

GUARDSMAN II Modular General Purpose Filters

BFD70 Models Port Sizes: 1/4, 3/8, 1/2



Model Shown: BFD70-4

- ◆ Modular or inline mounting.
- ◆ 5- μ m-rated polyethylene filter element; optional sintered bronze elements.
- ◆ Metal bowl with clear nylon sight glass. Bowl can be rotated for easy readability.
- ◆ Optional extended bowl for greater sump capacity.
- ◆ Internal automatic drain; optional manual and float drain.
- ◆ NPTF port threads; optional SAE or BSPP threads.

SPECIFICATIONS

Ambient/Media Temperature:

40° to 175°F (4° to 79°C).

Body: Zinc.

Bowl: 6-Ounce (180-ml) capacity aluminum with clear nylon sight glass. Bowl can be rotated for easy readability. Optional 10-ounce (300-ml) extended aluminum bowl for greater sump capacity.

Bowl Drain:

Internal automatic drain; optional manual and internal float drain.

Bowl Ring: Nylon.

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

Fluid Media: Compressed air.

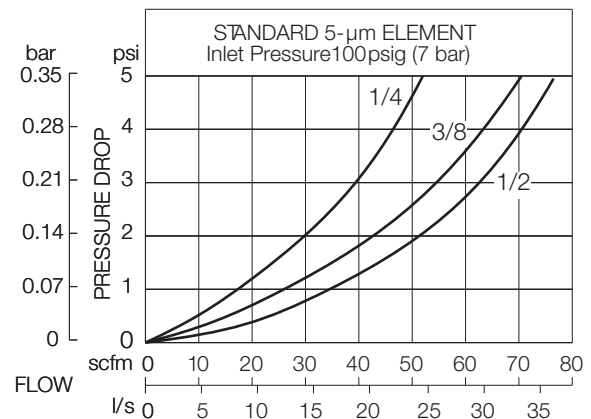
Inlet Pressure:

Minimum: 15 psig (1 bar) with automatic drain, 30 psig (42 bar) with float drain.

Maximum: 200 psig (14 bar)

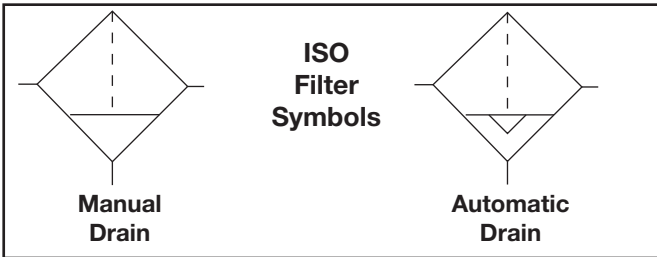
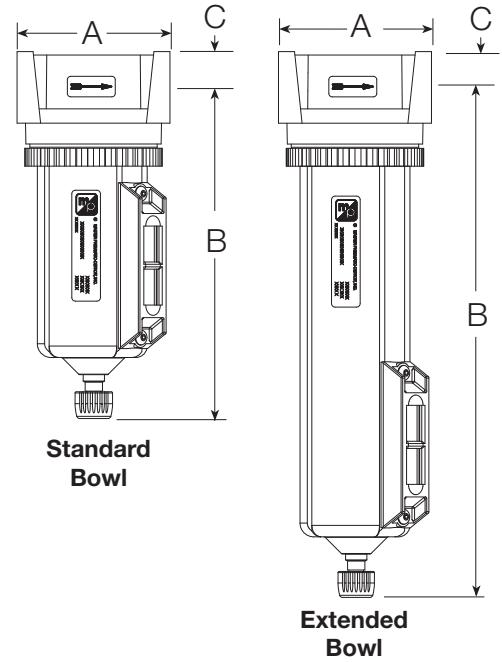
Seals: Nitrile.

FLOW CHART



DIMENSIONS inches (mm)

Bowl	A	B	C	Depth	Weight lb (kg)
Standard	2.7 (67)	6.5 (165)	0.6 (16)	2.4 (60)	1.25 (0.57)
Extended	2.7 (67)	9.5 (241)	0.6 (16)	2.4 (60)	1.50 (0.68)



REPLACEMENT FILTER ELEMENT KITS

Element Type	Kit Number
5- μ m polyethylene (Std element)	A60F-03PE5
5- μ m bronze	KA60F-03E5
40- μ m bronze	KA60F-03E3

GUARDSMAN II Modular Filter, BFD70 Series

ORDERING INFORMATION

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

B FD 70 - 2 Y W

BOWL DRAIN

- Internal automatic drain FD
- Manual drain F
- Internal float drain (**plastic stem**) F5A
- Internal Foat drain (**brass stem**) F6A

BOWL SIZE

- Standard 6-ounce bowl 70
- Extended 10-ounce bowl 70H

PORT SIZE

- 1/4 NPTF 2
- 3/8 NPTF 3
- 1/2 NPTF 4
- 9/16-18 UNF SAE S6

PORT TYPE

- As specified in **INLET PORT** Leave Blank
- BSPP** threads on both ports W

OPTIONS

Polyethylene filter element:

- 5- μ m rating Leave Blank

Bronze filter element:

- 5- μ m rating E5
- 20- μ m rating E4
- 40- μ m rating E3