

High-Capacity VANGUARD General Purpose Filters

BFD100 Models Port Sizes: 1-1/4, 1-1/2, & 2



Model Shown: BFD100-10



SPECIFICATIONS

Ambient/Media Temperature:

40° to 175°F (4° to 79°C).

Body: Aluminum.

Bowl: 123-Ounce (3700-ml) capacity aluminum bowl.

Bowl Drain: Internal automatic drain; optional manual drain or external Hydro-Jector drain.

Filter Element: 40- μ m-rated sintered bronze; optional 5- μ m sintered bronze.

Fluid Media: Compressed air.

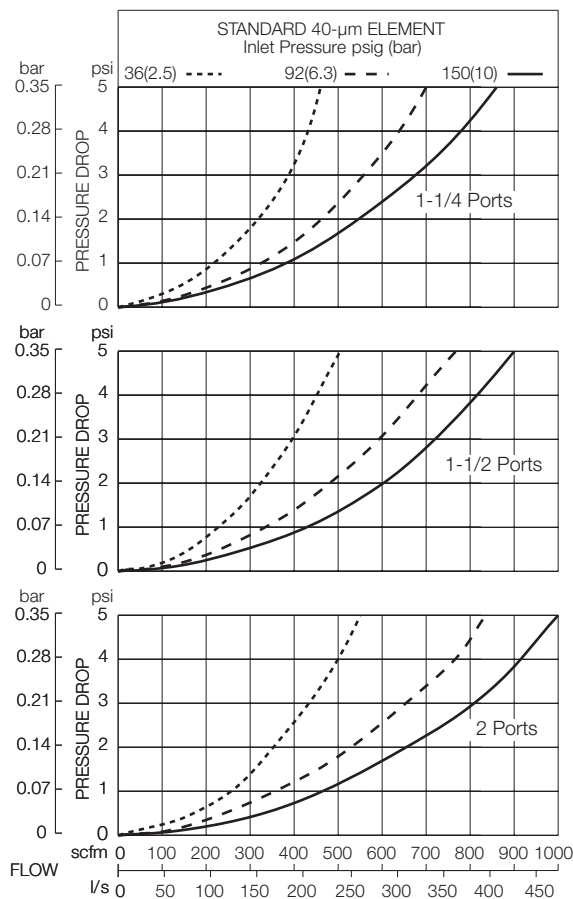
Inlet Pressure:

15 psig (1 bar) minimum with automatic drain.
200 psig (14 bar) maximum.

Seals: Nitrile.

- ◆ Inline mounting.
- ◆ 40- μ m-rated sintered bronze filter element; optional 5- μ m sintered bronze element.
- ◆ Aluminum bowl.
- ◆ Internal automatic drain; optional manual drain or external Hydro-Jector drain.
- ◆ **NPTF** port threads; optional **SAE** or **BSPP** threads.

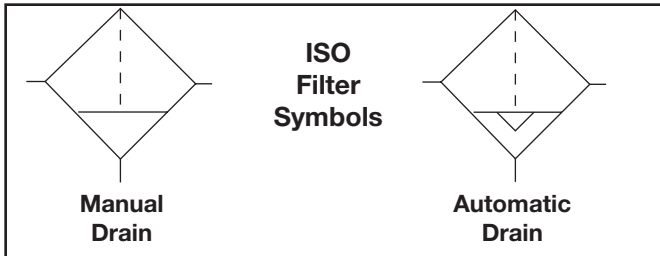
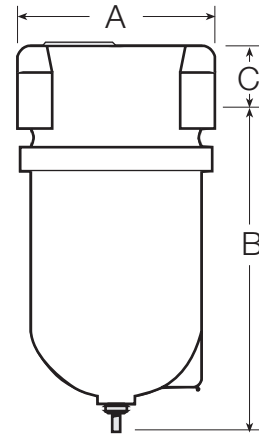
FLOW CHARTS



DIMENSIONS inches (mm)

A	B †	C	Depth	Weight † lb (kg)
8.0 (203)	13.3 (337)	1.8 (45)	7.3 (186)	14.3 (6.59)

† 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)	K106-33
5-µm bronze	K106-33E5

ORDERING INFORMATION

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

B FD 100 - 10 Y W

BOWL DRAIN

- Internal automatic drain FD
- Manual drain..... F
- External Hydro-Jector drain FE

DIFFERENTIAL PRESSURE GAUGE

- No gauge 100
- Large gauge 101
- Small gauge 101S
- Reed Switch Large Gauge 101E normally open.
- Reed Switch Large Gauge 101E2 normally closed.

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)

PORT TYPE

- NPTF Threads Leave Blank
- BSPP threads W

OPTIONS: (More than one option can be chosen)

- None Leave Blank
- Sintered bronze filter element
5-µm rating E5
- Delete bowl drain; 1/4 NPT LDC female port instead

PORT SIZE

- 1-1/4 NPTF 10
- 1-1/2 NPTF 12
- 2 NPTF 16
- 1-5/8-12 UNF SAE S20
- 1-7/8-12 UNF SAE S24