

Full-Size SERIES 380 Modular Coalescing Filters

FCD380 Models Port Sizes: 3/8, 1/2, 3/4



Model Shown: FCD380S-4

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. Optional 15-ounce (450-ml) extended aluminum bowl with a clear nylon sight glass and higher flow filter element.

Bowl Drain: Internal automatic drain; optional manual drain or Warrior electronic drain.

Bowl Ring: Nylon.

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

Differential Pressure Gauge: Small K103-151.

Filter Element: 0.3- μ m-rated borosilicate-glass-fiber; optional 0.01- μ m-rated element (reduces flow by 20%).

Fluid Media: Compressed air.

Inlet Pressure:

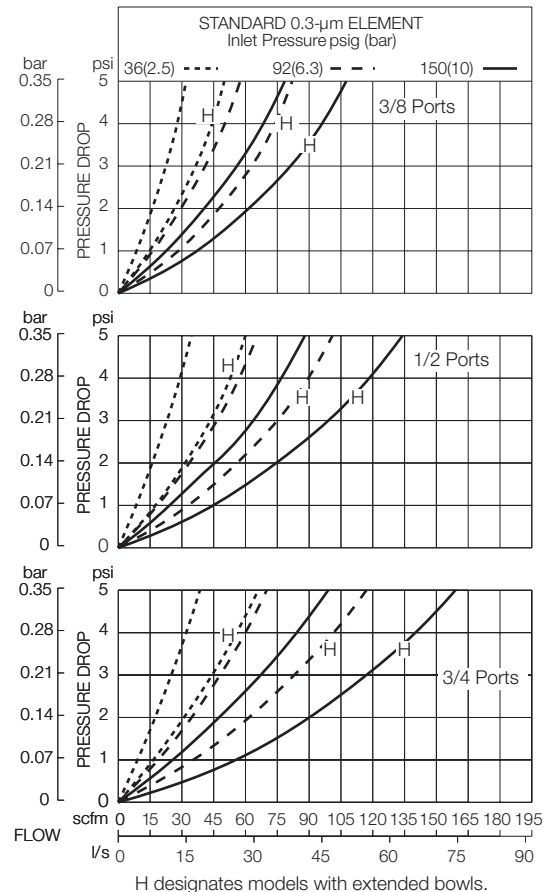
15 psig (1 bar) minimum with automatic drain.
Plastic bowl: 150 psig (10 bar).
Metal bowl: 200 psig (14 bar).

Seals: Nitrile.

- ◆ Modular or inline mounting.
- ◆ 0.3- μ m-rated coalescing filter element; optional 0.01- μ m-rated element.
- ◆ Polycarbonate plastic bowl with steel shatter-guard; optional metal bowl with sight glass.
- ◆ Optional extended metal bowl with higher capacity filter element included.
- ◆ Differential pressure gauge to indicate when filter element needs changing.
- ◆ Internal automatic bowl drain; optional manual drain or Warrior electronic drain.
- ◆ NPTF port threads; optional SAE or BSPP threads.

APPLICATION NOTE: A general purpose filter must be installed ahead of a coalescing filter to ensure good performance and to extend the life of the coalescing element.

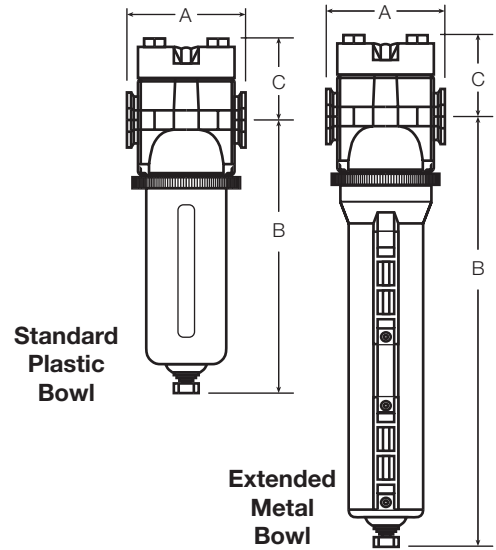
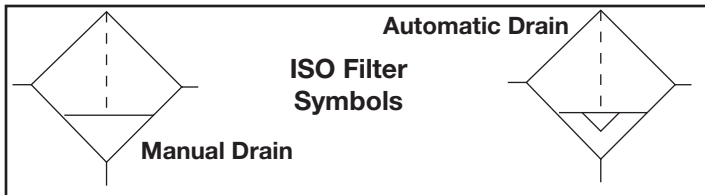
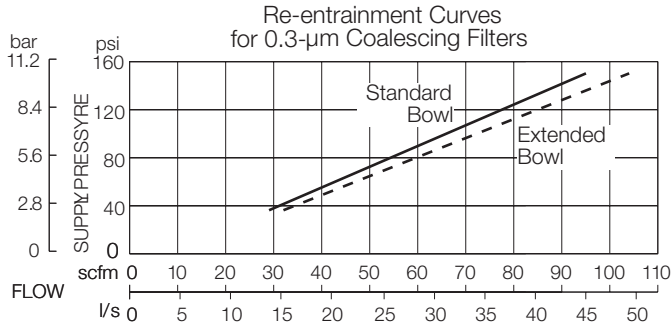
FLOW CHARTS



DIMENSIONS inches (mm)

Bowl	A	B †	C	Depth	Weight lb (kg)
Polycarbonate	3.5 (88)	7.7 (195)	2.2 (55)	2.9 (73)	2.13 (0.97)
9-Ounce Metal	3.5 (88)	7.6 (193)	2.2 (55)	3.1 (79)	2.13 (0.97)
Extended Metal	3.5 (88)	11.2 (284)	2.2 (55)	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

Element Type	Kit Number
0.3 µm Standard bowl	A115-117
0.3 µm Extended bowl	A115-118
0.01 µm Standard bowl	A115-117E8
0.01 µm Extended bowl	A115-118E8

ORDERING INFORMATION

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

B FCD 380 S - 3 Y W

BOWL TYPE

Plastic with guard Leave Blank
Metal with sight glass B

BOWL DRAIN

Internal automatic drain FCD
Manual drain FC
Warrior electronic drain; FC2A
only with metal bowl

BOWL SIZE

Standard 9-ounce 380
Extended 15-ounce high-flow .. 380H
(metal bowl only)

DIFFERENTIAL PRESSURE GAUGE:

Delete gauge Leave Blank
Small gauge S
Large gauge L
Large gauge with reed switch E
normally open
Reed switch large gauge E2
normally closed

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

PORT TYPE

NPTF Threads Leave Blank
BSP 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
0.01-µm-rated filter element E8
Delete bowl drain; 1/4 NPT LDC
female port instead (metal bowl only)

DIFFERENTIAL PRESSURE GAUGES



Small Slide Gauge
K103-151



Large Dual Face Gauge
106-35



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