

# High-Flow VANGUARD Coalescing Filters

# BFCD201 Models Port Sizes: 3/4, 1



Model Shown: BFCD201-6

## SPECIFICATIONS

### Ambient/Media Temperature:

Manual & auto drains: 40° to 175°F (4° to 79°C).  
Float drains: 40° to 150°F (4° to 66°C).

**Body:** Aluminum.

**Bowl:** 35-Ounce (1050-ml) capacity aluminum bowl. Optional 62-ounce (1860-ml) extended aluminum bowl has higher capacity filter element for increased air flow.

### Bowl Drain:

Internal automatic drain; optional manual drain and internal float drain.

**Bowl Ring:** Aluminum.

**Differential Pressure Gauge:** Large 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:

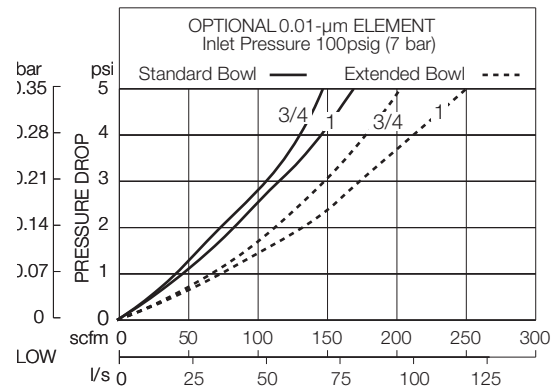
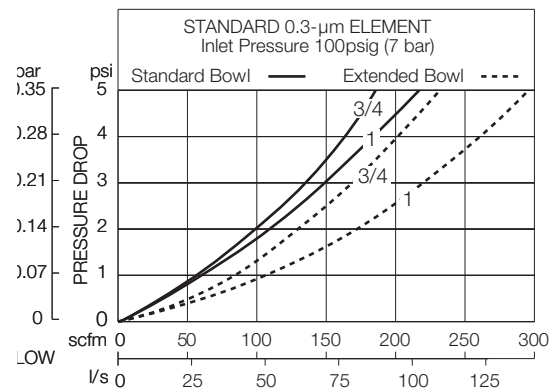
Minimum: 15 psig (1 bar) with automatic drain, 30 psig (2 bar) with internal float drain.  
200 psig (14 bar) maximum.

**Seals:** Nitrile.

- ◆ Inline mounting.
- ◆ 0.3- $\mu\text{m}$ -rated coalescing filter element; optional 0.01- $\mu\text{m}$  element.
- ◆ Differential pressure gauge.
- ◆ Aluminum bowl.
- ◆ Internal automatic drain; optional manual drain and internal float drain.
- ◆ NPTF port threads; optional BSPP threads.

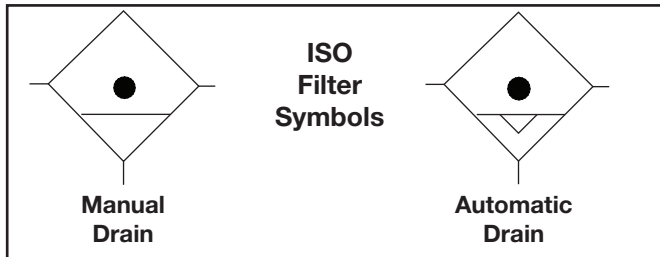
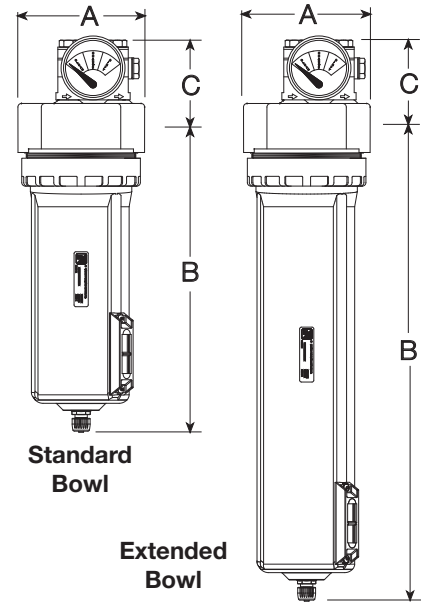
**APPLICATION NOTE:** A general purpose filter must be installed ahead of a coalescing filter to ensure good performance and to extend the life of the coalescing element.

## FLOW CHARTS



## DIMENSIONS inches (mm)

Bowl	A	B	C	Depth	Weight lb (kg)
Standard	4.5 (114)	10.1 (257)	3.3 (83)	4.2 (106)	3.50 (1.59)
Extended	4.5 (114)	15.7 (399)	3.3 (83)	4.2 (106)	4.25 (1.91)



### ORDERING INFORMATION

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

**B F C D 201 - 6 Y W**

#### BOWL DRAIN

- Internal automatic drain ..... B F C D
- Manual Drain ..... B F C
- Internal Float drain (*brass stem*) .... B F C 6 A

#### BOWL SIZE & DIFFERENTIAL PRESSURE GAUGE

- Standard bowl, no gauge..... 201  
Also add 'NG' under **Option Menu**.
- Standard bowl & large gauge ..... 201
- Standard bowl & small gauge ..... 201S
- Standard bowl & large gauge with .. 201E  
normally open reed switch.
- Standard bowl & large gauge with .. 201E2  
normally closed reed switch.
- Extended bowl, no gauge..... 201H  
Also add 'NG' under **Option Menu**.
- Extended bowl & large gauge ..... 201H
- Extended bowl & small gauge ..... 201HS
- Extended bowl & large gauge with .. 201HE  
normally open reed switch.
- Extended Bowl & large gauge with .. 201HE2  
normally closed reed switch.

#### PORT SIZE

- 3/4 NPTF ..... 6
- 1 NPTF ..... 8

### REPLACEMENT FILTER ELEMENT KITS

Model	Element Rating	Kit Number
Standard bowl	0.3-µm (Std element)	A114-112
With E8 option	0.01-µm	A114-112E8
Extended bowl	0.3-µm	A114-113
With E8 option	0.01-µm	A114-113E8

#### PORT TYPE

- NPTF threads ..... Leave blank
- BSPF threads ..... W

**OPTIONS:** (*More than one option can be chosen. Add in alphabetical order*)

- None ..... Leave blank
- 0.3-µm-rated element ..... Leave blank
- 0.01-µm-rated element ..... E8
- No bowl drain ..... LDC  
*(1/4-NPT female port instead.)*  
Use 'BFC' option under **BOWL DRAIN** menu.
- No differential pressure gauge ... NG

#### DIFFERENTIAL PRESSURE GAUGES



**Small Slide Gauge**  
103-151



**Large Dual Face Gauge**  
106-35



**Large Dual Face Gauge with Reed Switch**  
106-35E (*Normally Open*)  
106-35EC (*Normally Closed*)