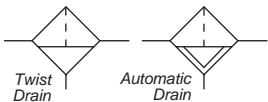
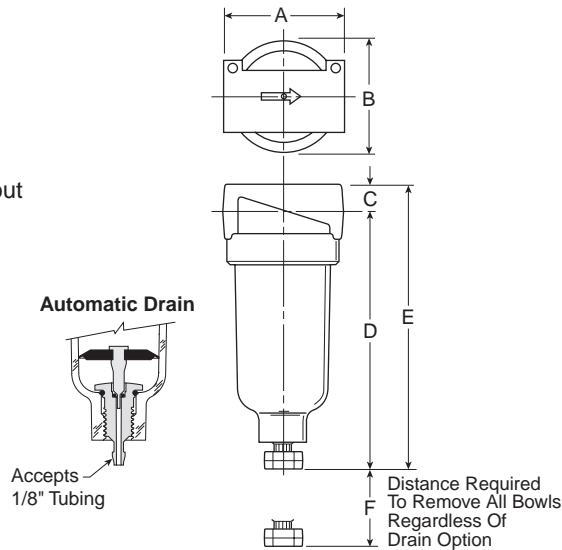


**14F Filters – Miniature**



**Features**

- Excellent Water Removal Efficiency
- Unique Deflector Plate that Creates Swirling of the Air Stream Ensuring Maximum Water and Dirt Separation
- Easily Disassembled for Servicing Without the Use of Tools
- 5 Micron Element Standard
- Interchangeable Twist and Automatic Pulse Drains
- High Flow: 1/8" – 22 SCFM<sup>§</sup>  
 1/4" – 24 SCFM<sup>§</sup>



C

Port Size	NPT	
	Twist Drain	Automatic Pulse Drain
Poly Bowl †		
1/8"	<b>14F01B*</b>	<b>14F05B*</b>
1/4"	<b>14F11B*</b>	<b>14F15B*</b>
Metal Bowl without Sight Gauge		
1/8"	<b>14F03B*</b>	<b>14F07B*</b>
1/4"	<b>14F13B*</b>	<b>14F17B*</b>

14F Filter Dimensions		
A	B	C
1.69 (43)	1.53 (39)	.39 (10)
D	D†	E
3.82 (97)	3.87 (99)	4.21 (107)
E†	F	
4.26 (108)	1.60 (41)	

**Bold Items are Most Popular.**  
 For other models refer to ordering information below.

† For polycarbonate bowl see Caution on page C2.  
 § SCFM = Standard cubic feet per minute at 90 PSIG inlet and 5 PSIG pressure drop.

Inches (mm)  
 † With Automatic Pulse Drain.

**Ordering Information**



Port Size
<b>0</b> 1/8 Inch
<b>1</b> 1/4 Inch

Bowl Options
<u>Polycarbonate Bowl</u>
<b>1</b> Twist Drain
<b>5</b> Automatic Pulse Drain
<u>Metal Bowl</u>
<b>3</b> Twist Drain
<b>7</b> Automatic Pulse Drain

Elements
A 40 Micron
<b>B 5 Micron</b>
Z Adsorber

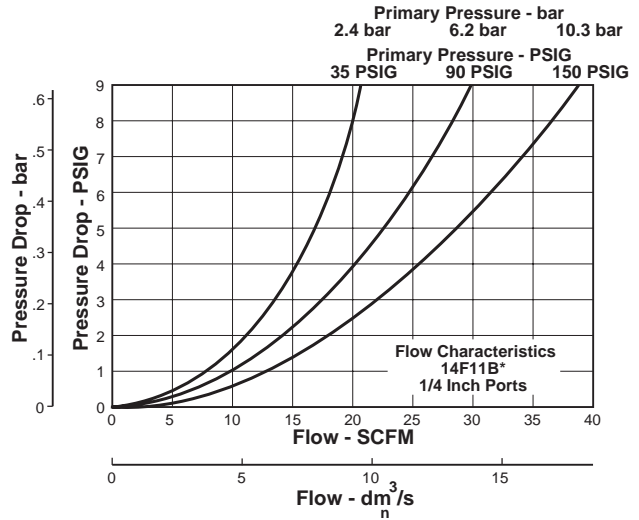
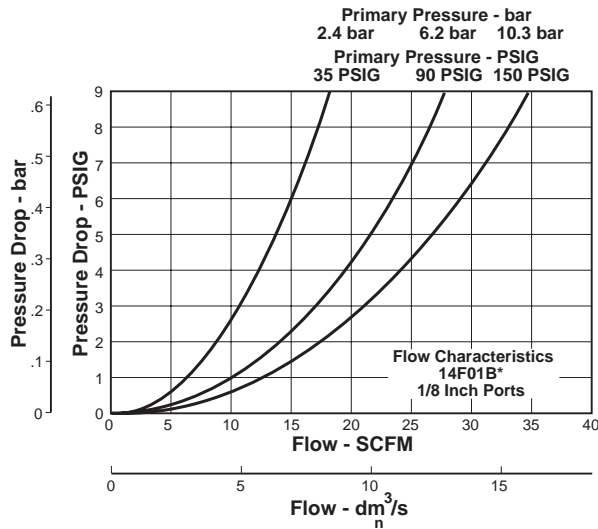
Engineering Level
* Will be Entered at Factory

Port Type
<b>Blank</b> NPT
<b>1</b> BSPP
<b>2</b> BSPT

**BOLD ITEMS ARE MOST POPULAR.**



**Technical Information**



**CAUTION:**

Polycarbonate bowls and sight dome, being transparent and tough, are ideal for use with Filters and Lubricators. They are suitable for use in normal industrial environments, but should not be located in areas where they could be subjected to direct sunlight, an impact blow, nor temperatures outside of the rated range. As with most plastics, some chemicals can cause damage. Polycarbonate bowls and sight dome should not be exposed to chlorinated hydro-carbons, ketones, esters and certain alcohols. They should not be used in air systems where compressors are lubricated with fire-resistant fluids such as phosphate ester and di-ester types.

Metal bowls are recommended where ambient and/or media conditions are not compatible with polycarbonate bowls. Metal bowls resist the action of most such solvents, but should not be used where strong acids or bases are present or in salt laden atmospheres. Consult the factory for specific recommendations where these conditions exist.

**TO CLEAN POLYCARBONATE BOWLS USE MILD SOAP AND WATER ONLY! DO NOT** use cleansing agents such as acetone, benzene, carbon tetrachloride, gasoline, toluene, etc., which are damaging to this plastic.

**Metal bowl guards are recommended for all applications.**

**14F Filter Kits & Accessories**

**Bowl Kits –**

**Poly Bowl –**

- Automatic Pulse Drain ..... PS408P
- Twist Drain ..... PS404P

**Metal Bowl –**

- Automatic Pulse Drain ..... PS451P
- Twist Drain ..... PS447BP

**Filter Element Kits –**

- 40 Micron ..... PS401P
- 5 Micron ..... PS403P
- 5 Micron Cartridge Kit ..... PS407P
- Adsorber ..... PS452P

**Mounting Bracket Kit ..... PS417BP**

**Specifications**

- Automatic Pulse Drain Tube Barb ..... 1/8 Inch**
- Bowl Capacity ..... 1 Ounce**
- Port Threads ..... 1/8, 1/4 Inch**

**Pressure & Temperature Ratings –**

- Polycarbonate Bowl ..... 0 to 150 PSIG (0 to 10.3 bar)  
 32°F to 125°F (0°C to 52°C)
- Metal Bowl ..... 0 to 250 PSIG (0 to 17.2 bar)  
 32°F to 175°F (0°C to 80°C)
- Automatic Pulse Drain ..... 10 to 250 PSIG (0.7 to 17.2 bar)  
 at 125°F (52°C) or less

**Weight ..... 0.41 lb. (0.18 kg)**

**Materials of Construction**

- Body** ..... Zinc
- Bowls** ..... Transparent Polycarbonate  
 Metal (Zinc) Bowl w/o Sight Gauge
- Deflector, Element Holder & Baffle** ..... Plastic
- Drains –**
  - Twist Drain –
    - Body & Stem ..... Plastic
    - Seals ..... Nitrile
  - Automatic Pulse Drain –
    - Piston & Seals ..... Nitrile
    - Stem, Seat, Adaptor & Washers ..... Aluminum
- Filter Elements –**
  - 5 Micron (Standard) ..... Plastic
  - 40 Micron (Optional) ..... Plastic
  - Adsorber (Optional) ..... Activated Charcoal
- Seals** ..... Nitrile

