

High-Flow VANGUARD Coalescing Filters



Model Shown: BFC6A401L-10

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: 120-Ounce (3548ml) capacity aluminum bowl. Optional 230-ounce (6802ml) extended 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- μ m-rated borosilicate-glass-fiber coalescing element; optional 0.01- μ 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.

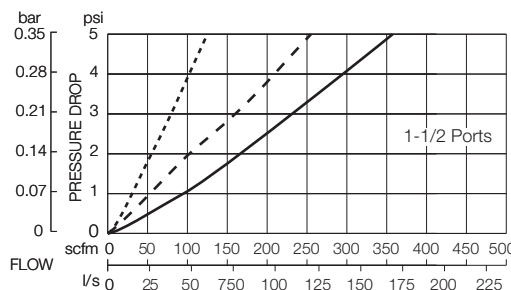
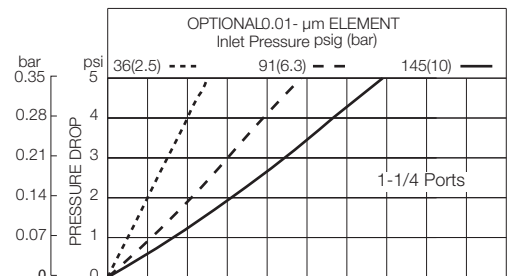
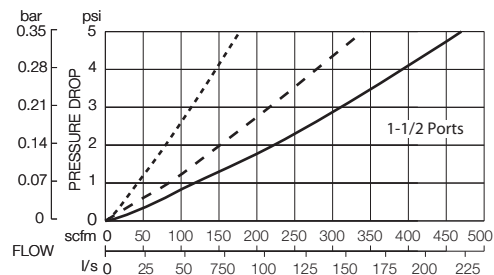
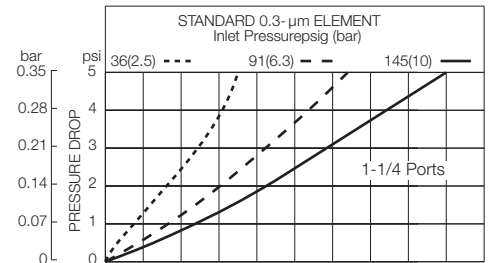
Seals: Nitrile.

BFC6A401 Models Port Sizes: 1-1/4, 1-1/2

- ◆ Inline mounting.
- ◆ 0.3- μ m-rated coalescing filter element; optional 0.01- μ m element.
- ◆ Differential pressure gauge.
- ◆ Aluminum bowl.
- ◆ Optional extended bowl with higher capacity filter element for greater air flow.
- ◆ Internal float drain; optional manual drain.
- ◆ NPTF port threads; optional BSPP threads.

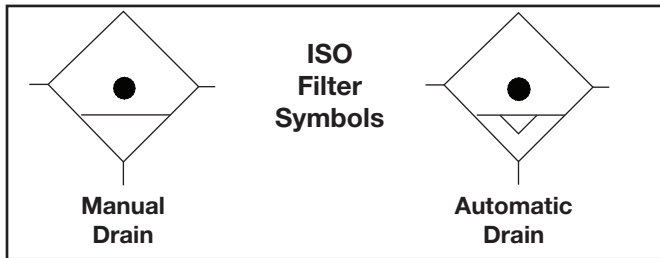
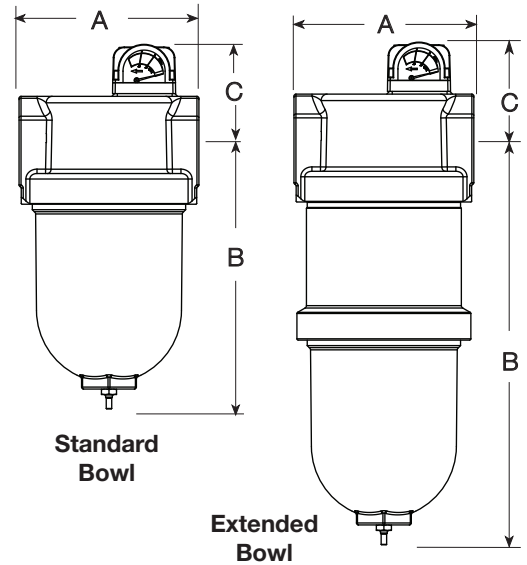
APPLICATION NOTE: A general purpose filter must be installed ahead of a coalescing filter to ensure good performance and to extend the life of the coalescing element.

FLOW CHARTS



DIMENSIONS inches (mm)

Bowl	A	B *	C	Depth	Weight * lb (kg)
Standard	8.1 (204.7)	12 (305.1)	4.6 (117.4)	8 (203.2)	17 (7.8)
Extended	8.1 (204.7)	18.3 (465.1)	4.6 (117.4)	8 (203.2)	26 (11.8)



REPLACEMENT FILTER ELEMENT KITS

Element Type	Kit Number
0.3 µm Standard bowl (Std element)	A106-24
0.3 µm Extended bowl	A106-24L
Models with E8 option:	
0.01 µm Standard bowl	A106-24E8
0.01 µm Extended bowl	A106-24LE8

ORDERING INFORMATION

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

B FC6A 401 H L - 10 E8 W

DRAIN TYPE

Internal automatic float drain (*brass stem*) ...FC6A
 Manual Drain FC
 No drain (*less drain cock*) FC7A

BOWL SIZE

Standard Bowl Leave Blank
 Extended Bowl H

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

1-1/4 NPTF 10
 1-1/2 NPTF 12

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)

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.

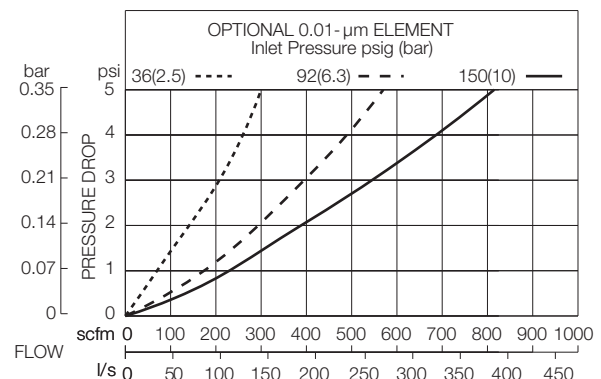
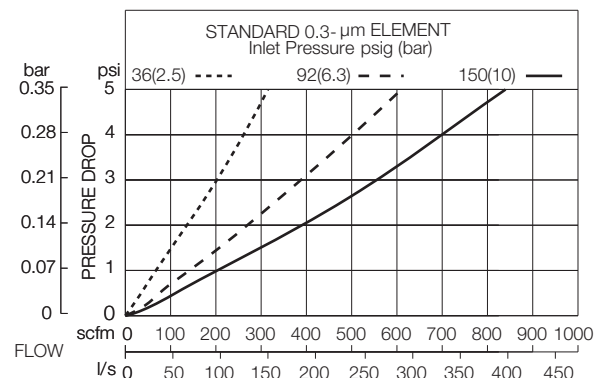
Manual drain: 0 psig (0 bar) minimum 300 psig (21 bar) maximum.

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.

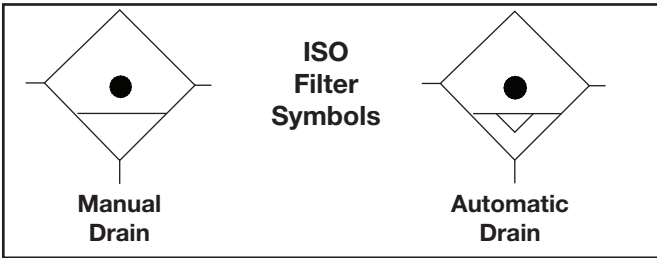
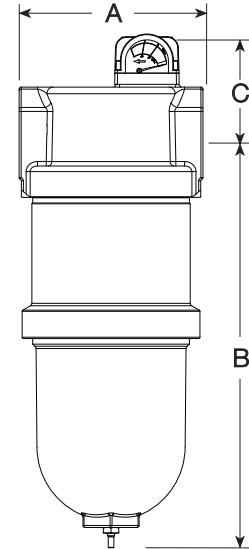
APPLICATION NOTE: A general purpose filter must be installed ahead of a coalescing filter to ensure good performance and to extend the life of the coalescing element.

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)