

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

SPECIFICATIONS

Ambient/Media Temperature:

Plastic bowl: 40° to 125°F (4° to 52°C).
Metal bowl: 40° to 175°F (4° to 79°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, Hydro-Jector drain, or Warrior electronic drain.

Bowl Ring: Nylon.

Cap Color: Accent grey. Yellow, red, and blue optional.

Differential Pressure Gauge: Optional.

Filter Element: 5- μ m-rated polyethylene; optional 40- μ m element.

Fluid Media: Compressed air.

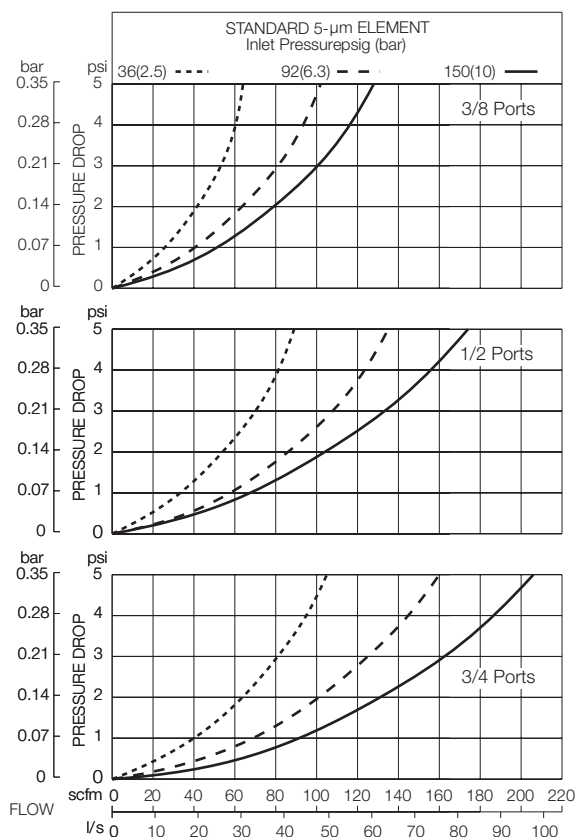
Inlet Pressure:

15 psig (1 bar) minimum with automatic drain.
Plastic bowl: 150 psig (10 bar).
Metal bowl: 200 psig (14 bar).

Seals: Nitrile

- ◆ 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, Hydro-Jector drain, or Warrior electronic drain.
- ◆ NPTF port threads; optional SAE or BSPP threads.

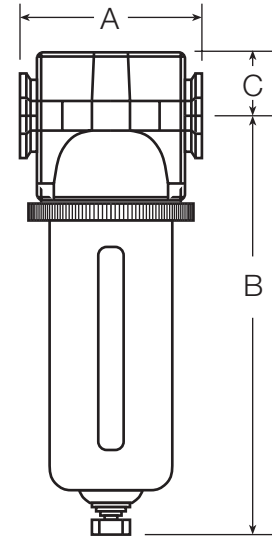
FLOW CHARTS (5- μ m element)



DIMENSIONS inches (mm)

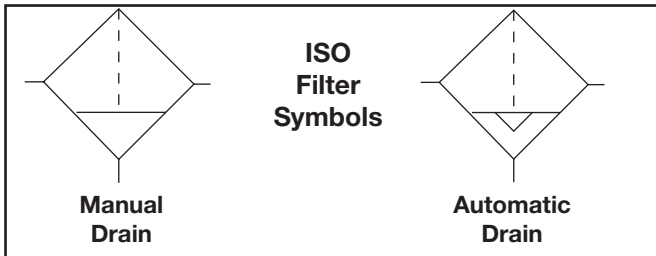
Bowl	A	B †	C	Depth	Weight lb (kg)
Plastic	3.5 (88)	7.7 (195)	1.1 (28)	2.9 (73)	2.13 (0.97)
Metal	3.5 (88)	7.6 (193)	1.1 (28)	3.1 (79)	2.13 (0.97)

† 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.

B FD 380 - 3 Y W

BOWL TYPE

Plastic with guard Leave Blank
Metal with sight glass B

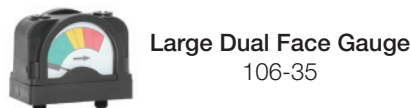
BOWL DRAIN

Internal automatic drain FD
Manual drain F
External Hydro-Jector drain; FE
only with metal bowl
Warrior electronic drain; F2A
only with metal bowl

DIFFERENTIAL PRESSURE GAUGE

No gauge 380
Large gauge 380L
Small gauge 380S
Reed Switch Large Gauge 380E
normally open.
Reed Switch Large Gauge 380E2
normally closed.

DIFFERENTIAL PRESSURE GAUGES



PORT TYPE

NPTF Threads Leave Blank
BSPP threads W

OPTIONS: (More than one option can be chosen)

None Leave Blank

Cap color: Grey is standard.

MP yellow C1
Red C2
Mid blue C3
40-µm rated filter element E3
Sintered bronze filter element
5-µm rating E5
20-µm rating E4

PORT SIZE

3/8 NPTF 3
1/2 NPTF 4
3/4 NPTF 6
3/4-16 UNF SAE S8
7/8-14 UNF SAE S10