

High-Flow VANGUARD Coalescing Filters

BFC6A401H Model Port Size: 2



- ◆ Inline mounting.
- ◆ 0.3- μm -rated coalescing filter element; optional 0.01- μm element.
- ◆ Differential pressure gauge.
- ◆ Aluminum metal bowl.
- ◆ Internal float drain; optional manual drain or external Hydro-Jector 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.

Model Shown: BFC6A401HL-16

SPECIFICATIONS

Ambient/Media Temperature:

Manual drain: 40° to 175°F (4° to 79°C).

Float, hydro-jector drain: 40° to 150°F (4° to 66°C).

Body: Aluminum.

Bowl: 230-Ounce (6802ml) capacity aluminum bowl; has higher flow filter element.

Bowl Drain:

Internal automatic float drain; optional manual drain or external hydro-jector drain.

Differential Pressure Gauge: 106-35.

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

Fluid Media: Compressed air.

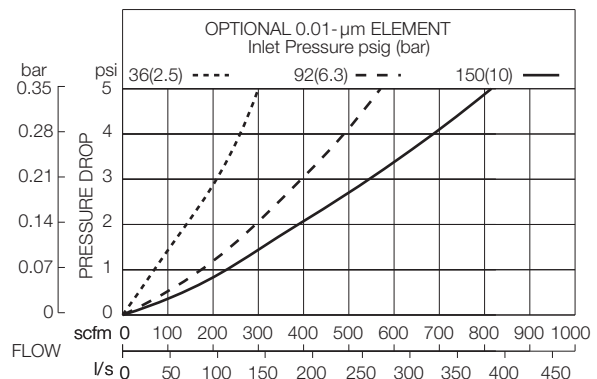
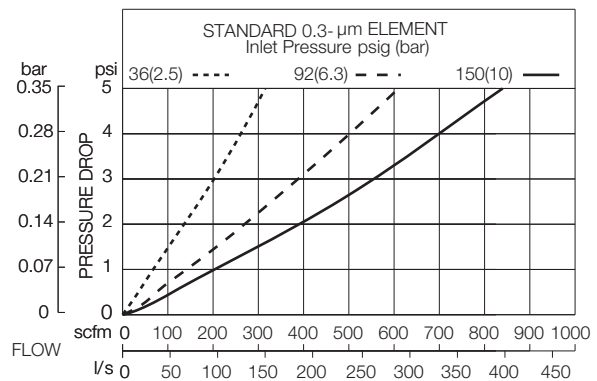
Inlet Pressure:

Float drain: 30 psig (2.1 bar) minimum 200 psig (14 bar) maximum.

Manual drain: 0 psig (0 bar) minimum 300 psig (21 bar) maximum.

Seals: Nitrile.

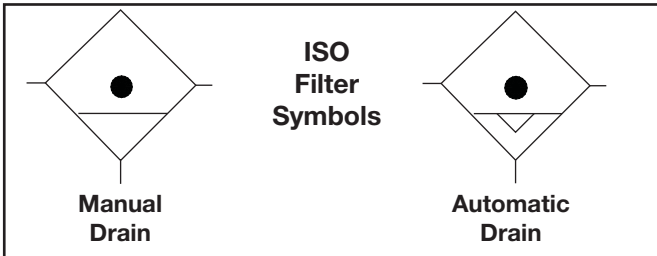
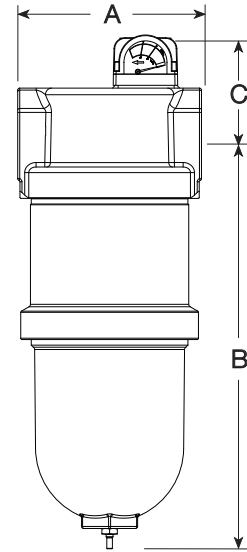
FLOW CHARTS



DIMENSIONS inches (cm)

A	B *	C	Depth	Weight * lb (kg)
8.1 (204.7)	18.3 (465.1)	4.6 (117.4)	8.0 (203.2)	26 (11.8)

* = With hydro-jector external drain, dimension B is increased by 8.0 inches (203 mm), and weight is increased by 2.56 pounds (1.18 kg)



REPLACEMENT FILTER ELEMENT KITS

Element Rating	Kit Number
0.3 µm (Std element).....	A106-24L
0.01 µm For model with E8 option.....	A106-24LE8

ORDERING INFORMATION

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

B FC6A 401H L - 16 E8 W

DRAIN TYPE

- Internal automatic float drain (*brass stem*) ...FC6A
- Manual Drain FC
- External Hydro-Jector drain FC7AE
- No drain (*less drain cock*) FC7A

DIFFERENTIAL PRESSURE GAUGE

- No gauge Leave Blank
- Large differential pressure gauge ... L
- Small differential pressure gauge ... S
- Large differential pressure gauge ... E
with normally open reed switch.
- Large differential pressure gauge ... E2
with normally closed reed switch.

PORT TYPE

- NPTF Leave Blank
- BSPB W

ELEMENT TYPE

- 0.3-µm element Leave Blank
- 0.01-µm element E8

PORT SIZE

- 1-1/4 NPTF 16
- 2-1/2-12 UNF SAE S32

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*)

**VANGUARD High-Flow
Coalescing Filter, BFC6A401H**