

Microfiltration System

Series MF



Applications:

- Process Water
- Soften Water
- Well or ground Water
- Cooling Tower Filtration
- Reverse Osmosis Pre-filtration
- Chemical & Petrochemical
- Dairy
- Drinking Water
- Food and Beverage
- Liquid desalination
- Electronics
- Pharmaceuticals & Biotechnology
- Pulp & Paper
- Industrial Waste Water Treatment
- Seawater

Features:

- SS304 Stainless Steel for most chemicals compatibility and corrosion resistance
- UPVC for sea water and corrosive fluids
- Highly recommended for use in electronic industry, sewage treatment, beverage, foods, pure water treatment
- Clamp or Flanged bolt, for quick and easy cartridge replacement
- Accept multi-Filter 40" cartridges upto 150 cartridges
- Side-in and Side-out connection
- 2 Pressure gauge ports - inlet and outlet
- Factory tested for insured quality
- 1 year warranty

Series MFS

SS304 Stainless Steel Filter Housing

- SS304 Stainless Steel for most chemicals compatibility and corrosion resistance
- Clamp or Flanged bolt, for quick and easy cartridge replacement
- Accept multi-Filter 40" upto 150 cartridges
- Side-in and Side-out connection
- 2 Pressure gauge ports - inlet and outlet
- Heavy duty legs included on all models
- Pressure rating to 150 psi
- Factory tested for insured quality
- 1 year warranty



Ordering information

Model	Material	Cartridges Length x (NOs)	Max Flow (m ³ /hr)	Connection Inlet/Outlet	Drain Port	Dimension OD x H (mm)	Closure	Maximum Pressure
MFS-4003	SS 304	40" x (3)	15	1-1/2"/2"/NPT	1/2" NPT	180 x 1400	Clamp	150 psi
MFS-4005	SS 304	40" x (5)	25	1-1/2"/2"/NPT	1/2" NPT	200 x 1400	Clamp	150 psi
MFS-4007	SS 304	40" x (7)	35	2"/2"/NPT	1/2" NPT	220 x 1400	Clamp	150 psi
MFS-4010	SS 304	40" x (10)	50	3"/3"/FLNG	1/2" NPT	280 x 1350	Flanged Bolt	150 psi
MFS-4012	SS 304	40" x (12)	60	4"/4"/FLNG	1/2" NPT	300 x 1350	Flanged Bolt	150 psi
MPS-4016	SS 304	40" x (16)	80	4"/4"/FLNG	1/2" NPT	350 x 1350	Flanged Bolt	150 psi
MFS-4022	SS 304	40" x (22)	110	6"/6"/FLNG	1/2" NPT	400 x 1400	Flanged Bolt	150 psi
MFS-4027	SS 304	40" x (27)	135	6"/6"/FLNG	1/2" NPT	450 x 1450	Flanged Bolt	150 psi
MFS-4035	SS 304	40" x (35)	175	6"/6"/FLNG	1/2" NPT	500 x 1500	Flanged Bolt	150 psi
MFS-4042	SS 304	40" x (42)	230	6"/6"/FLNG	1/2" NPT	550 x 1550	Flanged Bolt	150 psi
MFS-4055	SS 304	40" x (55)	300	8"/8"/FLNG	1/2" NPT	600 x 1580	Flanged Bolt	150 psi
MPS-4061	SS 304	40" x (61)	335	8"/8"/FLNG	1/2" NPT	650 x 1650	Flanged Bolt	150 psi
MFS-4073	SS 304	40" x (73)	400	8"/8"/FLNG	1/2" NPT	700 x 1950	Flanged Bolt	150 psi
MFS-4098	SS 304	40" x (98)	540	10"/10"/FLNG	1/2" NPT	800 x 2000	Flanged Bolt	150 psi
MFS-4120	SS 304	40" x (120)	660	10"/10"/FLNG	1/2" NPT	900 x 2000	Flanged Bolt	150 psi
MFS-4150	SS 304	40" x (150)	825	10"/10"/FLNG	1/2" NPT	1000 x 2000	Flanged Bolt	150 psi

Design, specification and materials subject to change without notice.

Series MFU UPVC Filter Housing

- Unaffected by salts, ideal for sea water and corrosive fluids
- Highly recommended for use in electronic industry, sewage treatment, beverage, foods, pure water treatment
- Flanged bolt, for quick and easy cartridge replacement
- Accept multi-Filter and 40" up to 9 cartridges
- Side-in and Side-out connection
- 2 Pressure gauge ports - inlet and outlet
- Pressure rating to 85 psi
- Factory tested for insured quality
- 1 year warranty



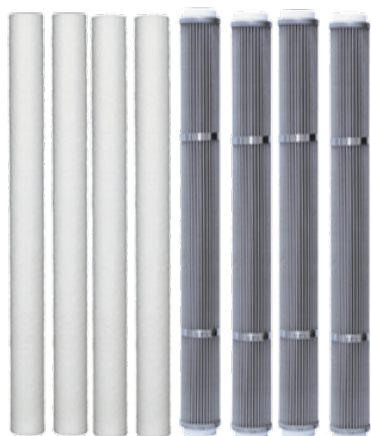
Ordering information

Model	Material	Cartridges Length x (Nos)	Max Flow (m ³ /hr)	Connection Inlet/Outlet	Drain Port	Dimension OD x H (mm)	Closure	Maximum Pressure
MFU-4003	UPVC	40" x (3)	15	1-1/2"/2"NPT	1/2" NPT	225 x 1215	Flanged Bolt	85 psi
MFU-4005	UPVC	40" x (5)	25	1-1/2"/2"NPT	1/2" NPT	225 x 1215	Flanged Bolt	85 psi
MFU-4008	UPVC	40" x (8)	40	DN80/3"ANSI	1/2" NPT	315 x 1245	Flanged Bolt	85 psi
MFU-4009	UPVC	40" x (9)	45	DN80/3"ANSI	1/2" NPT	315 x 1245	Flanged Bolt	85 psi

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Filter Cartridges

- Materials : Polypropylene or Stainless steel SS304
- Double Open End (DOE) configuration
- Diameter 2.5" and length 40"
- Use with Stainless Steel or UPVC filter housing both Series MFS and MFU
- Nominal micron rating is 1 - 50 micron



Ordering information

Model	Element Material	Micron rating	Dimension OD x L (inch)	Construction	Seal material
MF-P4001	PP	1	2.5" x 40"	Pleated	Teflon
MF-P4005	PP	5	2.5" x 40"	Pleated	Teflon
MF-P4010	PP	10	2.5" x 40"	Pleated	Teflon
MF-P4050	PP	50	2.5" x 40"	Pleated	Teflon
MF-S4005	SS 304	5	2.5" x 40"	Pleated	Teflon
MF-S4010	SS 304	10	2.5" x 40"	Pleated	Teflon
MF-S4020	SS 304	20	2.5" x 40"	Pleated	Teflon

Design, specification and materials subject to change without notice.

Water Treatment Systems



Reverse Osmosis (RO) Systems

- Series PRO48, capacity of 1.5 - 3.0 m³/hr
- Series PRO88, capacity of 6-18 m³/hr



Ultrafiltration (UF) Systems

- Capacity of 0.75 - 100 m³/hr
- Low fouling Hydrophilic Polyvinylidene fluoride (H-PVDF) membrane
- Excellent filtration performance with high flux
- Can be periodically back washed and air scoured to improve performance and extend operating life by removing the fouling layer



Ozone Systems

- Ozone can literally oxidize material in water 3,200 times faster than chlorine
- Ozone is the best choice for bacterial disinfection and the inactivation of viruses and cysts.
- Ozone can precipitates iron, manganese, sulfides, nitrites and organometallics.
- Ozone can oxidize organics causing color, taste and odor problems, some detergents and pesticides, phenols, VOCs, turbidity control and micro flocculation of soluble organics.



Media Filters and Softeners

- Anthracite : for Sediment Removal
- Manganese Green Sand : for Stain Removal
- Activated Carbon : for Organics Removal
- Resin (Na⁺) : for Hardness Removal



Deionization (DI) Systems

Deionized Water are used in applications requiring very high water quality, usually as polishers after reverse osmosis. Many industries use DI systems: paints, chemicals, electronics, textiles, plating, cosmetics, boiler feed, food/beverage processing, hospitals/ medical facilities.

Please request more information.

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