

MINIATURE General Purpose Filters

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



Model Shown: FD50-2

- ◆ 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.

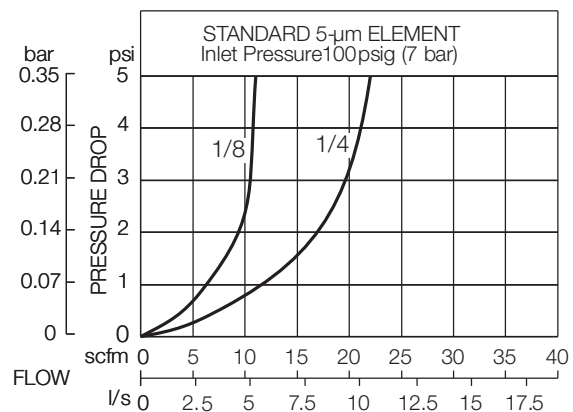
Fluid Media: Compressed air.

Inlet Pressure:

15 psig (1 bar) minimum with automatic drain.
Plastic bowl: 150 psig (10 bar) maximum.
Metal bowl: 200 psig (14 bar) maximum.

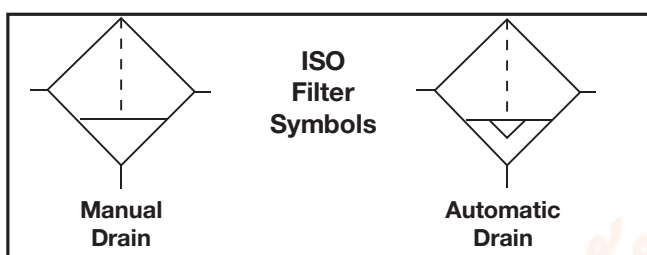
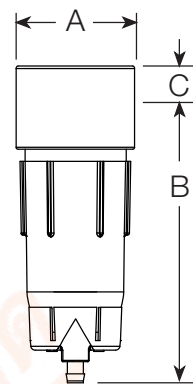
Seals: Nitrile.

FLOW CHART



DIMENSIONS inches (mm)

Bowl	Ports	A	B	C	Depth	Weight	
						lb	(kg)
Plastic	1/8, 1/4	1.6 (41)	3.9 (99)	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

<p>BOWL TYPE</p> <p>Plastic bowl Leave Blank</p> <p>Metal bowl B</p> <p>BOWL DRAIN</p> <p>Internal automatic drain FD</p> <p>Manual drain F</p> <p>PORT SIZE</p> <p>1/8 NPTF 1</p> <p>1/4 NPTF 2</p>	<p>PORT TYPE</p> <p>As specified in INLET PORT Leave Blank</p> <p>BSPP threads on both portsW</p> <p>OPTIONS (<i>More than one option can be chosen. Add in alphabetical order.</i>)</p> <p>None Leave Blank</p> <p>Polyethylene filter element:</p> <p>5-μm rating Leave Blank</p> <p>Bronze filter element:</p> <p>5-μm rating E5</p> <p>20-μm rating E4</p> <p>40-μm rating E3</p> <p>No Drain (<i>lubricator bowl</i>) LDC</p> <p>Use manual drain option under BOWL DRAIN SECTION as well.</p> <p>Tapped modified head to allow...T</p> <p>50-01 bracket assembly.</p>
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