

High-Capacity VANGUARD General Purpose Filters

BFD200 Models Port Sizes: 3/4, 1



Model Shown: BFD200-6

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

SPECIFICATIONS

Ambient/Media Temperature:

40° to 175°F (4° to 79°C).

Body: Aluminum.

Bowl: 35-Ounce (1 liter) aluminum bowl with clear nylon sight glass.

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

Bowl Ring: Aluminum.

Differential Pressure Gauge: Optional.

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

Fluid Media: Compressed air.

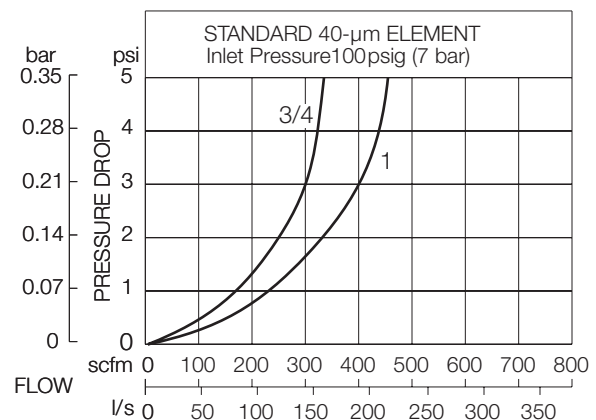
Inlet Pressure:

15 psig (1 bar) minimum with automatic drain.

200 psig (14 bar) maximum.

Seals: Nitrile.

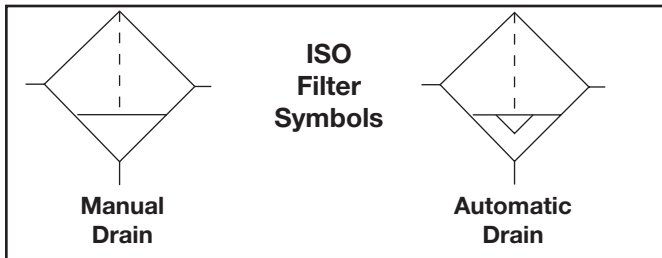
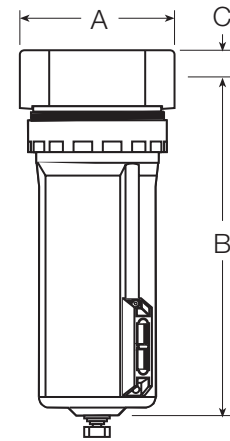
FLOW CHART



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.

B FD 200 - 6 Y W

BOWL DRAIN

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

DIFFERENTIAL PRESSURE GAUGE

No gauge 200
 Large gauge 201
 Small Gauge 201S
 Reed Switch Large Gauge 201E normally open.
 Reed Switch Large Gauge 201E2 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 ... E5
 5-µm rating
 Delete bowl drain; 1/4 NPT LDC female port instead

PORT SIZE

3/4 NPTF..... 6
 1 NPTF..... 8
 1-1/16-12 UNF SAE S12
 1-5/16-12 UNF SAE S16

High-Capacity VANGUARD General Purpose Filters

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



Model Shown: BFD200-10

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

SPECIFICATIONS

Ambient/Media Temperature:

40° to 175°F (4° to 79°C).

Body: Aluminum.

Bowl: 35-Ounce (1 liter) aluminum bowl with clear nylon sight glass.

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

Bowl Ring: Aluminum.

Differential Pressure Gauge: Optional.

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

Fluid Media: Compressed air.

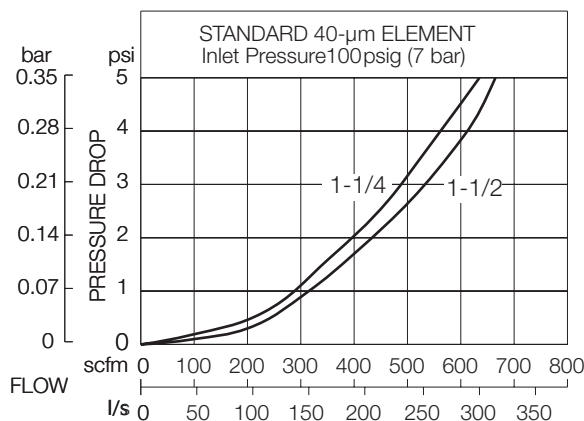
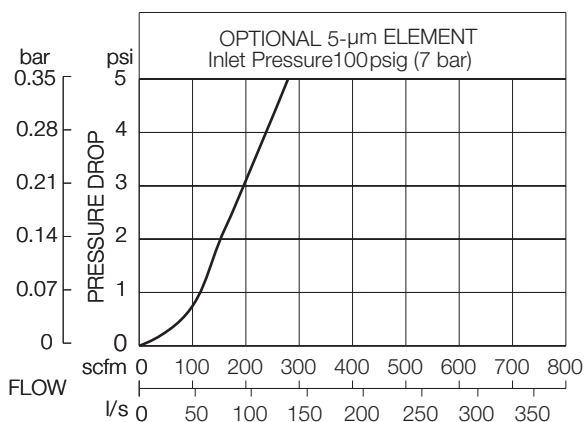
Inlet Pressure:

15 psig (1 bar) minimum with automatic drain.

200 psig (14 bar) maximum.

Seals: Nitrile.

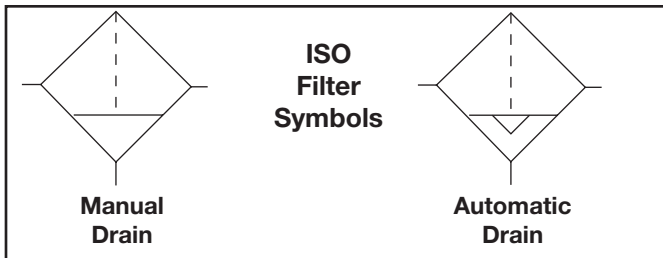
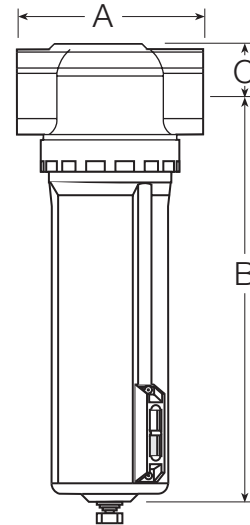
FLOW CHARTS



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.

B FD 200 - 10 Y W

BOWL DRAIN

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

DIFFERENTIAL PRESSURE GAUGE

No gauge 200
Large gauge 201
Small gauge 201S
Reed Switch Large Gauge 201E
normally open.
Reed Switch Large Gauge 201E2
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
BSPB 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
1-5/8-12 UNF SAE S20
1-7/8-12 UNF SAE S24