

High-Flow VANGUARD Coalescing Filters

BFC6A401H Model Port Size: 2



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.

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.

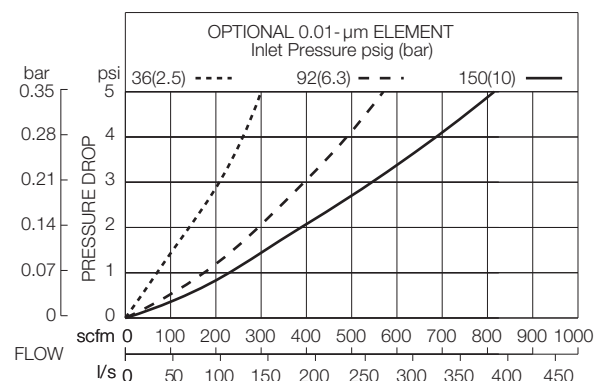
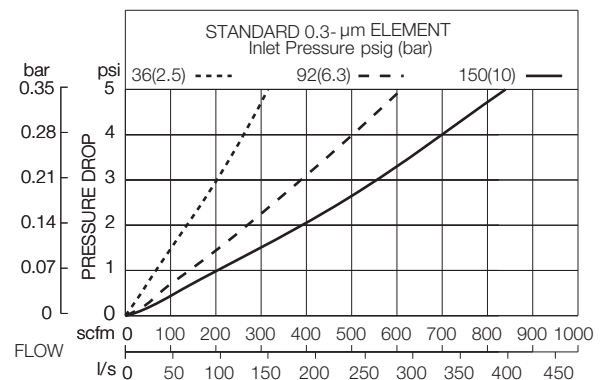
Manual drain: 0 psig (0 bar) minimum 300 psig (21 bar) maximum.

Seals: Nitrile.

- ◆ Inline mounting.
- ◆ 0.3- μm -rated coalescing filter element; optional 0.01- μm element.
- ◆ Differential pressure gauge.
- ◆ Aluminum bowl.
- ◆ Internal float drain; optional manual drain.
- ◆ NPTF port threads; optional BSPP threads.

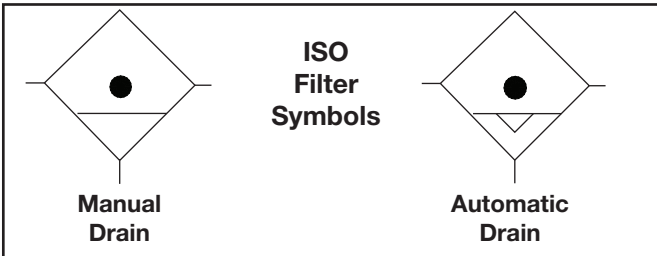
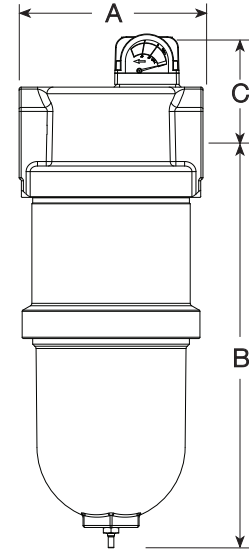
APPLICATION NOTE: A general purpose filter must be installed ahead of a coalescing filter to ensure good performance and to extend the life of the coalescing element.

FLOW CHARTS



DIMENSIONS inches (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) |



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
- 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
- BSPP W

ELEMENT TYPE

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

PORT SIZE

- 2 NPTF 16

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)