

# Full-Size SERIES 380 Modular Oil Vapor Removal (Adsorbing) Filters

# FC380-E9 Models Port Sizes: 3/8, 1/2, 3/4



Model Shown: FC380-6E9

### Available Color Caps



The adsorbing filter is designed to remove vapors from the air line that cannot be removed by a coalescing filter. It produces air free of oil and hydrocarbons as required by industries such as food processing, electronics, and instrumentation. An adsorbing filter preceded by a coalescing filter and a general purpose filter constitute a Clean Air Package as shown on the following pages.

- ◆ Modular or inline mounting.
- ◆ Filter cartridge contains activated carbon.
- ◆ Polycarbonate plastic bowl with steel shatter-guard; optional aluminum bowl. Optional extended aluminum bowl with higher flow filter cartridge.
- ◆ Manual drain.
- ◆ NPTF port threads; optional SAE or BSPP threads.

### 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:** Zinc.

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

Optional 15-ounce (450-ml) extended aluminum bowl includes a higher capacity adsorbing cartridge.

**Bowl Drain:** Manual.

**Bowl Ring:** Nylon.

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

**Filter Cartridge:** Activated carbon with urethane seals.

**Fluid Media:** Compressed air.

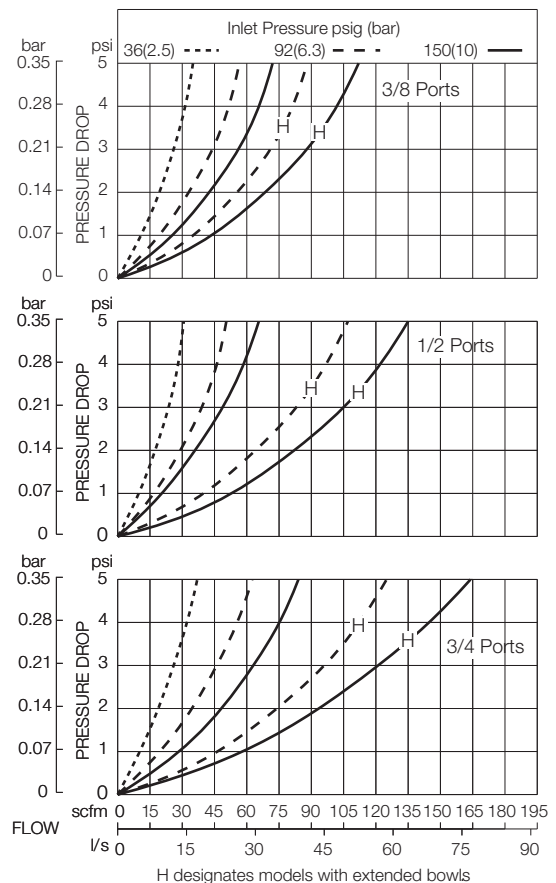
#### Inlet Pressure:

Plastic bowl: 150 psig (10 bar) maximum.

Metal bowl: 200 psig (14 bar) maximum.

**Seals:** Nitrile.

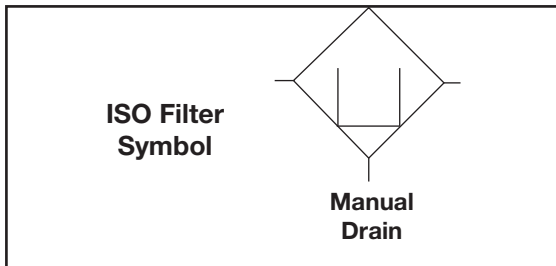
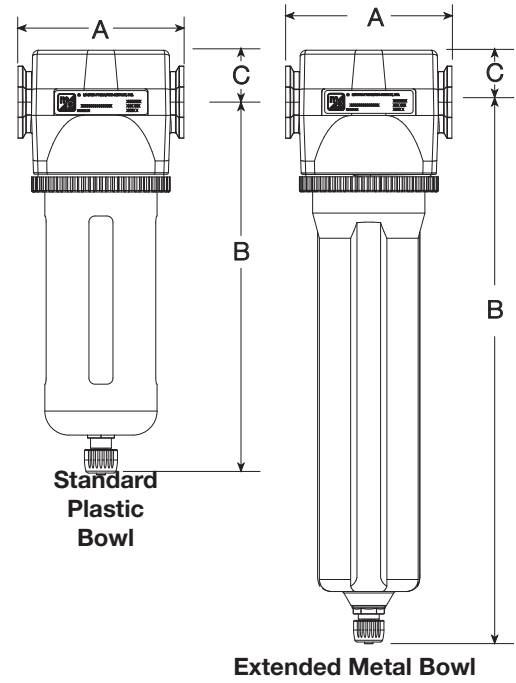
### FLOW CHARTS



**DIMENSIONS** inches (mm)

Bowl	A	B †	C	Depth	Weight lb (kg)
Polycarbonate	3.5 (88)	7.7 (195)	1.1 (28)	2.9 (73)	2.13 (0.97)
9-Ounce Metal	3.5 (88)	7.6 (193)	1.1 (28)	3.1 (79)	2.13 (0.97)
Extended Metal	3.5 (88)	11.2 (284)	1.1 (28)	3.1 (79)	2.31 (1.05)

† Bowl removal clearance: add 3.1 (79) for 9-ounce bowl; 6.1 (155) for extended bowl.



**REPLACEMENT FILTER ELEMENT KITS**

Bowl Size	Kit Number
Standard (Std element).....	A115-117E9
Extended .....	A115-118E9

**ORDERING INFORMATION**

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

