

GUARDSMAN II Modular CFDR360 & BCFDR370 Models

Integral Filter/Regulators

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



Model Shown: CFDR360-4G

Model Shown: BCFDR370-4G

- ◆ Modular or inline mounting. (Fits connectors to 360, 370 and 380 series.)
- ◆ Filter and regulator consolidated in a single assembly.
- ◆ 5- μ m-rated polyethylene filter element; optional 5- μ m-rated, 20- μ m-rated or 40- μ m-rated sintered bronze elements.
- ◆ 360 High-strength polycarbonate plastic filter bowl with zinc shatterguard; 370 aluminum 6 oz bowl with sight gauge.
- ◆ Internal automatic drain; optional manual or float drain. (Only available in metal bowl 370 series)
- ◆ Self-relieving piston-type regulator; non-relieving optional.
- ◆ Pressure gauge; two 1/4" gauge ports.
- ◆ NPTF port threads; optional SAE or BSPP threads.

SPECIFICATIONS

Ambient/Media Temperature:

Plastic bowl: 40° to 125°F (4° to 52°C)

Metal bowl: 40° to 125°F (4° to 52°C)

Body: Zinc.

Bowl: 4-Ounce (120-ml) capacity polycarbonate plastic with zinc shatterguard; Optional 6-ounce (180-ml) aluminum bowl with sight gauge.

Dome and Knob: Acetal.

Bowl Drain:

Internal automatic drain; optional manual drain or internal float drain (**370 only**).

Filter Element: 5- μ m-rated polyethylene; optional 5- μ m, 20- μ m or 40- μ m sintered bronze.

Fluid Media: Compressed air.

Inlet Pressure:

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

Plastic bowl: 150 psig (10 bar) maximum.

Metal bowl: 200 psig (14 bar) maximum.

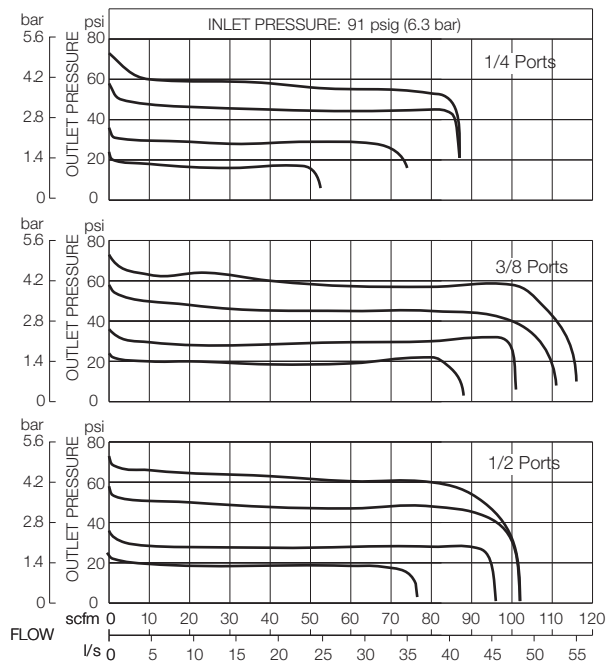
Outlet Pressure: Adjustable up to 100 psig (7 bar).

Pressure Gauge: 0 to 200 psig (14 bar); 1/4 NPT gauge ports front and rear.

Panel Mounting: 1-9/16 inch (40 mm) hole required.

Seals: Nitrile.

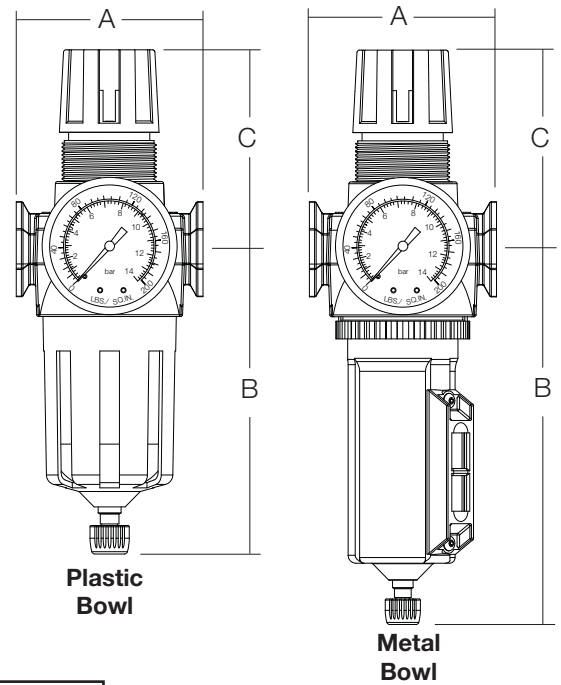
FLOW CHARTS



DIMENSIONS inches (mm)

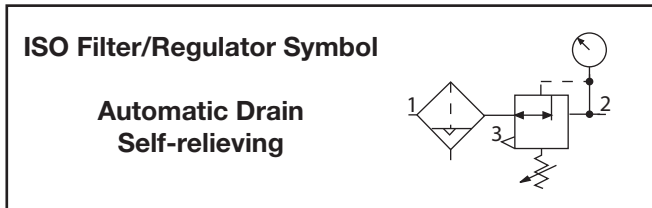
Bowl	A	B	C	Depth †	Weight † lb (kg)
Plastic (360)	3.0 (76.2)	4.8 (122.2)	3.2 (82.1)	2.5 (62.2)	1.8 (0.8)
Metal (370)	3.0 (76.2)	6.43 (163.3)	3.2 (82.1)	2.5 (62.2)	1.8 (0.8)

† Less gauge



REPLACEMENT FILTER ELEMENT KITS

Element Type	Kit Number
5-µm polyethylene (Std element).....	KA60F-03
5-µm bronze	KA60F-03E5
20-µm bronze	KA60F-03E4
40-µm bronze	KA60F-03E3



ORDERING INFORMATION

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

BCFDR370 - 3 E3 P W

BOWL AND DRAIN TYPE

- Plastic bowl, manual drain CFR360
- Plastic bowl, automatic drain CFDR360
- Metal bowl, manual drain BCFR370
- Metal bowl, automatic drain BCFDR370
- Metal bowl, float drain (**plastic stem**) BCF5AR370
- Metal bowl, float drain (**metal stem**) BCF6AR370

PORT SIZE

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

PORT TYPE

- NPTF Leave Blank
- BSPB W

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

- None Leave blank
- No gauge Leave blank
- Gauge (0-200 psig) G
- Panel mount nut P

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

- None Leave blank
- 5 micron polyethylene element Leave blank
- 5 micron bronze element E5
- 20 micron bronze element E4
- 40 micron bronze element E3
- Non-relieving A
- 0-50 psig spring L
- 0-150 psig spring H
- Quick exhaust-reverse flow QE

MOUNTING BRACKETS
See page 280.

GUARDSMAN II Modular Integral Filter/Regulator, CFDR360 / BCFDR370 Series