



Particulate Point-of-Use Filters

5 Micron Elements - 4 to 40 GPM

Typical Particulate Filter Housing



Filtrine's particulate filters, contained in a 16 ga. durable, long-lasting stainless steel housing includes an easy-to-change spun poly element.

Particulate filters include:

COMPLETE PARTICLE FILTRATION

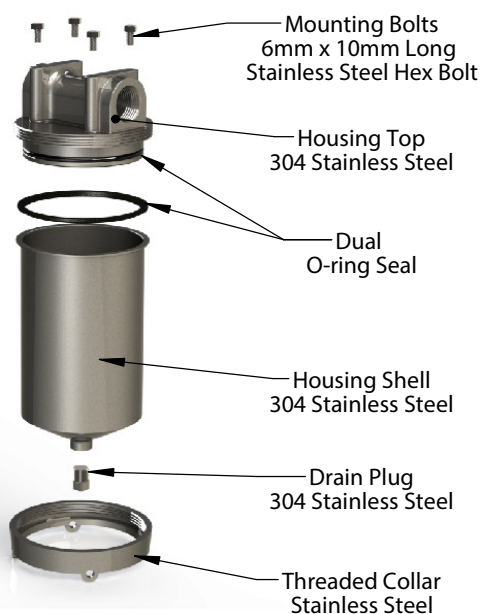
Removes sediment and other suspended particles using elements made from thermally-bonded microfibers of polypropylene. "Graded Depth" construction provides element fibers which are wound more tightly toward the hollow core of the cartridge. Consequently, the entire depth of the filter element is used for more effective filtration and longer service life.

EXCLUSIVE "DUAL-SEAL" ELEMENT DESIGN

Conventional cartridge-type filters depend upon compression of the cartridge top and bottom to effect a seal. When wet the average cartridge loses some rigidity, making it impossible to stop water from bypassing the element.

Particulate elements do not rely on cartridge compression. Filtrine's exclusive "Dual-Seal" design ensures first-day effectiveness for the life of the element.

Typical Particulate Filter - Exploded

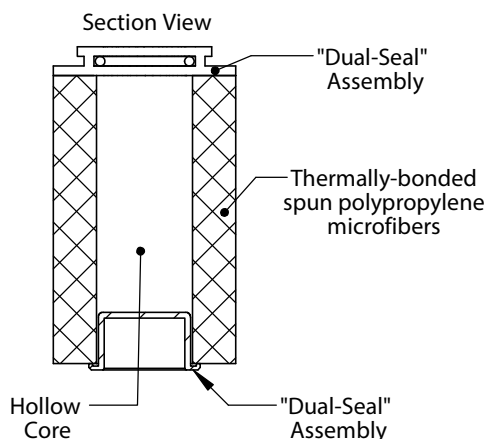


FILTER MAINTENANCE *

1. Turn off water supply to the filter.
2. Unscrew vent cap (if available) at outlet of filter to relieve pressure.
3. DO NOT remove plug at the bottom of housings. If plug is removed, use Gray Stainless Steel Thread Tape and sealant to reinstall.
4. Unscrew collar with tool provided and pull housing down slightly below manifold.
5. Twist used cartridge off receiver hub while lowering housing to capture excess water.
6. Twist new cartridge onto receiver hub.
7. Lift housing over cartridge onto manifold and verify o-ring seal.
8. Screw collar onto manifold, tightening by hand and tool (if needed).
9. Turn on water supply to the filter and relieve air out vent cap (if available).
10. Filter is now in service.

*Replacement frequency depends on turbidity of the water supply and the amount of water used. Under average conditions this is once every four months.

Typical Particulate Element



FILTER INSTALLATION

- Allow 6" of space under filters to facilitate element change.
- Water line temperature should be a maximum of 180°F and a maximum pressure of 150 psi.

Element replacement instructions and ordering information are on each filter housing

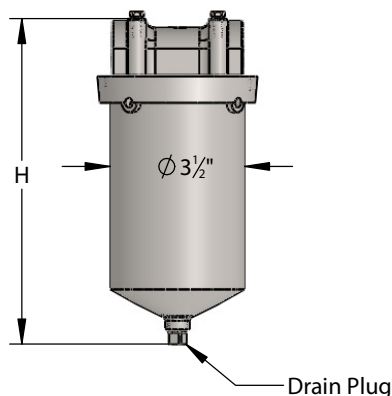


Particulate Point-of-Use Purifier Specifications

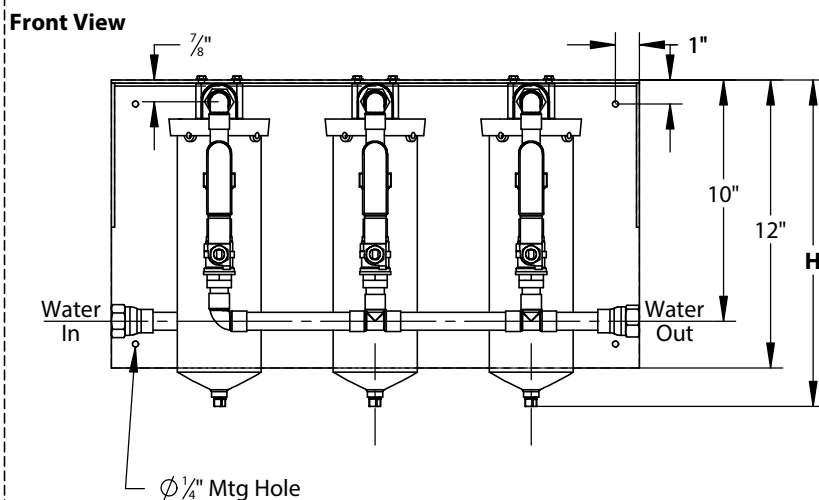
5 Micron Elements - 4 to 40 GPM

Typical Filter (For other sizes see tables below)

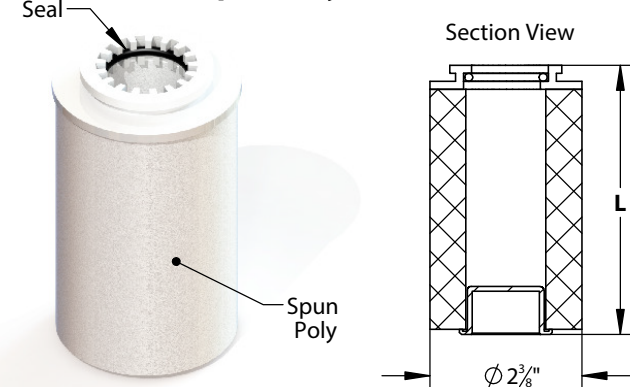
Housing



Multiple Filter Schematic



Spun Poly Element



Top View

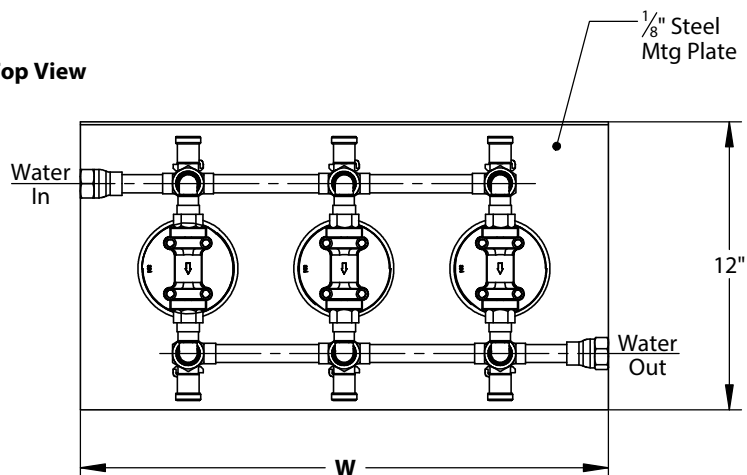
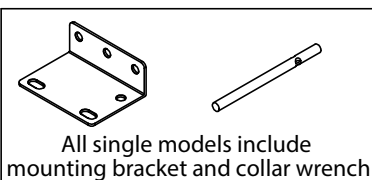


Illustration Only



PARTICLE FILTER SELECTION CHART

MODEL NO.	FLOW (GPM)	HOUSING					ELEMENTS		
		MODEL NO.	BOM NO.	H (INCH)	W (INCH)	CONN IN/OUT	MODEL NO.	BOM NO.	L (INCH)
PFS4	4	[1] PFS4	46.0897	8 1/2"	N/a	3/4" FPT	[1] PFS4-5-5.0-SP	46.2527	4 1/2"
PFS6	6	[1] PFS6	46.0898	13 1/2"	N/a	3/4" FPT	[1] PFS6-10-5.0-SP	46.2530	9 1/2"
PFS10	10	[1] PFS10	46.0899	24 1/2"	N/a	3/4" FPT	[1] PFS10-19-5.0-SP	46.2324	19 1/2"
PFS10DUP	20	[2] PFS10	46.0899	24 5/8"	18	1" FPT	[2] PFS10-19-5.0-SP	46.2324	19 1/2"
PFS10TRIP	30	[3] PFS10	46.0899	24 5/8"	18	1 1/4" FPT	[3] PFS10-19-5.0-SP	46.2324	19 1/2"
PFS10QUAD	40	[4] PFS10	46.0899	24 5/8"	28 1/2"	1 1/4" FPT	[4] PFS10-19-5.0-SP	46.2324	19 1/2"

Note: Based on inlet pressure of 40psi allow for 2 psi drop when elements are new. Suitable for operations at 180°F and 150 psi operating pressures.

Filter assemblies include valves and manifolds.

Filters listed here have nominal micron rating of 5, other micron ratings available. Contact factory for details.

