

Full-Size SERIES 380 Modular General Purpose Filters

FD380 Models Port Sizes: 3/8, 1/2, 3/4

Available Color Caps



Model Shown: FD380-6



- ◆ Modular or inline mounting.
- ◆ 5- μ m-rated polyethylene filter element; optional 40- μ m element.
- ◆ Polycarbonate plastic bowl with steel shatter-guard; optional metal bowl with sight glass.
- ◆ Internal automatic drain; optional manual drain, internal float drain, Hydro-Jector drain, or Warrior electronic drain.
- ◆ NPTF port threads; optional BSPP threads.

SPECIFICATIONS

Ambient/Media Temperature:

Plastic Bowl, all drain types: 40° to 125°F (4° to 52°C).
Metal Bowl, manual & auto drains: 40° to 175°F (4° to 79°C).
Metal Bowl, float drains: 40° to 150°F (4° to 66°C).

Body: Die-cast zinc.

Bowl: 9-Ounce (270-ml) capacity polycarbonate plastic with steel shatterguard; optional aluminum bowl with clear nylon sight glass.

Bowl Drain: Internal automatic drain; by removing the adjustment knob, a 3/16" (5mm) flexible tube can be connected to the drain. Optional manual drain, Internal float drain, Hydro-Jector drain, or Warrior electronic drain.

Bowl Ring: Nylon.

Cap Color: Grey. Yellow, red, and blue optional.

Differential Pressure Gauge: Optional.

Filter Element: 5- μ m-rated polyethylene; optional 5- μ m, 20- μ m sintered bronze. or 40- μ m polyethylene

Fluid Media: Compressed air.

Inlet Pressure:

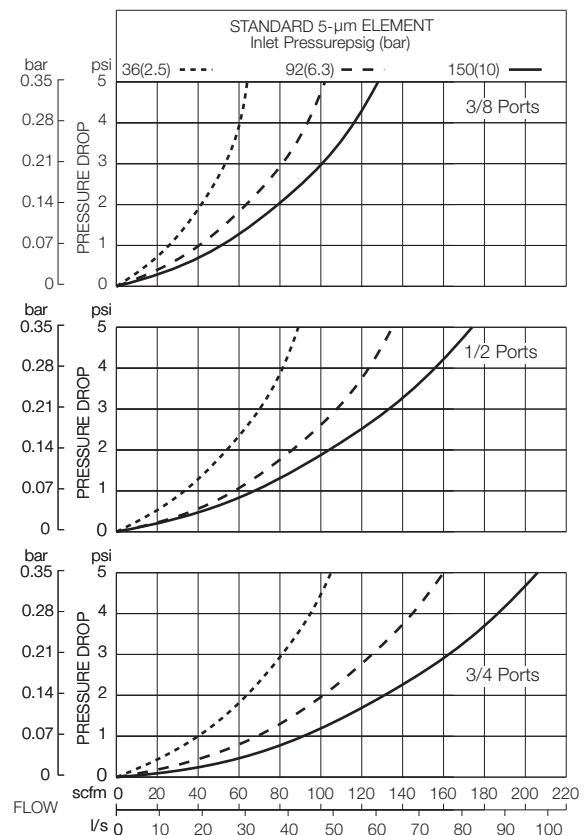
Minimum: 15 psig (1 bar) with automatic drain, 30 psig (2 bar) with internal float drain.

Plastic bowl: 150 psig (10 bar).

Metal bowl: 200 psig (14 bar).

Seals: Nitrile

FLOW CHARTS (5- μ m element)



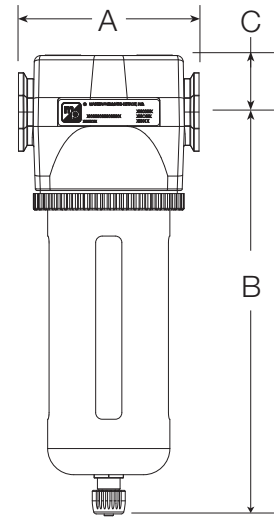
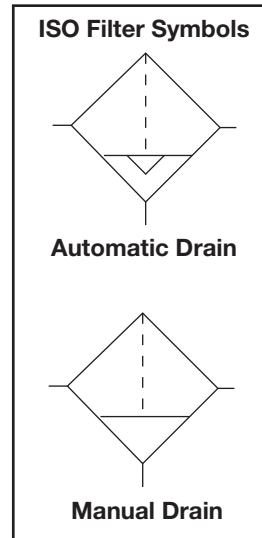
DIMENSIONS inches (mm)

Bowl	A	B †	C	Depth	Weight lb (kg)
Plastic	3.5 (88)	7.7 (195)	1.1 (28)	2.9 (73)	2.13 (0.97)
Metal	3.5 (88)	7.6 (193)	1.1 (28)	3.1 (79)	2.13 (0.97)

† Bowl removal clearance: add 3.1 (79).

REPLACEMENT FILTER ELEMENT KITS

Element Rating	Kit Number
5-µm Polyethyelene (Std element)	A115-106PE5
40-µm Polyethyelene	A115-106PE3
5-µm Bronze	A115-106E5
20-µm Bronze	A115-106E4



ORDERING INFORMATION

Change the letters in the sample model number below to specify the filter you want.

BFD 380 - 3 Y W

BOWL AND DRAIN TYPE *(Metal bowls contain a sight glass)*

- Plastic bowl, internal automatic drain FD
- Metal bowl, internal automatic drain BFD
- Plastic bowl, manual drain F
- Metal bowl, manual drain BF
- Plastic bowl, internal float drain (**plastic stem**) ... F5A
- Metal bowl, internal float drain (**brass stem**) BF6A
- Metal bowl, external Hydro-Jector drain BFE
(LDC option is not needed; under OPTIONS)
- Metal bowl, warrior electronic drain BF2A

DIFFERENTIAL PRESSURE GAUGE

- No gauge 380
- Large gauge 380L
- Small gauge 380S
- Large gauge with normally **OPEN** reed switch.... 380E
- Large gauge with normally **CLOSED**..... 380E2
reed switch

PORT SIZE

- 3/8 NPTF 3
- 1/2 NPTF 4
- 3/4 NPTF 6

PORT TYPE

- NPTF threads Leave blank
- BSPF threads W

OPTIONS *(More than one option can be chosen. Add in alphabetical order.)*

- None Leave Blank

Cap color:

- Grey Leave Blank
- MP yellow C1
- Red C2
- Mid blue C3

Polyethylene filter element:

- 5-µm rating Leave Blank
- 40-µm rating E3

Bronze filter element:

- 5-µm rating E5
- 20-µm rating E4
- No bowl drain LDC

(1/4 NPT female port instead. Also use 'BF' option under BOWL AND DRAIN TYPE section.)

DIFFERENTIAL PRESSURE GAUGES



Large Dual Face Gauge
106-35



Small Slide Gauge
103-151



Large Dual Face Gauge
with Reed Switch
106-35E (Normally Open)
106-35EC (Normally Closed)