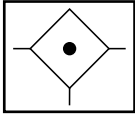


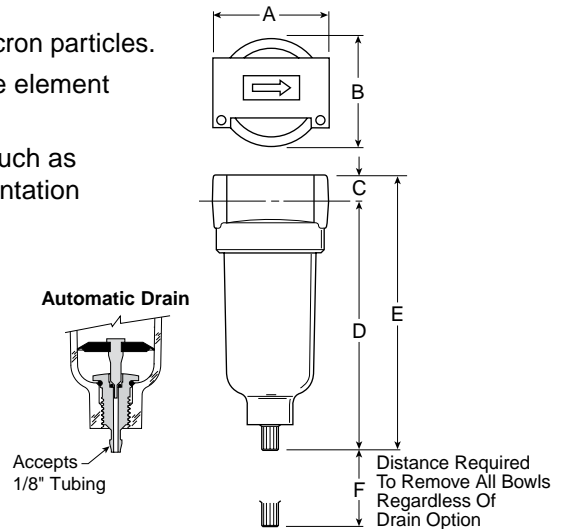
Compressed Air Filters

Air Preparation Units - 10F Coalescing Filters - Miniature 1/8", 1/4" Basic 1/8" Body



Features

- Removes liquid aerosols and sub-micron particles.
- Liquids gravitate to the bottom of the element and will not re-enter the airstream.
- Oil free air for critical applications, such as air gauging and pneumatic instrumentation and controls.
- Interchangeable twist and automatic pulse drains.
- Grade 6 element, 99.97% DOP efficiency.
- High Flow: Grade 6 Element
1/8" – 17 SCFM §
1/4" – 20 SCFM §
Grade 10 Element
1/8" – 19 SCFM §
1/4" – 24 SCFM §



Port Size	NPT	
	Twist Drain	Automatic Pulse Drain
Poly Bowl ‡		
1/8"	10F01E*	10F05E*
1/4"	10F11E*	10F15E*
Metal Bowl without Sight Gauge		
1/8"	10F03E*	10F07E*
1/4"	10F13E*	10F17E*

10F Coalescing Filter Dimensions		
A	B	C
1.69 (43)	1.56 (39,6)	0.39 (10)

Standard part numbers shown bold, with Grade 6 Elements (for Grade 10 Elements, replace "E" with "H" in the 6th position). For other models refer to ordering information below.

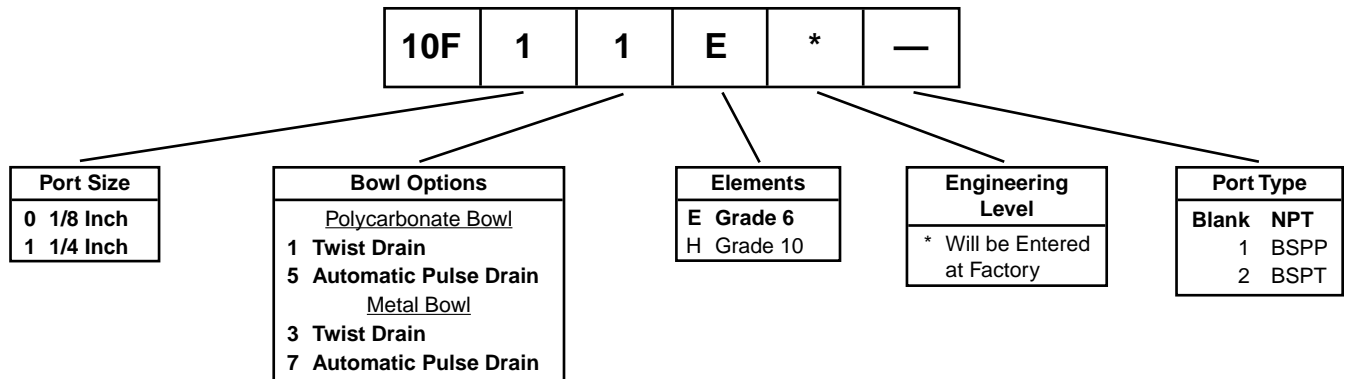
‡ For polycarbonate bowl see Caution on page 2.

§ SCFM = Standard cubic feet per minute at 90 PSIG inlet and 5 PSIG pressure drop.

Inches (mm)

† With Automatic Pulse Drain.

Ordering Information

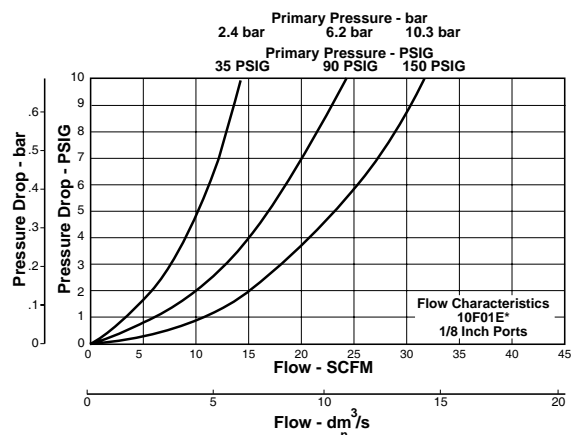
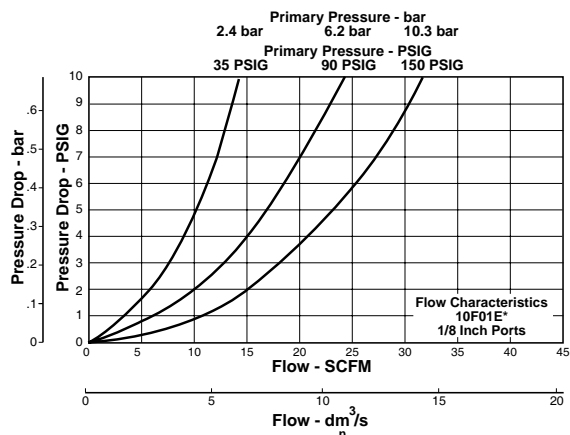


Compressed Air Filters

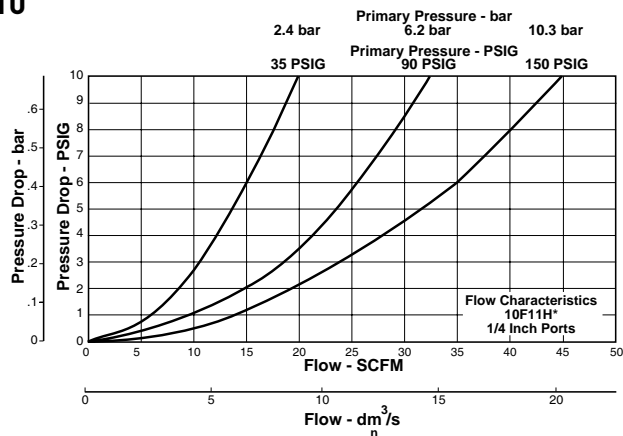
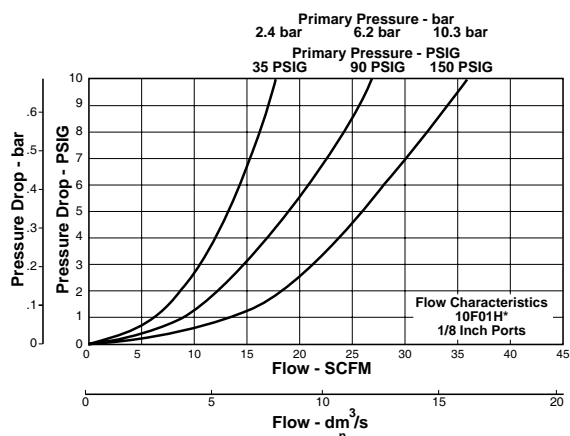
Air Preparation Units - 10F Coalescing Filters

Technical Information

Grade 6



Grade 10



10F Coalescing Filter Kits & Accessories

Bowl Kits -	
Poly Bowl - Automatic Pulse Drain.....	PS408BP
Twist Drain.....	PS404P
Metal Bowl - Automatic Pulse Drain.....	PS451BP
Twist Drain.....	PS447BP
Filter Element Kits - Grade 6 (Standard).....	PS446P
Grade 10 (Optional).....	PS456P
Mounting Bracket Kit.....	PS417BP

Specifications

Automatic Pulse Drain Tube Barb.....	1/8 Inch
Bowl Capacity.....	1 Ounce
Operation -	
Normal Operating Pressure Drop.....	2 PSIG
Maximum Recommended Pressure Drop.....	10 PSIG
(Element should be replaced)	
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) Without Sight Gauge
Drains - Twist Drain -	
Body & Stem.....	Plastic
Seals.....	Nitrile
Automatic Pulse Drain -	
Piston & Seals.....	Nitrile
Stem, Seat, Adaptor & Washers.....	Aluminum
Element Holder.....	Plastic
Filter Element -	
Borosilicate & felt glass fibers.....	99.97% DOP efficiency
Largest Aerosol Particle Passed (Grade 6).....	0.01 Micron
Largest Solid Particle Passed (Grade 6).....	0.30 Micron
Seals.....	Nitrile