

High-Capacity VANGUARD Coalescing Filters

FCD101 Models Port Sizes: 3/4, 1



Model Shown: FCD101-6

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: Aluminum.

Bowl: 16-Ounce (480-ml) capacity polycarbonate plastic with steel shatterguard; optional aluminum bowl with clear nylon sight glass.

Bowl Drain:

Internal automatic drain; optional manual drain.

Bowl Ring: Aluminum.

Differential Pressure Gauge: 106-35.

Filter Element: 0.3- μ m-rated borosilicate-glass-fiber coalescing element; optional 0.01- μ m-rated element.

Fluid Media: Compressed air.

Inlet Pressure:

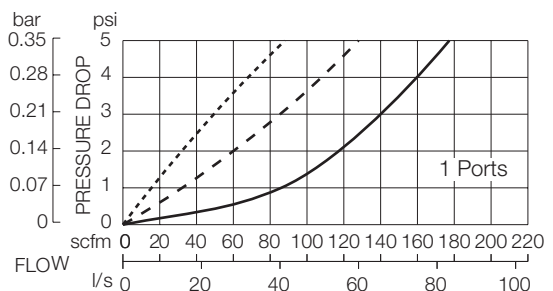
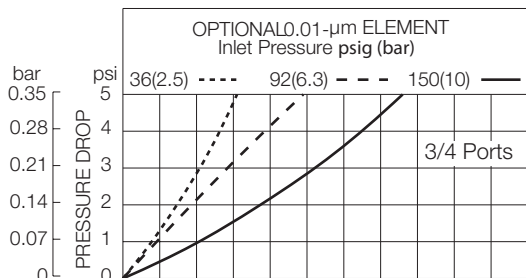
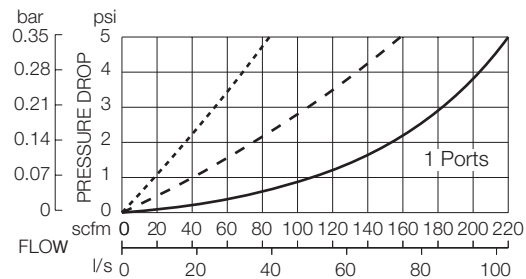
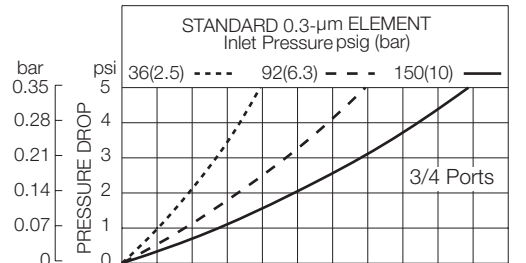
15 psig (1 bar) minimum with automatic drain.
Plastic Bowl: 150 psig (10 bar) maximum.
Metal Bowl: 200 psig (14 bar) maximum.

Seals: Nitrile.

- ◆ Inline mounting.
- ◆ 0.3- μ m-rated coalescing filter element; optional 0.01- μ m element.
- ◆ Differential pressure gauge.
- ◆ High-strength polycarbonate plastic filter bowl with steel shatterguard; optional aluminum bowl with clear nylon sight glass.
- ◆ Internal automatic drain; optional manual drain.
- ◆ **NPTF** port threads; optional **SAE** or **BSP** threads.

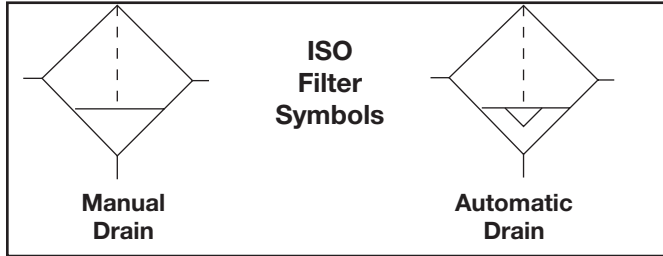
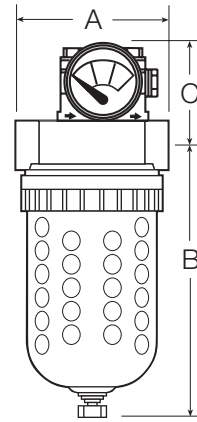
APPLICATION NOTE: A general purpose filter must be installed ahead of a coalescing filter to ensure good performance and to extend the life of the coalescing element.

FLOW CHARTS



DIMENSIONS inches (cm)

Bowl	A	B	C	Depth	Weight lb (kg)
Plastic	4.5 (114)	8.0 (203)	3.1 (78)	4.5 (114)	2.38 (1.09)
Metal	4.5 (114)	8.3 (210)	3.1 (78)	4.5 (114)	3.20 (1.46)



REPLACEMENT FILTER ELEMENT KITS

Element Rating	Kit Number
0.3 μm (Std element)	A109-106
0.01 μm	
For models with E8 option	A109-106E8

ORDERING INFORMATION

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

B FCD 101 - 6 Y W

BOWL TYPE

Plastic bowl Leave blank
Metal bowl B

BOWL DRAIN

Internal automatic drain FCD
Manual drain FC

DIFFERENTIAL PRESSURE GAUGE

Standard large 106-35 gauge 101
Small K103-151 gauge 101S
Large gauge with reed switch 101E
normally open
Large gauge with reed switch 101E2
normally closed

PORT TYPE

NPTF Threads Leave Blank
BSPP threads W

OPTIONS: (More than one option can be chosen)

None Leave Blank
0.01- μm -rated element E8
Delete bowl drain; 1/4 NPT LDC
female port instead
Delete differential pressure NG
gauge

PORT SIZE

3/4 NPTF 6
1 NPTF 8
1-1/16-12 UNF SAE S12
1-5/16-12 UNF SAE S16

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)