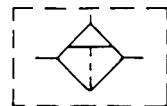




East: 732-390-8480 (NJ)  
 West: 503-434-5964 (OR)  
 E-mail: info@coilhose.com

INS-29F (revised 10/2012)



## 29 Series - Modular Filter

### Application:

The 29 Series Modular Filter is designed for almost any application. These filters feature a wide variety of body sizes and port sizes making this series highly versatile. This series also includes options and accessories suitable for demanding OEM to rugged industrial applications.

### Specifications:

Proof Pressure ..... 220 PSI  
 Max Operating Pressure ..... 145 PSI  
 Max Operating Temperature  
     Plastic Bowl ..... 140°F  
     Metal Bowl ..... 150°F  
 Ambient and Fluid Temp ..... 32°F to 140°F

Material  
     Body ..... Aluminum  
     Filter Element<sup>1</sup> ..... Polypropylene  
 Bowl Materials  
     Plastic ..... Polycarbonate  
     Metal ..... Aluminum  
 Bowl Guard<sup>2</sup> ..... Steel

### Parts and Accessories:

Replacement Plastic Bowls  
     2F-Miniature ..... 29-2F40  
     3F-Compact ..... 29-3F40  
     4F-Standard ..... 29-4F40  
     5F-High Flow ..... 29-4F40  
 Replacement Plastic Bowls w/ Auto Drain  
     2F-Miniature ..... 29-2F40D  
     3F-Compact ..... 29-3F40D  
     4F-Standard ..... 29-4F40D  
     5F-High Flow ..... 29-4F40D  
 Replacement Metal Bowls w/ Auto Drain  
     2F-Miniature ..... 29-2F40DM  
     3F-Compact ..... 29-3F40DM  
     4F-Standard ..... 29-4F40DM  
     5F-High Flow ..... 29-4F40DM  
 Repair Kits  
     2F-Miniature ..... 29-2FRK  
     3F-Compact ..... 29-3FRK  
     4F-Standard ..... 29-4FRK  
     5F-High Flow ..... 29-5FRK

<sup>1</sup> Standard: 40µm - Optional: 5µm, 20µm

<sup>2</sup> Bowl Guard unavailable of 2F-Miniature



29-2F14-0



29-3F38-0

### Part Numbering System

29 - 3 F 38 - 0 D

**Body Size**  
 2 - Miniature  
 3 - Compact  
 4 - Standard  
 5 - High Flow

**Filter Options**  
 0 - 40 µm  
 F - 20 µm  
 X - 5 µm

**Port Size**  
 18 - 1/8" NPT  
 14 - 1/4" NPT  
 38 - 3/8" NPT  
 12 - 1/2" NPT  
 34 - 3/4" NPT  
 10 - 1" NPT

**Bowl Options**  
 D - Auto Drain  
 M - Metal Bowl

Body Size	Ports (NPT)	Bowl Capacity	Weight	Max Flow
2F-Miniature	1/8", 1/4"	1.1 oz	.25 lbs	26.5 CFM
3F-Compact	1/4", 3/8"	5 oz	.60 lbs	53 CFM
4F-Standard	3/8", 1/2"	16 oz	1.10 lbs	140 CFM
5F-High Flow	3/4", 1"	16 oz	2.20 lbs	247 CFM

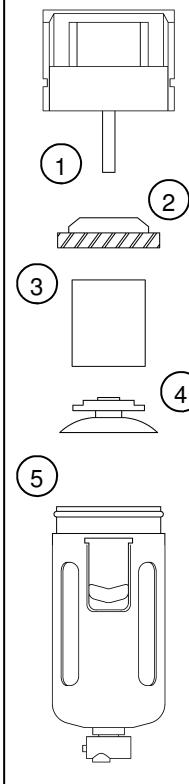
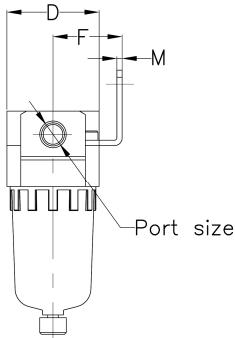
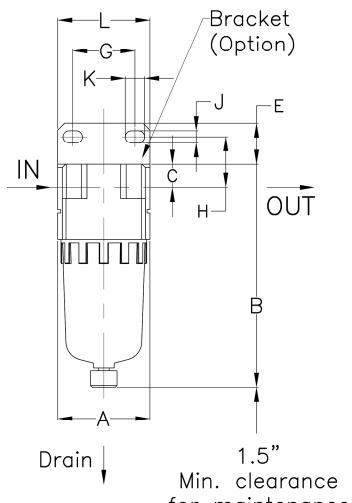
Test Conditions: Supply Pressure = 100 PSI, Set Pressure = 70 PSI



East: 732-390-8480 (NJ)  
 West: 503-434-5964 (OR)  
 E-mail: info@coilhose.com

## 29 Series - Modular Filter

2F



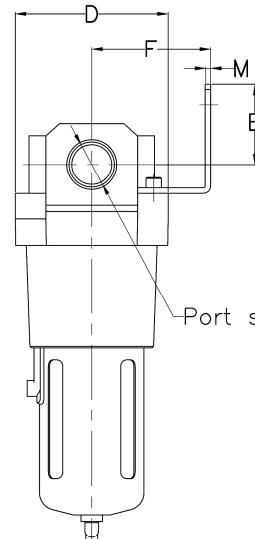
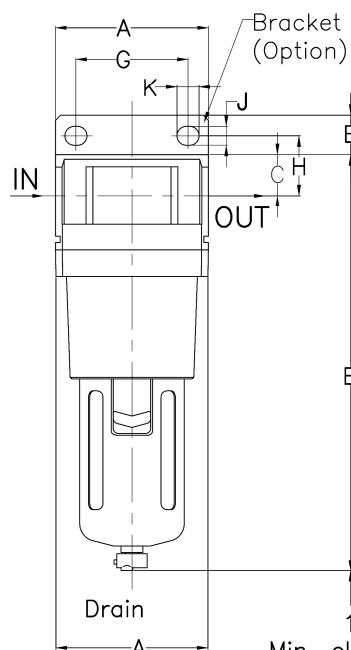
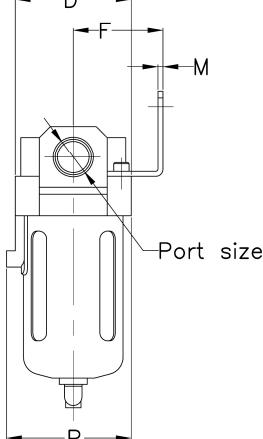
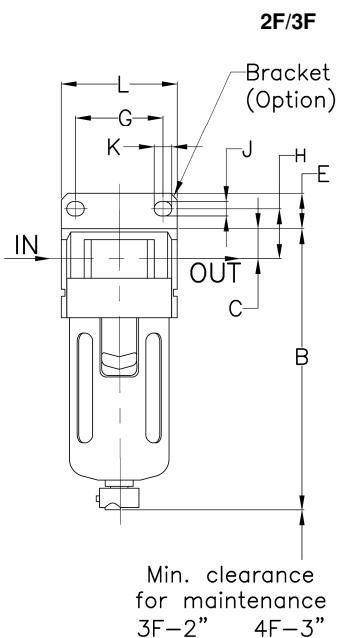
### Filter Assembly:

- 1 - Filter Head with Stem
- 2 - Deflector Vane Plate
- 3 - Filter Element
- 4 - Retainer Baffle
- 5 - Filter Bowl

### Cleaning and Maintenance:

Removal of the filter from the line for cleaning is not necessary. Disassembly requires no tools and the filter and the filter element should be removed from the unit as follows. Air supply must be shut off and the filter must be depressurized prior to disassembly. Depress the safety tab on the clamping ring and, by rotating it slightly and pulling downward, the clamp is removed from the head of the unit. The bowl can then be separated from the unit with slight downward force. Unscrew the retainer baffle from the stem and remove the filter element. Clean parts with a mild detergent. Replace filter element and reassemble unit.

5F



Body Size	Standard Dimensions					Bracket Mounting Dimensions								With Auto Drain	
	A	B	C	D	P	E	F	G	H	J	K	L	M	B	
2F	1.57	3.82	.39	1.57	-	.71	1.18	1.03	.86	.21	.295	1.59	.08	4.53	
3F	2.08	5.07	.55	2.08	2.24	.63	1.61	1.38	.90	.26	.315	1.90	.10	6.69	
4F	2.75	6.49	.70	2.75	2.87	.67	1.96	1.88	1.02	.34	.415	2.48	.10	8.03	
5F	3.54	9.64	.94	3.54	-	.90	2.75	2.15	1.37	.34	.415	3.15	.12	11.18	