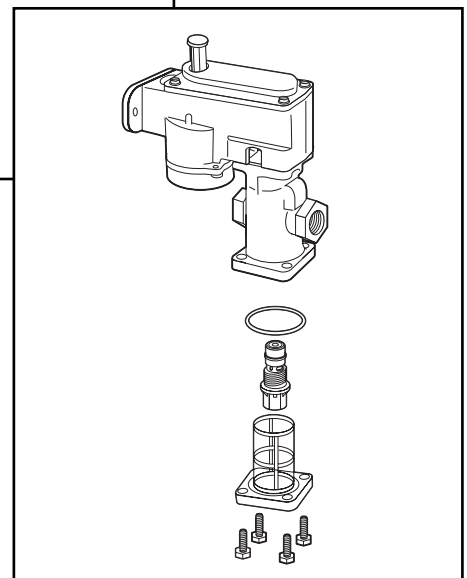
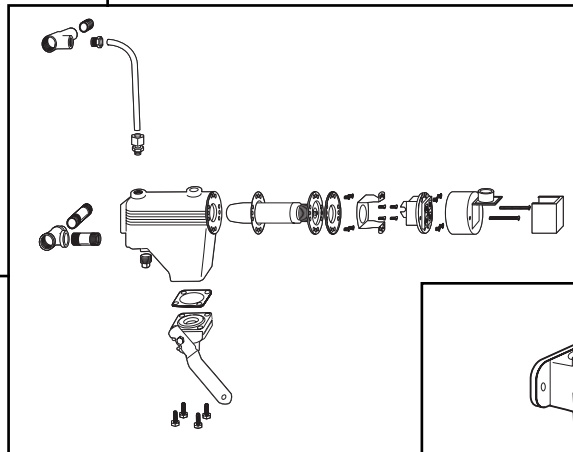
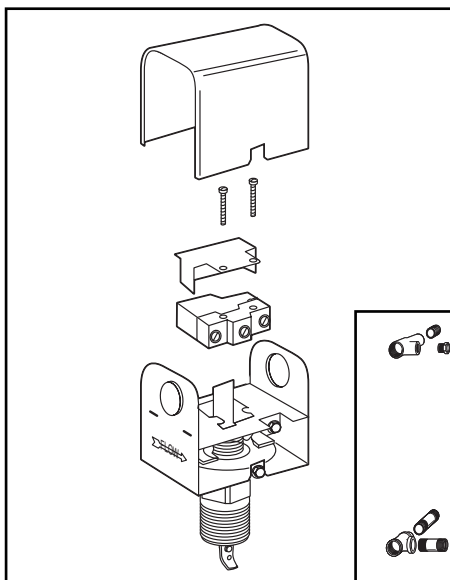




ITT

MM-718

McDonnell & Miller Residential Replacement Parts



Engineered for life

ITT McDonnell & Miller – the industry leader. Delivering reliable performance and safety in boiler and level control products for over 80 years.

Whether it's ease of serviceability, continuous improvement, product enhancements or interchangeability, ITT McDonnell & Miller is continually doing more to give you the best performing residential, commercial and industrial liquid level and flow control products found anywhere.

BOILER CONTROLS FLOW SWITCHES LIQUID LEVEL CONTROLS

**ITT McDONNELL & MILLER IS AN
INTERNATIONALLY CERTIFIED
ISO 9001**



ITT McDonnell & Miller is the recipient of the highly coveted "ISO 9001 certification. Recognized by more than 50 countries, this worldwide standard provides a uniform measure of quality procedures in manufacturing and service organizations.

Participation in the rigid and demanding ISO 9001 certification process is one of our most important activities. Our customers – both in the United States and abroad – should know that we are dedicated to designing, producing and marketing the very highest quality products available anywhere.

The ITT McDonnell & Miller web site provides 24-hour a day access to information on our products and services. Bookmark it and visit regularly to learn about new products, download installation instructions and service bulletins, order literature, find your nearest representative, or send us an e-mail.

**VISIT OUR WEB SITE
www.mcdonnellmiller.com**

FLOW SWITCH PRODUCTS

LIQUID FLOW

• General Purpose

FOR SERIES
PAGE

FS4-3



4

FS5



5

FS8-W



6

FS251



7

FS254



7

• High Sensitivity

FS1



8

FS1-W



8

FS6



9

FS6-W



9

BOILER CONTROL REPLACEMENT PARTS

LOW WATER CUT-OFFS

SERIES
PAGE

• For Hot Water Boilers Replacement Probes


**PS-850
Series**


10


RB Series


11

750 Series


11

• For Steam Boilers

67



12

WATER FEEDERS

• Electric

**Uni-Match®
WF2**


14

101-A



15

• Mechanical

47/47-2



16

GENERAL INFORMATION

Maintenance & Replacement

Interval Guidelines 18

Flow Switches – Liquid

Series FS4-3

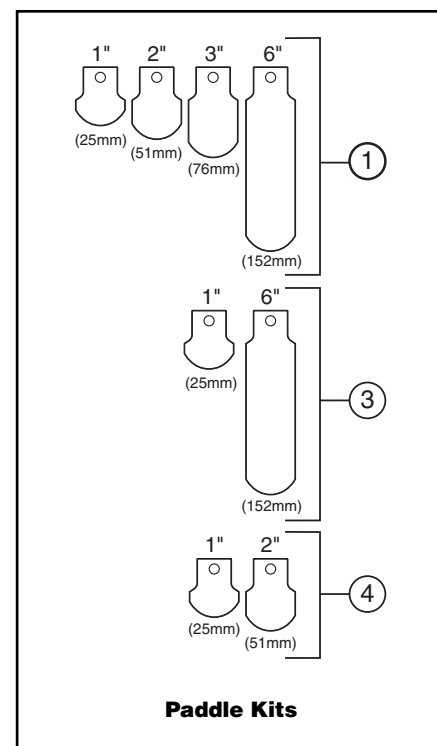
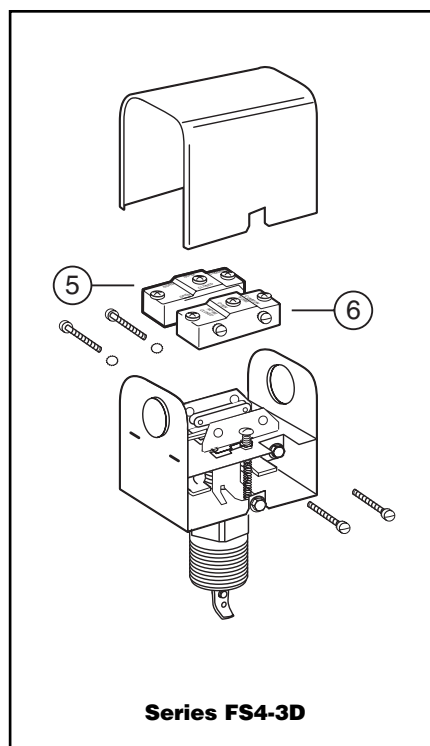
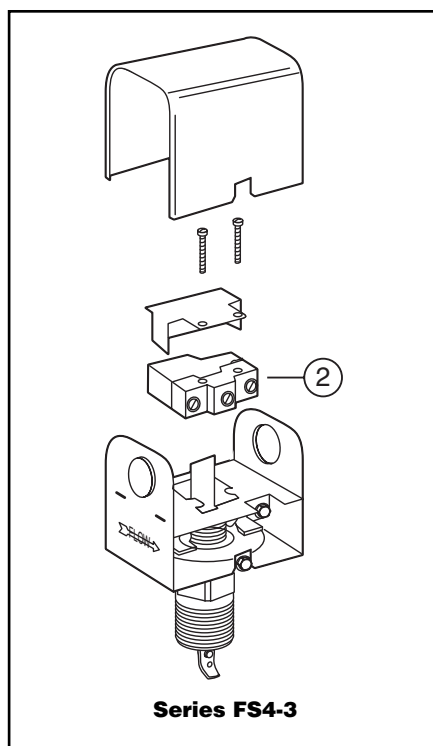
General Purpose Liquid Flow Switches

Components

For Model	Item Number	Part Number	Model Number	Description	Weight lbs. (kg)
All models (except those below)					
	1	310451	FS4-15SS	Stainless steel paddle kit	0.1 (.05)
	2	305200	FS4-33	SPDT switch	0.3 (.14)
FS4-3RP	3	336101	FS4-15RP	Stainless Steel paddle kit	0.1 (.04)
FS4-3F	4	336801	FS4-15F	Paddle kit	0.1 (.05)
FS4-3D	5	305512	FS4-3D-17	SPDT switch	0.3 (.14)
	6	304300	FS1-17	SPDT switch (next to adjustment screw)	0.3 (.14)



Note: Paddle kits include screws and washers.





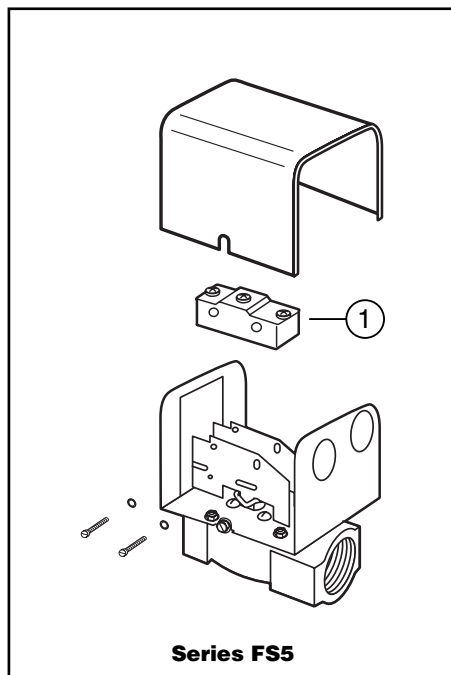
Flow Switches – Liquid

Series FS5

General Purpose Liquid Flow Switches

Components

Item Number	Part Number	Model Number	Description	Weight lbs. (kg)
1	304300	FS1-17	Switch	0.3 (.14)





Series FS8-W

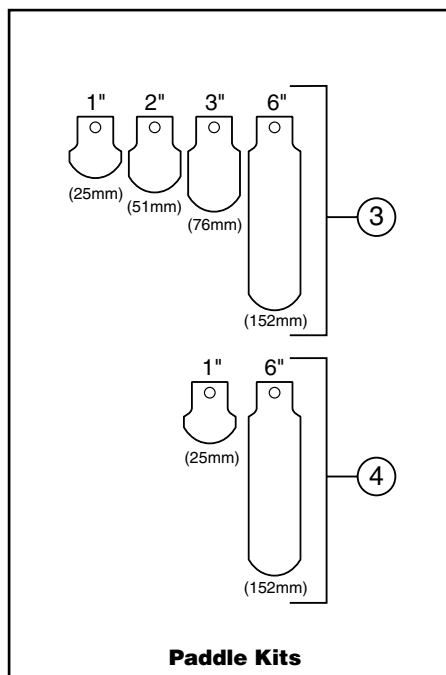
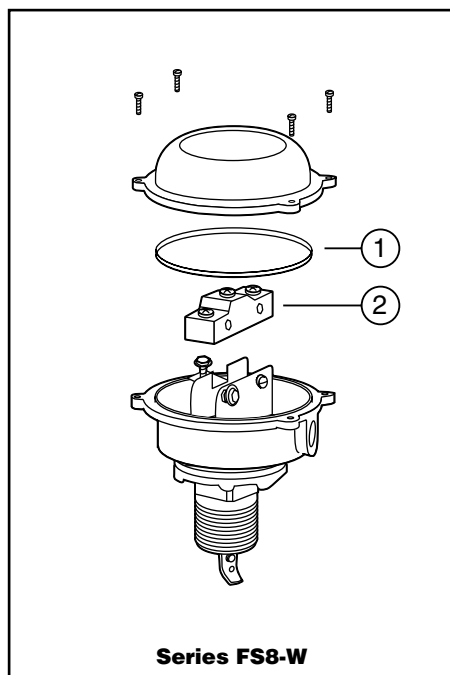
General Purpose Liquid Flow Switches

Components

Item Number	Part Number	Model Number	Description	Weight lbs. (kg)
1	307400	GSKT-FS8W	O-ring	0.1 (.05)
2	310478	FS8-33	Switch	0.3 (.14)
3	310451	FS4-15SS	Stainless steel paddle kit	0.1 (.05)
4	336101	FS4-15RP	Stainless steel paddle kit	.08 (0.4)



Note: Paddle kits include screws and washers.





Series FS250

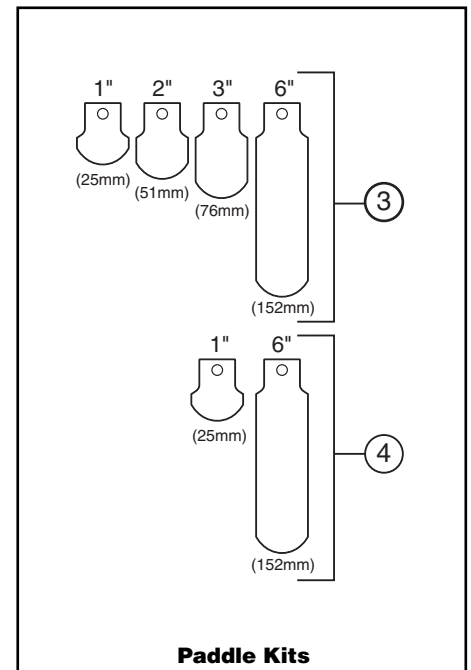
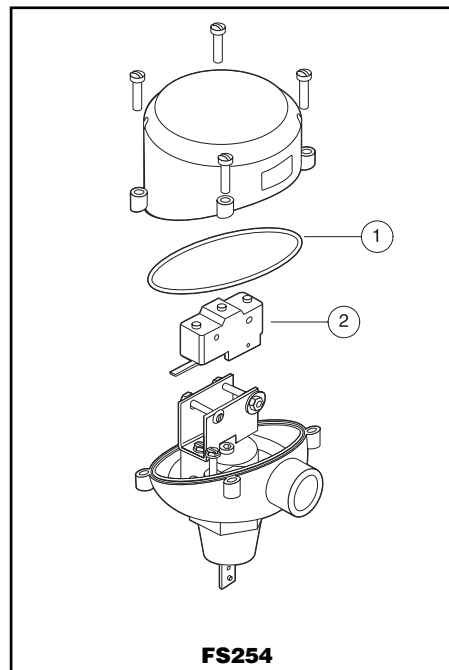
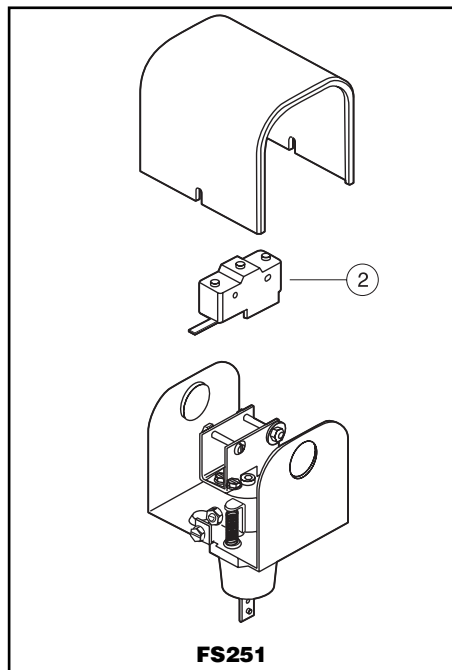
General Purpose Liquid Flow Switches

Components

Item Number	Part Number	Model Number	Description	Weight lbs. (kg)	
1	310801	GSKT-FS254	O-ring	0.1	(0.05)
2	310802	SW-FS250	Switch	0.3	(0.1)
3	310451	FS4-15SS	Stainless steel paddle kit	0.1	(0.05)
4	336101	FS4-15RP	Stainless steel paddle kit	.08	(0.4)



Note: Paddle kits include screws and washers.





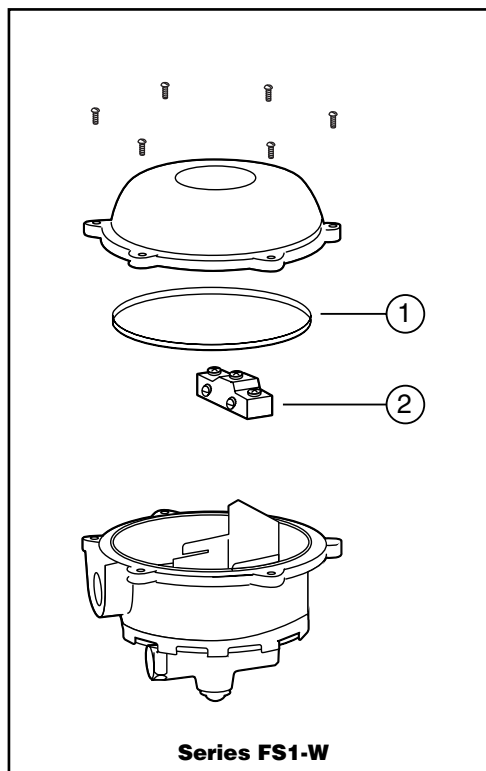
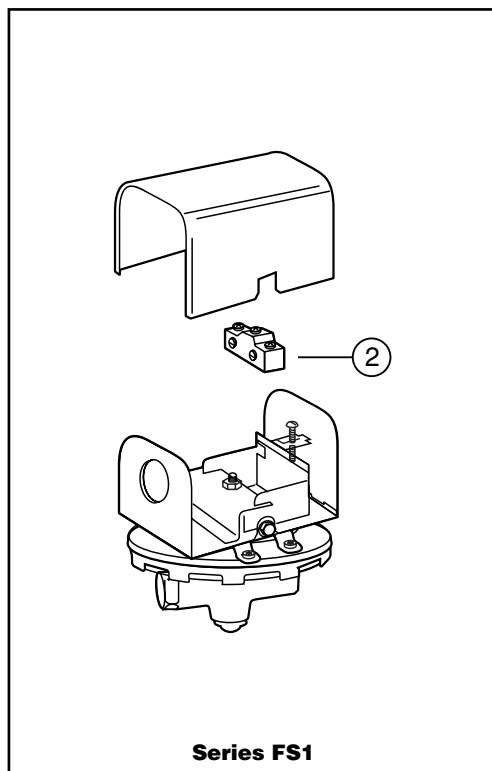
Flow Switches – Liquid

Series FS1 & FS1-W

High Sensitivity Liquid Flow Switches

Components

Item Number	Part Number	Model Number	Description	Weight lbs. (kg)
1	300311	GSKT-FS1/6W	O-ring	0.3 (.14)
2	304300	FS1-17	Switch	0.1 (.05)



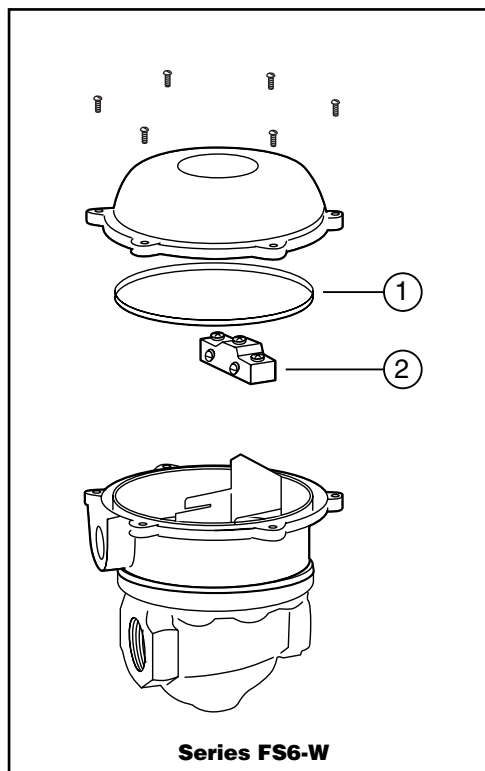
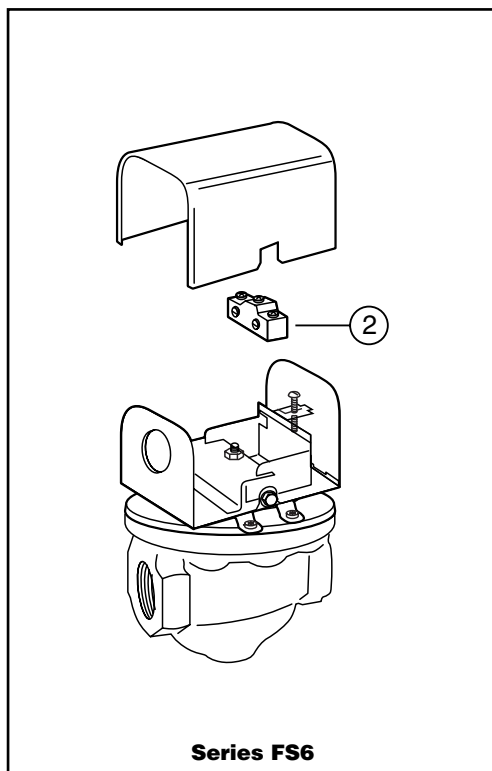


Flow Switches – Liquid

Series FS6 & FS6-W High Sensitivity Liquid Flow Switches

Components

Item Number	Part Number	Model Number	Description	Weight lbs. (kg)
1	300311	GSKT-FS1/6W	O-ring	0.1 (.05)
2	304300	FS1-17	Switch	0.3 (.14)





Replacement Probes

PA-800

For Model	Repl. Probe Model No.	Part Number	Description	Weight lbs. (kg)
-----------	-----------------------	-------------	-------------	------------------

PS-801-120	PA-800	354081	Probe	0.5 (.23)
------------	--------	--------	-------	-----------

PS-851-120				
------------	--	--	--	--

PS-802-24				
-----------	--	--	--	--

PS-852-24				
-----------	--	--	--	--

RS-1-LP				
---------	--	--	--	--

PS-851-M-120				
--------------	--	--	--	--

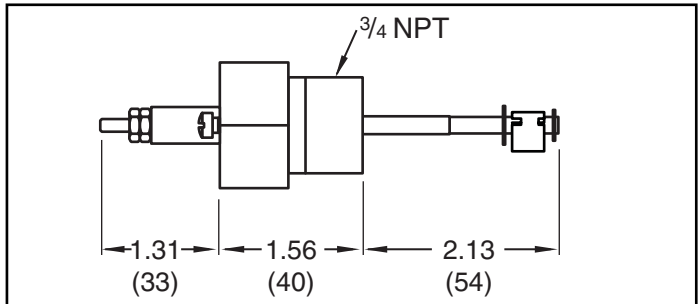
PS-852-M-24				
-------------	--	--	--	--

PS-801-M-120				
--------------	--	--	--	--

PS-802-M-24				
-------------	--	--	--	--

750P-MT-120				
-------------	--	--	--	--

Dimensions, in. (mm)



PA-800-U

For Model	Repl. Probe Model No.	Part Number	Description	Weight lbs. (kg)
-----------	-----------------------	-------------	-------------	------------------

PS-801-U-120	PA-800-U	354141	Probe	0.5 (.23)
--------------	----------	--------	-------	-----------

PS-802-U-24				
-------------	--	--	--	--

PS-851-M-U-120				
----------------	--	--	--	--

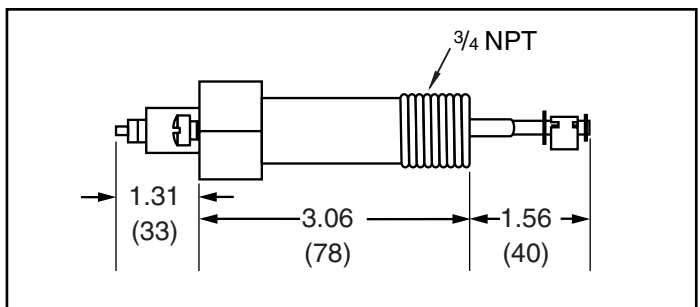
PS-851-U-120				
--------------	--	--	--	--

PS-802-M-U-24				
---------------	--	--	--	--

PS-801-M-U-120				
----------------	--	--	--	--

750P-MT-U-120				
---------------	--	--	--	--

Dimensions, in. (mm)



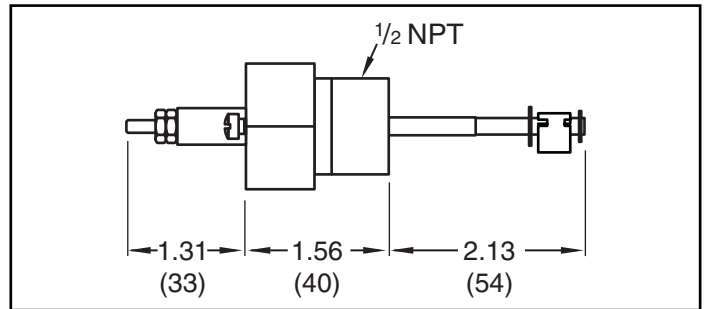


Replacement Probes

PA-800-RX2

For Model	Repl. Probe Model No.	Part Number	Description	Weight lbs. (kg)
PS-801-RX2-24	PA-800-RX2	354140	Probe	0.5 (.23)
PS-802-RX2-24				
PS-851-RX2-120				

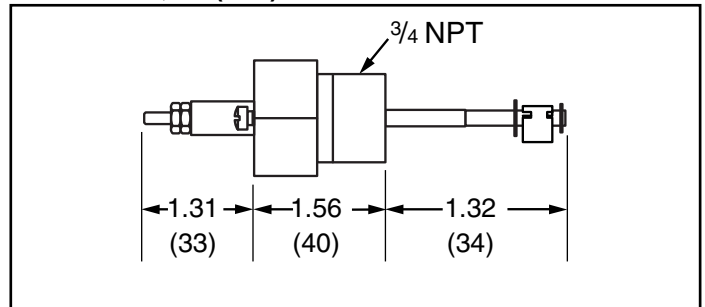
Dimensions, in. (mm)



PA-RB-122

For Model	Repl. Probe Model No.	Part Number	Description	Weight lbs. (kg)
RB-122	PA-RB-122	354083	Probe	0.5 (.23)
RS-1-LP-S				
PS-851-SP-120				
PS-852-SP-24				
RB-120				
PS-851-M-SP-120				
PS-852-M-SP-24				

Dimensions, in. (mm)



Low Water Cut-Offs – Float Type For Steam Boilers

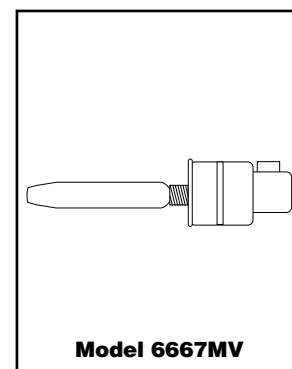
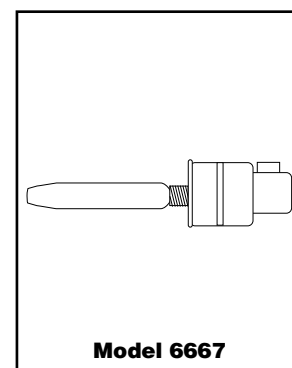
Series 67

Low Water Cut-Offs



Replacement Head Mechanisms

For Model	Repl. Head Model No.	Part Number	Description	Weight lbs. (kg)
67				
67-LQHU	6667	153825	Head mechanism	1.5 (0.7)
67-G	6667MV	153850	6667 for Millivolt service	1.5 (0.7)



Components (shown on page 11)

Item Number	Part Number	Model Number	Description	Weight lbs. (kg)
1	344100	SA66-35	Upper tube assembly	1.0 (0.5)
2	334600	MA559	Quick hook-up fittings	2.5 (1.1)
3	318800	67-12	Gasket	0.1 (.05)
4	344200	SA67-2	Float and bellows assembly	1.0 (0.5)
5	309100	11	Switch	0.5 (.23)
6	309151	11-M	Switch w/manual reset	0.5 (.23)
7	309200	11-MV	No. 11 for Millivolt service	0.5 (.23)
8	310447	14-B	Blow-down valve	0.5 (.23)
9	313200	37-39	Blow-down valve gasket	0.1 (.05)

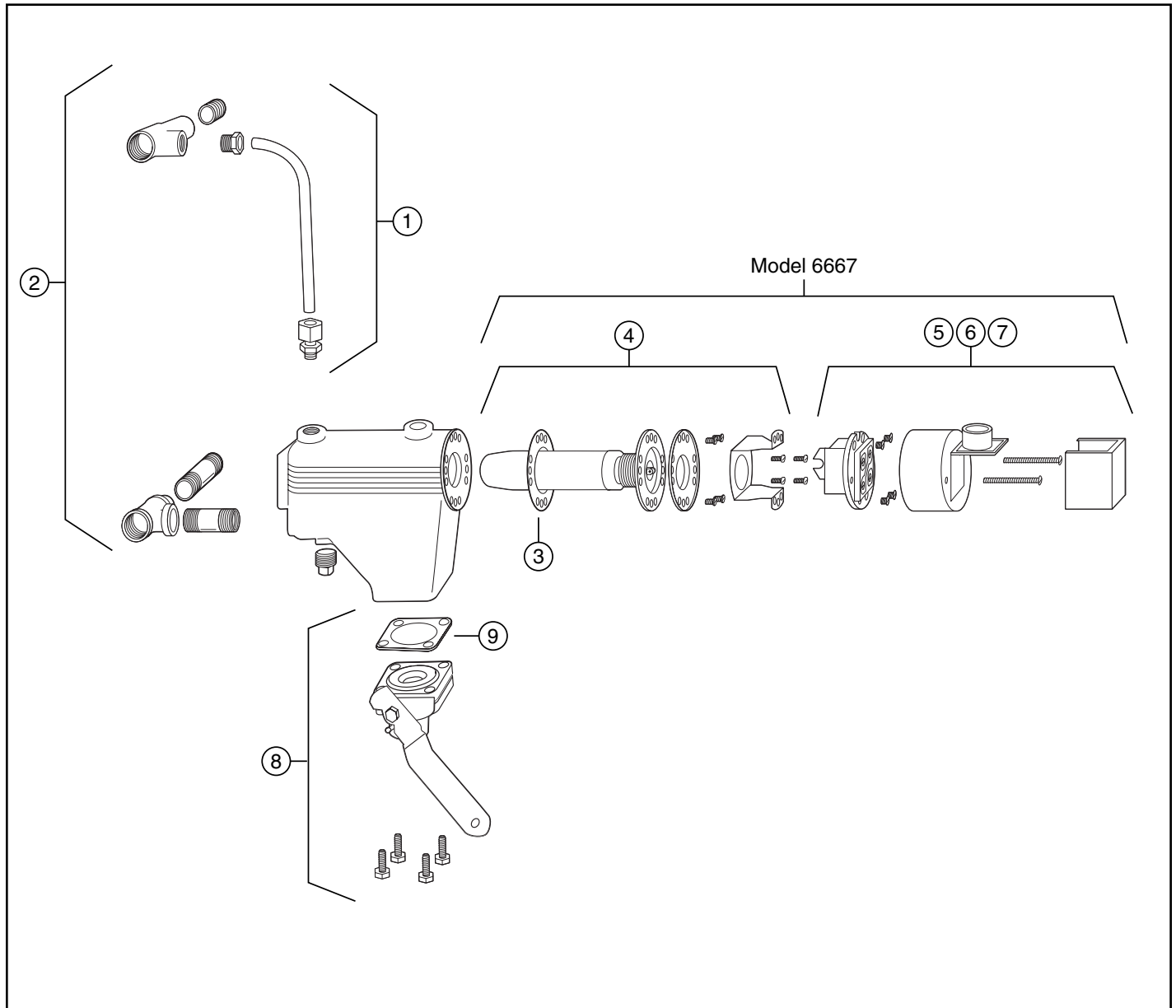


Low Water Cut-Offs – Float Type For Steam Boilers

Series 67 (continued)

Low Water Cut-Offs

Components





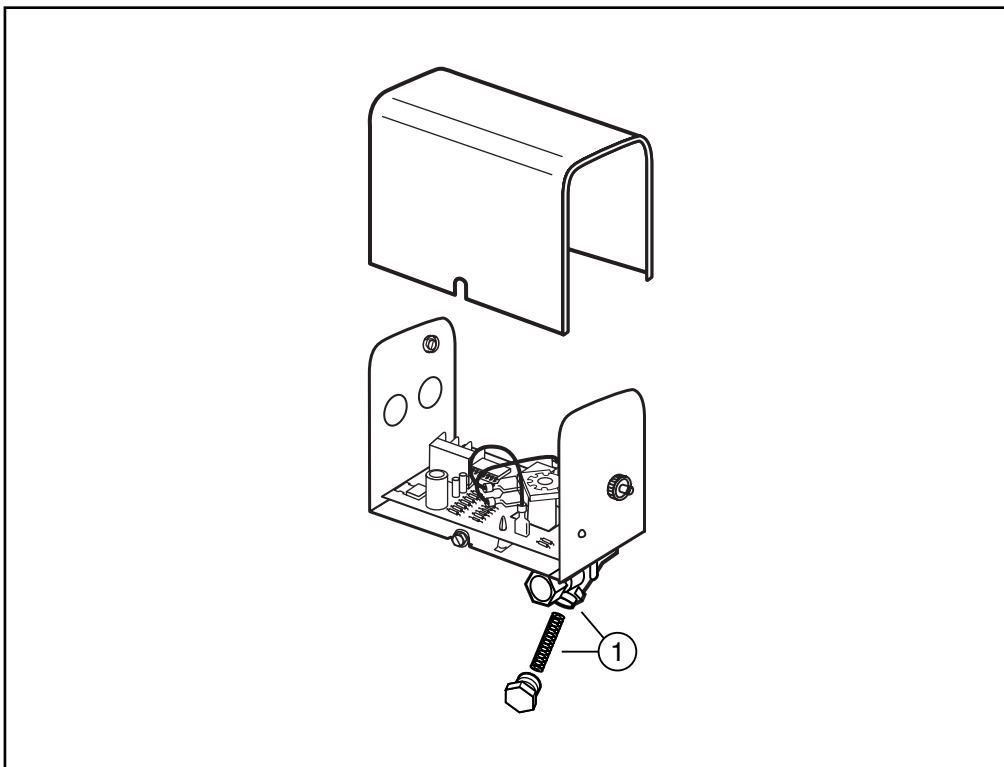
Water Feeders – Electric

Series WF2 Uni-Match® Electric Water Feeders



Components

Item Number	Part Number	Model Number	Description	Weight lbs. (kg)
1	310473	STR-WF2	Strainer/orifice kit	0.1 (.05)



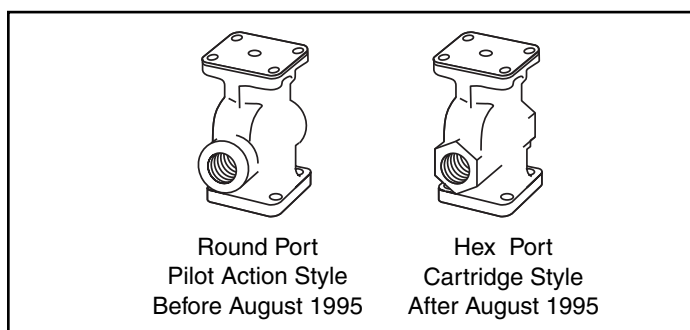
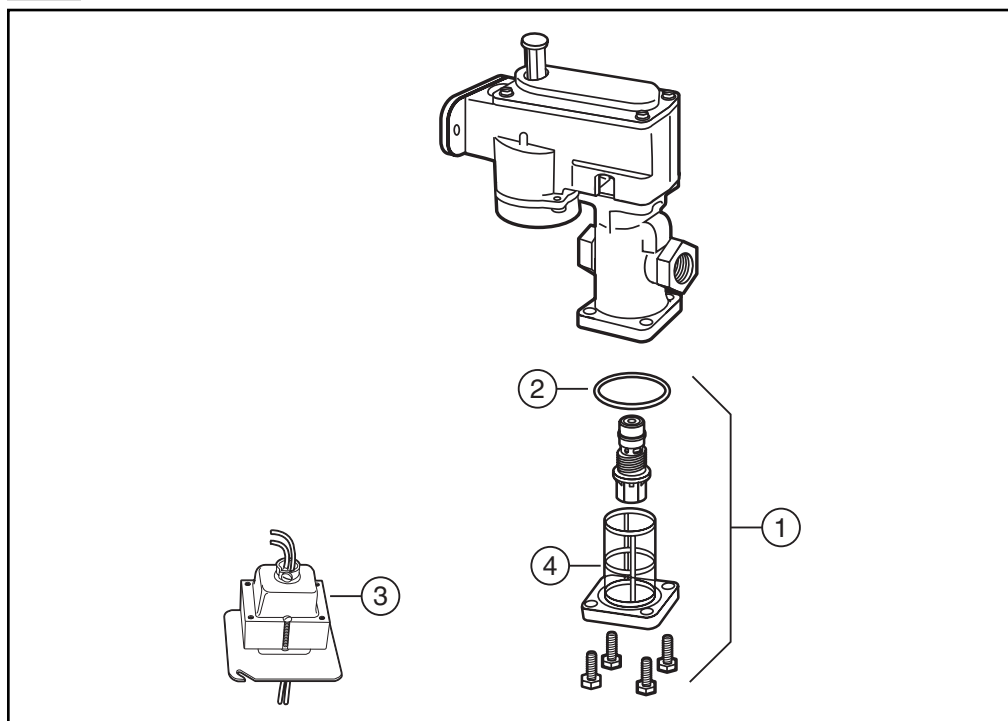


Water Feeders – Electric

Series 101-A Electric Water Feeders

Components

Item Number	Part Number	Model Number	Description	Weight lbs. (kg)
1	310453	CTRD-101	Cartridge & strainer kit	0.8 (.36)
2	324435	37-101	Tetraseal O-ring	0.1 (.05)
3	324100	101-24V-48	Transformer (24V)	3.5 (1.6)
4	347100	SA-101-38	Strainer (includes item 2)	0.7 (.32)





Combination Mechanical Water Feeder/ Low Water Cut-Offs

Series 47/47-2

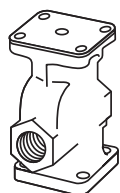
Mechanical Water Feeder/Low Water Cut-Offs

Components (shown on page 15)

Item Number	Part Number	Model Number	Description	Weight lbs. (kg)
1	310453	CTRD-101	Cartridge and strainer kit	.35 (.16)
2*	341600	SA47-101-102	Valve, cartridge & strainer assembly kit	3.0 (1.4)
3	324435	37-101	Tetraseal o-ring	0.1 (.05)
4	347100	SA101-38	Strainer for hex port valves (includes item 3)	0.7 (.32)
5	341500	SA47-4	Bellows and bracket assembly (includes item 15)	1.5 (0.7)
6	312800	37-27	Gasket	0.1 (.05)
7	302900	CO-106	Cam assembly	0.1 (.05)
8	110000	2	Switch	1.0 (0.5)
9	110100	2-M	Switch with manual reset	1.0 (0.5)
10	332800	MA-259	Quick hook-up fittings (includes item 11, 12, 13)	4.5 (2.0)
11	349400	SA159-17	Black "Y" assembly	2.3 (1.0)
12	351800	SA259-24	Upper quick hook-up fittings	1.7 (.77)
13	349500	SA159-24	Lower quick hook-up fittings	1.7 (.77)
14	340600	SA37-30	Float assembly	2.0 (0.9)
15	312700	37-26	Gasket	0.1 (.05)
16	310447	14-B	Blow-down valve (includes item 17)	1.5 (0.7)
17	313200	37-39	Blow-down valve gasket	1.0 (0.5)



Round Port
Pilot Action Style
Before August 1995



Hex Port
Cartridge Style
After August 1995

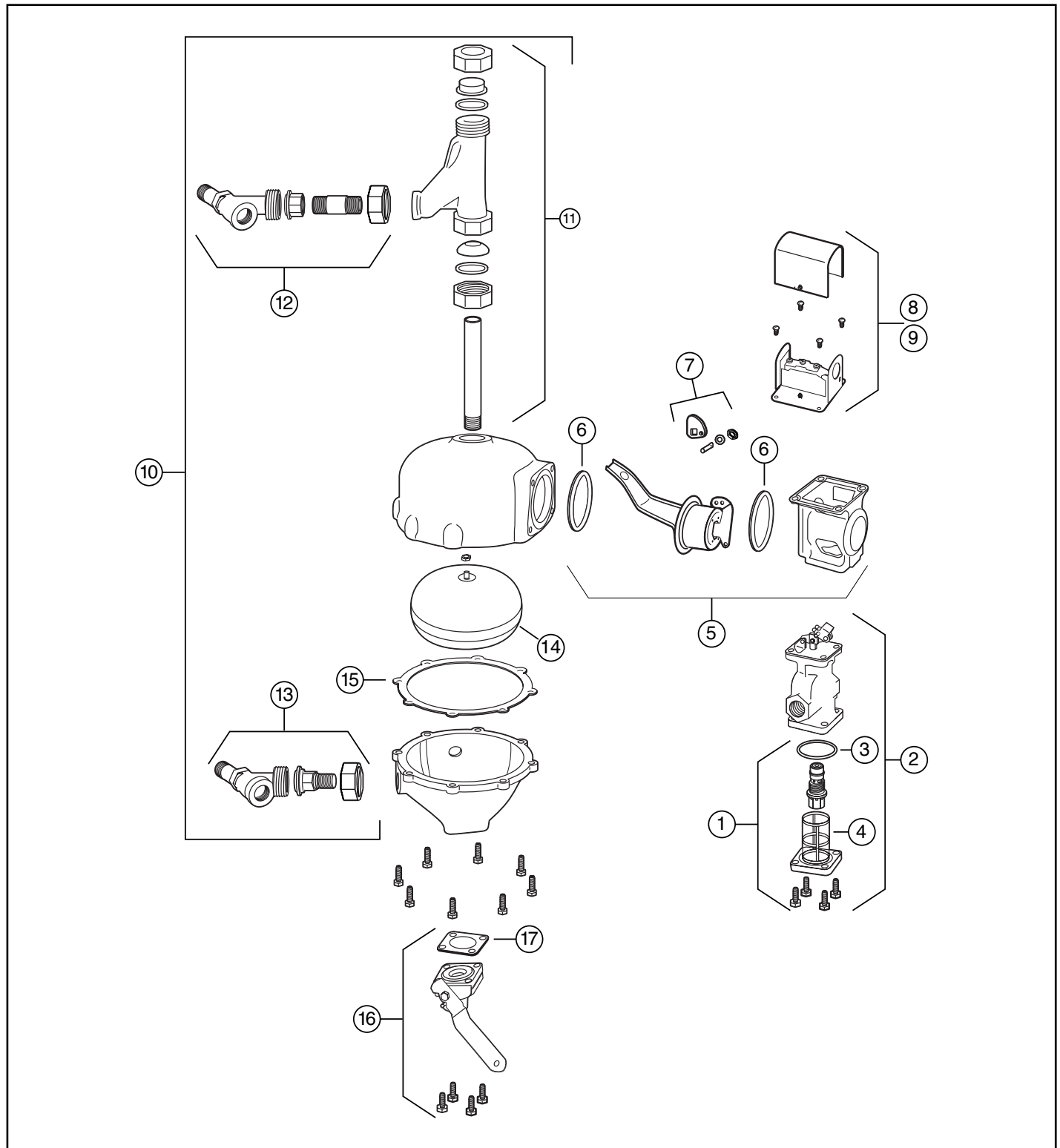
* Units manufactured prior to August 1995 have a round port pilot valve and a strainer assembly. These valve and strainer assemblies can be replaced with the current hex port cartridge valve and strainer assembly.

Combination Mechanical Water Feeder/ Low Water Cut-Offs

Series 47/47-2 (continued)

Mechanical Water Feeder/Low Water Cut-Offs

Components





IMPORTANT

- Product repairs made with non-McDonnell & Miller parts will invalidate our warranty as well as any agency recognitions. Without this recognition the product would no longer be eligible for use in listed end-use equipment.
- Previously used controls should never be installed on a new system. Always install new controls on a new boiler or system.
- A more frequent replacement interval may be necessary based on the condition of the unit at time of inspection. ITT McDonnell & Miller's warranty is one (1) year from date of installation or two (2) years from the date of manufacture.
- Use of water treatment can diminish product life. In such cases, components should be replaced on a more frequent basis.
- Visually inspect the inside of the float chamber during the annual inspection. Partial disassembly may be required.

Inspect all controls annually, and replace, repair or clean, as needed. All chambered units are to be blown down per manufacturers instructions and local code requirements. These requirements are to be determined by the local service company, and are based on water quality and system operation variables.

Refer to the installation instructions provided with the product for specific assembly and test procedures.

McDonnell & Miller products must also be maintained in accordance with the following ASME Code.

ASME Boiler and Pressure Vessel Code – Section VI Paragraph 7.07 G

Low-Water Fuel Cut-Off and Water Feeder Maintenance. Low-water fuel cut-offs and water feeders should be dismantled annually, by qualified personnel, to the extent necessary to insure freedom from obstructions and proper functioning of the working parts., Inspect connecting lines to boiler for accumulation of mud, scale, etc., and clean as required. Examine all visible wiring for brittle or worn insulation and make sure electrical contacts are clean and that they function properly. Give special atten-

tion to solder joints on bellows and float when this type of control is used. Check float for evidence of collapse and check mercury bulb (where applicable) for mercury separation or discoloration. Do not attempt to repair mechanisms in the field. Complete replacement mechanisms, including necessary gaskets and installation instructions are available from the manufacturer. After reassembly, test as per 7.05H.

ITT McDonnell & Miller controls manufactured after 1972 feature a stamped date code, so you can easily check the life expectancy and recommended replacement intervals. **If a control has no date stamp or does not have the ITT logo on it – replace it!**

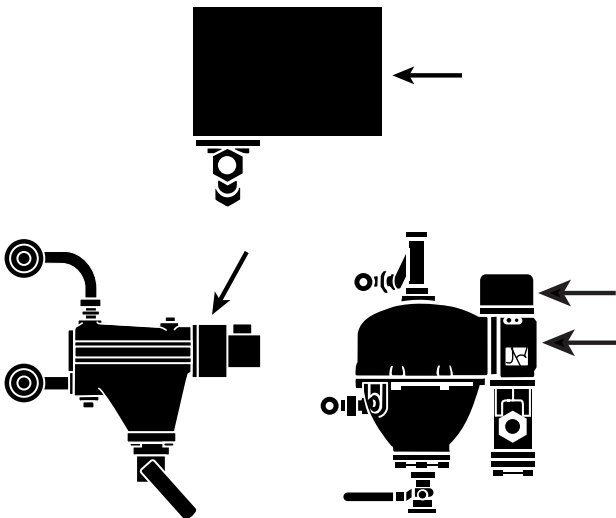
See the chart (next page) for more specific information on maintenance and replacement intervals. Below are guides to help you quickly locate and translate the date code on McDonnell & Miller controls.

WHERE TO FIND



McDonnell & Miller

DATE CODES



McDonnell & Miller

Product Date Code Translation

Month	Year	Example
A = January	W = 1979	K09 Translates to October 1990
B = February	X = 1980	
C = March	Y = 1981	
	Z = 1982	
D = April	38 = 1983	
	48 = 1984	
E = May	58 = 1985	
	68 = 1986	
F = June	78 = 1987	
	88 = 1988	
G = July	98 = 1989	Beginning 1996 the year is no longer reversed. 96K Translates to October 1996
H = August	09 = 1990	
	19 = 1991	
J = September	29 = 1992	
	39 = 1993	
K = October	49 = 1994	
	59 = 1995	
L = November	96 = 1996	
	97 = 1997	
M = December	98 = 1998	
	99 = 1999	
	00 = 2000	
	01 = 2001	
	02 = 2002	
	03 = 2003	
	04 = 2004	
	05 = 2005	
	06 = 2006	
	07 = 2007	
	08 = 2008	
	09 = 2009	

Recommended Replacement Intervals

Product	Series	Recommended Maintenance	Recommended Replacement Interval (Maximum)
Low Water Cut-Offs	150, 157, 158, 159, 150S, 157S, 158S, 159S	Blow down and test daily inspect annually.	15 years
	69, 169, 269, 369, 469	Inspect and test annually.	10 years
	67, 767 70, 70-B	Blow down weekly. Inspect and test annually.	10 years
	61, 63, 64, 764	Blow down weekly. Inspect and test annually.	10 years
	42	Blow down daily. Inspect and test annually.	10 years
	93, 94, 193, 194	Blow down and test daily. Inspect and test annually.	15 years
	750, PS-800, PA-850, 900, RB-120	Inspect and test annually.	15 years
	RB-24	Inspect and test annually.	10 years
Water Feeders	WF2/Uni-Match®	Inspect and test annually. Replace filter annually.	10 years
	101-A	Inspect, test, and replace cartridge valve annually.	10 years
	21, 221, 25-A, 53, 551-S, 847, 3155	Inspect and test annually.	15 years
	47, 51, 53, 247	Blow down weekly. Inspect and replace cartridge valve annually.	10 years
Liquid Level Controls	LPC-2000, PS-850, PCH PCL, PFC, VFC, VFS	Inspect and test annually.	15 years
	18, 18-SS, 27-W	Inspect and test annually.	5 years
Replacement Blow Down Valves	14-B	Inspect and test annually.	10 years
	14	Replace with 14-B blow down valve.	3 years
Replacement Probes	750, PS-800, PS-850, 900, RB-120, PCH, PCL	Inspect annually.	10 years
Replacement Head Mechanisms for Commercial/Industrial Applications	25-A, 42, 51, 51-S, 53, 61, 63, 64, 67, 70, 93 94, 150, 150S, 157, 157S, 193, 194	Inspect and test annually.	5 years

Notes

[illegible]



ITT

MCDONNELL & MILLER PRODUCTS

Stocked ... Sold ... Serviced EVERYWHERE!

FOR MORE DETAILS CALL YOUR LOCAL MCDONNELL & MILLER REPRESENTATIVE

ALABAMA

Mangham & Associates, Inc.
Irontale (Birmingham)
Phone: 205/956-2362

ALASKA

Columbia Hydronics Co.
Anchorage
Phone: 907/563-3327
907/563-3337

ARIZONA

J & B Sales Company
Phoenix
Phone: 602/258-1545

ARKANSAS

Johnson & Scott, Inc.
Little Rock
Phone: 501/803-9520
Hydronic Technology Inc.
Shreveport, LA
Phone: 318/797-1500
Boone & Boone Sales Co., Inc.
Tulsa, OK
Phone: 918/664-9756

CALIFORNIA

California Hydronics Corp.
Hayward (San Francisco)
Phone: 510/293-1993
Rocklin (Sacramento)
Phone: 510/293-1993
San Jose
Phone: 408/295-5874
Dawson Co.
Altadena (Los Angeles)
Phone: 626/797-9710
San Diego
Phone: 858/541-7867

COLORADO

McNevin Company
Aurora (Denver)
Phone: 303/322-0165

CONNECTICUT

F.I.A., Inc.
Middleton
Phone: 781-938-8900
Woburn (Boston) MA
Phone: 781/938-8900

DELAWARE

R. D. Bitzer Co., Inc.
Bensalem, PA
Phone: 215/604-6600
Cummins-Wagner Co., Inc.
Annapolis Junction, MD
Phone: 800/966-1277
301/490-9007

FLORIDA

George A. Israel Jr., Inc.
Jacksonville
Phone: 904/355-7867
Miami
Phone: 305/592-5343
Orlando
Phone: 407/423-5078
Tampa
Phone: 813/839-2161
79 Holly Circle
Tequesta, FL 33469
Phone: 561/248-3556

GEORGIA

James M. Pleasants Co., Inc.
Duluth
Phone: 678/507-1091
Norcross
Phone: 800/522-1861
678/507-1091
George A. Israel Jr., Inc.
Jacksonville, FL
Phone: 904/355-7867

HAWAII

CBC Inc.
Kailua
Phone: 808/263-8838

IDAHO

Gritton & Associates, Inc.
Salt Lake City, UT
Phone: 801/486-0767
Columbia Hydronics Co.
Boise
Phone: 208/345-2744

ILLINOIS

Bornquist, Inc.
Chicago
Phone: 773/774-2800
Blackmore & Glunt, Inc.
Maryland Hgts. (St. Louis) MO
Phone: 314/878-4313
Sandberg Co., Inc.
East Moline
Phone: 309/796-2371
Hydronic & Steam Equip. Co., Inc.
Indianapolis, IN
Phone: 800/669-4926
317/577-8326

INDIANA

Hydronic & Steam Equip. Co., Inc.
Indianapolis
Phone: 800/669-4926
317/577-8326
Evansville
Phone: 800/473-2753
812/473-0330
Ft. Wayne
Phone: 260/489-5785
South Bend
Phone: 800/932-6490
574/234-6005

IRVING

Bornquist, Inc.
Chicago, IL
Phone: 773/774-2800
Blackmore & Glunt, Inc.
Cincinnati, OH
Phone: 513/489-5225

IOWA

Products, Inc.
Des Moines
Phone: 515/288-5738
Sandberg Co., Inc.
East Moline, IL
Phone: 309/796-2371
Verne Simmonds Co.
Omaha, NE
Phone: 402/592-3131

KANSAS

Blackmore & Glunt, Inc.
Lenexa (Kansas City)
Phone: 913/469-5715

KENTUCKY

Blackmore & Glunt, Inc.
Cincinnati, OH
Phone: 513/489-5225
Hydronic & Steam Equip. Co., Inc.
Evansville, IN
Phone: 800/473-2753
812/473-0330
Johnson & Scott, Inc.
Nashville, TN
Phone: 615/254-5454

LOUISIANA

Hydronic Technology Inc.
New Orleans
Phone: 800/365-6746
504/827-1163
Shreveport
Phone: 800/673-5737
318/797-1500

MAINE

F.I.A., Inc.
Woburn (Boston) MA
Phone: 781/938-8900

MARYLAND

Cummins-Wagner Co., Inc.
Annapolis Junction
Phone: 800/966-1277
301/490-9007
ThermoFlo Equipment Co., Inc.
Pittsburgh, PA
Phone: 412/366-2012

MASSACHUSETTS

F.I.A., Inc.
Woburn (Boston)
Phone: 781/938-8900

MICHIGAN

R. L. Deppmann Co.
Southfield (Detroit)
Phone: 248/354-3710
Grand Rapids
Phone: 616/656-0821
Bridgeport
Phone: 989/652-3049
Hydro-Flo Products, Inc.
Brookfield (Milwaukee), WI
Phone: 262/781-2810

MINNESOTA

Mulcahy Company
Eagan
Phone: 651/686-8580

MISSISSIPPI

Hydronic Technology Inc.
New Orleans, LA
Phone: 800/365-6746
504/827-1163
Johnson & Scott, Inc.
Little Rock, AR
Phone: 501/803-9520

MISSOURI

Blackmore & Glunt, Inc.
Lenexa (Kansas City) KS
Phone: 913/469-5715
Maryland Hgts. (St. Louis)
Phone: 314/878-4313

MONTANA

Columbia Hydronics Co.
Spokane, WA
Phone: 509/242-1118

NEBRASKA

Verne Simmonds Co.
Omaha
Phone: 402/592-3131

NEVADA

California Hydronics Corp.
Rocklin, CA (Northwest NV)
Phone: 510/293-1993
Gritton & Associates, Inc.
Salt Lake City, UT
Phone: 801/486-0767

NEW HAMPSHIRE

F.I.A., Inc.
Woburn (Boston) MA
Phone: 781/938-8900

NEW JERSEY

Wallace-Eannace Assoc., Inc.
Franklin Lakes
Phone: 201/891-9550
R. D. Bitzer Co., Inc.
Bensalem, PA
Phone: 215/604-6600

NEW MEXICO

Boyd Engineering Co., Inc.
Albuquerque
Phone: 505/275-1250

NEW YORK

Wallace-Eannace Assoc., Inc.
Plainview (NYC)
Phone: 516/454-9300
Frank P. Langley Co., Inc.
E. Rochester
Phone: 585/248-5010
Amherst (Buffalo)
Phone: 716/691-7575
Johnson City
Phone: 607/766-9950
Albany
Phone: 518/459-1060
Syracuse Thermal Products, Inc.
East Syracuse
Phone: 315/437-7321

NORTH CAROLINA

James M. Pleasants Co., Inc.
Greensboro
Phone: 800/365-9010
336/378-9911
Charlotte
Phone: 704/545-0145
Raleigh
Phone: 919/845-1960
Wilmington
Phone: 910/794-5447

NORTH DAKOTA

Mulcahy Company
Eagan, MN
Phone: 651/686-8580
OHIO
Blackmore & Glunt, Inc.
Cincinnati
Phone: 513/489-5225
R. L. Deppmann Co.
Richfield
Phone: 330/468-1102

OHIO

Blackmore & Glunt, Inc.
Cincinnati
Phone: 513/489-5225
R. L. Deppmann Co.
Richfield
Phone: 330/468-1102

OHIO (Cont'd.)

Steffens-Shultz, Inc.
Columbus
Phone: 614/274-5515
Dayton, Ohio
Phone: 937/454-4980
ThermoFlo Equipment Co., Inc.
Pittsburgh, PA
Phone: 412/366-2012

OKLAHOMA

Boone & Boone Sales Co., Inc.
Oklahoma City
Phone: 405/525-7475
Tulsa
Phone: 918/664-9756

OREGON

Columbia Hydronics Co.
Vancouver, WA
Phone: 360/883-2600

PENNSYLVANIA

R. D. Bitzer Co., Inc.
Bensalem
Phone: 215/604-6600
ThermoFlo Equipment Co., Inc.
Pittsburgh
Phone: 412/366-2012
Frank P. Langley Co., Inc.
Amherst (Buffalo) NY
Phone: 716/691-7575

RHODE ISLAND

F.I.A., Inc.
Woburn (Boston) MA
Phone: 781/938-8900

SOUTH CAROLINA

James M. Pleasants Co., Inc.
Greensboro, NC
Phone: 800/365-9010
336/378-9911
Columbia
Phone: 803/798-1405
Greenville
Phone: 864/232-0200

SOUTH DAKOTA

Mulcahy Company
Eagan, MN
Phone: 651/686-8580
Verne Simmonds Co.
Omaha, NE
Phone: 402/592-3131

TENNESSEE

Johnson & Scott, Inc.
Nashville
Phone: 615/254-5454
Cordova (Memphis)
Phone: 901/388-2919
James M. Pleasants Co., Inc.
Greensboro, NC
Phone: 800/365-9010
336/378-9911
Knoxville
Phone: 865/584-5054

TEXAS

Boyd Engineering Co., Inc.
Albuquerque, NM
Phone: 505/275-1250
Oslin Nation Co.
Dallas
Phone: 214/631-5650
Ft. Worth
Phone: 817/590-2500

TEXAS (Cont'd.)

Oslin Nation Co. (Cont'd)
Houston
Phone: 713/699-3500
San Antonio
Phone: 800/243-7756
210/342-5544

UTAH

Gritton & Associates, Inc.
Salt Lake City
Phone: 801/486-0767

VERMONT

F.I.A., Inc.
Woburn (Boston) MA
Phone: 781/938-8900

VIRGINIA

TLA, Inc.
Richmond
Phone: 804/321-4444
Virginia Beach
Phone: 757/497-3567
Cummins-Wagner Co., Inc.
Annapolis Junction, MD
Phone: 800/966-1277
301/490-9007

WASHINGTON

Columbia Hydronics Co.
Renton
Phone: 425/271-5870
Spokane
Phone: 509/242-1118
Vancouver
Phone: 360/883-2600

WASHINGTON, DC

Cummins-Wagner Co., Inc.
Annapolis Junction, MD
Phone: 800/966-1277
301/490-9007

WEST VIRGINIA

Blackmore & Glunt, Inc.
Cincinnati, OH
Phone: 513/489-5225
TLA, Inc.
Richmond, VA
Phone: 804/321-4444
ThermoFlo Equipment Co., Inc.
Pittsburgh, PA
Phone: 412/366-2012

WISCONSIN

Hydro-Flo Products, Inc.
Brookfield (Milwaukee)
Phone: 262/781-2810
Mulcahy Company
Eagan, MN
Phone: 651/686-8580

WYOMING

Gritton & Associates, Inc.
Salt Lake City, UT
Phone: 801/486-0767
J. E. McNevin Co.
Aurora (Denver), CO
Phone: 303/322-0165

INTERNATIONAL:

Visit our website or contact
our office at the address
shown below.

© COPYRIGHT 2007 BY
ITT CORPORATION
PRINTED IN U.S.A. 12-07

THE ITT ENGINEERED BLOCKS SYMBOL AND
ENGINEERED FOR LIFE ARE REGISTERED
TRADEMARKS OF ITT CORPORATION

ITT

8200 N. Austin Avenue
Morton Grove, IL 60053
Phone: (847) 966-3700
Fax: (847) 966-9052
www.mcdonnellmiller.com

