

SPECIFICATIONS

F76S:

Models:

Water filters with 100 micron screens and hose connections. F76S1007: 1/2 in. sweat and NPT threaded tailpieces.
 F76S1015: 3/4 in. sweat and NPT threaded tailpieces.
 F76S1023: 1 in. sweat and NPT threaded tailpieces.
 F76S1031: 1 1/4 in. sweat and NPT threaded tailpieces.
 F76S1049: 1 1/2 in. NPT threaded tailpieces.
 F76S1056: 2 in. NPT threaded tailpieces.

Dimensions: See Fig. 1.

Materials of Construction:

Body: Brass.
 Screen: Stainless Steel.
 Internal Construction: Acetal Copolymer.
 Seals: NBR.
 Ball Valve: Brass with PTFE Seals.
 Sump: Engineered Plastic.

NOTE: Bronze sump available.

Inlet Pressure:

Minimum: 22 psi (with unrestricted backwash discharge).

Maximum:

Plastic Sump: 232 psi.
 Bronze Sump: 400 psi.

NOTE: Pressures above 200 psi require an inlet pressure gauge with a range wider than the standard.

Differential: Maximum Recommended: 42 psi.

Operating Pressure Drop: Maximum Recommended: 3 psi (with clean screen).

Temperature (maximum):

Plastic Sump: 104°F (40°C).
 Bronze Sump: 158°F (70°C).

Pipe Sizes (in in.): 1/2, 3/4, 1, 1 1/4, 1 1/2, and 2.

Connections: Union on inlet and outlet: External NPT threaded or sweat.

Capacity: See Table 1.

Screen Sizes:

Shipped with Device: 100 microns.
 Available Kits: 20, 50, and 200 microns.

MV876 Automatic-Backwash Controls:

MV876B1018: Bayonet mounted shaft of 24 Vac motor and timer replaces ball valve manual control for automatic backwash at preprogrammed intervals. 24V transformer not included. For use with F76S Filters only.

Specifications:

Power: 4 VA.
 Current: 170 mA.
 Voltage: 24 Vac.
 Cycle time: 20 seconds (approximate).
 Timer: Variable. See Table 2.

Accessories (for F76S only except where noted):

0900747 Sump O-Ring Kit (10 O-Rings) for 1/2 to 1 1/4 in. F76S.
 0900748 Sump O-Ring Kit (10 O-Rings) for 1 1/2 to 2 in. F76S.
 0901444 Gasket Package (10 gaskets) for any 1/2 in. and 3/4 in. F76.
 0901445 Gasket Package (10 gaskets) for any 1 in. F76.
 0901446 Gasket Package (10 gaskets) for any 1 1/4 in. F76.
 0901447 Gasket Package (10 gaskets) for any 1 1/2 in. F76.
 0901448 Gasket Package (10 gaskets) for any 2 in. F76.
 AF11DS-1/2A Double-Spin Screen insert (100 microns) for 1/2 to 3/4 in. F76S.
 AF11DS-1A Double-Spin Screen insert (100 microns) for 1 to 1 1/4 in. F76S.
 AF11DS-1/2B Double-Spin Screen insert (20 microns) for 1/2 to 3/4 in. F76S.
 AF11DS-1B Double-Spin Screen insert (20 microns) for 1 to 1 1/4 in. F76S.
 AF11DS-1/2C Double-Spin Screen insert (50 microns) for 1/2 to 3/4 in. F76S.
 AF11DS-1C Double-Spin Screen insert (50 microns) for 1 to 1 1/4 in. F76S.
 AF11DS-1/2D Double-Spin Screen insert (200 microns) for 1/2 to 3/4 in. F76S.
 AF11DS-1D Double-Spin Screen insert (20 microns) for 1 to 1 1/4 in. F76S.
 AF11S-1/2A Screen insert (100 microns) for 1/2 to 3/4 in. F76S.
 AF11S-1A Screen insert (100 microns) for 1 to 1 1/4 in. F76S.
 AF11S-1/2B Screen insert (20 microns) for 1/2 to 3/4 in. F76S.
 AF11S-1B Screen insert (20 microns) for 1 to 1 1/4 in. F76S.
 AF11S-1/2C Screen insert (50 microns) for 1/2 to 3/4 in. F76S.
 AF11S-1C Screen insert (50 microns) for 1 to 1 1/4 in. F76S.
 AF11S-1/2D Screen insert (200 microns) for 1/2 to 3/4 in. F76S.
 AF11S-1D Screen insert (20 microns) for 1 to 1 1/4 in. F76S.
 AF11S-11/2A Screen insert (100 microns) for 1 1/2 to 2 in. F76S.
 AF11S-11/2B Screen insert (20 microns) for 1 1/2 to 2 in. F76S.
 AF11S-11/2C Screen insert (50 microns) for 1 1/2 to 2 in. F76S.
 AF11S-11/2d Screen insert (200 microns) for 1 1/2 to 2 in. F76S.
 KF11S-1A Clear Plastic Filter Sump Kit for 1/2 to 1 1/4 in. F76S.
 KF11S-11/2A Clear Plastic Filter Sump Kit for 1 1/2 to 2 in. F76S.
 FT09RS-1A Bronze Filter Sump Kit for 1/2 to 1 1/4 in. F76S.
 FT09RS-11/2A Bronze Filter Sump Kit for 1 1/2 to 2 in. F76S.
 KH11S-1A Ball Valve Assembly for 1/2 to 2 in. F76S.
 M76K-200 Pressure Gauge, 200 psj maximum.
 M76K-400 Pressure Gauge, 400 psi maximum.
 U76S5007 Sweat Tailpiece for any 1/2 in. F76.
 U76S5015 Sweat Tailpiece for any 3/4 in. F76.
 U76S5023 Sweat Tailpiece for any 1 in. F76.
 U76S5031 Sweat Tailpiece for any 1 1/4 in. F76.
 U76S5039 Sweat Tailpiece for any 1 1/2 in. F76.
 U76S5047 Sweat Tailpiece for any 2 in. F76.

F76S REPLACEMENT PARTS LIST (SEE FIG. 13)

PARTS AND ACCESSORIES FOR NEW STYLE F76S FILTERS:

Description	1/2 inch	3/4 inch	1 inch	1-1/4 inch	1-1/2 inch	2 inch
(A) Pressure Gauge (new style F76S only) Standard Pressure (230 psi) High Pressure (400 psi)	M76K-200 M76K-400	M76K-200 M76K-400	M76K-200 M76K-400	M76K-200 M76K-400	M76K-200 M76K-400	M76K-200 M76K-400
(B) Tailpieces (same for new and old style) Sweat Threaded (shown)	U76S5007 U76T1004	U76S5015 U76T1014	U76S5023 U76T1022	U76S5031 U76T1030	U76S5039 U76T1038	U76S5047 U76T1046
(C) Union Nuts	N/A	N/A	N/A	N/A	N/A	N/A
(D) Tailpiece Gaskets (sold in packs of 10)	0901444	0901444	0901445	0901446	0901447	0901448
(E) Guide Barrel	N/A	N/A	N/A	N/A	N/A	N/A
Screen Insert Complete (new style only) With Double Spin Includes: 20 Micron (F), (G), (J) 50 Micron 100 Micron 200 Micron	1/2 inch AF11DS-1B AF11DS-1C AF11DS-1A AF11DS-1D	3/4 inch AF11DS-1B AF11DS-1C AF11DS-1A AF11DS-1D	1 inch AF11DS-1B AF11DS-1C AF11DS-1A AF11DS-1D	1-1/4 inch AF11DS-1B AF11DS-1C AF11DS-1A AF11DS-1D	1-1/2 inch	2 inch
Without Double Spin Includes: 20 Micron (F), (G), (J) 50 Micron 100 Micron 200 Micron	1/2 inch AF11S-1B AF11S-1C AF11S-1A AF11S-1D	3/4 inch AF11S-1B AF11S-1C AF11S-1A AF11S-1D	1 inch AF11S-1B AF11S-1C AF11S-1A AF11S-1D	1-1/4 inch AF11S-1B AF11S-1C AF11S-1A AF11S-1D	1-1/2 inch AF11S-11/2B AF11S-11/2C AF11S-11/2A AF11S-11/2D	2 inch AF11S-11/2B AF11S-11/2C AF11S-11/2A AF11S-11/2D
(H) Base Spring	N/A	N/A	N/A	N/A	N/A	N/A
(J) Chamber O Ring (sold in packs of 10)	0900747	0900747	0900747	0900747	0900748	0900748
Filter Sump Kits (new style only) Clear Plastic Bronze Includes: (J) Chamber O-Ring (K) Sump (L) Ball Valve O-Ring (M) Integrated Ball Valve (N) Memory Ring (P) Ball Valve Bowl (Q) Ball Valve Knob (R) Joint Ring Seal (S) Drain Connector	KF11S-1A FT09RS-1A	KF11S-1A FT09RS-1A	KF11S-1A FT09RS-1A	KF11S-1A FT09RS-1A	KF11S-112A FT09RS-112A	KF11S-112A FT09RS-112A
Ball Valve Assembly (new style only) Includes: (M) Ball Valve (L) Ball Valve O-Ring	KH11S-1A	KH11S-1A	KH11S-1A	KH11S-1A	KH11S-1A	KH11S-1A
Sump Wrench	ZR10K-34	ZR10K-34	ZR10K-1	ZR10K-1	ZR10K-112	ZR10K-112

N/A = Part number not available at time of printing.

^a Sold in packs of ten.