

GUARDSMAN II Modular Coalescing Filters

BFCD70 Models Port Sizes: 1/4, 3/8, 1/2



Model Shown: BFCD70-4

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:

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 has higher capacity filter element for increased air flow.

Bowl Drain:

Internal automatic drain; optional manual drain and internal float drain.

Bowl Ring:

Nylon.

Differential Pressure Gauge:

A60F-28.

Filter Element: 0.3- μm -rated borosilicate-glass-fiber coalescing element. Optional 0.01- μm -rated element (reduces flow by 20%).

Fluid Media:

Compressed air.

Inlet Pressure:

Minimum: 15 psig (1 bar) with automatic drain, 30 psig (2 bar) with internal float drain.

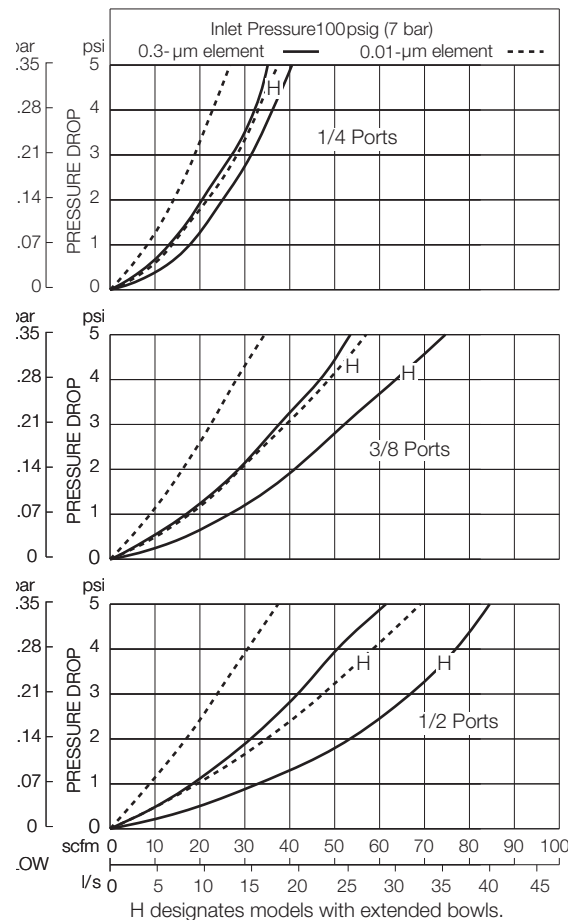
Maximum: 200 psig (14 bar).

Seals:

Nitrile.

- ◆ Modular or inline mounting.
- ◆ 0.3- μm -rated coalescing filter element; optional 0.01- μm -rated element.
- ◆ Aluminum bowl with clear nylon sight glass. Bowl can be rotated for easy readability.
- ◆ Optional extended bowl with higher flow filter element.
- ◆ Differential pressure gauge to indicate when filter element needs changing.
- ◆ Internal automatic drain; optional manual drain and internal float drain.
- ◆ NPTF port threads; optional BSPP threads.

FLOW CHARTS

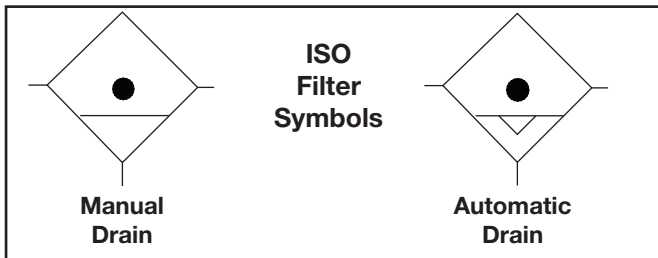
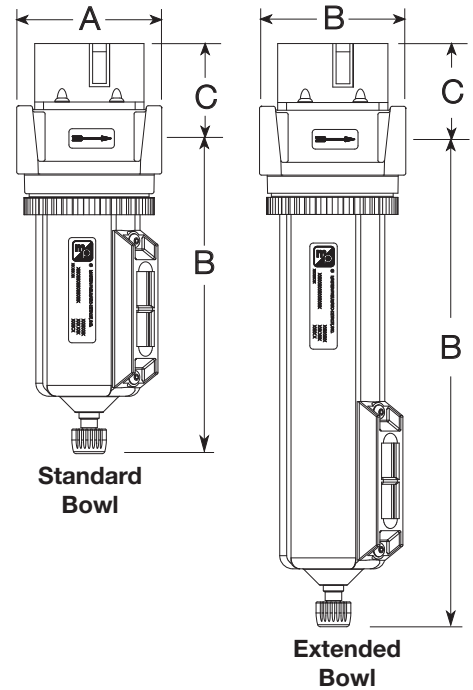


APPLICATION NOTE: A general purpose filter must be installed ahead of a coalescing filter to ensure good performance and to extend the life of the coalescing element.

DIMENSIONS inches (cm)

Bowl	A	B	C	Depth	Weight lb (kg)
Standard	2.7 (67)	6.5 (165)	1.8 (45)	2.4 (60)	1.75 (0.80)
Extended	2.7 (67)	9.5 (241)	1.8 (45)	2.4 (60)	2.00 (0.91)

Note: Remove 1.23 (3.2) from (C) dimension if no differential pressure gauge is ordered.



REPLACEMENT FILTER ELEMENT KITS

Element Type	Kit Number
0.3 µm Standard bowl (Std element).....	A60F-29
0.3 µm Extended bowl (Std element)	A60F-32
0.01 µm Standard bowl	A60F-29E8
0.01 µm Extended bowl.....	A60F-32E8

ORDERING INFORMATION

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

BFC D 70 - 2 Y W

BOWL and DRAIN TYPE

- Metal bowl, internal automatic drain BFC D
- Metal bowl, manual drain BFC
- Metal bowl, internal float drain BFC6A
(Brass stem).

BOWL SIZE

- Standard 6-ounce bowl 70
- Extended 10-ounce bowl with higher flow ... 70H
filter element.

PORT TYPE

- NPTF threads Leave blank
- BSPP threads W

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

- 0.3-µm ratingLeave blank
- 0.01-µm ratingE8
- With differential pressureLeave blank gauge.
- No differential pressure gauge .. NG

PORT SIZE

- 1/4 NPTF 2
- 3/8 NPTF 3
- 1/2 NPTF 4