

# Full-Size SERIES 380 Modular General Purpose Filters

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

### Available Color Caps



**Yellow**  
(optional)



**Red**  
(optional)



**Blue**  
(optional)



**Grey**  
(standard)



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, Internal float 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-µm-rated polyethylene; optional 5-µm, 20-µm sintered bronze. or 40-µm polyethylene

**Fluid Media:** Compressed air.

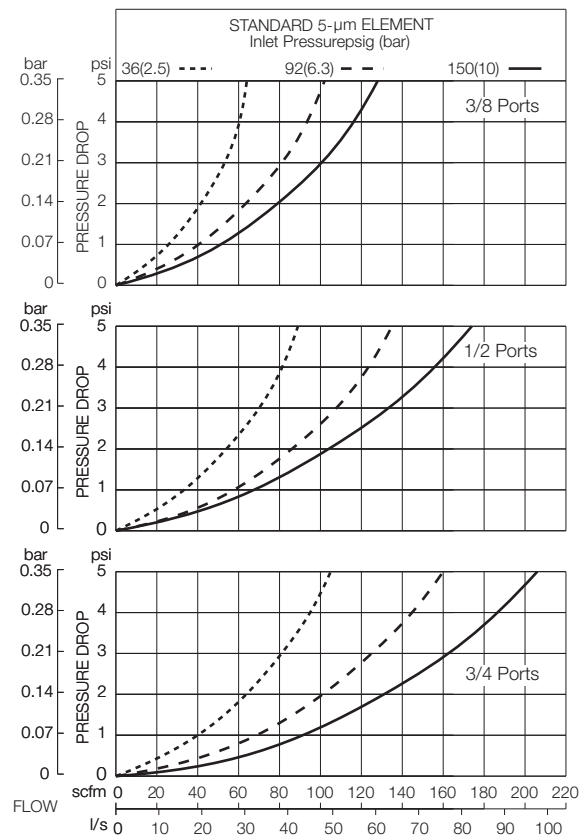
### Inlet Pressure:

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

- ◆ Modular or inline mounting.
- ◆ 5-µm-rated polyethylene filter element; optional 40-µm 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 SAE or BSPP threads.

## FLOW CHARTS (5-µm element)



## DIMENSIONS inches (mm)

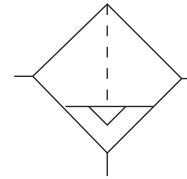
Bowl	A	B †	C	Depth	Weight lb (kg)
Plastic	3.5 (88)	7.7 (195)	1.1 (28)	2.9 (73)	2.13 (0.97)
Metal	3.5 (88)	7.6 (193)	1.1 (28)	3.1 (79)	2.13 (0.97)

† Bowl removal clearance: add 3.1 (79).

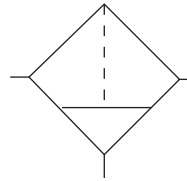
## REPLACEMENT FILTER ELEMENT KITS

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

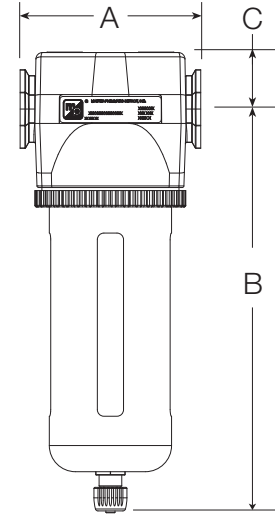
## ISO Filter Symbols



Automatic Drain



Manual Drain



## 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 <b>(plastic stem)</b>	F5A
Metal bowl, internal float drain <b>(brass stem)</b>	BF6A
Metal bowl, external Hydro-Jector drain	BFE
<i>(LDC option is not needed; under OPTIONS)</i>	
Metal bowl, warrior electronic drain	BF2A

### DIFFERENTIAL PRESSURE GAUGE

No gauge	380
Large gauge	380L
Small gauge	380S
Large gauge with normally <b>OPEN</b> reed switch	380E
Large gauge with normally <b>CLOSED</b> reed switch	380E2

### PORT SIZE

3/8 NPTF	3
1/2 NPTF	4
3/4 NPTF	6
9/16-18 UNF SAE	S6
3/4-16 UNF SAE	S8
7/8-14 UNF SAE	S10

### 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)

Full-Size Modular Filter, FD380 Series