

# High-Flow VANGUARD Coalescing Filters

# BFC6A401H Model Port Size: 2



Model Shown: BFC6A401HL-16

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

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

**Fluid Media:** Compressed air.

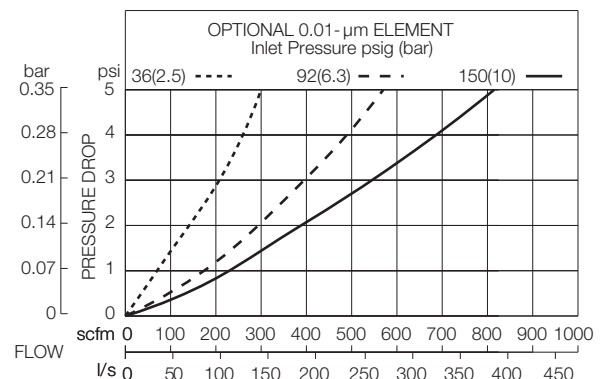
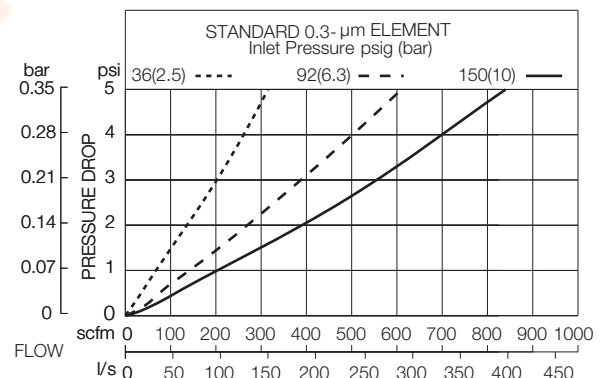
### Inlet Pressure:

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

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

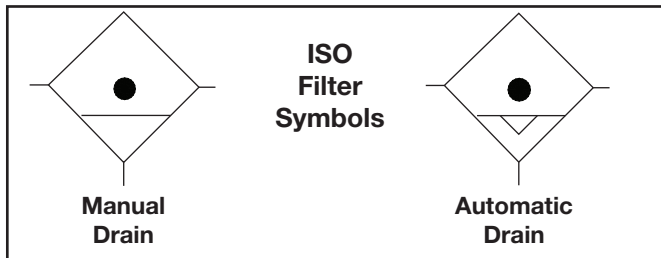
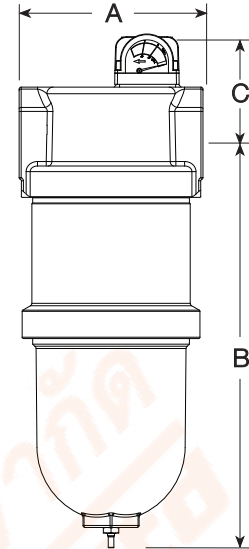
**Seals:** Nitrile.

## 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)



**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)



บริษัท ฟลูเทค จำกัด  
FLU - TECH CO., TD

845/3-4 หมู่ 3 ถ.เทพารักษ์ ต.เทพารักษ์ อ.เมือง จ.สมุทรปราการ 102070  
845/3-4 Thepharak RD., T. Thepharak, A. Muang, Samutprakan 10270 THAILAND  
Tel. 0 2384 6060, Fax 0 2384 5701, Email : sales@flutech.co.th, www.flutech.co.th