

MINIATURE General Purpose Filters

FD50 Models Port Sizes: 1/8, 1/4



Model Shown: F50-1

- ◆ Inline mounting.
- ◆ 5- μ m-rated polyethylene filter element; optional sintered bronze elements.
- ◆ High-strength polycarbonate plastic filter bowl; optional metal bowl.
- ◆ Internal automatic drain; optional manual drain.
- ◆ NPTF port threads; optional BSPP threads.

SPECIFICATIONS

Ambient/Media Temperature:

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

Metal bowl: 40° to 150°F (4° to 66°C).

Body: Aluminum.

Bowl: 2-Ounce (60-ml) capacity polycarbonate plastic; optional aluminum bowl.

Bowl Drain:

Internal automatic drain; optional manual drain.

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:

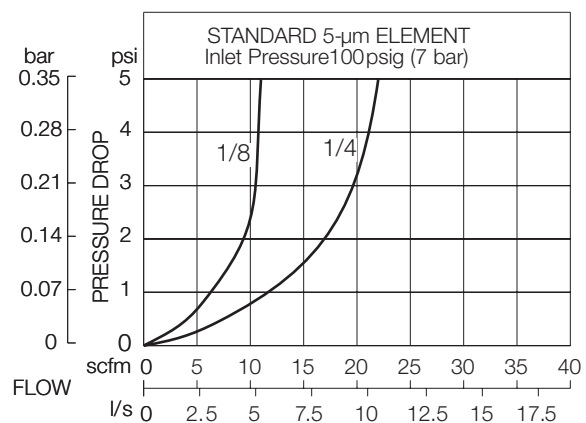
15 psig (1 bar) minimum with automatic drain.

Plastic bowl: 150 psig (10 bar) maximum.

Metal bowl: 200 psig (14 bar) maximum.

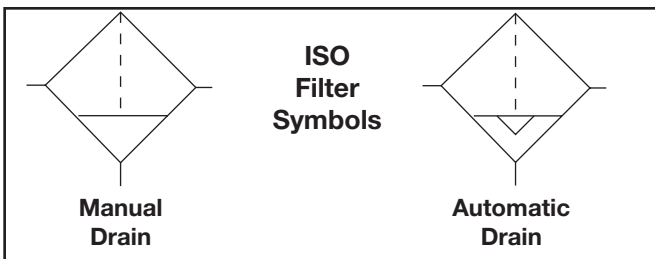
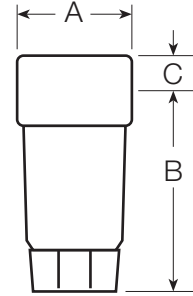
Seals: Nitrile.

FLOW CHART



DIMENSIONS inches (mm)

Bowl	Ports	A	B	C	Depth	Weight
						lb (kg)
Plastic	1/8, 1/4	1.6 (41)	3.6 (92)	0.4 (9.5)	1.6 (41)	0.33 (0.15)
Metal	1/8, 1/4	1.6 (41)	4.3 (109)	0.4 (9.5)	1.6 (41)	0.35 (0.16)



REPLACEMENT FILTER ELEMENT KITS

Element Type	Kit Number
5- μ m polyethylene (Std element)	KA130-27PE5
5- μ m bronze	KA130-27E5
20- μ m bronze	KA130-27E4
40- μ m bronze	KA130-27E3

ORDERING INFORMATION

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

B FD 50 - 2 Y W

BOWL TYPE

Plastic bowl Leave blank
Metal bowl B

BOWL DRAIN

Internal automatic drain FD
Manual drain F

PORT SIZE

1/8 NPTF 1
1/4 NPTF 2

PORT TYPE

NPTF Threads Leave Blank
BSPP threads W

OPTIONS: *(More than one option can be chosen)*

None Leave Blank

Sintered bronze filter element:

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

Tapped modified head to T
to allow 50-01 bracket assy.