

# MINIATURE Coalescing Filters

# FCD50 Models Port Sizes: 1/8, 1/4



Model Shown: FCD50-2

## 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:** 0.3- $\mu$ m-rated borosilicate-glass-fiber  
coalescing element; optional 0.01- $\mu$ m-rated element.

**Fluid Media:** Compressed air.

### Inlet Pressure:

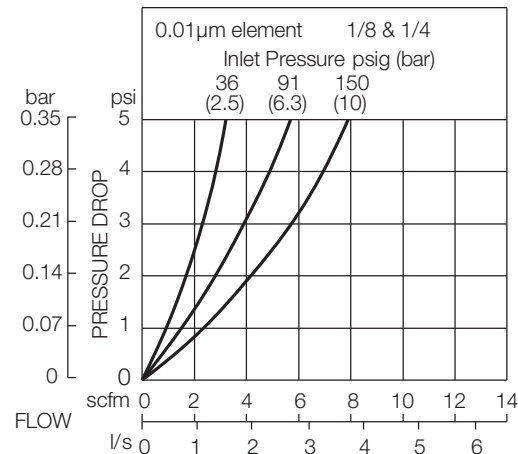
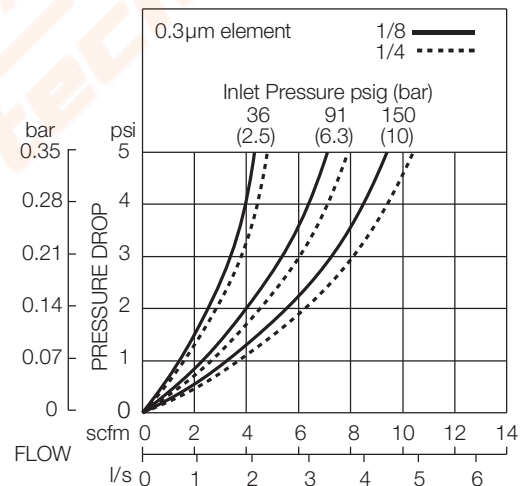
15 psig (1 bar) minimum with automatic drain.  
Plastic bowl: 150 psig (10 bar) maximum.  
Metal bowl: 200 psig (14 bar) maximum.

**Seals:** Nitrile.

**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.

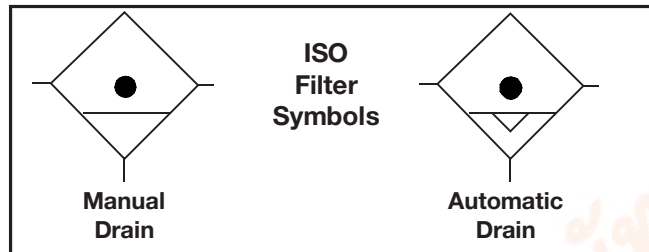
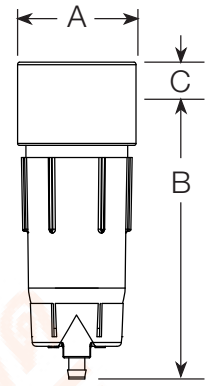
- ◆ Inline mounting.
- ◆ 0.3- $\mu$ m-rated coalescing filter element; optional  
0.01- $\mu$ m-rated element.
- ◆ High-strength polycarbonate plastic filter bowl;  
optional metal bowl.
- ◆ Internal automatic drain; optional manual drain.
- ◆ NPTF port threads; optional BSPP threads.

## FLOW CHARTS



## 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 Rating	Kit Number
0.3 µm (Std element).....	A10F-16
0.01 µm For models with E8 option.....	A10F-16E8

## ORDERING INFORMATION

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

**B FCD 50 - 2 Y W**

<p><b>BOWL TYPE</b></p> <p>Plastic bowl ..... Leave blank Metal bowl..... B</p> <p><b>BOWL DRAIN</b></p> <p>Internal automatic drain .....FCD Manual drain..... FC</p>	<p><b>PORT TYPE</b></p> <p>NPTF threads ..... Leave Blank BSPP threads ..... W</p> <p><b>OPTIONS:</b> <i>(More than one option can be chosen. Add in alphabetical order)</i></p> <p>None..... Leave Blank 0.01-µm-rated coalescing ..... E8 element Tapped modified head to ..... T to allow 50-01 bracket assy. No Drain (<i>Lubricator bowl</i>) ..... LDC <i>(Use manual drain option under BOWL DRAIN section as well)</i></p> <p><b>PORT SIZE</b></p> <p>1/8 NPTF..... 1 1/4 NPTF..... 2</p>
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