

# MINIATURE General Purpose Filters

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



Model Shown: F50-1

- ◆ Inline mounting.
- ◆ 5- $\mu$ 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- $\mu$ m-rated polyethylene; optional 5- $\mu$ m, 20- $\mu$ m, or 40- $\mu$ m sintered bronze.

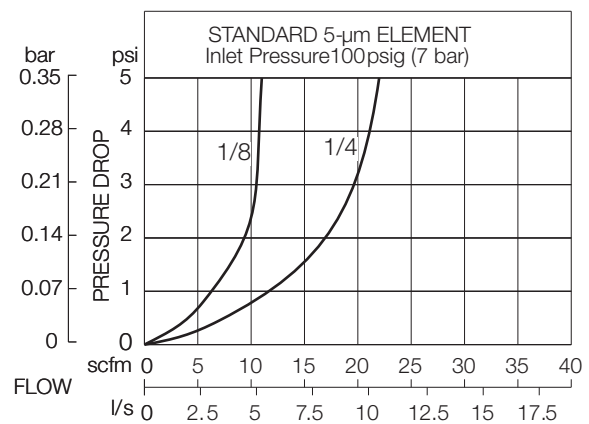
**Fluid Media:** Compressed air.

### Inlet Pressure:

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

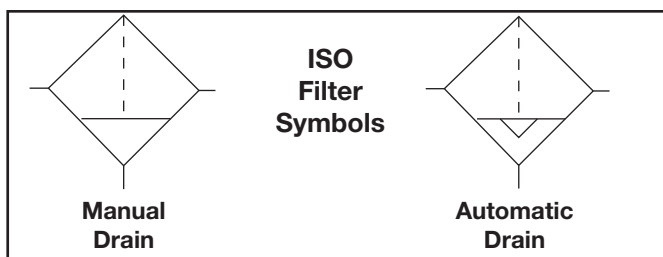
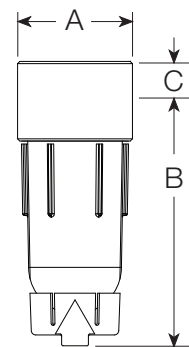
**Seals:** Nitrile.

## 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- $\mu$ m polyethylene (Std element).....	KA130-27PE5
5- $\mu$ m bronze .....	KA130-27E5
20- $\mu$ m bronze .....	KA130-27E4
40- $\mu$ 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**

As specified in **INLET PORT** .... Leave Blank

**BSPP** threads on both ports ....W

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

None ..... Leave Blank

**Polyethylene filter element:**

5- $\mu$ m rating ..... Leave Blank

**Bronze filter element:**

5- $\mu$ m rating ..... E5

20- $\mu$ m rating ..... E4

40- $\mu$ m rating ..... E3

No Drain (*lubricator bowl*) ..... LDC

Use manual drain option under **BOWL DRAIN SECTION** as well.

Tapped modified head to allow...T

50-01 bracket assembly.

**MINIATURE Filter FD50 Series**