

GUARDSMAN II Modular Coalescing Filters

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



Model Shown: BFCD70-4

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 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.

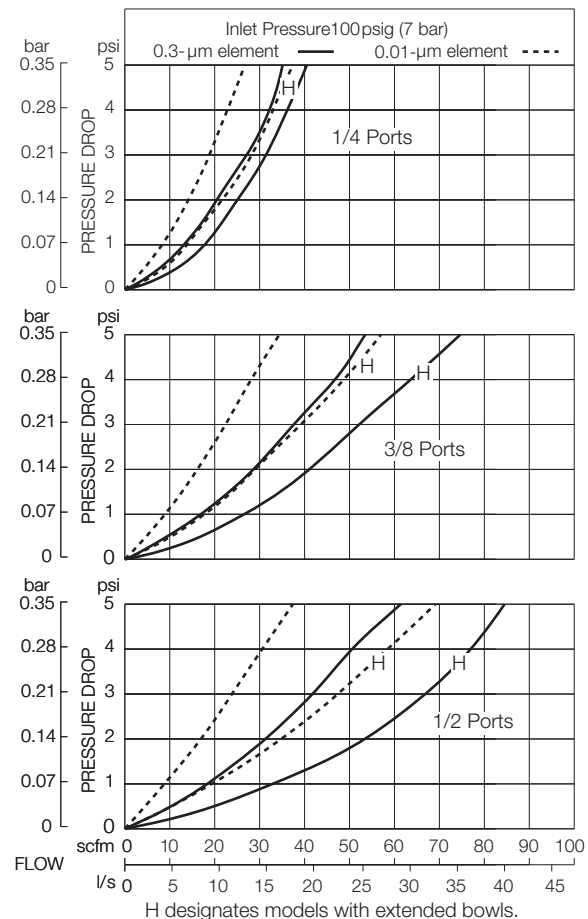
Inlet Pressure:

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 SAE or BSPP threads.

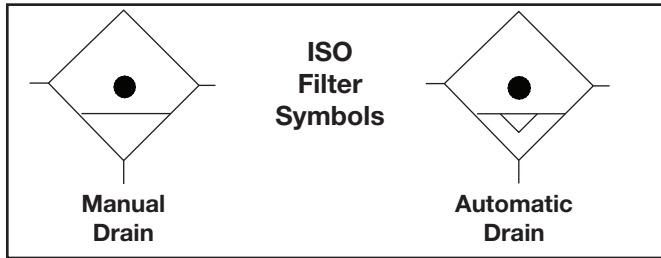
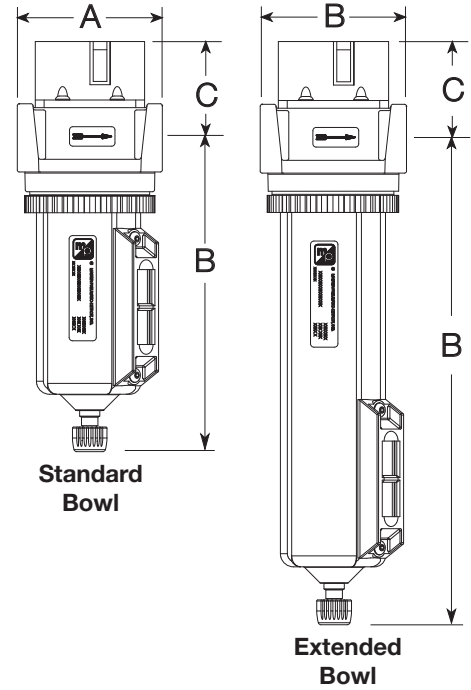
FLOW CHARTS



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) |



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.

B F C D 70 - 2 Y W

BOWL and DRAIN TYPE

- Metal bowl, internal automatic drain B F C D
- Metal bowl, manual drain B F C
- Metal bowl, internal internal float drain B F C 5 A
(Plastic stem).
- Metal bowl, internal internal float drain B F C 6 A
(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
- BSPF threads W

OPTIONS

- 0.3-µm rating Leave blank
- 0.01-µm rating E8

PORT SIZE

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