

# 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 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- $\mu$ m-rated borosilicate-glass-fiber coalescing element; optional 0.01- $\mu$ m-rated element.

**Fluid Media:** Compressed air.

### Inlet Pressure:

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

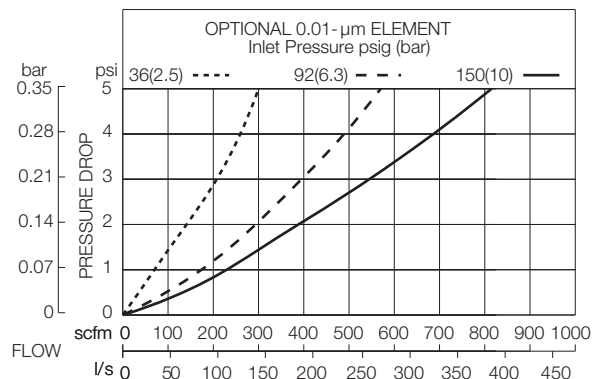
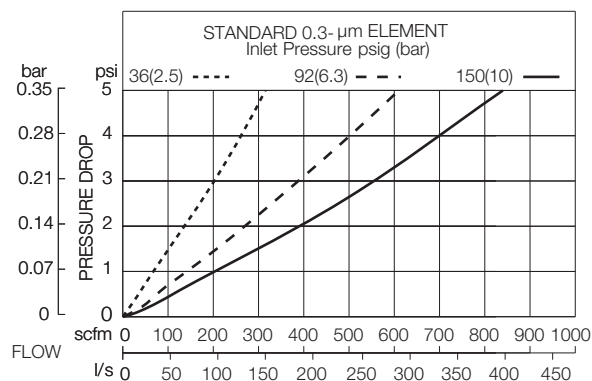
**Manual drain:** 0 psig (0 bar) minimum 300 psig (21 bar) maximum.

**Seals:** Nitrile.

- ◆ Inline mounting.
- ◆ 0.3- $\mu$ m-rated coalescing filter element; optional 0.01- $\mu$ m 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



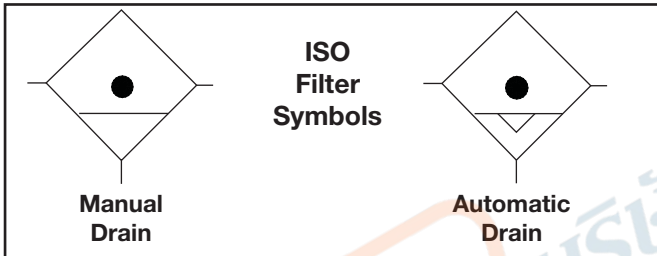
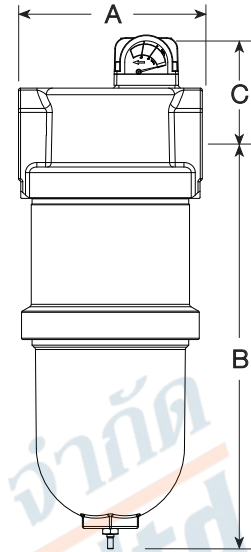
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**DIMENSIONS** inches (cm)

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



**REPLACEMENT FILTER ELEMENT KITS**

| Element Rating                           | Kit Number |
|--|------------|
| 0.3 µm (Std element).....                | A106-24L   |
| 0.01 µm<br>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)



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