

SERIES 350 Modular General Purpose Filters

F350 Models Port Sizes: 1/4, 3/8, 1/2



Available Color Caps



Model Shown: F5A350-4C1

SPECIFICATIONS

Ambient/Media Temperature:

Plastic Bowl, all drain types: 40° to 125°F (4° to 52°C).
Metal Bowl, manual 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: 5.1-Ounce (151-ml) capacity polycarbonate plastic with nylon shatterguard; optional 6.0 ounce (177-ml) aluminum bowl with clear nylon sight glass.

Bowl Drain: Internal float drain; by removing the adjustment knob, a 3/16" (5mm) flexible tube can be connected to drain effluents. Optional manual drain.

Cap Color: yellow, optional red, blue and grey.

Differential Pressure Gauge: Optional.

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

Fluid Media: Compressed air.

Inlet Pressure:

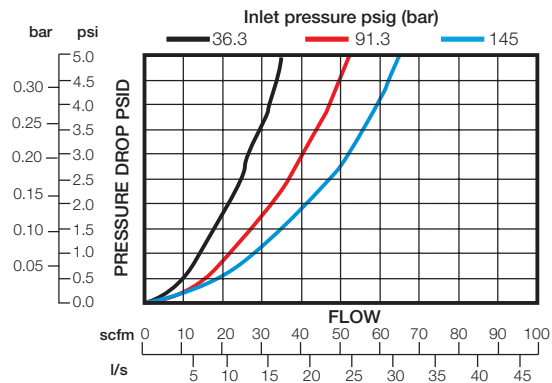
Plastic bowl & manual drain: 0-150 psig (0-10 bar).
Plastic bowl & Float drain: 30-150 psig (2-10 bar).
Metal bowl & manual drain: 0-250 psig (0-17 bar).
Metal bowl & Float drain: 30-200 psig (2-14 bar).

Seals: Nitrile.

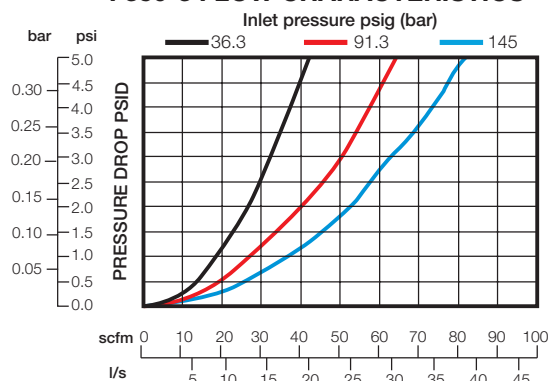
- ◆ Modular or inline mounting.
- ◆ Designed to remove particulate material to 5 micron from the airstream to protect downstream equipment.
- ◆ Optional bronze 5-µm-rated, 20-µm-rated, and 40-µm-rated. 5-µm-rated Polyethylene filter elements are standard.
- ◆ Superior removal of free water up to 98% efficiency
- ◆ Removal of effluents via manual or automatic float drains.
- ◆ Inlet pressure rated at 250 psig (17 bar) with metal bowls up to 175° F (79° C).
- ◆ Color caps available for visual management systems. (Blue, red, yellow and grey). Consult factory for custom colors.
- ◆ Front mounted modular clamping design with encapsulated screws.
- ◆ Compatible with modular 380 series of products.
- ◆ NPTF port threads; optional BSPP threads.

FLOW CHARTS (5-µm element)

F350-2 FLOW CHARACTERISTICS



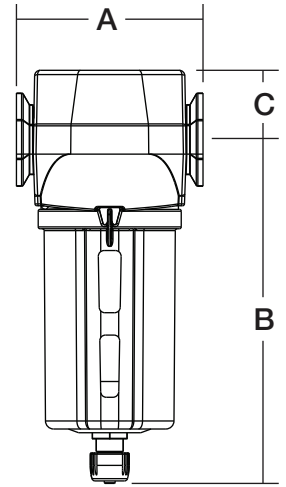
F350-3 FLOW CHARACTERISTICS



DIMENSIONS inches (mm)

Bowl	A	B †	C	Depth	Weight lb (kg)
Plastic	3.0 (76.2)	5.54 (140.6)	1.12 (28.3)	2.51 (63.8)	1.29 (0.59)
Metal	3.5 (88.9)	6.42 (163.1)	1.12 (28.3)	2.76 (70.1)	1.41 (0.64)

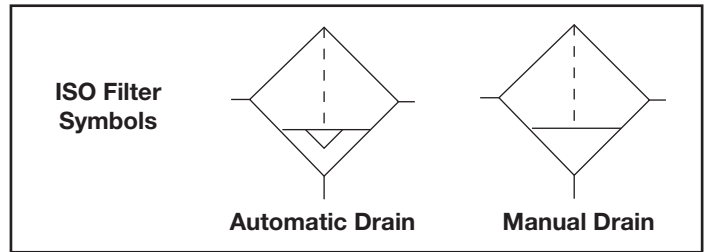
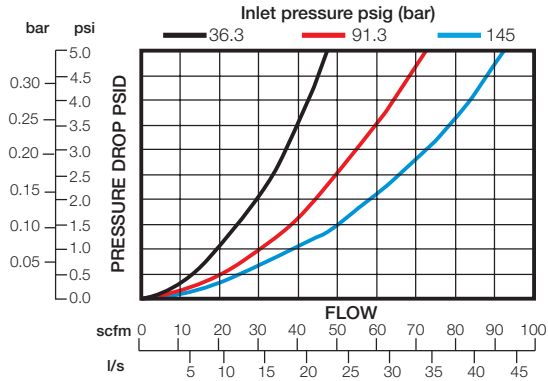
† Bowl removal clearance: add 3.1 (79).



REPLACEMENT FILTER ELEMENT KITS

Element Rating	Kit Number
5-µm Polyethylene (Std element)	A60F-03PE5
40-µm Bronze	A60F-03E3
5-µm Bronze	A60F-03E5
20-µm Bronze	A60F-03E4

F350-4 FLOW CHARACTERISTICS



ORDERING INFORMATION

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

BF 350 S - 3 E5 W

BOWL AND DRAIN TYPE

(Metal bowls contain a sight glass)

- 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

DIFFERENTIAL PRESSURE GAUGE

- No gauge (no gauge ports) 350
- Differential pressure gauge 350S

PORT SIZE

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

PORT TYPE

- NPTF threads Leave blank
- BSPP threads W

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

Cap color:

- Yellow (standard) C1
- Red C2
- Mid blue C3
- Grey Leave Blank

Polyethylene filter element:

- 5-µm rating Leave Blank

Bronze filter element:

- 5-µm rating E5
- 20-µm rating E4
- 40-µm rating E3

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:

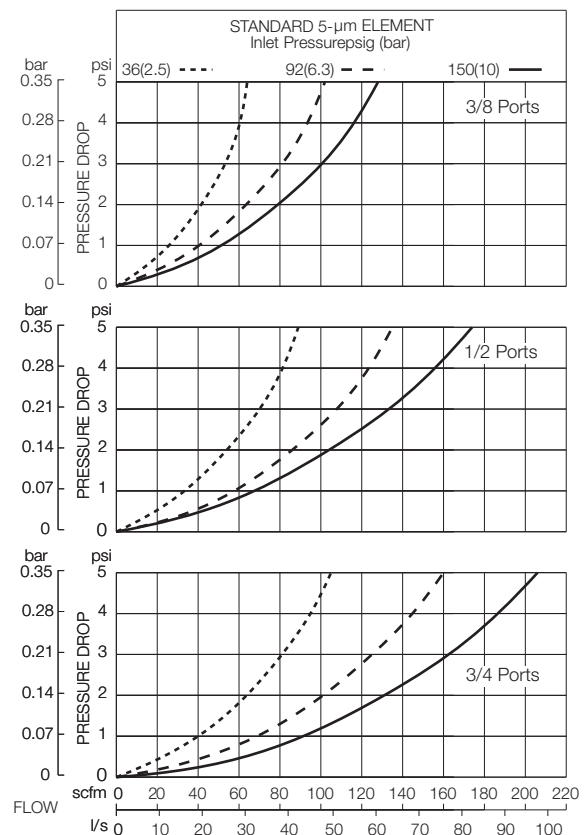
Minimum: 15 psig (1 bar) with automatic drain, 30 psig (2 bar) with internal float drain.

Plastic bowl: 150 psig (10 bar).

Metal bowl: 200 psig (14 bar).

Seals: Nitrile

FLOW CHARTS (5- μ m element)



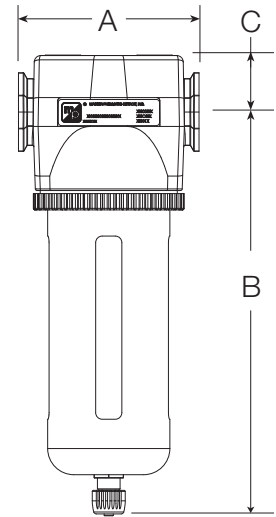
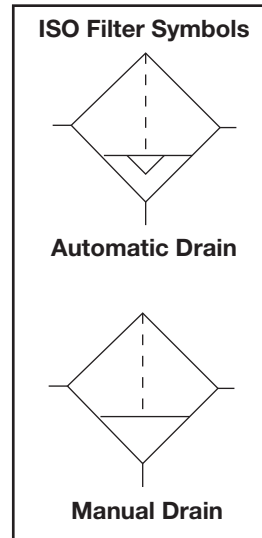
DIMENSIONS inches (mm)

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)