

# High-Flow VANGUARD General Purpose Filters



Model Shown: BFD200-10

## 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 (1 liter) aluminum bowl with clear nylon sight glass.

**Bowl Drain:** Internal automatic drain; optional manual drain, internal float drain, or external Hydro-Jector drain.

**Bowl Ring:** Aluminum.

**Differential Pressure Gauge:** Optional.

**Filter Element:** 40- $\mu$ m-rated sintered bronze; optional 5- $\mu$ m sintered bronze.

**Fluid Media:** Compressed air.

### Inlet Pressure:

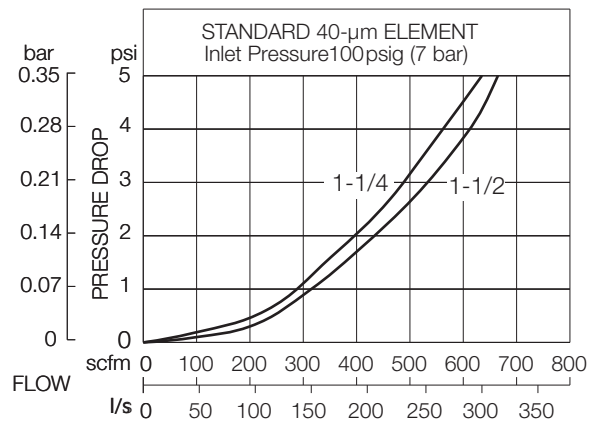
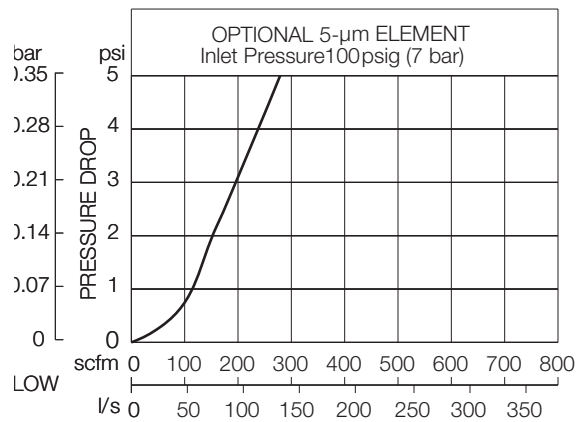
Minimum: 15 psig (1 bar) with automatic drain 30 psig (2 bar) with float drain.  
 200 psig (14 bar) maximum.

**Seals:** Nitrile.

# BFD200 Models Port Sizes: 1-1/4, 1-1/2

- ◆ Inline mounting.
- ◆ 40- $\mu$ m-rated sintered bronze filter element; optional 5- $\mu$ m-rated sintered bronze element.
- ◆ Aluminum bowl with clear nylon sight glass.
- ◆ Optional differential pressure gauge.
- ◆ Internal automatic drain; optional manual drain, internal float drain, or external Hydro-Jector drain.
- ◆ **NPTF** port threads; optional or **BSPP** threads.

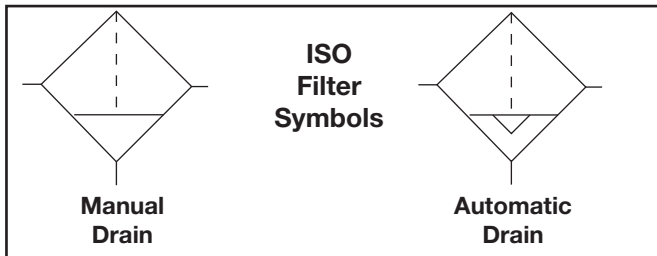
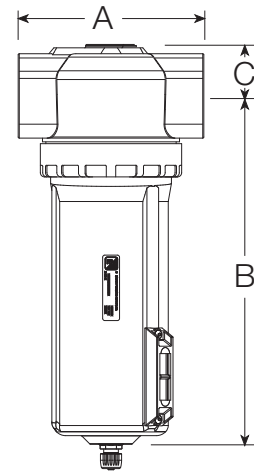
## FLOW CHARTS



## DIMENSIONS inches (mm)

A	B †	C	Depth	Weight † lb (kg)
5.5 (140)	10.7 (271)	1.4 (36)	4.2 (106)	4.50 (2.04)

† With Hydro-Jector external drain, dimension B is increased by 8.0 inches (203 mm), and weight is increased by 2.56 pounds (1.18 kg).



## REPLACEMENT FILTER ELEMENT KITS

Element Type	Kit Number
40-µm bronze (Std element)	A114-106E3
5-µm bronze	A114-106E5

## ORDERING INFORMATION

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

**BFD 200 - 10 Y W**

### BOWL AND DRAIN TYPE

- Metal bowl, internal automatic drain ..... BFD
- Metal bowl, manual drain ..... BF
- Metal bowl, internal float drain ..... BF6A  
(Brass stem).
- Metal bowl, external Hydro-Jector ..... BFE  
drain (LDC option is not needed;  
under **OPTIONS**).
- Metal bowl, warrior electronic drain ..... BF2A

### HEAD TYPE and DIFFERENTIAL PRESSURE GAUGE

- No tapped ports on head, no gauge ..... 200
- Tapped ports on head, large gauge ..... 201
- Tapped ports on head, small gauge ..... 201S
- Tapped ports on head, large gauge ..... 201E  
with normally **open** reed switch.
- Tapped ports on head, large gauge ..... 201E2  
with normally **closed** reed switch.

### PORT TYPE

- NPTF threads ..... Leave blank
- BSPP threads ..... W

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

- None ..... Leave blank
- 5-µm rating bronze element ..... E5
- 40-µm rating bronze element ... Leave blank
- Less drain cock ..... LDC  
(1/4 NPT female port instead. Also  
use 'BF' option under **BOWL AND  
DRAIN TYPE** section.)

### PORT SIZE

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

## 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)