

## PARTICULATE IN-LINE WATER FILTERS

### 40 to 560 GPM FLOW RATE



TYPICAL DUPLEX FILTER SHOWN

#### PF MODEL FILTERS ARE EASY TO SERVICE

No tools needed. Remove old cartridges and slide in new cartridges over standpipes in housing.

Periodic replacement of the filter cartridge is the only regular maintenance required. Gauges indicate when it is necessary to change elements.

#### TO INSTALL OR REPLACE CARTRIDGE

1. Note date on change schedule tag
2. Close water inlet and outlet valves
3. Unscrew BAR HANDLE
4. Remove YOKE and COVER
5. Remove FILTER CARTRIDGE from standpipe by sliding cartridge up and out. (Note accumulation of impurities removed from your water supply. It may be necessary to remove accumulated impurities from the filter body itself before installing the new filter cartridge.)
6. Slide new filter cartridge over standpipe and down into filter body. Push element down as far as it will to cover the entire standpipe.
7. Replace COVER and COVER O-ring (if necessary). Screw on BAR HANDLE and YOKE hand tight.
8. Open inlet and outlet valves.

***FILTER IS NOW IN SERVICE***

**ORDER REPLACEMENT ELEMENTS DIRECT FROM THE FACTORY.  
SEE INSTRUCTIONS ON FILTER HOUSING**

#### PF MODEL IN-LINE WATER FILTERS

Filtrine's PF Model Filters are the ideal solution for water treatment when turbidity, particulates and suspended solids are present in make-up water.

- **All Stainless Steel Housing**

Heavy duty 10 ga stainless steel housing rated at 125 psi working pressure. Built to out last the piping in the building.

- **Unique "DualSeal" Double O-Ring Seal Filter Elements**

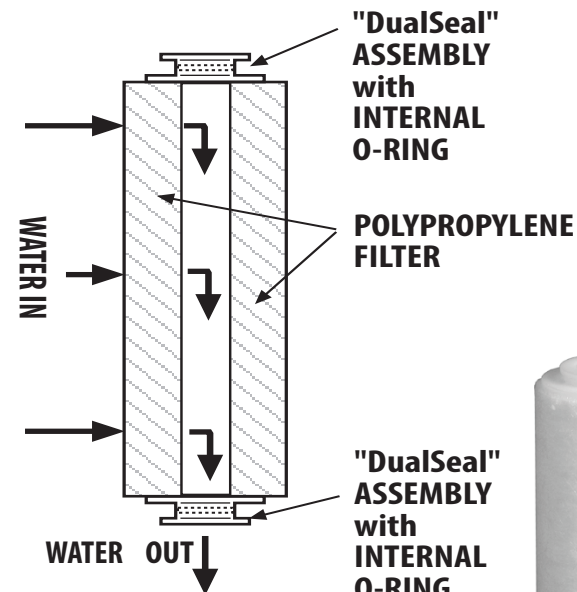
Conventional cartridge-type filters depend upon compression of the cartridge top and bottom to effect a seal. However, tests indicate, that the average cartridge loses some rigidity when wet, making it impossible to maintain this original seal.

PF cartridges, however, do not rely on compression. Instead, using an innovative "DualSeal" double O-ring design whereby the cartridge slides over a center standpipe, they are sealed top and bottom by internal O-rings to insure first-day effectiveness for the life of the cartridge.

- **PF Cartridges Provide Complete Particle Filtration**

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

#### PF MODEL FILTERS USE POLY CARTRIDGES



TYPICAL PF  
FILTER CARTRIDGE

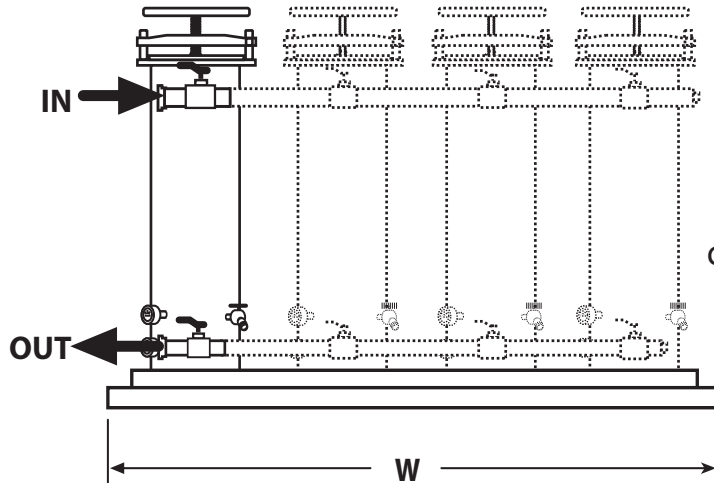


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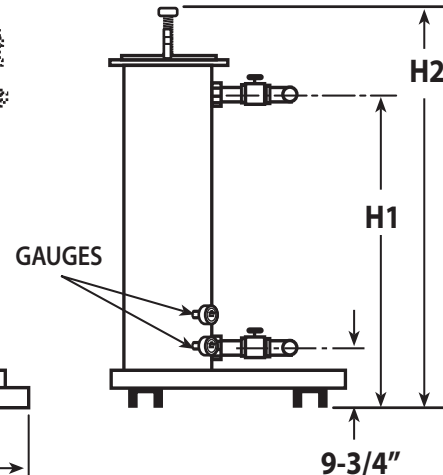
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### IN-LINE PARTICLE FILTERS SCHEMATIC

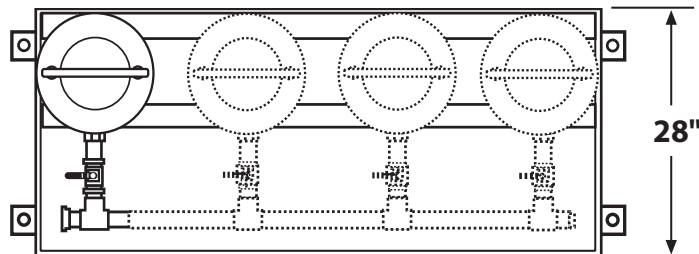
#### FRONT VIEW



#### END VIEW



#### TOP VIEW



### IN-LINE PARTICLE FILTER SELECTION CHART

MODEL NUMBER	FLOW* gpm	HOUSING [QTY] MODEL	ELEMENTS [QTY] MODEL	ELEMENT ORDER #	DIMENSIONS - inches			CONN IN & OUT inches	SHIP WT lbs
					W	H1	H2		
PF40	40	[1] PF40	[4] PF40-17-5-SP	46.0324	18	35-3/4	46-3/4	1-1/12	350
PF40DUP	80	[2] PF40	[8] PF40-17-5-SP	46.0324	36			2	500
PF70	70	[1] PF70	[7] PF70-17-5-SP	46.0324	18			2	350
PF70DUP	140	[2] PF70	[14] PF70-17-5-SP	46.0324	36			3	500
PF70TRIP	210	[3] PF70	[21] PF70-17-5-SP	46.0324	56			3	650
PF70QUAD	280	[4] PF70	[28] PF70-17-5-SP	46.0324	72			3	800
PF140	140	[1] PF140	[7] PF140-36-5-SP	46.0326	18	53-3/4	64-3/4	3	350
PF140DUP	280	[2] PF140	[14] PF140-36-5-SP	46.0326	36			3	450
PF140TRIP	420	[3] PF140	[21] PF140-36-5-SP	46.0326	56			4	800
PF140QUAD	560	[4] PF140	[28] PF140-36-5-SP	46.0326	72			4	1100

\* Based on inlet pressure of 40 psi. Allow for 2 psi drop when elements are new. Suitable for operation at 180°F.

\*\* Filter assemblies include valves and manifolds.

**NOTE:** Above filters have nominal micron rating of 5. Other micron ratings are available, consult factory.