5/2011
Amended: 8/15/2012

Revision: 2011
Model: 350ASTDA
Size: 6"
Orientation: Horizontal -
Vertical Up
w/ Wilkins Model 48,
Clow Model 2638, 2640,
Victaulic Model 702,
Bypass of Ningbo Ball
Valves (Wilkins 855-QT) -
3/4" and Meter of
Badger 3/4" x 5/8"
Model 25
Issued: 5/5/2011
Amended: 8/15/2012

Revision: 2011
Model: 350ASTDA
Size: 8"
Orientation: Horizontal -
Vertical Up
w/ Wilkins 48 gate
valves, Wilkins 49
January 23, 2019

butterfly valves, Victaulic
702, Clow model
2638/39/40 & Bypass of
Wilkins model 850
Issued: 5/5/2011
Amended: 1/16/2012,
8/15/2012

Revision: 2011
Model: 350ASTDA
Size: 10"
Orientation: Horizontal -
Vertical Up
w/ Wilkins 48 gate
valves, Wilkins 49
butterfly valves, Victaulic
702, Clow model
2638/39/40 & Bypass of
Wilkins model 850
Issued: 5/5/2011

Revision: 2011
Model: 350ASTDA
Size: 2-1/2"
Orientation: Horizontal -
Vertical Up
w/ Wilkins Model 48,
Clow Model 2639,
Victaulic Model 702,
Bypass of Ningbo Ball
Valves (Wilkins 855-QT) -
3/4" and Meter of
Badger 3/4" x 5/8"
Model 25
Issued: 5/5/2011

Revision: 2011
Model: 350ASTDA
Size: 3"
Orientation: Horizontal -
Vertical Up
w/ Wilkins Model 48,
Clow Model 2639,
Victaulic Model 702,
Bypass of Ningbo Ball
Valves (Wilkins 855-QT) -
3/4" and Meter of
Badger 3/4" x 5/8"
Model 25
Issued: 5/5/2011

Revision: 2011
Model: 350ASTDA
Size: 4"
Orientation: Horizontal -
Vertical Up
w/ Wilkins Model 48,
Clow Model 2638,2640,
Victaulic Model 702,
Bypass of Ningbo Ball
Valves (Wilkins 855-QT) -
3/4" and Meter of
Badger 3/4" x 5/8"
Model 25
Issued: 5/5/2011

Revision: 2011
Model: 350ASTDA
Size: 6"
Orientation: Horizontal -
Vertical Up
w/ Wilkins Model 48,
Clow Model 2638, 2640,
Victaulic Model 702,
Bypass of Ningbo Ball
Valves (Wilkins 855-QT) -
3/4" and Meter of

Badger 3/4" x 5/8"
Model 25
Issued: 5/5/2011

Revision: 2011
Model: 350ASTDA
Size: 8"
Orientation: Horizontal -
Vertical Up
w/ Wilkins 48 gate
valves, Wilkins 49
butterfly valves, Victaulic
702, Clow model
2638/39/40 & Bypass of
Wilkins model 850
Issued: 5/5/2011

Revision: 2011
Model: 450STDA /
450STDAR
Size: 10"
Orientation: Vertical Up
- Vertical Down
Double Check Detector
Assembly
Issued: 5/5/2011
Amended: 4/25/2018

Revision: 2011
Model: 450STDA /
450STDAR
Size: 4"
Orientation: Vertical Up
- Vertical Down
Double Check Detector
Assembly
Issued: 5/5/2011
Amended: 4/25/2018

Revision: 2011
Model: 450STDA /
450STDAR
Size: 6"
Orientation: Vertical Up
- Vertical Down
Double Check Detector
Assembly
Issued: 5/5/2011
Amended: 4/25/2018

Revision: 2011
Model: 450STDA /
450STDAR
Size: 8"
Orientation: Vertical Up
- Vertical Down
Double Check Detector
Assembly
Issued: 5/5/2011
Amended: 4/25/2018

Apollo Valves / Conbraco Industries

Revision: 2005
Model: DCDA4S
Size: 10"
Orientation: Horizontal -
Vertical Up
w/Kennedy KS II Gate
Valves or Apollo Model
GV gate valve
Issued: 1/15/2001
Amended: 4/17/2007,
1/30/2008, 1/20/2011,
7/22/2015

Revision: 2005
Model: DCDA4SG
Size: 2 1/2"
Orientation: Horizontal -
Vertical Up
w/ Victaulic Model 702
& Kennedy KS II Gate
Valves or Apollo Model
GV gate valve
Issued: 1/15/2001
Amended: 4/17/2007,
1/30/2008, 1/20/2011,
7/22/2015

Revision: 2005
Model: DCDA4SG
Size: 3"
Orientation: Horizontal -
Vertical Up
w/ Victaulic Model 702
& Kennedy KS II Gate
Valves or Apollo Model
GV gate valve
Issued: 1/15/2001
Amended: 4/17/2007,
1/30/2008, 1/20/2011,
7/22/2015

Revision: 2005
Model: DCDA4SG
Size: 4"
Orientation: Horizontal -
Vertical Up
w/ Victaulic Model 702
& Kennedy KS II Gate
Valves or Apollo Model
GV gate valve
Issued: 1/15/2001

Revision: 2005
Model: DCDA4SG
Size: 6"
Orientation: Horizontal -
Vertical Up
w/ Victaulic Model 702
& Kennedy KS II Gate
Valves or Apollo Model
GV gate valve
Issued: 1/15/2001
Amended: 4/17/2007,
1/30/2008, 1/20/2011,
7/22/2015

Revision: 2005
Model: DCDA4SG
Size: 8"
Orientation: Horizontal -
Vertical Up
w/ Victaulic Model 702
& Kennedy KS II Gate
Valves or Apollo Model
GV gate valve
Issued: 1/15/2001
Amended: 4/17/2007,
1/30/2008, 1/20/2011,
7/22/2015

Wilkins / A Division of Zurn

Revision: 2005
Model: 350ADA &
350ADAR
Size: 10"
Orientation: Horizontal -
Vertical Up
w/ 3/4" Wilkins 950XL
(bypass) & Wilkins
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Model 48 Gate Valve, Clow R/W F6136 Gate Valve or Victaulic 702 Butterfly Valve, Wilkins 49 Butterfly Valve
Issued: 6/1/2001
Amended: 10/27/2007, 10/14/2008, 1/26/2010, 8/20/2012

Revision: 2005
Model: 350ADA & 350ADAR
Size: 2 1/2"
Orientation: Horizontal - Vertical Up
w/ 3/4" Wilkins 950XL (bypass) & Wilkins Model 48 Gate Valve, Clow R/W F6136 Gate Valve or Victaulic 702 Butterfly Valve, Wilkins 49 Butterfly Valve
Issued: 6/1/2001
Amended: 10/27/2007, 10/14/2008, 1/26/2010, 8/20/2012

Revision: 2005
Model: 350ADA & 350ADAR
Size: 3"
Orientation: Horizontal - Vertical Up
w/ 3/4" Wilkins 950XL (bypass) & Wilkins Model 48 Gate Valve, Clow R/W F6136 Gate Valve or Victaulic 702 Butterfly Valve, Wilkins 49 Butterfly Valve
Issued: 6/1/2001
Amended: 10/27/2007, 10/14/2008, 1/26/2010, 8/20/2012

Revision: 2005
Model: 350ADA & 350ADAR
Size: 4"
Orientation: Horizontal - Vertical Up
w/ 3/4" Wilkins 950XL (bypass) & Wilkins Model 48 Gate Valve, Clow R/W F6136 Gate Valve or Victaulic 702 Butterfly Valve, Wilkins 49 Butterfly Valve
Issued: 6/1/2001
Amended: 10/27/2007, 10/14/2008, 1/26/2010, 8/20/2012

Revision: 2005
Model: 350ADA & 350ADAR
Size: 6"
Orientation: Horizontal - Vertical Up
w/ 3/4" Wilkins 950XL (bypass) & Wilkins Model 48 Gate Valve, Clow R/W F6136 Gate Valve or Victaulic 702 Butterfly Valve, Wilkins 49 Butterfly Valve
Issued: 6/1/2001
Amended: 10/27/2007, 10/14/2008, 1/26/2010, 8/20/2012

Revision: 2005
Model: 350ADA & 350ADAR
Size: 8"
Orientation: Horizontal - Vertical Up
w/ 3/4" Wilkins 950XL (bypass) & Wilkins Model 48 Gate Valve, Clow R/W F6136 Gate Valve, Victaulic 702 Butterfly Valve, Wilkins 49 Butterfly Valve
Issued: 6/1/2001
Amended: 10/27/2007, 10/14/2008, 1/26/2010, 8/20/2012

Revision: 2005
Model: 350DA
Size: 10"
Orientation: Horizontal - Vertical Up
w/ 3/4" Wilkins 950XL (bypass) & Wilkins Model 48 Gate Valve, Clow R/W F6136 Gate Valve or Victaulic 702 Butterfly Valve, Wilkins 49 Butterfly Valve
Issued: 6/1/2001
Amended: 10/27/2007, 10/14/2008, 1/26/2010

Revision: 2005
Model: 350DA
Size: 12"
Orientation: Horizontal w/ Clow F6136; Wilkins Model 48 Gate Valve; ByPass Shut-Off: Fortune 3/4" 620QT; ByPass Line: Badger Meter
Issued: 10/14/2008
Amended: 1/12/2009

Revision: 2005
Model: 350DA
Size: 2 1/2"
Orientation: Horizontal - Vertical Up
w/ 3/4" Wilkins 950XL (bypass) & Wilkins Model 48 Gate Valve, Clow R/W F6136 Gate Valve or Victaulic 702 Butterfly Valve
Issued: 6/1/2001
Amended: 10/27/2007, 10/14/2008

Revision: 2005
Model: 350DA
Size: 3"
Orientation: Horizontal - Vertical Up
w/ 3/4" Wilkins 950XL (bypass) & Wilkins Model 48 Gate Valve, Clow R/W F6136 Gate Valve or Victaulic 702 Butterfly Valve
Issued: 6/1/2001
Amended: 10/27/2007, 10/14/2008

Revision: 2005
Model: 350DA
Size: 4"
Orientation: Horizontal - Vertical Up
w/ 3/4" Wilkins 950XL (bypass), Wilkins Model 48 Gate Valve, Clow R/W F6136 Gate Valve or Victaulic 702 Butterfly Valve, Wilkins 49 Butterfly Valve
Issued: 6/1/2001
Amended: 10/27/2007, 10/14/2008, 1/26/2010

Revision: 2005
Model: 350DA
Size: 6"
Orientation: Horizontal - Vertical Up
w/ 3/4" Wilkins 950XL (bypass), Wilkins Model 48 Gate Valve, Clow R/W F6136 Gate Valve or Victaulic 702 Butterfly Valve, Wilkins 49 Butterfly Valve
Issued: 6/1/2001
Amended: 10/27/2007, 10/14/2008, 1/26/2010

Revision: 2005
Model: 350DA
Size: 8"
Orientation: Horizontal - Vertical Up
w/ 3/4" Wilkins 950XL (bypass) & Wilkins Model 48 Gate Valve, Clow R/W F6136 Gate Valve or Victaulic 702 Butterfly Valve, Wilkins 49 Butterfly Valve
Issued: 6/1/2001
Amended: 10/27/2007, 10/14/2008, 1/26/2010

Revision: 2005
Model: 450DA
Size: 10"
Vertical Up/Vertical Down w/ 3/4" Wilkins 950XL (bypass) & Wilkins Model 48 Gate Valve, Clow R/W F6136 Gate Valve or Victaulic 702 Butterfly Valve, Wilkins 49 Butterfly Valve
Issued: 3/15/2004
Amended: 11/4/2008, 1/26/2010

Revision: 2005
Model: 450DA
Size: 4"
Vertical Up/Vertical Down w/ 3/4" Wilkins 950XL (bypass) & Wilkins Model 48 Gate Valve, Clow R/W F6136 Gate Valve or Victaulic 702 Butterfly Valve, Wilkins 49 Butterfly Valve
Issued: 3/15/2004
Amended: 11/4/2008, 1/26/2010

Revision: 2005
Model: 450DA
Size: 6"
Vertical Up/Vertical Down w/ 3/4" Wilkins 950XL (bypass) & Wilkins Model 48 Gate Valve, Clow R/W F6136 Gate Valve or Victaulic 702 Butterfly Valve, Wilkins 49 Butterfly Valve
Issued: 3/15/2004
Amended: 11/4/2008, 1/26/2010

Revision: 2005
Model: 450DA
Size: 8"
Vertical Up/Vertical Down w/ 3/4" Wilkins 950XL (bypass) & Wilkins Model 48 Gate Valve, Clow R/W F6136 Gate Valve or Victaulic 702 Butterfly Valve, Wilkins 49 Butterfly Valve
Issued: 3/15/2004
Amended: 11/4/2008, 1/26/2010

Revision: 2005
Model: 950XLTD, 950XLTDABF, 950XLTDABFSS
Size: 2 inch
Orientation: Horizontal - Vertical Up
950XLTD w/Wilkins 2" Model 2-48OSYCIT (AFC 2502) Gate Valves & By-Pass Wilkins 3/4" 850UXL & 850TUXL Ball Valves-QT and meter Badger 5/8" by 3/4" model 25LL.
950XLTDABF w/Wilkins 2" Model 49BRXL (Milwaukee UPBBTSCW) Butterfly Valves & By-Pass Wilkins 3/4" Model 850UXL & 850TUXL Ball Valves – QT and meter Badger 5/8" by 3/4" model 25LL.
950XLTDABFSS w/Wilkins 2" Model 49BRXLSS (Milwaukee UPBBTSCS02W) Butterfly Valves & By-Pass Wilkins 3/4" Model 850UXL & 850TUXL Ball Valves – QT and meter Badger 5/8" by 3/4" model 25LL.
Issued: 5/1/1994
Amended: 11/4/2008, 8/20/2012, 6/19/2015

STANDARD #ASSE 1049

Individual and Branch Type Air Admittance Valves for Chemical Waste Systems ASSE-2009

Studor Ltd.
Revision: 2009
Model: Chem Vent
Issued: 6/26/2007

STANDARD #ASSE 1050

Stack Air Admittance Valves for Sanitary Drainage Systems ASSE-2009

AB Durgo
Revision: 2009
Model: BA 50-94
Size: 1-1/2 inch
Issued: 3/21/1997
Amended: 4/24/2008, 11/3/2009, 2/22/2010

Revision: 2009
Model: BA 90-74
Size: 3 inch
Issued: 3/21/1997
Amended: 4/24/2008, 11/3/2009, 2/22/2010

Ayrlett, LLC
Revision: 2009
Model: A4 MAX (500 DFU)
Issued: 10/20/2008
Amended: 2/22/2010

Contractor Sales
Revision: 2009
Model: Quick Vent FA1520
Size: 1 1/2" & 2"
Issued: 6/8/2010

Ferguson PROFLO® c/o Oatey Company
Revision: 2009
Model: PROFLO - 160DFU
Size: 2"
Issued: 12/2/2010

Revision: 2009
Model: PROFLO - 24DFU
Size: 2"
Issued: 12/2/2010

Revision: 2009
Model: PROFLO - 500DFU
Size: 3"
Issued: 12/2/2010

Revision: 2009
Model: PROFLO - 8DFU
Size: 1 1/2"
Issued: 12/2/2010

Frajon Valves, Inc.
Revision: 2009
Model: FA15
Size: 1 1/2"
Issued: 4/21/2008
Amended: 8/27/2009,
2/22/2010

Revision: 2009
Model: FA1520
Size: 1 1/2" & 2"
Issued: 2/16/2009
Amended: 8/27/2009,
2/22/2010

Hajoca (MAINLINE® & BRIGADE™) c/o IPS Corp
Revision: 2009
Model: Maxi-Vent
Size: 3" & 4"
Issued: 9/15/2008
Amended: 2/22/2010,
12/16/2011

Revision: 2009
Model: Mini-Vent
Size: 1 1/2" & 2"
Issued: 9/15/2008
Amended: 2/22/2010,
12/16/2011

Revision: 2009
Model: Redi-Vent
Size: 1 1/2" & 2"
Issued: 5/9/2011
Amended: 12/16/2011

LaSalle Bristol
Revision: 2009
Model: Utopia LB250-11
Issued: 5/25/2016

Revision: 2009
Model: Utopia LB250-12
Issued: 5/25/2016

Oatey Company
Revision: 2009
Model: Sure Vent 3" x 4" (500 DFU*)
Size: 3 inch
*Represents max DFU's for 4" drain pipe when installed in stacks with greater than 3 branch intervals, 3" max 24 DFU's
Issued: 9/29/2004
Amended: 2/22/2010

Revision: 2009
Model: Sure Vent 1.5" X 2"(24 DFU*)
Size: 2 Inch
*Represents max DFU's for 2" when installed in stacks with greater than 3 branch intervals, 1.5" max 8 DFU's
Issued: 9/29/2004
Amended: 7/5/2007,
2/22/2010

Revision: 2009
Model: Sure Vent 2" (160 DFU*)
Size: 2 inch
*Represents max DFU's for 2" when installed in stacks with greater than 3 branch intervals
Issued: 9/29/2004
Amended: 2/22/2010

Revision: 2009
Model: Sure-Vent 1.5 (8 DFU*)
Size: 1 1/2 inch
*Represents max DFU's for 1.5" when installed in stacks with greater than 3 branch intervals
Issued: 9/29/2004
Amended: 7/5/2007,
2/22/2010

Sioux Chief Mfg. Co. Inc.
Revision: 2009
Model: Turbo Vent (Includes: 250-11A (1 1/2" ABS); 250-11P (1 1/2" PVC); 250-12A (2" ABS); 250-12P (2" PVC); 250-11TW (1 1/2"); 250-11TB (1 1/2"), 250-11, 250-12, 250-11A, 250-11AC, 250-11PC, 250-12AC, 250-12PC, 250-122AC, 250-122PC, 250-122AB, 250-122PB, 250-696122A, 250-696122P, 250-696R122A and 250-696R122P, 696-11A,

696-11P, 696-12A, 696-12P
Issued: 3/11/2010
Amended: 1/19/2011,
12/16/2011

Studor Ltd.
Revision: 2009
Model: Maxi-Vent
Size: 3" & 4"
Push-Fit Rubber Connector
Issued: 3/26/1993
Amended: 3/5/2013

Revision: 2009
Model: Mini Vent
Size: 1-1/2" & 2"
Issued: 3/26/1993
Amended: 10/1/1993,
11/24/2003, 3/1/2006,
9/19/2008, 2/22/2010

Revision: 2009
Model: Redi-Vent
Size: 1 1/2" & 2"
AAV Tee Redi-Vent Air Admittance Valve with Tubular Adapter
Issued: 4/21/2011

Revision: 2009
Model: Tec Vent
Size: 1 1/2" & 2"
Issued: 4/5/2011
Amended: 10/28/2011

STANDARD #ASSE 1051
Individual and Branch Type Air Admittance Valves for Sanitary Drainage Systems ASSE-2009

AB Durgo
Revision: 2009
Model: BA 50-94
Size: 1-1/2 inch
Issued: 5/14/1993
Amended: 9/1/1998,
4/24/2006, 11/3/2009,
2/22/2010

Revision: 2009
Model: BA 90-74
Size: 3 inch
Issued: 5/14/1993
Amended: 9/1/1998,
4/24/2006, 11/3/2009,
2/22/2010

Revision: 2009
Model: Durgo Jr.
Size: 1-1/2"
Issued: 6/22/1999
Amended: 11/3/2009,
2/22/2010

Ayrlett, LLC
Revision: 2009
Model: A4 MAX (500 DFU)
Issued: 10/20/2008
Amended: 2/22/2010

Revision: 2009
Model: AB
Size: 1-1/2" & 2 inch
PVC (part no. P50 & PT-300), ABS (part no. A55 & AT-500), Fire retardant FRV5
Issued: 1/6/1999
Amended: 12/8/2005,
4/6/2006, 2/22/2010,
10/7/2010, 12/8/2010

Canplas Industries Ltd.
Revision: 2009
Model: PermOseal - 112011 (ABS) & 212011 (PVC)
Size: 1 1/2" & 2"
Issued: 7/23/2007
Amended: 2/22/2010

Contractor Sales
Revision: 2009
Model: Quick Vent FA1520
Size: 1 1/2" & 2"
Issued: 6/8/2010

Ferguson PROFLO® c/o Oatey Company
Revision: 2009
Model: PROFLO - 160DFU
Size: 2"
Issued: 12/2/2010

Revision: 2009
Model: PROFLO - 24DFU
Size: 2"
Issued: 12/2/2010

Revision: 2009
Model: PROFLO - 500DFU
Size: 3"
Issued: 12/2/2010

Revision: 2009
Model: PROFLO - 8DFU
Size: 1 1/2"
Issued: 12/2/2010

Frajon Valves, Inc.
Revision: 2009
Model: FA15
Size: 1 1/2"
Issued: 4/21/2008
Amended: 8/27/2009,
2/22/2010

Revision: 2009
Model: FA1520
Size: 1 1/2" & 2"
Issued: 2/16/2009
Amended: 8/27/2009,
2/22/2010

Hajoca (MAINLINE® & BRIGADE™) c/o IPS Corp
Revision: 2009
Model: Maxi-Vent
Size: 3" & 4"
Issued: 9/15/2008
Amended: 2/22/2010,
12/16/2011

Revision: 2009
Model: Mini-Vent
Size: 1 1/2" & 2"
Issued: 9/15/2008
Amended: 2/22/2010,
12/16/2011

Revision: 2009
Model: Redi-Vent
Size: 1 1/2" & 2"
Issued: 9/15/2008
Amended: 2/22/2010,
12/16/2011

LaSalle Bristol
Revision: 2009
Model: Utopia LB250-11
Issued: 5/25/2016

Revision: 2009
Model: Utopia LB250-12
Issued: 5/25/2016

Oatey Company
Revision: 2009
Model: Sure Vent 3" (500 DFU)
Size: 3 inch
20 DFU Max
Issued: 6/13/2000
Amended: 8/1/2004,
2/22/2010

Revision: 2009
Model: Sure-Vent 1.5" (8 DFU)
Size: 1-1/2 inch
3 DFU Max
Issued: 6/13/2000
Amended: 8/1/2004,
2/22/2010

Revision: 2009
Model: Sure-Vent 1.5" X 2" (24 DFU)
Size: 2 inch
6 DFU Max
Issued: 6/13/2000
Amended: 8/1/2004,
2/22/2010

Revision: 2009
Model: Sure-Vent 2" (160 DFU)
Size: 2 inch
6 DFU Max
Issued: 6/13/2000
Amended: 8/1/2004,
2/22/2010

RectorSeal, LLC

Revision: 2009
 Model: Magic Vent-Micro Vent 97400 w/o adapter
 Size: 1-1/2 inch
 Issued: 10/13/1998
 Amended: 12/9/2005, 2/22/2010

Revision: 2009
 Model: Magic Vent-Micro Vent 97405 w/ PVC adapters
 Size: 1-1/2 inch
 Issued: 10/13/1998
 Amended: 12/9/2005, 2/22/2010

Revision: 2009
 Model: Magic Vent-Micro Vent 97406 w/ ABS adapters
 Size: 1 1/2 inch
 Issued: 10/13/1998
 Amended: 12/9/2005, 2/22/2010

Sioux Chief Mfg. Co. Inc.

Revision: 2009
 Model: Turbo Vent
 Includes: 250-11A (1 1/2" ABS); 250-11P (1 1/2" PVC); 250-12A (2" ABS); 250-12P (2" PVC); 250-11TW (1 1/2"); 250-11TB (1 1/2") 250-11, 250-12, 250-11A, 250-11AC, 250-11PC, 250-12AC, 250-12PC, 250-122AC, 250-122PC, 250-122AB, 250-122PB, 250-696122A, 250-696122P, 250-696R122A and 250-696R122P, 696-11A, 696-11P, 696-12A, 696-12P
 Issued: 3/11/2010
 Amended: 1/19/2011, 12/16/2011

Studor Ltd.

Revision: 2009
 Model: Maxi-Vent
 Size: 3" & 4"
 Issued: 10/2/1990
 Amended: 3/5/2013

Revision: 2009
 Model: Mini-Vent
 Size: 1-1/2" & 2"
 Issued: 10/2/1990
 Amended: 10/1/1993, 11/24/2003, 9/19/2008, 2/22/2010, 3/5/2013

Revision: 2009
 Model: Redi-Vent
 Size: 1-1/2" & 2"
 Issued: 10/2/1990
 Amended: 3/5/2013

Revision: 2009
 Model: Tec-Vent
 Size: 1-1/2" & 2"
 Issued: 10/2/1990
 Amended: 3/5/2013

Revision: 2009
 Model: Trap-Vent P/N 20395

Size: 1-1/4 and 1-1/2
 Air Admittance Valve
 Issued: 8/31/2018

Valley Forge/Ayrlett

Revision: 2009
 Model: Valley Forge/Ayrlett 6
 Size: 1 1/2", 2"
 PVC, ABS, Fire retardant FRV5
 Issued: 10/18/2010

STANDARD #ASSE 1052**Hose Connection Backflow Preventers ASSE-2016****JAY R. SMITH MFG., CO.**

Revision: 2016
 Model: 5515 / 5615
 Size: 1/2"
 Issued: 9/19/2012

Revision: 2016
 Model: 5519
 Size: 3/4 inch
 Issued: 10/7/2002

Revision: 2016
 Model: 5619
 Size: 3/4 inch
 Issued: 10/7/2002

Woodford Mfg. Co.

Revision: 2016
 Model: 50
 Size: 3/4"
 3/4" Hose Thread
 Male/Female
 Issued: 1/31/2008

Zurn Industries, Inc.

Revision: 2016
 Model: Z1399-BFP
 Size: 3/4 inch
 Exemption from displaying the logo granted 01/19/2006
 Issued: 12/1/2003
 Amended: 10/12/2009

Revision: 2016
 Model: Z1399XL-BFP
 Size: 3/4 inch
 Issued: 1/14/2019
 Amended: 1/17/2019

Apollo Valves / Conbraco Industries

Revision: 2004
 Model: HBDUC
 Size: 3/4 inch
 Issued: 1/3/2000
 Amended: 1/20/2011

PRIER Products, Inc.

Revision: 2004
 Model: P-004, P-004B, P-RH2
 Size: 3/4" and 1" Hose Thread Outlets
 Includes the following models; P-RH2 Post Mount Roof Hydrant
 Issued: 11/1/2005
 Amended: 7/27/2017

Watts Regulator Company

Revision: 2004
 Model: LFN9-CD
 Size: 3/4 inch
 Issued: 10/9/2014

Revision: 2004
 Model: N9-CD
 Size: 3/4 inch
 Issued: 5/7/1996

Woodford Mfg. Co.

Revision: 2004
 Model: 37H
 - Inlet types HA, HF, HD2, HD1, HW, HWS
 Issued: 4/20/1994

STANDARD #ASSE 1053**Dual Check Backflow Preventer Wall Hydrants - Freeze Resistant Type ASSE-2004****Arrowhead Brass & Plumbing LLC**

Revision: 2004
 Model: 410 Series (Includes: 412, 412NL, 413, 413NL, 414, 414NL, 415, 415NL, 416, 416NL, 418, 418NL, 419, 419NL) - 1/2" FIP x 3/4" MIP
 Issued: 4/7/2009
 Amended: 6/9/2009

JAY R. SMITH MFG., CO.

Revision: 2004
 Model: 5515/5615
 Size: 1/2" Inlet x 3/4" outlet
 Issued: 9/19/2012

Woodford Mfg. Co.

Revision: 2004
 Model: 30 w/ inlet options of C, CP, CP3, P, PX
 Issued: 6/24/2009

Revision: 2004
 Model: 68
 Size: 3/4" NPT
 Issued: 6/11/2015

STANDARD #ASSE 1055**Chemical Dispensing Systems ASSE-2009****Brightwell Dispensers Inc**

Revision: 2009
 Model: Ecomix 2 Compact, Air-Gap
 Includes: DPC1L1H-WK/AG ECOMIX 2 PRODUCT COMPACT LOW/HIGH FLOW, AIR-GAP; DPC1L1L-WK/AG ECOMIX 2 PRODUCT COMPACT LOW FLOW, AIR-GAP; DPC1H1H-WK/AG ECOMIX 2 PRODUCT COMPACT HIGH FLOW, AIR-GAP
 Issued: 10/22/2015

Revision: 2009
 Model: Ecomix 2 Compact, Bright-Gap
 Includes: DPC1L1H-WK ECOMIX 2 PRODUCT COMPACT LOW/HIGH FLOW, BRIGHT-GAP; DPC1L1L-WK ECOMIX 2 PRODUCT COMPACT LOW FLOW, BRIGHT-GAP; DPC1H1H-WK ECOMIX 2 PRODUCT COMPACT HIGH FLOW, BRIGHT-GAP
 Issued: 10/22/2015

Revision: 2009
 Model: Ecomix Compact - Air Gap High & Low Flow
 Issued: 4/2/2014
 Amended: 2/3/2015

Revision: 2009
 Model: Ecomix Compact - Bright Gap High & Low Flow
 Issued: 4/2/2014
 Amended: 2/3/2015

Revision: 2009
 Model: Ecomix High & Low Flow
 Issued: 2/3/2015

Revision: 2009
 Model: EcoMulti 5 Compact Air-Gap, High & Low Flow
 Includes: DXC4L1H-WK/AG ECOMULTI 5 PRODUCT

COMPACT LOW/HIGH FLOW, AIR-GAP; DXC4H1L-WK/AG ECOMULTI 5 PRODUCT COMPACT HIGH/LOW FLOW, AIR-GAP; DXC4L1L-WK/AG ECOMULTI 5 PRODUCT COMPACT, LOW FLOW AIR-GAP; DXC4H1H-WK/AG ECOMULTI 5 PRODUCT COMPACT HIGH FLOW, AIR-GAP.
 Issued: 7/1/2016

Revision: 2009
 Model: EcoMulti 5 Compact Bright-Gap, High & Low Flow
 Includes: DXC4L1H-WK ECOMULTI 5 PRODUCT COMPACT LOW/HIGH FLOW, BRIGHT-GAP; DXC4H1L-WK ECOMULTI 5 PRODUCT COMPACT HIGH/LOW FLOW, BRIGHT-GAP; DXC4L1L-WK ECOMULTI 5 PRODUCT COMPACT, LOW FLOW BRIGHT-GAP; DXC4H1H-WK ECOMULTI 5 PRODUCT COMPACT HIGH FLOW, BRIGHT-GAP.
 Issued: 4/2/2014

Revision: 2009
 Model: EcoMulti Compact Bright-Gap, High & Low Flow
 Includes: DXC4H-WK ECOMULTI 4 PRODUCT COMPACT HIGH FLOW BRIGHT-GAP; DXC4L-WK ECOMULTI 4 PRODUCT COMPACT LOW FLOW, BRIGHT-GAP.
 Issued: 7/1/2016

Revision: 2009
 Model: EcoMulti Compact, Air-Gap, High & Low Flow
 Includes: DXC4H-WK/AG ECOMULTI 4 PRODUCT COMPACT HIGH FLOW, AIR-GAP; DXC4L-WK/AG ECOMULTI 4 PRODUCT COMPACT LOW FLOW, AIR-GAP;
 Issued: 7/1/2016

Revision: 2009
Model: EcoSink Double
(2 chemicals)
Includes:
DS1HC1HC-S
(BrightGap);
DS1HC1HC-S/AG
(AirGap)
Issued: 9/13/2016
Amended: 12/21/2016

Revision: 2009
Model: EcoSink Dual (2
chemicals)
Includes:
DS1HC1HH-S
(BrightGap);
DS1HC1HH-S/AG
(AirGap)
Issued: 9/13/2016
Amended: 12/21/2016

Revision: 2009
Model: EcoSink Single (1
chemical)
Includes:
DS1HC-S (BrightGap);
DS1HC-S/AG (AirGap)
Issued: 9/13/2016
Amended: 12/21/2016

Dema Engineering

Revision: 2009
Model: 16-30
Issued: 1/14/2002
Amended: 3/16/2010

Revision: 2009
Model: 163AG
Size: 3/4 inch
Exemption from
displaying the seal
granted 10/20/2005
Issued: 5/7/1999
Amended: 3/16/2010

Revision: 2009
Model: SL1
Issued: 1/14/2002
Amended: 3/7/2013

Diversey

Revision: 2009
Model: Revoflow -
5520558
Issued: 5/16/2014

Revision: 2009
Model: Revoflow
Powder MDL
Size: 3/8"
Issued: 11/26/2008
Amended: 7/27/2009,
3/16/2010, 8/10/2010

Ecolab, Inc.

Revision: 2009
Model: Ecolab Compac
B.A. & Ecolab Compac
P.B.
Issued: 6/16/2004
Amended: 3/16/2010

Revision: 2009
Model: Ecolab Control
Tower IV
Issued: 6/16/2004
Amended: 3/16/2010

Revision: 2009
Model: Ecolab Fill Point
1 & Ecolab Fill Point 4
Issued: 6/16/2004
Amended: 3/16/2010

Revision: 2009
Model: Ecolab Oasis Pro
4
Issued: 6/16/2004
Amended: 3/16/2010

Revision: 2009
Model: Ecolab Quck Fill
Pro I & Ecolab Quck Fill
Pro IV
Issued: 6/16/2004
Amended: 3/16/2010

Revision: 2009
Model: Ecolab Select 4
Issued: 6/16/2004
Amended: 3/16/2010

Revision: 2009
Model: Ecolab Ultra 1
Issued: 6/16/2004
Amended: 3/16/2010

Hydro Systems Co.

Revision: 2009
Model: AccuDose Series
38xx1 & 38xx AG-2
Issued: 11/28/2000
Amended: 3/16/2010

Revision: 2009
Model: AccuMax 35xx1
& 35xxAG
Issued: 9/21/2015

Revision: 2009
Model: AccuPro Series
39xx1 & 39xxAG
Issued: 12/2/2009
Amended: 3/16/2010

Revision: 2009
Model: Command
Center 4
Issued: 12/2/2009
Amended: 3/16/2010

Revision: 2009
Model: JWP J-100
Issued: 11/28/2000
Amended: 3/16/2010

Revision: 2009
Model: Maximizer Series
28xx1 & 28xxAG-2
Issued: 11/28/2000
Amended: 6/15/2009,
3/16/2010

Revision: 2009
Model: Multiflex Series
88XXXX
Issued: 11/28/2000
Amended: 3/16/2010,
10/18/2012

Revision: 2009
Model: QDV Series
(Includes: 8440, 8441,
8442, 8443, 8420, 8422,
8423, 8424, 8425, 8428,
8430, 8432, 8433, 8434,
8435, 8438)
Issued: 11/28/2000
Amended: 3/16/2010

Revision: 2009
Model: Sinkmaster
Series 88x1 & 88xAG
Issued: 11/28/2000

Revision: 2009
Model: SMP
Issued: 11/28/2000
Amended: 3/16/2010

Revision: 2009
Model: Streamline Series
8xx1 & 8xxAG-2
Issued: 11/28/2000
Amended: 3/16/2010

Revision: 2009
Model: TaskMizer Series
48xx1 & 48xx3
Issued: 11/28/2000
Amended: 3/16/2010

Knight, LLC

Revision: 2009
Model: Click & Clean
(CNC) Series
(A = Air Gap; F= Flex
Gap; 100 = 1 product;
200 = 200 product)
Issued: 12/21/2011

Revision: 2009
Model: KP1H Center
Daycon
Issued: 3/29/2011

Revision: 2009
Model: KP1H Complete
Series
(7630161, 7630162,
7630163, 7630164,
7630165, 7630166,
7630167, 7630168,
7630169, 7630170,
7630171, 7630172,
7630182, 7630183,
763015, 7629990,
7630154) - Type B
Issued: 9/25/1998
Amended: 9/20/2005,
2/7/2008, 3/16/2010

Revision: 2009
Model: KP1H Series
(7630061, 7630062,
7630063, 7630064,
7630065, 7630066,
7630067, 7630068,
7630069, 7630070,

7630071, 7630072) -
Type B
Issued: 9/25/1998
Amended: 3/16/2010

Revision: 2009
Model: MX100 Series -
Stainless
(P= Plastic; A = Air Gap; F
= Flex Gap; S = Spout) -
Type B
Issued: 9/25/1998
Amended: 3/16/2010

Revision: 2009
Model: MX400 Series -
Stainless
(A = Air Gap; F = Flex
Gap; 2 = 2 Valve) - Type
B
Issued: 9/25/1998
Amended: 3/16/2010

Revision: 2009
Model: MXH Series
Issued: 9/25/1998

Revision: 2009
Model: Sinkmate (SM)
Series
(A = Air Gap; F = Flex
Gap; 100 = 1 product;
200 = 2 product) - Type B
Issued: 9/25/1998
Amended: 1/7/2007,
3/16/2010

Revision: 2009
Model: The models
above may be followed
by the following suffixes:
XXX X X XX XX
The first three XXX
indicate the number of
products
The fourth X indicates
the cover material
The fifth X indicates
Airgap or Flex Gap
The sixth and seventh XX
indicate the flow rate
option
The eight and ninth XX
indicates the Bottle or
Bucket Fill Option

Number of Product
101 = 1 Product Mixing
Station
102 = 2 Product Mixing
Station
103 = 3 Product Mixing
Station
104 = 4 Product Mixing
Station
401 = Dial 4 Product
Mixing Station
100 = Single Product Sink
Dispenser
200 = Dual Product Sink
Dispenser
501 = 5 Product Mixing
Station
801 = 8 Product Mixing
Station

Cover Material
P = Plastic Cover
S = stainless Steel Cover

Air Gap/Flex Gap
A = Air Gap
F = Flex Gap

Flow rate option
1 = 1GPM
4 = 4GPM
3 = 3GPM
13 = 1GPM & 3GPM
14 = 1GPM & 4GPM

Bottle or Bucket Fill
Option
Blank = Bottle fill
B = Bucket fill
BB = Bottle & Bucket fill

Issued: 9/25/1998

Misco Products

Revision: 2009
Model: PrecisionFlo
Disposable
Issued: 5/30/2018

Pops Technologies LLC

Revision: 2009
 Model: 8007 (Quarter Turn Sink Dispenser) 3/4" NPHS Inlet, 1/4" Chemical Supply Barb Fitting, 1/2" Barb fitting outlet
 Issued: 12/1/2009
 Amended: 3/16/2010, 12/8/2010

Revision: 2009
 Model: Maintenance Free Dispensing System (MFDS)
 Issued: 12/1/2009

Seko SpA

Revision: 2009
 Model: DPB1A (Diluit Plus) -
 Includes: DPB1A04S, DPB1A16S
 Issued: 7/27/2012
 Amended: 12/3/2018

Revision: 2009
 Model: DPB1F (Diluit Plus) -
 Includes: DPB1F04S, DPB1F16S, DPB1F30S
 Issued: 7/27/2012
 Amended: 12/3/2018

Revision: 2009
 Model: DPB4A (Diluit Plus) -
 Includes: DPB4A04S, DPB4A16S
 Issued: 7/27/2012
 Amended: 12/3/2018

Revision: 2009
 Model: DPB4F (Diluit Plus) -
 Includes: DPB4F04S, DPB4F16S, DPB4F30S
 Issued: 7/27/2012
 Amended: 12/3/2018

Revision: 2009
 Model: DPS1A (Diluit Plus) -
 Includes: DPS1A04S
 Issued: 7/27/2012
 Amended: 12/3/2018

Revision: 2009
 Model: DPS2F (Diluit Plus) -
 Includes: DPS1F04S
 Issued: 7/27/2012
 Amended: 12/3/2018

Revision: 2009
 Model: DPS4A (Diluit Plus) -
 Includes: DPS4A04S
 Issued: 7/27/2012
 Amended: 12/3/2018

Revision: 2009
 Model: DPS4F (Diluit Plus) -
 Includes: DPS4F04S
 Issued: 7/27/2012
 Amended: 12/3/2018

Revision: 2009
 Model: PSK1A04UN000, PSK2A04UN000, PSK1A16UN000, PSK2A16UN000
 Issued: 8/5/2015

Revision: 2009
 Model: PSK1F04UN000, PSK1F16UN000; PSK2F04UN000; PSK2F16UN000
 Issued: 8/5/2015

Revision: 2009
 Model: PXB1A (Promax)
 Includes: PXB1A04U, PXB1A16U
 Issued: 7/27/2012

Revision: 2009
 Model: PXB1F (Promax)
 Includes: PXB1F04U, PXB1F6U, PXB1F30U
 Issued: 7/27/2012

Revision: 2009
 Model: PXB4A (Promax)
 Includes: PXB4A04U, PXB4A16U
 Issued: 7/27/2012

Revision: 2009
 Model: PXB4F (Promax)
 Includes: PXB4F04U, PXB4F16U, PXB4F30U
 Issued: 7/27/2012

Revision: 2009
 Model: PXS1A (Promax)
 Includes: PXS1A04U, PSX1A16U
 Issued: 7/27/2012

Revision: 2009
 Model: PXS1F (Promax)
 Includes: PXS1F04U, PXS1F16U, PXS1F30U
 Issued: 7/27/2012

Revision: 2009
 Model: PXS4A (Promax)
 Includes: PXS4A04U, PXS4A16U
 Issued: 7/27/2012

Revision: 2009
 Model: PXS4F (Promax)
 Includes: PXS4F04U, PXS4F16U, PXS4F30U
 Issued: 7/27/2012

Sunburst Chemicals

Revision: 2009
 Model: AST5000
 Size: 1/4" inlet & 5/8" vinyl discharge tube
 Issued: 5/23/2006
 Amended: 6/9/2009, 3/16/2010

Revision: 2009
 Model: P4C4000
 Size: 1/4" inlet & 5/8" vinyl discharge tube
 Issued: 5/23/2006
 Amended: 6/9/2009, 3/16/2010

Revision: 2009
 Model: P4C5000E
 Size: 1/4" inlet & 5/8" vinyl discharge tube
 Uses 12VDC adapter
 Issued: 5/23/2006
 Amended: 10/12/2012

Revision: 2009
 Model: R2U4000
 Size: 3/4 inch
 Issued: 4/10/2004
 Amended: 8/4/2004, 10/5/2005, 2/14/2006, 11/13/2007, 2/24/2009, 3/16/2010

Revision: 2009
 Model: R2U5000
 Size: 3/4 inch
 Issued: 3/17/2005
 Amended: 2/14/2006, 11/13/2007, 2/24/2009, 3/16/2010

Revision: 2009
 Model: R2U6000
 Size: 3/4 inch
 Ready To Use Dispenser
 Issued: 8/27/2015

Revision: 2009
 Model: TTB5000
 Size: 1/4" inlet & 5/8" vinyl discharge tube
 Issued: 5/23/2006
 Amended: 6/9/2009, 3/16/2010

STANDARD #ASSE 1056**Spill Resistant Vacuum Breaker ASSE-2013**

Apollo Valves / Conbraco Industries
 Revision: 2013
 Model: SVB4A, SVBLF4A
 Size: 1"
 A2 - w/ball valves (Standard), A4 - w/union end ball valves, F - SAE threaded test cocks (standard), LL - locking lever handles

Issued: 5/22/2017

Revision: 2013
 Model: SVB4A, SVBLF4A
 Size: 3/4"
 A2 - w/ball valves (Standard), A4 - w/union end ball valves, F - SAE threaded test cocks (standard), LL - locking lever handles

Issued: 5/22/2017

Wilkins / A Division of Zurn

Revision: 2013
 Model: 460 & 460XL
 Size: 1"
 Issued: 3/21/2006
 Amended: 8/20/2012, 12/15/2017

Revision: 2013
 Model: 460 & 460XL
 Size: 1/2"
 w/ FNPT connections
 Issued: 3/21/2006
 Amended: 8/20/2012, 12/15/2017

Revision: 2013
 Model: 460 & 460XL
 Size: 3/4"
 Issued: 3/21/2006
 Amended: 8/20/2012, 12/15/2017

Revision: 2013
 Model: 460 & 460XL
 Size: 3/8"
 w/ FNPT connections
 Issued: 3/21/2006
 Amended: 8/20/2012, 12/15/2017

Apollo Valves / Conbraco Industries

Revision: 2001
 Model: SVB4W
 Size: 1/4"
 Issued: 11/8/1999
 Amended: 7/16/2004, 1/20/2011

Revision: 2001
 Model: SVB4W
 Size: 3/8"
 Issued: 11/8/1999
 Amended: 7/16/2004, 1/20/2011

Revision: 2001
 Model: SVB4W
 Size: 3/8" inlet x 1/2" outlet
 Issued: 11/8/1999
 Amended: 7/16/2004, 1/20/2011

Watts Regulator Company

Revision: 2001
 Model: Series 008 / LF008
 Size: 1 inch
 With Options - PC (Polymer Coated), -QT (Quarter Turn), -SC (Satin Chrome)
 Issued: 3/22/1999
 Amended: 2/21/2006, 11/23/2008, 2/19/2013

Revision: 2001
 Model: Series 008 / LF008
 Size: 1/2 inch
 With Options - PC (Polymer Coated), -QT (Quarter Turn), -SC (Satin Chrome)
 Issued: 3/22/1999
 Amended: 2/21/2006, 11/23/2008, 2/19/2013

Revision: 2001
 Model: Series 008 / LF008
 Size: 3/4 inch
 With Options - PC (Polymer Coated), -QT (Quarter Turn), -SC (Satin Chrome)
 Issued: 3/22/1999
 Amended: 2/21/2006, 11/23/2008, 2/19/2013

Revision: 2001
 Model: Series 008 / LF008
 Size: 3/8 inch
 With Options - PC (Polymer Coated), -QT (Quarter Turn), -SC (Satin Chrome)
 Issued: 3/22/1999
 Amended: 2/21/2006, 11/23/2008, 2/19/2013

**STANDARD #ASSE
1057**

**Freeze Resistant
Sanitary Yard Hydrants
with Backflow
Protection
ASSE-2012**

**Hoepfner Perfected
Products**

Revision: 2012
Model: #2131E, 2131RE,
2132E, 2133E, 2134E,
2135E, 2136E, 2137E
Size: 3/4"
Issued: 5/24/2007
Amended: 3/21/2013,
9/22/2016

Revision: 2012
Model: Freeze Flow
213X-ADA
Issued: 12/6/2001
Amended: 3/21/2013

Revision: 2012
Model: Freeze Flow
213XS
Issued: 12/6/2001
Amended: 3/21/2013

Murdock Manufacturing

Revision: 2012
Model: M-NP75
Size: Size: 3/4 inch
Issued: 9/20/2004
Amended: 3/14/2012,
3/21/2013

Revision: 2012
Model: M-NPL75
Size: Size: 3/4 inch
Issued: 9/20/2004
Amended: 2/4/2010,
2/10/2010, 3/21/2013

Woodford Mfg. Co.

Revision: 2012
Model: H34
Size: 1 inch NPT
Issued: 5/25/2004
Amended: 3/21/2013

Revision: 2012
Model: S3
Size: 3/4 inch NPT
Issued: 5/25/2004
Amended: 3/21/2013

Revision: 2012
Model: S4H
Size: 3/4 inch NPT
Issued: 5/25/2004
Amended: 3/21/2013

Revision: 2012
Model: SRH
Size: 3/4" NPT Outlet
Issued: 6/30/2010
Amended: 3/21/2013

Revision: 2012
Model: Y34-AG
Size: 3/4" Female NPT
(7 ft. lengths.)
Issued: 9/27/2005
Amended: 3/21/2013

**STANDARD #ASSE
1060**

**Outdoor Enclosures for
Fluid Conveying
Components
ASSE-2017**

Hubbell Lenoir City, Inc.
Revision: 2017
Model: Aluminum
(Includes: 2000AC, 2.5C,
2.75C, 3NC, 3ENC,
4000ANC, 4NC, 4EC,
4N, 4E, 6N, 6E, 8N, 8E,
10N, 10E, 10EDS,
DF4FOL, DF4WOL,
DF6FOL, DF6WOL,
DF8FOL, DF8WOL,
DF10FOL, DF10WOL,
4FE-AL, 6FE-AL, 8FE-AL,
10FE-AL, DF10FN,
DF4ZO, DF6ZO, DF8ZO,
DF10ZN, DF10ZO)
Size: Largest size tested:
87" x 172" x 85"
Model prefixes: HB-
heat; LB- no heat; DF-
durafold; M- modular/all
classes Model suffixes:
N- nrs; E- osy; NS- nrs &
strainer; ES- osy &
strainer; D- Dual; H-
heat; L- no heat

Issued: 11/1/1998
Amended: 2/23/2016,
9/14/2018

Revision: 2017
Model: Designer
Fiberglass (Includes:
4FEM, 6FEM, 8FEM,
10FEM)
Size: Largest size tested:
53" x 64" x 56"
Model prefixes: HB-
heat; LB- no heat; M-
modular/all classes

Issued: 11/1/1998
Amended: 2/23/2016,
9/14/2018

Revision: 2017
Model: Drop Over
(Includes: EZ.75, NCEZ3,
NCEZ3000, NCEZ4000,
EZLV.75, EZLV1)
Size: Largest size tested:
36" x 105" x 53"
Model Prefixes: H- heat;
VG- no insulation or
heat; NCH- access panels
and heat; P-
polyethylene

construction; M-
modular/all classes

Issued: 11/1/1998
Amended: 2/23/2016,
11/1/2017, 9/14/2018

Revision: 2017
Model: Flip Top
Fiberglass (Includes: .75,
1, 1T, 1.5, 2, 2T, 2S,
2ST, PVB-1, PVB-2,
3000, 4000, 5000, 3N,
3E, AVG1824,
AVG2036, AVG2041,
AVG2240, AVG2248,
AVG3648)
Size: Largest size tested:
53" x 64" x 56"
Model Prefixes: HB-
heat; LB- no heat; VG- no
insulation or heat; VCH-
heat (valve cover); VC-
no heat (valve cover);
VGVC- no insulation or
heat (valve cover); M-
Modular/all classes

Issued: 11/1/1998
Amended: 2/23/2016,
9/14/2018

Revision: 2017
Model: Rocks (Includes:
R.75, R1, R2, R3, R4FE,
R4N)
Size: Largest size tested:
36" x 105" x 53"
Model Prefixes: GH-heat
(fiberglass); GL- no heat
(fiberglass); VGGL- no
insulation or heat
(fiberglass); PH- heat
(polyethylene); PL- no
heat (polyethylene);
VGPL- no insulation or
heat (polyethylene);
M-modular/all classes

Issued: 11/1/1998
Amended: 2/23/2016,
9/14/2018

Revision: 2017
Model: Windbreaker A
Series (A30, A39, A41,
A51)

Issued: 11/1/1998
Amended: 11/26/2007,
2/23/2016, 9/14/2018

Revision: 2017
Model: Windbreaker B
Series (B30, B39, B41,
B51, B68, B80, B110,
B110/EXT, B115, B155)
Issued: 11/1/1998
Amended: 11/26/2007,
2/23/2016, 9/14/2018

**Apollo Valves /
Conbraco Industries**

Revision: 2006
Model: ENC4AN1 &
ENC4AN1H
Size: Largest size tested:
36" x 105" x 53"
Issued: 3/1/2016

**ASBE Acquisition, LLC
dba AquaShield**

Revision: 2006
Model: BFP1-S & BFP2-S
Size: Largest Size tested:
46 x 17 x 29
S- w/strainer
Issued: 10/25/2001
Amended: 5/16/2008,
10/13/2017, 12/10/2018

Revision: 2006
Model: BFP-3, 4, 6, 8, 10
N, NS, O, OS
Size: Largest Size tested:
175 x 43 x 92
N-Non-Rising Stem, NS-
Non-Rising Stem
w/Strainer, O-Outside
Stem & Yoke, OS-
Outside Stem & Yoke
w/Strainer
Issued: 10/25/2001
Amended: 5/16/2008,
12/20/2016,
10/13/2017, 12/10/2018

Revision: 2006
Model: NBFP-4, 6, 8, 10
N, O
Size: Largest Size tested:
67 x 51 x 54
N-Non-Rising Stem, O-
Outside Stem & Yoke
Issued: 10/25/2001
Amended: 5/16/2008,
12/20/2016,
10/13/2017, 12/10/2018

BF Products, Inc.

Revision: 2006
Model: APD Series
Size: Largest Enclosure:
112" x 71" x 31"
Series includes: 112-
APD, 98-APD, 78-APD,
65-APD, 56N-APD, 45N-
APD, 322-APD, 232-APD,
371-APD, 271-APD, 191-
APD
Issued: 6/25/2001
Amended: 5/19/2010

Dekorra Products LLC

Revision: 2006
Model: 101 (31" x 26" x
21"); 102 (27" x 21" x
25"); 103 (56" x 42" x
30"); 110 (40" x 23" x
20"); 116 (47" x 20" x
29");
Issued: 9/9/2002
Amended: 5/22/2002,
7/9/2007, 7/8/2008,
5/6/2009, 2/23/2010,
1/19/2011

Revision: 2006
Model: 301 33.5" x 16.5"
x 26.5, 302 48 x 17 x
27.5
Issued: 9/9/2002

G & C Enclosures, Inc.

Revision: 2006
Model: Type A Lift Off
Design Type
(WS-1S, WS-2S, WS-
1FMYA, WS-2FMYA, WS-
2SNY-FM, WS-SP1, WS-
2UCZ, WS-FMYA/P, WS-
SP1/P, WS-1S/CV) -
Class I, II, III
Issued: 3/11/1998
Amended: 9/12/2006,
10/9/2008

Revision: 2006
Model: Type B Single In-
Line
(WS-3-NRS, WS-3-NRS-
S, WS-3-OSY, WS-3-OSY-
S, WS-4-NRS, WS-4-NRS-
S, WS-4-OSY, WS-4-OSY-
S, WS-6-NRS, WS-6-NRS-
S, WS-6-OSY, WS-6-OSY-
S, WS-8-NRS, WS-8-NRS-
S, WS-8-OSY, WS-8-OSY-
S, WS-10-NRS, WS-10-
NRS-S, WS-10-OSY, WS-
10-OSY-S) - Class I, II, III
Issued: 3/11/1998
Amended: 10/9/2008

Revision: 2006
Model: Type C Single N-
Pattern
(WS-4RM-NRS, WS-4FM-
OSY, WS-6FM-NRS, WS-
6FM-OSY, WS-8FM-NRS,
WS-8FM-OSY, WS-10FM-
NRS, WS-10FM-OSY, WS-
1S/FA, WS-2S/FA, WS-
2SNY/FA, WS-4FM-OSY-
UZ, WS-6FM-OSY-UZ,
WS-4FM-OSY-FDC, WS-
4FM-OSY-UZ-FDC, WS-
6FM-OSY-FDC, WS-6FM-
OSY-UZ-FDC, WS-8FM-
OSY-FDC, WS-10 FM-
OSY-FDC, WS-8FM-OSY-
UZ, WS-8FM-OSY-UZ-
FDC, WS-10FM-OSY-UZ,
WS-10FM-OSY-UZ-FDC) -
Class I, II, III
Issued: 3/11/1998
Amended: 10/9/2008

Revision: 2006
Model: Type D Dual N
Pattern
(WS-D-4FM-NRS, WS-D-
4FM-OSY, WS-D-6FM-
NRS, WS-D-6FM-OSY, WS-
D-8FM-NRS, WS-D-8FM-
OSY, WS-D-10FM-
NRS, WS-D-10FM-OSY) -
Class I, II, III
Issued: 3/11/1998
Amended: 10/9/2008

Revision: 2006
Model: Type E - Dual In-Line Design Type (WS-2D)
Class I, II, III
Issued: 3/11/1998
Amended: 10/9/2008

Hubbell Lenoir City, Inc.

Revision: 2006
Model: Hot Box PEZ1
†P010026023‡
Size: Outside 14" x 30" x 25" Inside 10" x 26" x 23"
† - Prefixes: H – heat; L – no heat; V – no insulation or heat
‡ - Suffixes: G – green color; T – tan/beige color
Issued: 11/1/2017
Amended: 11/1/2017

Revision: 2006
Model: Hot Box PEZ2
†P010026023‡
Size: Outside 19" x 43" x 28" Inside 15" x 39" x 26"
† - Prefixes: H – heat; L – no heat; V – no insulation or heat
‡ - Suffixes: G – green color; T – tan/beige color
Issued: 11/1/2017

Piedmont Well Covers

Revision: 2006
Model: 1530
Size: 30" x 13" x 25"
Issued: 3/26/2004
Amended: 4/14/2010

Revision: 2006
Model: 1530-2
Size: 27" x 10" x 25"
Issued: 5/31/2005
Amended: 4/14/2010

Revision: 2006
Model: 1550
Size: 41.5" x 16.5" x 27"
Issued: 3/26/2004
Amended: 4/14/2010

Revision: 2006
Model: 1550-2
Size: 38" x 15" x 34"
Issued: 5/31/2005
Amended: 4/14/2010

SAFE-T-COVER

Revision: 2006
Model: 100 Series
Includes: 130D-FG (8" W x 25" L x 19" H) & 135D-FG (9" W x 26" L x 25" H) -
Issued: 4/8/2010
Amended: 4/14/2010

Revision: 2006
Model: 200 Series
Includes: 230D-FG (11" W x 35" L x 24" H) & 235D-FG (12" W x 37" L x 30" H) -
Issued: 4/8/2010
Amended: 4/14/2010

Revision: 2006
Model: 250TCS-FG (sized: 12x39x36in), 100L-FG, 200L-FG, 150CS-FG, 250CS-FG
Issued: 4/21/1998
Amended: 8/28/2015

Revision: 2006
Model: Lift off design: Series 100, Series 200
Series 100: (100S-AL, 110-AL *all models also with options AK, PG, SS,CK)
Series 200: (200S-AL *all models also with options AK, PG, SS,CK)
Issued: 4/21/1998
Amended: 10/6/2010

Revision: 2006
Model: Panel Design Series: Series 75, Series 100, Series 200, Series 300, Series 400, Series 600, Series 800, Series 1000
Series 75: (75SN-AL - all models also with options AK, PG, SS,CK)
Series 100: (100SN-AL, 100SNT-AL - all models also with options AK, PG, SS,CK)

Series 200: (200D-AL, 200SN-AL *all models also with options AK, PG, SS,CK)
Series 300: (300-AL, 300T-AL, 300D-AL, 300DS-AL, 300TD-AL, 300TDS-AL *all models also with options AK, PG, SS,CK)

Series 400: (400-AL, 400T-AL, 400D-AL, 400DS-AL, 400TD-AL, 400TDS-AL, 400LU880-AL, 400TLU880-AL, 400SN-AL *all models also with options AK, PG, SS,CK)

Series 600: (600-AL, 600T-AL, 600TS-AL, 600D-AL, 600DS-AL, 600TD-AL, 600TDS-AL, 600LU880-AL, 600TLU880-AL *also with options AK, PG, SS,CK)

Series 800: (800-AL, 800T-AL, 800D-AL, 800DS-AL, 800TD-AL, 800TDS-AL, 800LU880-AL, 800TLU880-AL, 800TLU880M-AL *all

models also with options AK, PG, SS,CK)
Series 1000: (1000-AL, 1000S-AL, 1000T-AL, 1000D-AL, 1000DS-AL, 1000TD-AL, 1000TDS-AL, 1000LU880-AL, 1000TLU880-AL, 1000TLU880M-AL, 1000TS-AL *all models also with options AK, PG, SS,CK)
Issued: 4/21/1998
Amended: 10/6/2010

Watts Regulator Company

Revision: 2006
Model: Flip Top Fiberglass
WB-75, WB-1, WB1.5, WB-2, WBT-2, WB-N3, WB-E3, WB-E3
Issued: 3/31/1999
Amended: 2/29/2008

Revision: 2006
Model: Lift Off Fiberglass
WB-PVB1, WB-PVB2
Issued: 3/31/1999
Amended: 2/29/2008

Revision: 2006
Model: Sectional Aluminum
WB-N4, WB-E4, WB-N6, WB-E6, WB-N8, WB-E8, WB-N10, WB-E10
Issued: 3/31/1999
Amended: 2/29/2008

STANDARD #ASSE 1062

Temperature Actuated, Flow Reduction (TAFR) Valves for Individual Supply Fittings ASSE-2006

Cash Acme / Reliance Worldwide Corp

Revision: 2006
Model: BD-01
Issued: 4/3/2002
Amended: 5/31/2007

Revision: 2006
Model: SD-01 (24718)
Size: 1/2"
TAFR - Heatguard shut-off Shower device Device
Issued: 2/23/2011

Revision: 2006
Model: TD-01 (24718)
Size: 1/2"
TAFR - Heatguard shut-off Tap device Device (for Facet Spout)
Issued: 4/3/2002
Amended: 5/31/2007

Powers, a Watts Regulator Company

Revision: 2006
Model: HT-110, HT-115
Size: 1/2 inch
Issued: 6/3/2003
Amended: 5/31/2007, 1/29/2013

Precision Plumbing Products

Revision: 2006
Model: TFV-500 TH
Issued: 11/16/2004
Amended: 5/31/2007

Revision: 2006
Model: TLV-500
Issued: 11/16/2004
Amended: 5/31/2007

Revision: 2006
Model: TSV-500
Issued: 11/16/2004
Amended: 5/31/2007

STANDARD #ASSE 1063

Air Valve and Vent Inflow Preventer. ASSE-2016

Val-Matic Valve

Revision: 2016
Model: 1301
Size: 1"
Issued: 4/7/2009

Revision: 2016
Model: 1302
Size: 2"
Issued: 4/7/2009

STANDARD #ASSE 1066

Individual Pressure Balancing In-Line Valves for Individual Fixture Fittings ASSE-1997

Precision Plumbing Products

Revision: 1997
Model: TRB-2 Tempera Valve
Size: 1/2 inch
Issued: 3/3/1998

STANDARD #ASSE 1069

Automatic Temperature Control Mixing Valves ASSE-2005

Apollo Valves / Conbraco Industries

Revision: 2005
Model: 34HL (Model MVHL)
Size: 1" inlet x 1-1/4" outlet
Issued: 5/12/2005
Amended: 9/23/2008

Revision: 2005
Model: MVBLF (34BLF 310 Series)
Size: 1" .5 gpm Minimum flow rate
Issued: 5/12/2005

Revision: 2005
Model: MVBLF (34BLF 310 Series)
Size: 1/2" and 3/4" .5 gpm Minimum flow rate
Issued: 5/12/2005

Bradley Corporation

Revision: 2005
Model: S59-4016* Series
Size: 1/2" and 3/4"
Note : Series model numbers designated with a "*" may be followed by alpha-numeric codes, which does not affect function or form of the product, to indicate:
" NPT connection options
" Sweat connection options
" PEX connection options
" PEX expansion connection options
" Customer model number

Issued: 2/17/2012
Amended: 12/7/2018

Cash Acme / Reliance Worldwide Corp

Revision: 2005
Model: Heatguard 110-D (LF), Heatguard 110-BV (LF)
Size: 1" NPT, Sweat, PEX Barb, CPVC, Sharkbite w/ Lead Content less than or equal to .25%
Issued: 2/2/2007

Revision: 2005
Model: Heatguard 110-D (LF), Heatguard 110-BV (LF)
Size: 1/2" NPT, Sweat, PEX Barb, CPVC, Sharkbite
with lead content less than or equal to 0.25%
Issued: 2/2/2007

Revision: 2005
Model: Heatguard 110-D (LF), Heatguard 110-BV (LF)
Size: 3/4" NPT, Sweat, PEX Barb, CPVC, Sharkbite
w/ Lead Content less than or equal to .25%
Issued: 2/2/2007

Revision: 2005
Model: Heatguard 110-LSB
Size: 1/2" NPT, PEX Barb
w/ Lead Content less than or equal to .25%
Issued: 8/29/2016

Revision: 2005
Model: Heatguard 110-LSB
Size: 3/4" NPT, PEX Barb
w/ Lead Content less than or equal to .25%
Issued: 8/29/2016

Revision: 2005
Model: Heatguard 160LF
Size: 1"
Issued: 2/2/2007
Amended: 11/6/2012, 6/27/2016

Revision: 2005
Model: Heatguard 160LF
Size: 1/2"
Issued: 2/2/2007
Amended: 11/6/2012, 6/27/2016

Revision: 2005
Model: Heatguard 160LF
Size: 3/4"
Issued: 2/2/2007
Amended: 11/6/2012, 6/27/2016

Chicago Faucet / A Geberit Company
Revision: 2005
Model: 122-ABNF
Size: 1/2"
Issued: 8/17/2009
Amended: 11/12/2009

Kohler-Mira
Revision: 2005
Model: RADA 215AL
Size: 1/2"
Issued: 9/19/2008

Revision: 2005
Model: RADA Outlook
Size: 3/4 inlets and outlets
Issued: 9/19/2008

Lawler Manufacturing Company, Inc.
Revision: 2005
Model: 410-CAB / 469-CAB
Size: 3/4 inch
lead content less than or equal to .25% on model 410-CAB/469-CAB
Issued: 8/29/2011
Amended: 1/10/2013

Revision: 2005
Model: 410-SC7 / 469-SC7
Size: 3/4 inch
lead content less than or equal to .25% on model 410-SC7/469-SC7
Issued: 8/29/2011
Amended: 1/10/2013

Revision: 2005
Model: 410-TH / 469-TH
Size: 3/4 inch
lead content less than or equal to .25% on model 410-TH/469-TH
Issued: 8/29/2011
Amended: 1/10/2013

Revision: 2005
Model: 570 1/2"
Size: 1/2"
Lead content less than or equal to .25%
Issued: 6/12/2007

Revision: 2005
Model: 570 3/4"
Size: 3/4"
Lead content less than or equal to .25%
Issued: 6/12/2007

Leonard Valve
Revision: 2005
Model: 269-LF
Size: 1/2"
Lead content is less than or equal to 0.25%
Issued: 12/8/2010

Revision: 2005
Model: 369-LF
Size: 3/4"
Lead content is less than or equal to 0.25%
Issued: 12/8/2010

Revision: 2005
Model: XL-690 & XL-690-LF
Size: 1" inlet x 1 1/4" outlet
Suffix Options: RF, CP, DT, IT, TC
lead content is equal or less than 0.25% on model XL-690-LF
Issued: 12/8/2010
Amended: 9/23/2011, 10/22/2012

Powers, a Watts Regulator Company
Revision: 2005
Model: LM495 & (LF) LM495 Series
Size: 1/2"
Includes: LM495-1 (threaded), LM495-2 (solder), LM495-3 (CPVC), LM495-4 (PEX), LM495-5 (quick-connect)
Issued: 6/23/2008
Amended: 5/27/2009, 2/7/2011

Revision: 2005
Model: LM496 & (LF) LM496 Series
Size: 3/4"
Includes: LM496-1 (threaded), LM496-2 (solder), LM496-3 (CPVC), LM496-4 (PEX), LM496-5 (quick-connect)
Issued: 6/23/2008
Amended: 5/27/2009, 2/7/2011

Revision: 2005
Model: LM497 & (LF) LM497 Series
Size: 1"
Includes: LM497-1 (threaded), LM497-2 (solder), LM497-3 (CPVC), LM497-4 (PEX), LM497-5 (quick-connect)
Issued: 6/23/2008
Amended: 5/27/2009, 2/7/2011

Watts Regulator Company
Revision: 2005
Model: MMV-M1 Series & (LF) MMV-M1 Series
1/2", 3/4", 1" (UT, US, CPVC, PEX, QC, LF)
Issued: 6/18/2008
Amended: 5/27/2009, 9/9/2009, 3/6/2013

STANDARD #ASSE 1070
ASSE 1070-2015 / ASME A112.1070-2015 / CSA B125.70-15 Water Temperature Limiting Devices ASSE-2015

Ademco Inc. / Honeywell
Revision: 2015
Model: UVM500-LF/U
Size: 3/8" compression
Issued: 12/14/2017
Amended: 10/5/2018

Apollo Valves / Conbraco Industries
Revision: 2015
Model: MVBLF (34BLF 310 Series)
Size: 1"
.5 gpm Minimum flow rate
Issued: 4/16/2018

Revision: 2015
Model: MVBLF (34BLF 310 Series)
Size: 1/2" and 3/4"
.5 gpm Minimum flow rate
Issued: 4/16/2018

Bradley Corporation
Revision: 2015
Model: S59-4000*
Issued: 6/8/2009
Amended: 8/20/2018, 12/31/2018

Revision: 2015
Model: S59-4000A*
Issued: 4/4/2007

Revision: 2015
Model: S59-4000BY*
Issued: 6/30/2010
Amended: 8/20/2018, 12/31/2018

Revision: 2015
Model: S59-4004 & S59-4004XS
Size: 1/2" NPSM
Issued: 4/4/2007
Amended: 8/20/2018

Revision: 2015
Model: S59-4007*
Issued: 3/1/2017
Amended: 8/20/2018, 12/31/2018

Revision: 2015
Model: S59-4008*

Note: Series model numbers designated with a "*" may be followed by alpha-numeric codes, which does not affect function or form of the product, to indicate:
o customer model number
Issued: 7/25/2007
Amended: 8/20/2018, 12/31/2018

Revision: 2015
Model: S59-4016†

Note: Series model numbers designated with a "†" may be followed by alpha-numeric codes, which does not affect function or form of the product, to indicate:
o NPT connection options
o Sweat connection options
o PEX connection options
o PEX expansion connection options
o customer model number
Issued: 2/17/2012
Amended: 8/20/2018, 12/31/2018

Cash Acme / Reliance Worldwide Corp
Revision: 2015
Model: Heatguard 110-D LF
Size: 1/2", (With integrated SharkBite® connections)
Issued: 4/10/2015
Amended: 2/2/2018

Revision: 2015
Model: Heatguard 110-D LF
Size: 3/4" (With integrated SharkBite® connections)
Issued: 4/10/2015
Amended: 2/2/2018

Revision: 2015
Model: Heatguard 110-D LF, Heatguard 110-BV LF
Size: 1" NPT, Sweat, PEX Barb, CPVC, Sharkbite
0.25% or less lead content
Issued: 12/21/2005
Amended: 2/7/2013, 2/2/2018

Revision: 2015
Model: Heatguard 110-D LF, Heatguard 110-BV LF
Size: 1/2" NPT, Sweat, PEX Barb, CPVC, Sharkbite
0.25% or less lead content
Issued: 12/21/2005
Amended: 2/7/2013, 2/2/2018

Revision: 2015
Model: Heatguard 110-D LF, Heatguard 110-BV LF
Size: 3/4" NPT, Sweat, PEX Barb, CPVC, Sharkbite
0.25% or less lead content
Issued: 12/21/2005
Amended: 2/7/2013, 2/2/2018

Revision: 2015
Model: Heatguard 110-LSB
Size: 1/2" NPT, PEX Barb w/ Lead Content less than or equal to 0.25%
Issued: 8/29/2016
Amended: 2/2/2018

Revision: 2015
Model: Heatguard 110-LSB
Size: 3/4" NPT, PEX Barb w/ Lead Content less than or equal to 0.25%
Issued: 8/29/2016
Amended: 2/2/2018

Revision: 2015
Model: Heatguard 135 LF
Size: 3/8" compression fittings or compression fittings with tee
Issued: 12/22/2017
Amended: 2/12/2018

Revision: 2015
Model: Heatguard 145 LF
Size: 3/8" Compression
Lead content is equal to or less than .25%
Minimum flow rate: 0.34 GPM
Issued: 10/10/2011
Amended: 2/2/2018

Revision: 2015
Model: Heatguard 160LF
Size: 1"
Issued: 3/26/2007
Amended: 11/6/2012, 6/27/2016, 2/2/2018

Revision: 2015
Model: Heatguard 160LF
Size: 1/2"
Issued: 3/26/2007
Amended: 11/6/2012, 6/27/2016, 2/2/2018

Revision: 2015
Model: Heatguard 160LF
Size: 3/4"
Issued: 3/26/2007
Amended: 11/6/2012, 6/27/2016, 2/2/2018

Revision: 2015
Model: HG020-LF
Size: 3/4" NPT with lead content less than or equal to 0.25%
Minimum Flow Rate: 1.0 GPM
Issued: 12/21/2005
Amended: 2/2/2018

Chicago Faucet / A Geberit Company

Revision: 2015
Model: 131-ABNF Series
Size: 3/8" Compression
Minimum flow rate = 0.35 GPM
Prefix's (C) Connector fitting, (MP) MultiPack, (FM) Flush Mode option Suffix (NF) No-Finish (RCF) Finish
Issued: 10/19/2011
Amended: 8/26/2016

Revision: 2015
Model: 420-T41 Series
Issued: 10/19/2011

Revision: 2015
Model: 420-T45 Series
Minimum flow rate = 0.35 GPM
Issued: 2/22/2017

Kohler-Mira

Revision: 2015
Model: Rada 215A-LL (1.1374.001)
Size: 1/2 inch
Issued: 8/31/2018

Revision: 2015
Model: Rada 222A-LL (1.1374.004)
Size: 3/4 inch
Issued: 8/31/2018

Lawler Manufacturing Company, Inc.

Revision: 2015
Model: 570
Size: 3/8" Compression
Issued: 1/28/2014

Leonard Valve

Revision: 2015
Model: 170A-LF
Size: 3/8"
Issued: 5/26/2016

Powers, a Watts Regulator Company

Revision: 2015
Model: LFP580-4
Size: 1/2" PEX
Issued: 10/17/2016

Taco, Inc.

Revision: 2015
Model: 5121-2
Size: 3/8" Compression -F2 includes compression fittings, tee, and angle fittings. Lead content is equal to or less than 0.25%. Minimum flow rate: 0.34 GPM.
Issued: 3/30/2016

Revision: 2015
Model: 5122-B2
Size: 1/2" cpvc with lead content less than or equal to 0.25%
Issued: 7/5/2013

Revision: 2015
Model: 5122-C2
Size: 1/2" Sweat with lead content less than or equal to 0.25%
Issued: 7/5/2013

Revision: 2015
Model: 5122-P2
Size: 1/2" barb with lead content less than or equal to 0.25%
Issued: 7/5/2013

Revision: 2015
Model: 5122-T2
Size: 1/2" threaded FNPT with lead content less than or equal to 0.25%
Issued: 7/5/2013

Revision: 2015
Model: 5123-B2
Size: 3/4" cpvc with lead content less than or equal to 0.25%
Issued: 7/5/2013

Revision: 2015
Model: 5123-C2
Size: 3/4" Sweat with lead content less than or equal to 0.25%
Issued: 7/5/2013

Revision: 2015
Model: 5123-P2
Size: 3/4" barb with lead content less than or equal to 0.25%
Issued: 7/5/2013

Revision: 2015
Model: 5123-T2
Size: 3/4" threaded MNPT with lead content less than or equal to 0.25%
Issued: 7/5/2013

Revision: 2015
Model: 5123-WH-N1
Size: 3/4" Water Heater Non Union with lead content less than or equal to 0.25%
Issued: 7/5/2013

Revision: 2015
Model: 5124-C2
Size: 1" Sweat with lead content less than or equal to 0.25%
Issued: 7/5/2013

Revision: 2015
Model: 5124-P2
Size: 1" barb with lead content less than or equal to 0.25%
Issued: 7/5/2013

TOTO USA, Inc.

Revision: 2015
Model: TLT10R
Size: 1/2 BSPP
Issued: 12/21/2016

Wilkins / A Division of Zurn

Revision: 2015
Model: 38-ZW3870 & 38-ZW3870XL
Size: 3/8"
Issued: 10/6/2009
Amended: 8/20/2012

Revision: 2015
Model: 38-ZW3870T & 38-ZW3870XLT
Size: 3/8"
Issued: 3/1/2007
Amended: 8/20/2012

Ademco Inc. / Honeywell

Revision: 2004
Model: AM-1LF 1070 Series
AM-1LF 1070 Series - Includes:
Union Sweat:
AM100C1070-US-1LF (1/2"), AM101C1070-US-1LF (3/4"), AM102C1070-US-1LF (1");
Union Thread:
AM100C1070-UT-1LF (1/2"), AM101C1070-UT-1LF (3/4"), AM102C1070-UT-1LF (1");
Union CPVC:
AM100C1070U-CPVC1LF (1/2"), AM101C1070UCPVC1LF (3/4");
Union PEX:
AM100C1070-UPEX1LF (1/2"), AM101C1070-UPEX1LF (3/4")
Union Press:
AM100C1070-UP-1LF (1/2"), AM101C1070-UP-1LF (3/4"), AM102C1070-UP-1LF (1")
Temp Gauge:
AM100C1070-USTG-LF (1/2"), AM101C1070-USTG-LF (3/4"), AM102C1070-USTG-LF (1")
Push Fit: AM100C1070-SB-1LF (1/2"), AM101C1070-SB-1LF (3/4"), AM102C1070-SB-1LF (1")
Issued: 7/19/2011
Amended: 3/31/2017, 4/24/2018, 8/16/2018, 10/5/2018

Apollo Valves / Conbraco Industries

Revision: 2004
Model: 34B & 34B LF Series (Model MVB & MVB-LF)
Size: 1"
Minimum Flow Rate: 1.5 GPM
Issued: 4/24/2006
Amended: 10/21/2008, 11/17/2010

Revision: 2004
Model: 34B & 34B LF Series (Model MVB & MVB-LF)
Size: 1/2" and 3/4"
Minimum Flow Rate: 1.5 GPM
Issued: 4/24/2006
Amended: 10/21/2008, 11/17/2010

Revision: 2004
Model: 34D & 34D LF
Series (Model MVD & MVD-LF)
Size: 3/8" x 3/8"
Compression
Minimum Flow Rate: 1.5 GPM
Issued: 4/24/2006
Amended: 6/26/2018

**Chicago Faucet / A
Geberit Company**
Revision: 2004
Model: 122-ABNF
Size: 1/2"
Issued: 8/17/2009
Amended: 11/12/2009

Hsien Chang Metals Co.
Revision: 2004
Model: T-*M01
Size: w/ outlet size of
1/2", 3/4", 1"
Minimum flow rate: 0.8 GPM
Issued: 2/4/2011

Revision: 2004
Model: T-*T01
Size: w/ outlet size of
1/2", 3/4", 1"
Minimum flow rate: 0.8 GPM
Issued: 2/4/2011

Revision: 2004
Model: T-*Y01
Size: w/ outlet size of
1/2", 3/4", 1"
Minimum flow rate: 0.8 GPM
Issued: 2/4/2011

Kohler-Mira
Revision: 2004
Model: RADA Outlook
Size: 3/4 NPT inlets and
Outlets
Issued: 9/10/2013

**Lawler Manufacturing
Company, Inc.**
Revision: 2004
Model: 310
Size: 1/2"
Minimum flow rate:
0.5GPM
lead content less than or
equal to .25% on model
310
Issued: 7/5/2011
Amended: 1/10/2013

Revision: 2004
Model: 570
Size: 1/2"
Lead content less than
or equal to .25%
Issued: 6/12/2007

Revision: 2004
Model: 570
Size: 3/4"
Lead content less than
or equal to .25%
Issued: 6/12/2007

Revision: 2004
Model: TMM-1070
Size: 3/8"
lead content less than or
equal to .25% on model
TMM-1070
Issued: 10/12/2009
Amended: 1/10/2013

Leonard Valve
Revision: 2004
Model: 170-LF - 3/8" IPS
with compression
fittings
Lead Content is less than
or equal to .25% on
model 170-LF.
Minimum flow rate on
model 170-LF is 0.25
gpm.
Issued: 2/18/2008
Amended: 12/8/2010,
10/22/2012, 2/12/2013

Revision: 2004
Model: 270-LF
Size: 1/2" NPT
Minimum flow rate on
model 270-LF is 0.25
gpm.
Lead Content is less than
or equal to .25% on
model 270-LF.
Issued: 2/18/2008
Amended: 12/7/2009,
10/22/2012, 1/7/2013

Revision: 2004
Model: 370-LF
Size: 3/4" NPT
Lead Content is less than
or equal to .25% on
model 370-LF.
Issued: 6/30/2011
Amended: 10/22/2012

Revision: 2004
Model: XL670-LF
Size: 1" inlet x 1-1/4"
outlet
Lead Content is less than
or equal to 0.25% on
model XL670-LF.
Minimum flow rate on
model XL670-LF is 2.5
gpm.
Issued: 2/18/2008
Amended: 5/14/2013,
8/10/2017

**Powers, a Watts
Regulator Company**
Revision: 2004
Model: 105 Series
Includes: 105, 105-6,
105A5, 105A15, 105PW,
105L, 105L5, 105VA,
105V5, 105VL, 105VL5 &
suffix options of GD or

OGD w/ Minimum Flow
Rate of .5 GPM
Issued: 4/8/2010
Amended: 12/13/2010

Revision: 2004
Model: 115 Series
Includes: 115, 115-6,
115A5, 115A15, 115PW,
115L, 115L5, 115VA,
115V5, 115VL, 115VL5 &
suffix options of GD or
OGD w/ Minimum Flow
Rate of .5 GPM
Issued: 4/8/2010
Amended: 12/13/2010

Revision: 2004
Model: 205 Series
Includes: 205, 205A5,
205-6, 205A15, 205L,
205L5, 205VA, 205V5,
205VL, 205VL5 & suffix
options of GD or OGD w/
Minimum Flow Rate of
.5 GPM
Issued: 4/8/2010
Amended: 12/13/2010

Revision: 2004
Model: 215 Series
Includes: 215, 215A5,
0215-6, 215A15, 215L,
215L5, 215VA, 215V5,
215VL, 215VL5 & suffix
options of GD or OGD
w/ Minimum Flow Rate
of .5 GPM
Issued: 4/8/2010
Amended: 12/13/2010

Revision: 2004
Model: e480 Series (LF)
(QC)
(Includes: e480-00 - 1/2"
NPT, e480-01-1/2" NPT,
e480-10 - 3/8"
Compression, e480-11 -
3/8" Compression, e480-
50 (LF) (QC) - 3/8"
compression, e480-51
(LF) (QC) - 3/8"
compression)
Issued: 1/11/2008
Amended: 9/9/2009,
5/26/2010, 2/10/2012

Revision: 2004
Model: G480-00 (LF)
(QC)
(Includes: G480-00 - 1/2"
NPT, G80-01-1/2" NPT,
G480-10 - 3/8"
Compression, G480-11 -
3/8" Compression,
G480-50 (LF) (QC) - 3/8"
compression, G480-51
(LF) (QC) - 3/8"
compression)
Issued: 8/21/2014

Revision: 2004
Model: LM495 Series
Size: 1/2", 3/4", 1"
(LF) (QC)
Issued: 3/16/2005
Amended: 10/12/2009

TOTO USA, Inc.
Revision: 2004
Model: TEL5L115#**
Size: 3/8" Compression
Includes suffix options
of: CP- Chrome Plated;
PB- Polished Brass; BN-
Brushed Nickel; PN-
Polished Nickel; RB- Oil
Rubbed Bronze;
RS- Rose Bronze; BL-
Black Nickel; SN- Satin
Nickel; TB- Textured
Black

Issued: 6/28/2011

Revision: 2004
Model: TL993SE
(includes: LLT993#61,
LFC993#61 & #CP
option)
Minimum flow rate: 1.1
GPM
Issued: 6/16/2010

**Watts Regulator
Company**
Revision: 2004
Model: (LF) USG-B-M1
(SC, QC)
Size: 3/8" Compression
Issued: 1/23/2008
Amended: 5/27/2009,
10/12/2009

Revision: 2004
Model: 1070 Series
Includes: 1070, 1070-6,
1070A5, 1070A15,
1070PW, 1070L, 1070L5,
1070VA, 1070V5,
1070VL, 1070VL5 &
suffix options of GD or
OGD w/ Minimum Flow
Rate of .5 GPM
Issued: 4/6/2010
Amended: 12/13/2010

Revision: 2004
Model: G1070 Series
Includes: G1070,
G1070A5, G1070-6,
G1070A15, G1070L,
G1070L5, G1070VA,
G1070V5, G1070VL,
G1070VL5 & suffix
options of GD or OGD
w/ Minimum Flow Rate
of .5 GPM
Issued: 4/6/2010
Amended: 12/13/2010

Revision: 2004
Model: GP1070 Series
Includes: GP1070,
GP1070A5, GP1070-6,
GP1070A15, GP1070L,
GP1070L5, GP1070VA,
GP1070V5, GP1070VL,

GP1070VL5 & suffix
options of GD or OGD
w/ Minimum Flow Rate
of .5 GPM
Issued: 4/6/2010
Amended: 12/13/2010

Revision: 2004
Model: MMV-M1 Series
(UT, US, PEX, CPVC,
QC, LF) & (LF) MMV-M1
Series (UT, US, PEX,
CPVC, QC, LF)
Size: 1"
Issued: 3/16/2005
Amended: 11/26/2007,
5/27/2009, 10/12/2009,
3/6/2013

Revision: 2004
Model: MMV-M1 Series
(UT, US, PEX, CPVC,
QC, WP, LF) & (LF)
MMV-M1 Series (UT,
US, PEX, CPVC, QC,
WP, LF)
Size: 1/2"
Issued: 3/16/2005
Amended: 11/26/2007,
5/27/2009, 10/12/2009,
3/6/2013

Revision: 2004
Model: MMV-M1 Series
(UT, US, PEX, CPVC,
QC, WP, LF) & (LF)
MMV-M1 Series (UT,
US, PEX, CPVC, QC,
WP, LF)
Size: 3/4"
Issued: 3/16/2005
Amended: 11/26/2007,
5/27/2009, 10/12/2009,
3/6/2013

Revision: 2004
Model: P1070 Series
Includes: P1070, P1070-
6, P1070A5, P1070A15,
P1070PW, P1070L,
P1070L5, P1070VA,
P1070V5, P1070VL,
P1070VL5 & suffix
options of GD or OGD w/
Minimum Flow Rate of
.5 GPM
Issued: 4/6/2010
Amended: 12/13/2010

Revision: 2004
Model: USG-B-M2 (SC,
QC) & (LF) USG-B-M2
(SC, QC)
Size: 3/8"
Issued: 1/17/2012

**Wilkins / A Division of
Zurn**
Revision: 2004
Model: ZW1070 TMV &
ZW1070XL
Size: 1"
Issued: 9/1/2005
Amended: 8/20/2012

Revision: 2004
Model: ZW1070 TMV &
ZW1070XL
Size: 1/2"
Issued: 9/1/2005
Amended: 8/20/2012

Revision: 2004
Model: ZW1070 TMV &
ZW1070XL
Size: 3/4"
Issued: 9/1/2005
Amended: 8/20/2012

**STANDARD #ASSE
1071**

**Temperature Actuated
Mixing Valves for
Plumbed Emergency
Equipment
ASSE-2012**

**Apollo Valves /
Conbraco Industries**
Revision: 2012
Model: MVE & MVE-LF
(34E & 34E-LF Series)
Size: 1/2" or 3/4" FPT or
Solder
Issued: 5/6/2009
Amended: 11/19/2010,
3/19/2013

Bradley Corporation
Revision: 2012
Model: S19-2000*
Issued: 8/17/2012
Amended: 3/19/2013,
10/30/2018

Revision: 2012
Model: S19-2150*
Issued: 8/17/2012
Amended: 7/9/2014,
5/23/2018, 10/30/2018

Revision: 2012
Model: S19-2250*
Issued: 8/17/2012
Amended: 7/9/2014,
5/23/2018, 10/30/2018

Revision: 2012
Model: S19-2350*

Note : Series model
numbers designated
with a "*" may be
followed by alpha-
numeric codes, which
does not affect function
or form of the product,
to indicate:

" exterior finish
options
" customer
model number
Issued: 8/17/2012
Amended: 5/23/2018,
10/30/2018

Guardian Equipment

Revision: 2012
Model: G3600 &
G3600LF
Size: 1/2"-1/2" NPT
Female
Lead content is less than
or equal to 0.25% on
model G3600-LF
Issued: 3/11/2009
Amended: 1/14/2013

Revision: 2012
Model: G3700 & G3700-
LF
Size: 3/4" inlet x 1"
outlet NPT
Lead content is less than
or equal to 0.25% on
model G3700-LF
Issued: 3/11/2009
Amended: 6/29/2012,
1/14/2013

Revision: 2012
Model: G3800 & G3800-
LF
Size: 1" inlet x 1 1/4"
outlet
Lead content is less than
or equal to 0.25% on
model G3800-LF
Issued: 3/11/2009
Amended: 6/29/2012

Leonard Valve
Revision: 2012
Model: TA-300-LF w/ TB
& SB options & TA-350-
LF w/ safety device
Size: 1/2"
Lead content is less than
or equal to 0.25% on
model TA-300-LF and
TA-350-LF
Issued: 3/24/2009
Amended: 10/29/2009,
6/14/2010, 9/5/2012,
6/1/2015

Revision: 2012
Model: TM-600-LF
Size: 3/4" inlet x 1"
outlet NPT
Lead content is less than
or equal to 0.25% on
model TM-600-LF
Issued: 2/12/2009
Amended: 6/14/2010,
6/20/2012, 6/1/2015

Revision: 2012
Model: TM-800-LF &
TM-850-LF w/ safety
device
Size: 1" inlet x 1 1/4"
outlet
Lead content is less than
or equal to 0.25% on
model TM-800-LF and
TM-850-LF
Issued: 3/24/2009
Amended: 6/14/2010,
6/20/2012, 6/1/2015

Speakman Co.

Revision: 2012
Model: SE-350
Size: 1" inlet, 1-1/4"
outlet
Issued: 4/23/2014

Revision: 2012
Model: SE-362
Size: 3/4" Inlet, 1" Outlet
Issued: 1/24/2014

Revision: 2012
Model: SE-370
Size: 1/2" NPT
Issued: 11/8/2012
Amended: 3/26/2013

WaterSaver Faucet
Revision: 2012
Model: AP3600 &
AP3600-LF
Size: 1/2" - 1/2" NPT
Female
Lead content is less than
or equal to 0.25% on
model AP3600-LF
Issued: 3/11/2009
Amended: 8/2/2017

Revision: 2012
Model: AP3700 &
AP3700-LF
Size: 3/4" x 1" Outlet
NPT
Lead content is less than
or equal to 0.25% on
model AP3700-LF
Issued: 3/11/2009
Amended: 6/29/2012,
8/2/2017

Revision: 2012
Model: AP3800 &
AP3800-LF
Size: 1" inlet x 1 1/4"
outlet
Lead content is less than
or equal to 0.25% on
model AP3800-LF
Issued: 3/11/2009
Amended: 6/29/2012,
8/2/2017

**Lawler Manufacturing
Company, Inc.**

Revision: 2008
Model: 911
Size: 1 1/4"
NPT female connections
lead content less than or
equal to .25% on model
911
Issued: 8/3/2009
Amended: 1/10/2013

Revision: 2008
Model: 911E
Size: 1 1/4"
NPT female connections
lead content less than or
equal to .25% on model
911E
Issued: 8/3/2009
Amended: 8/19/2009,
1/10/2013

Revision: 2008
Model: 911E/F
Size: 1/2"
NPT Female connections
lead content less than or
equal to .25% on model
911E/F
Issued: 8/3/2009
Amended: 1/10/2013

**Powers, a Watts
Regulator Company**

Revision: 2008
Model: ES150-
Size: 1/2" inlet and
outlet
10 - Rough bronze
emergency tempering
valve; 20 - chrome-
plated emergency
tempering valve; 11 -
rough bronze emergency
tempering valve w/ T/P
Gauge on outlet; 22 -
chrome plated
emergency tempering
valve w/ T/P Gauge on
outlet
Issued: 1/20/2009

Revision: 2008
Model: ETV200-
Size: 3/4" inlet x 1"
outlet
10 - Rough bronze
emergency tempering
valve; 20 - chrome-
plated emergency
tempering valve; 13 -
rough bronze emergency
tempering valve w/ T/P
Gauge on outlet; 24 -
chrome plated
emergency tempering
valve w/ T/P Gauge on
outlet
Issued: 1/20/2009

Revision: 2008
Model: ETV400-
Size: 1 1/4" inlet x 1 1/2"
outlet
10 - Rough bronze
emergency tempering
valve; 20 - chrome-
plated emergency
tempering valve; 15 -
rough bronze emergency
tempering valve w/ T/P
Gauge on outlet; 26 -
chrome plated
emergency tempering
valve w/ T/P Gauge on
outlet
Issued: 1/20/2009

Revision: 2008
Model: ETV500-
Size: 2" inlet and outlet
10 - Rough bronze
emergency tempering
valve; 20 - chrome-
plated emergency
tempering valve; 17 -
rough bronze emergency
tempering valve w/ T/P
Gauge on outlet; 28 -

chrome plated
emergency tempering
valve w/ T/P Gauge on
outlet;
Issued: 1/20/2009

**STANDARD #ASSE
1072**

**Barrier Type Floor Drain
Trap Seal Protection
Devices
ASSE-2007**

JAY R. SMITH MFG., CO.
Revision: 2007
Model: 2692-02
Size: 2"
Issued: 6/20/2012

Revision: 2007
Model: 2692-03
Size: 3"
Issued: 6/20/2012
Amended: 6/27/2012

Revision: 2007
Model: 2692-035
Size: 3 1/2"
Issued: 6/20/2012

Revision: 2007
Model: 2692-04
Size: 4"
Issued: 6/20/2012
Amended: 6/27/2012

MIFAB, Inc.
Revision: 2007
Model: MI-GARD-2
Size: 2"
Issued: 12/31/2013

Revision: 2007
Model: MI-GARD-35
Size: 3.5"
Issued: 1/23/2014

Revision: 2007
Model: MI-GARD-4
Size: 4"
Issued: 12/31/2013

Revision: 2007
Model: MI-GARD-3
Size: 3"
Issued: 1/23/2014

**Precision Plumbing
Products**

Revision: 2007
Model: PDS-2000
Size: 2"
PPP Pro Drain Seal
Issued: 7/23/2014

Revision: 2007
Model: PDS-3000
Size: 3"
PPP Pro Drain Seal
Issued: 7/23/2014

Revision: 2007
Model: PDS-4000
Size: 4"
PPP Pro Drain Seal
Issued: 7/23/2014

RectorSeal, LLC
Revision: 2007
Model: SureSeal®
SS2009Plus
Issued: 9/14/2015
Amended: 8/10/2017

Revision: 2007
Model: SureSeal®
SS2009V
Issued: 4/12/2011
Amended: 5/1/2014,
8/10/2017

Revision: 2007
Model: SureSeal®
SS3009Plus
Issued: 9/14/2015
Amended: 8/10/2017

Revision: 2007
Model: SureSeal®
SS3009V
Issued: 4/12/2011
Amended: 5/1/2014,
8/10/2017

Revision: 2007
Model: SureSeal®
SS3509V
Issued: 4/12/2011
Amended: 5/1/2014,
8/10/2017

Revision: 2007
Model: SureSeal®
SS4009Plus
Issued: 9/14/2015
Amended: 8/10/2017

Revision: 2007
Model: SureSeal®
SS4009V
Issued: 4/12/2011
Amended: 5/1/2014,
8/10/2017

Sioux Chief Mfg. Co. Inc.
Revision: 2007
Model: 835-2
Size: 2 inch
TrapShield 2 inch
Issued: 11/29/2017

Revision: 2007
Model: 835-3
Size: 3 inch
TrapShield 3 inch
Issued: 11/29/2017

Revision: 2007
Model: 835-35
Size: 3-1/2 inch
TrapShield 3.5 inch
Issued: 11/29/2017

Revision: 2007
Model: 835-4
Size: 4 in
TrapShield 4 inch
Issued: 11/29/2017

Zurn Industries, Inc.
Revision: 2007
Model: Z1072-2
Size: 2 inch
Issued: 5/8/2017

Revision: 2007
Model: Z1072-3
Size: 3 inch
Issued: 5/8/2017

Revision: 2007
Model: Z1072-3.5
Size: 3.5 inch
Issued: 5/8/2017
Amended: 12/6/2018

Revision: 2007
Model: Z1072-3.5-EZ1
Size: 3.5 inch
Issued: 5/8/2017
Amended: 12/6/2018

Revision: 2007
Model: Z1072-4
Size: 4 inch
Issued: 5/8/2017

**STANDARD #ASSE
1079**
Dielectric Pipe Union
ASSE-2012

**Watts Regulator
Company**
Revision: 2012
Model: 4001E & (LF)
4001E
Size: 1 1/2"
Issued: 10/21/2011
Amended: 11/1/2011,
3/21/2013

Revision: 2012
Model: 4001E & (LF)
4001E
Size: 1 1/4"
Issued: 10/21/2011
Amended: 11/1/2011,
3/21/2013

Revision: 2012
Model: 4001E & (LF)
4001E
Size: 1"
Issued: 10/21/2011
Amended: 11/1/2011,
3/21/2013

Revision: 2012
Model: 4001E & (LF)
4001E
Size: 1/2"
Issued: 10/21/2011
Amended: 11/1/2011,
3/21/2013

Revision: 2012
Model: 4001E & (LF)
4001E
Size: 2"
Issued: 10/21/2011
Amended: 11/1/2011,
3/21/2013

Revision: 2012
Model: 4001E & (LF)
4001E
Size: 3/4"
Issued: 10/21/2011
Amended: 11/1/2011,
3/21/2013

**STANDARD #ASSE
1081**
*Combination Backflow
Preventer with
Atmospheric Vent and
Pressure Reducing
Boiler Feed Valve for
Res. and Light Comm.
systems*
ASSE-2014

**Ademco Inc. /
Honeywell**
Revision: 2014
Model: NK300S 100
Size: 1/2 inch
male NPT and sweat
tailpieces
Issued: 4/17/2017
Amended: 8/11/2017,
10/5/2018

Revision: 2014
Model: NK300S-100UP
Size: 1/2 inch
union press fittings
Issued: 4/17/2017
Amended: 10/5/2018

Taco, Inc.
Revision: 2014
Model: 3450
Size: 1/2"
-2 Sweat Connection; -
H2 Press Connect; -T2
NPT
Issued: 8/3/2015
Amended: 5/26/2017

**STANDARD #AWWA
C512**
*Air-Release,
Air/Vacuum, and
Combination Air Valves
for Water and
Wastewater Service*
ASSE-2015

Val-Matic Valve
Revision: 2015
Model: Air Release
Valves - 48A.Y, 49A.Y (H,
BW, SV, XF)
Size: 2" to 4"
Issued: 11/27/2018

Revision: 2015
Model: Air Release
Valves 15A.YY, 22.YY,
25.YY, 38.YY, 45.YY,
SO.VY, 61.YY (VC, H,
HP, P, SV, XF)
Size: 1/2" to 6"
- NPT models only are
certified
Issued: 11/27/2018

ASSE Accepted Shutoff Valves

American Figure 17-NRS RW
American Figure 37-OSY RW
American Flow Control (Waterous) Series 500-NRS
American Flow Control (Waterous) Series 500-OSY
American Flow Control Series 2500-NRS
American Flow Control Series 2500-OSY
Apollo Series 7B-308-01 (& 7B-308-31)
Apollo Series 7B-QT
Apollo Series 7B-QT Model: 40-201-A2 (1/4 inch)
Apollo Series 7B-QT Model: 40-201-T2 (1/4 inch)
Apollo Series 7B-QT Model: 40-202-A2 (3/8 inch)
Apollo Series 7B-QT Model: 40-202-T2 (3/8 inch)
Apollo Series 7B-QT Model: 40-203-A2 (1/2 inch)
Apollo Series 7B-QT Model: 40-203A2S (1/2 inch)
Apollo Series 7B-QT Model: 40-203-T2 (1/2 inch)
Apollo Series 7B-QT Model: 40-203-T2S (1/2 inch)
Apollo Series 7B-QT Model: 40-204-A2U (3/4 inch)
Apollo Series 7B-QT Model: 40-204-A2Z (3/4 inch)
Apollo Series 7B-QT Model: 40-204-T2U (3/4 inch)
Apollo Series 7B-QT Model: 40-204-T2Z (3/4 inch)
Apollo Series 7B-QT Model: 40-205-A2U (1 inch)
Apollo Series 7B-QT Model: 40-205-A2Z (1 inch)
Apollo Series 7B-QT Model: 40-205-T2U (1inch)
Apollo Series 7B-QT Model: 40-205-T2Z (1 inch)
Apollo Series 7B-QT Model: 40-206-A2 (1-1/4 inch)
Apollo Series 7B-QT Model: 40-206-T2 (1-1/4 inch)
Apollo Series 7B-QT Model: 40-208-A2U (2 inch)
Apollo Series 7B-QT Model: 40-208-A2Z (2 inch)
Apollo Series 7B-QT Model: 40-208-T2UV (2 inch)
Apollo Series 7B-QT Model: 40-208-T2Z (2 inch)
Apollo Series 7H-QT
AVK Series 23-OSY (Nibco F607RW OSY)
AVK Series 25-NRS
Clow R/W Model 2638 (GxF) - NRS (4" - 10") (formerly Clow Series F6105-NRS)
Clow R/W Model 2638 (GxF) - OSY (4" - 10") (formerly Clow Series F6138-OSY)
Clow R/W Model 2638 (GxFG) - NRS (4" - 10") (formerly Clow Series F6104-NRS)
Clow R/W Model 2638 (GxFG) - OSY (4" - 10") (formerly Clow Series F6137-OSY)
Clow R/W Model 2639 (GxF) - NRS (2 1/2" - 3")
Clow R/W Model 2639 (GxF) - OSY (2 1/2" - 3")
Clow R/W Model 2639 (GxF) - OSY (2 1/2" - 3") Post Indicator/Tapping Valve
Clow R/W Model 2639 (GxG) - NRS (2 1/2" - 3)
Clow R/W Model 2639 (GxG) - OSY (2 1/2" - 3")
Clow R/W Model 2640 (FxF) - NRS (formerly Clow R/W F6102 - NRS) Model: B 9105 (2-1/2 inch)
Clow R/W Model 2640 (FxF) - NRS (formerly Clow R/W F6102 - NRS) Model: B 9106 (3 inch)
Clow R/W Model 2640 (FxF) - NRS (formerly Clow R/W F6102 - NRS) Model: B 92010 (8 inch)
Clow R/W Model 2640 (FxF) - NRS (formerly Clow R/W F6102 - NRS) Model: B 9205 (2-1/2 inch)
Clow R/W Model 2640 (FxF) - NRS (formerly Clow R/W F6102 - NRS) Model: B 9206 (3 inch)
Clow R/W Model 2640 (FxF) - OSY (formerly Clow R/W F6136 - OSY)
Clow R/W Model 2640 (FxF) - OSY (formerly Clow R/W F6136 - OSY) Model: 350DA (10 inch)
Clow R/W Model 2640 (FxF) - OSY (formerly Clow R/W F6136 - OSY) Model: 350DA (10")
Clow R/W Model 2640 (FxF) - OSY (formerly Clow R/W F6136 - OSY) Model: 375 (8 inch)
Clow R/W Model 2640 (FxF) - OSY (formerly Clow R/W F6136 - OSY) Model: 375A (8 inch)
Clow R/W Model 2640 (FxF) - OSY (formerly Clow R/W F6136 - OSY) Model: 375ADA (8 inch)
Clow R/W Model 2640 (FxF) - OSY (formerly Clow R/W F6136 - OSY) Model: 375DA (2-1/2")
Clow R/W Model 2640 (FxF) - OSY (formerly Clow R/W F6136 - OSY) Model: 375DA (3")
Clow R/W Model 2640 (FxF) - OSY (formerly Clow R/W F6136 - OSY) Model: 375DA (8 inch)
Clow R/W Model 2640 (FxF) - OSY (formerly Clow R/W F6136 - OSY) Model: 375DAMS (2-1/2")
Clow R/W Model 2640 (FxF) - OSY (formerly Clow R/W F6136 - OSY) Model: 375DAMS (3")
Clow R/W Model 2640 (FxF) - OSY (formerly Clow R/W F6136 - OSY) Model: 375DAMS (8 inch)
Clow R/W Model 2640 (FxF) - OSY (formerly Clow R/W F6136 - OSY) Model: 375MS (8 inch)
Clow R/W Model 2640 (FxF) - OSY (formerly Clow R/W F6136 - OSY) Model: 450 (2-1/2 inch)
Clow R/W Model 2640 (FxF) - OSY (formerly Clow R/W F6136 - OSY) Model: 450 (3 inch)
Clow R/W Model 2640 (FxF) - OSY (formerly Clow R/W F6136 - OSY) Model: 450 (4 inch)
Clow R/W Model 2640 (FxF) - OSY (formerly Clow R/W F6136 - OSY) Model: 450 (6 inch)
Clow R/W Model 2640 (FxF) - OSY (formerly Clow R/W F6136 - OSY) Model: 450DA (4 inch)
Clow R/W Model 2640 (FxF) - OSY (formerly Clow R/W F6136 - OSY) Model: 450DA (6 inch)
Clow R/W Model 2640 (FxF) - OSY (formerly Clow R/W F6136 - OSY) Model: 450V (6 inch)
Clow R/W Model 2640 (FxF) - OSY (formerly Clow R/W F6136 - OSY) Model: 475 (4 inch)
Clow R/W Model 2640 (FxF) - OSY (formerly Clow R/W F6136 - OSY) Model: 475 (8 inch)
Clow R/W Model 2640 (FxF) - OSY (formerly Clow R/W F6136 - OSY) Model: 475DA (4 inch)
Clow R/W Model 2640 (FxF) - OSY (formerly Clow R/W F6136 - OSY) Model: 475DAMS (4 inch)

Clow R/W Model 2640 (FxF) - OSY (formerly Clow R/W F6136 - OSY) Model: 475DAV (4 inch)
 Clow R/W Model 2640 (FxF) - OSY (formerly Clow R/W F6136 - OSY) Model: 475DAVMS (4 inch)
 Clow R/W Model 2640 (FxF) - OSY (formerly Clow R/W F6136 - OSY) Model: 475MS (4 inch)
 Clow R/W Model 2640 (FxF) - OSY (formerly Clow R/W F6136 - OSY) Model: 475MS (8 inch)
 Clow R/W Model 2640 (FxF) - OSY (formerly Clow R/W F6136 - OSY) Model: 475V (4 inch)
 Clow R/W Model 2640 (FxF) - OSY (formerly Clow R/W F6136 - OSY) Model: 475V (8 inch)
 Clow R/W Model 2640 (FxF) - OSY (formerly Clow R/W F6136 - OSY) Model: 475VMS (6 inch)
 Clow R/W Model 2640 (FxF) - OSY (formerly Clow R/W F6136 - OSY) Model: 475VMS (8 inch)
 Clow R/W Model 2640 (FxF) - OSY (formerly Clow R/W F6136 - OSY) Model: 870V (10 inch)
 Clow R/W Model 2640 (FxF) - OSY (formerly Clow R/W F6136 - OSY) Model: 880V (10 inch)
 Clow R/W Model 2640 (FxF) - OSY (formerly Clow R/W F6136 - OSY) Model: 975MS (10 inch)
 Clow R/W Model 2640 (FxF) - OSY (formerly Clow R/W F6136 - OSY) Model: 975MS (8 inch)
 Clow R/W Model 2640 (FxF) - OSY (formerly Clow R/W F6136 - OSY) Model: B 91010 (8 inch)
 Clow R/W Model 2640 (FxF) - OSY Post Indicator/Tapping Valve (formerly Clow R/W F6136-OSY Post Indica
 Clow R/W Model 2640 (GxF)-OSY (4"-10") Post Indicator/Tapping Valve (formerly Clow R/W F6138-OSY Pos
 Conbraco Series IBVE-125-QT
 Enbee Model GV12 (flange by groove)-OSY
 Febco 622UQT
 Febco Series 620 QT
 Febco Series 620U-QT
 Febco Series 621 - QT
 Fortune Figure 620U-QT
 Fortune Figure 620-QT (Formerly Fortune Figure 601 – QT) private labeled as: Ames, Buckner, Febco
 Fortune Figure 620-QT (Formerly Fortune Figure 601 – QT) private labeled as: Ames, Buckner, Febco Model: 2000SS(2000SS-RS) (1-1/2)
 Fortune Figure 620-QT (Formerly Fortune Figure 601 – QT) private labeled as: Ames, Buckner, Febco Model: 2000SS(2000SS-RS) (2 inch)
 Kennedy Figure 02G - Butterfly Valve (8")
 Kennedy Figure G300E - Butterfl Valve (4" , 6")
 Kennedy Ken Seal I - NRS
 Kennedy Ken Seal I - OSY
 Kennedy Mod. KS-RW Figure 7701 (FxF)-NRS (4"-10") Post Indicator/Tapping (form. Kennedy Ken Seal II)
 Kennedy Model KS-FW Figure 8068 (FxF) - OSY (2 1/2" - 3")
 Kennedy Model KS-FW Figure 8561 (FxF) - NRS (2 1/2" - 3")
 Kennedy Model KS-FW Figure 8701 Figure 8701 (FxF) - NRS (3" - 10") Post Indicator/Tapping
 Kennedy Model KS-RW Fig. 7592PABF (FxF) - NRS (form. Kennedy Series 7592PABF) Post Indicator/Tapping
 Kennedy Model KS-RW Figure 7068 (FxF)-OSY (4" - 10") (formerly Kennedy Ken Seal II - OSY)
 Kennedy Model KS-RW Figure 7092 (FxF) - OSY (formerly Kennedy Series 7092 (GxF) - OSY) Model: Colt 400 (10")
 Kennedy Model KS-RW Figure 7092ABF (FxF) - OSY (formerly Kennedy Series 7092ABF-OSY)
 Kennedy Model KS-RW Figure 7093 (GxG) -OSY
 Kennedy Model KS-RW Figure 7093ABF (GxG) - OSY
 Kennedy Model KS-RW Figure 7561 (FxF) - NRS (4"-10") (formerly Kennedy Ken Seal II - NRS)
 Kennedy Model KS-RW Figure 7592 (FxF) - NRS (formerly Kennedy Series 7592ABF-NRS) Model: Colt 400 (10")
 Kennedy Model KS-RW Figure 7593 (GxG) - NRS
 Kennedy Model KS-RW Figure 7593ABF (GxG) - NRS
 Kennedy Model KS-RW Figure 7593PABF (GxG) - NRS Post Indicator
 Lee Brass - QT
 M&H Model 4067-02 (NRS)
 M&H Model 4068-02 (OSY)
 Matco Norca 105U (OSY)
 Matco-Norca 10RW (NRS)
 Mueller Model A2360-NRS
 Mueller Model R2360-OSY
 Mueller R/W HP NRS
 Mueller R/W HP OSY
 Ningbo Ball Valves (Febco Series 622-QT, Watts Series 855-QT & Wilkins Series 855-QT)
 Shutoff Valve is integral part of assembly
 Stockham Model G-610 (OSY)
 Toro/Orion Integral Ball Valve - QT
 Unon Model GV12 (flange by groove)-OSY
 Victaulic Series 702 (Butterfly valves)
 Watts 405 - RW
 Watts 408 - OSY
 Watts 409 RW 2" -OSY
 Watts 409RW (FxF) -OSY Model: 4000 RP (4000 RP-RS) (10 inch)
 Watts 409RW (FxF) -OSY Model: 4000 RP (4000 RP-RS) (10 inch)
 Watts Figure FBV (& FBV-E) - QT (Ames Figure FBV (FBV-E)-QT)
 Watts Figure FBV (& FBV-E) - QT (Ames Figure FBV (FBV-E)-QT) Model: 009M2QT(LF)(PC) (1 inch)
 Watts Figure FBV (& FBV-E) - QT (Ames Figure FBV (FBV-E)-QT) Model: 009M2QT(LF)(PC) (2 inch)
 Watts Figure FBV (& FBV-E) - QT (Ames Figure FBV (FBV-E)-QT) Model: 009M3-QT (LF) (3/4 inch)
 Watts Figure FBV (& FBV-E) - QT (Ames Figure FBV (FBV-E)-QT) Model: 2000B M3 (3/4 inch)
 Watts Figure FBV (& FBV-E) - QT (Ames Figure FBV (FBV-E)-QT) Model: 2001 (2001-RS) (1 inch)
 Watts Figure FBV (& FBV-E) - QT (Ames Figure FBV (FBV-E)-QT) Model: 2001 (2001-RS) (1/2 inch)
 Watts Figure FBV (& FBV-E) - QT (Ames Figure FBV (FBV-E)-QT) Model: 2001 (2001-RS) (3/4 inch)
 Watts Figure FBV (& FBV-E) - QT (Ames Figure FBV (FBV-E)-QT) Model: 4000BM3 (3/4 inch)
 Watts Figure FBV (& FBV-E) - QT (Ames Figure FBV (FBV-E)-QT) Model: 4001 (4001-RS) (1 inch)
 Watts Figure FBV (& FBV-E) - QT (Ames Figure FBV (FBV-E)-QT) Model: 4001 (4001-RS) (1/2 inch)
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Watts Figure FBV (& FBV-E) - QT (Ames Figure FBV (FBV-E)-QT) Model: 4001 (4001-RS) (3/4 inch)
Watts Figure FBV (& FBV-E) - QT (Ames Figure FBV (FBV-E)-QT) Model: SS007M3QT (1/2 inch)
Watts Figure FBV (& FBV-E) - QT (Ames Figure FBV (FBV-E)-QT) Model: SS007M3QT (3/4 inch)
Watts Figure FBV (& FBV-E) - QT (Ames Figure FBV (FBV-E)-QT) Model: SS009M3QT (1/2 inch)
Watts Figure FBV (& FBV-E) - QT (Ames Figure FBV (FBV-E)-QT) Model: SS009M3QT (1/4 inch)
Watts Figure FBV (& FBV-E) - QT (Ames Figure FBV (FBV-E)-QT) Model: SS009M3QT (3/4 inch)
Watts Figure FBV (& FBV-E) - QT (Ames Figure FBV (FBV-E)-QT) Model: SS009M3QT (3/8 inch)
Watts Figure FBV (& FBV-E) - QT (Ames Figure FBV (FBV-E)-QT) Model: U009M1QT(LF)(PC) (1-1/2 inch)
Watts Figure FBV (& FBV-E) - QT (Ames Figure FBV (FBV-E)-QT) Model: U009M1QT(LF)(PC) (1-1/4 inch)
Watts Figure FBV (& FBV-E) - QT (Ames Figure FBV (FBV-E)-QT) Model: U009M1QT(LF)(PC) (2 inch)
Watts Figure FBV (& FBV-E) - QT (Ames Figure FBV (FBV-E)-QT) Model: U919-QT (LF-U919-QT) (2 inch)
Watts Figure L-FBV-QT, Ames Figure L-FBV-QT, FEBCO Figure L-FBV-QT
Watts Figure LF-FBV-QT
Watts Figure S-FBV (S-FBV-E)-QT
Watts G4000FDA - QT
Watts Series 6080 (& 6080-E) - QT
Wilkins Model 48 (FxF) - NRS (2 1/2" - 6")
Wilkins Model 48 (FxF) - NRS (2 1/2" - 6") Post Indicator/Tapping Valve
Wilkins Model 48 (FxF) - OSY (2 1/2" - 6")
Wilkins Model 48 (GxF) - NRS (2 1/2" - 6")
Wilkins Model 48 (GxF) - NRS (2 1/2" - 6") Post Indicator/Tapping Valve
Wilkins Model 48 (GXF) - OSY (2 1/2" - 6")
Wilkins Model 48 (GXG) - NRS (2 1/2" - 6") Post Indicator/Tapping Valve
Wilkins Model 48 (GXG) - NRS (2 1/2" - 6")
Wilkins Model 48 (GXG) - OSY (2 1/2" - 6")
Wilkins Series 34-350XL -QT
Wilkins Series 34-350XL -QT



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