

High-Flow VANGUARD General Purpose Filters

BFD200 Models Port Sizes: 3/4, 1



Model Shown: BFD200-6

- ◆ Inline mounting.
- ◆ 40- μm -rated sintered bronze filter element; optional 5- μm -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 BSPP threads.

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- μm -rated sintered bronze; optional 5- μm sintered bronze.

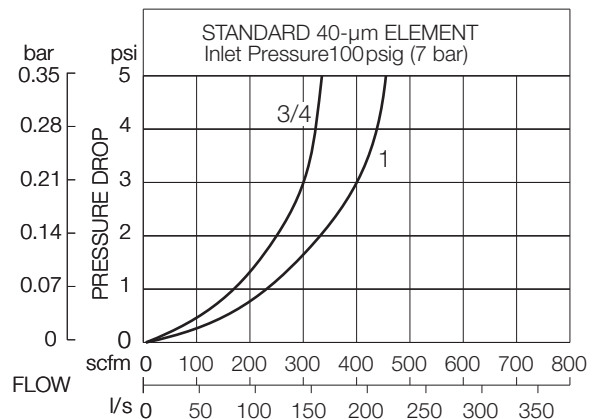
Fluid Media: Compressed air.

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.

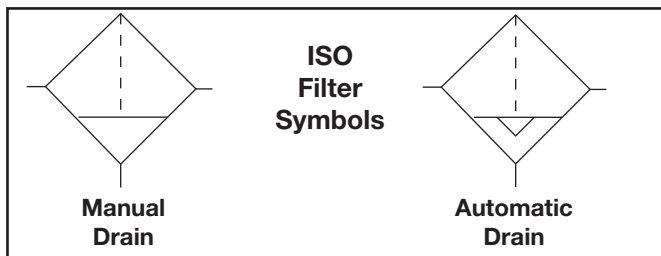
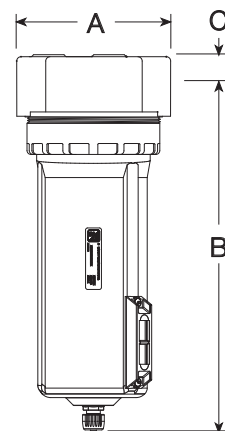
FLOW CHART



DIMENSIONS inches (mm)

| A | B † | C | Depth | Weight † lb (kg) |
|--------------|---------------|-------------|--------------|---------------------|
| 4.5 (114) | 10.3 (263) | 1.0 (25) | 4.2 (106) | 4.25 (193) |

† 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 - 6 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

- 3/4 NPTF 6
- 1 NPTF 8

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)