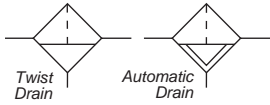
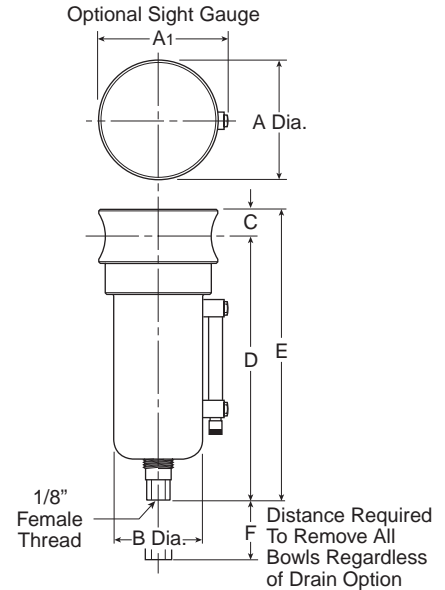


PF10 Filter – Standard



Features

- Stainless steel construction handles most corrosive environments.
- Meets NACE specifications MR-01-75/ISO 15156.
- 1/8" female threaded drain.
- High Flow: 1/2" - 70 SCFM[§]



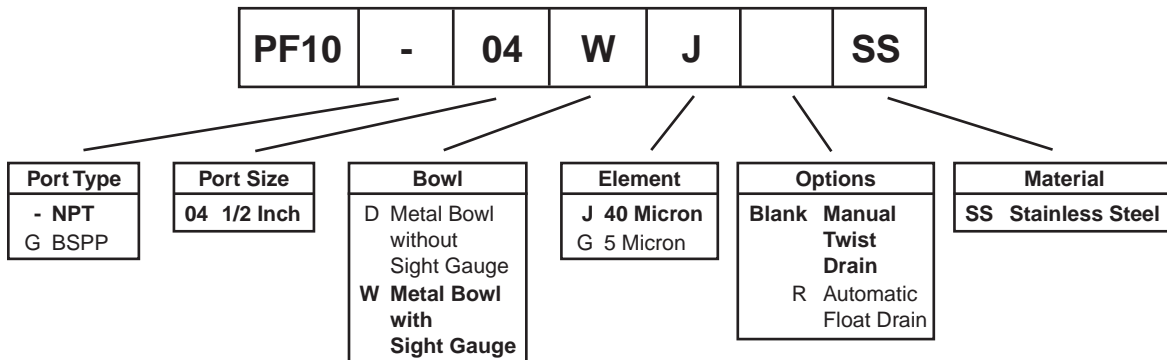
Port Size	NPT		BSPP	
	Manual Twist Drain	Automatic Float Drain	Manual Twist Drain	Automatic Float Drain
1/2"	PF10-04WJSS	PF10-04WJRSS	PF10G04WJSS	PF10G04WJRSS

PF10 Filter Dimensions		
A 2.38 (60)	A1 2.50 (64)	B 1.75 (44)
C .56 (14)	D 5.00 (127)	E 5.56 (141)
F 2.12 (54)		

inches
(mm)

Standard part numbers shown bold.
 For other models refer to ordering information below.
 SCFM = Standard cubic feet per minute at 90 PSIG inlet and 5 PSIG pressure drop.

Ordering Information



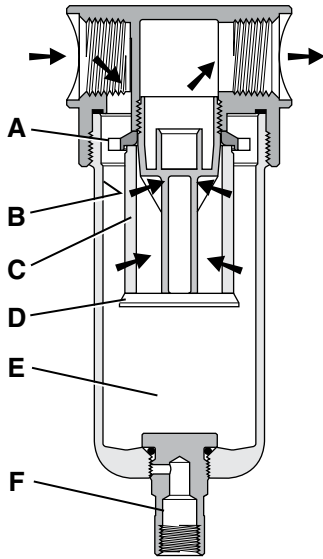
BOLD ITEMS ARE MOST POPULAR.



D
 Product Selection
 Filters
 Coalescers
 Regulators
 Filter / Regulators
 Lubricators

Technical Specifications – PF10

Operation



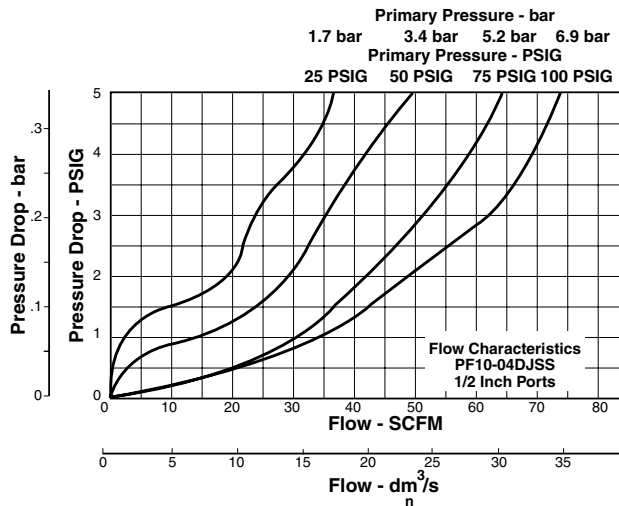
First Stage Filtration:

Air enters at inlet port and flows through deflector plate (A) which causes a swirling action. Liquids and coarse particles are forced to the bowl interior wall (B) by the centrifugal action of the swirling air. They are then carried down the bowl wall by the force of gravity. The baffle (D) separates the lower portion of the bowl into a “quiet zone” (E) where the removed liquid and particles collect, unaffected by the swirling air, and are therefore not reentrained into the flowing air.

Second Stage Filtration:

After liquids and large particles are removed in the first stages of filtration, the air flows through element (C) where smaller particles are filtered out. The filtered air then passes downstream. Collected liquids and particles in the “quiet zone” (E) should be drained before their level reaches a height where they would be reentrained in the flowing air. This can be accomplished by unscrewing the drain valve (F) slightly until the liquid begins to drain.

Technical Information



PF10 Filter Kits & Accessories

Drain Kit –

- Automatic Float Drain SA10MDSS
- Manual Twist Drain–
- Small (Old) SA600Y7-1SS
- Large (New) SAP05481

Filter Element Kits –

- Particulate (40 Micron) EK55J
- Particulate (5 Micron) EK55G

- Pipe Nipple – 1/2" 316 Stainless Steel 616A28-SS

Specifications

- Bowl Capacity 4.0 Ounces
- Filter Rating 40 Micron
- Sump Capacity 1.7 Ounce
- Port Threads 1/2 Inch
- Pressure & Temperature Ratings –
- Manual Twist Drain (D) 0 to 300 PSIG (0 to 20.7 bar)
0°F to 180°F (-18°C to 82°C)

- Manual Twist Drain (W) 0 to 250 PSIG (0 to 17.2 bar)
0°F to 150°F (-18°C to 66°C)
- Automatic Float Drain 10 to 175 PSIG (0 to 12 bar)
32°F to 150°F (0°C to 66°C)

Note: Air must be dry enough to avoid ice formation at temperatures below 32°F (0°C)

- Weight 1.9 lb. (0.85 kg)

Materials of Construction

- Body 316 Stainless Steel
- Bowls 316 Stainless Steel
- Deflector Acetal
- Drain 316 Stainless Steel
- Element Holder Acetal
- Filter Element Polyethylene
- Seals Fluorocarbon
- Sight Gauge Isoplast



D

Product Selection

Filters

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Regulators

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Lubricators