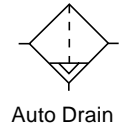
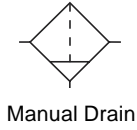


Coalescing Filter

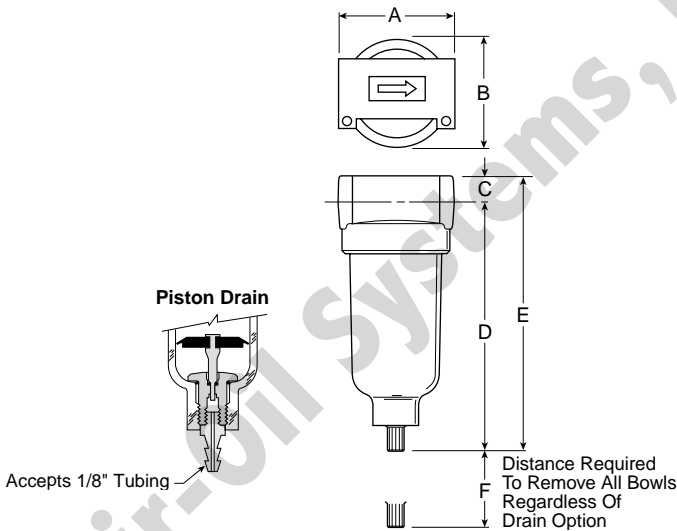
M03



M03-02-000

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



= "Most Popular"

Specifications

Flow Capacity*	1/8	17.0 SCFM (8 dm ³ /s)
	1/4	20.0 SCFM (9 dm ³ /s)
Maximum Supply Pressure		
Polycarbonate Bowl		0 to 150 PSIG (0 to 10.3 bar)
Metal Bowl		0 to 250 PSIG (0 to 17.2 bar)
Piston Drain		10 to 250 PSIG (0.7 to 17.2 bar)
Operating Temperature		
Polycarbonate Bowl		32°F to 125°F (0°C to 52°C)
Metal Bowl		32°F to 175°F (0°C to 80°C)
Piston Drain		32°F to 125°F (6°C to 52°C)
Port Size	NPT	1/8, 1/4
Standard Filtration	Micron	(B) 1.0, (C) 0.01 (D) 0.003 ppm / wt **
Weight	lb. (kg)	.41(.18)
Bowl Capacity		1 Ounce

* Inlet pressure 90 PSIG (6.2 bar). Pressure drop 5 PSID (0.3 bar).

"M" Series Coalescing Filters, with Type "B" 0.5 micron elements: All Wilkerson Type "M" Oil Removal (Coalescing) Filters with Type "B" 0.5 micron elements **exceed ISO Class 2** for maximum particle size and concentration of solid contaminants, and exceed Class 3 on maximum oil content (ppm/wt).

"M" Series Coalescing Filters, with Type "C" 0.01 micron elements: All Wilkerson Type "M" Oil Removal (Coalescing) Filters with Type "C" 0.01 micron elements **exceed ISO Class 1** for maximum particle size and concentration of solid contaminants, and exceed Class 1 on maximum oil content (ppm/wt).

"M" Series Adsorption Filters, with Type "D" activated carbon elements: All Wilkerson Type "M" adsorption filters with Type "D" activated carbon elements **exceed ISO Class 1** on maximum oil content (ppm/wt).

Materials of Construction

Body	Zinc
Bowls – Transparent	Polycarbonate
Metal (Without Sight Gauge)	Zinc
Deflector, Element Holder & Baffle	Plastic
Drains	
Manual Drain –	
Body & Stem	Plastic
Seals	Nitrile
Piston Drain –	
Piston & Seals	Nitrile
Stem, Seat, Adaptor & Washers	Aluminum
Filter Elements – 5 Micron	Plastic
Seals	Nitrile

Dimensions

Models	Inches (mm)	A	B	C	D	E	F
Standard Unit M03-XX-000		1.69 (43)	1.53 (39)	.39 (10)	3.82 (97)	4.21 (107)	1.60 (41)
Piston Drain M03-XX-D00		1.69 (43)	1.53 (39)	.39 (10)	3.87 (99)	4.26 (108)	1.60 (41)

 = "Most Popular"

Replacement Bowl Kits

Metal Bowl –
 Manual DrainPS451B
 Piston DrainPS447B

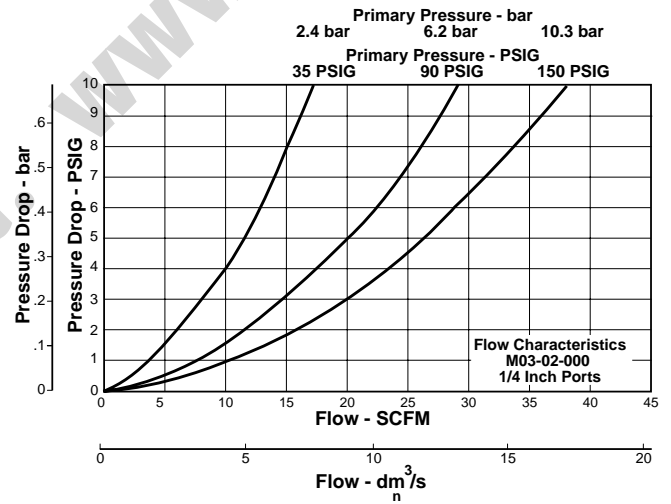
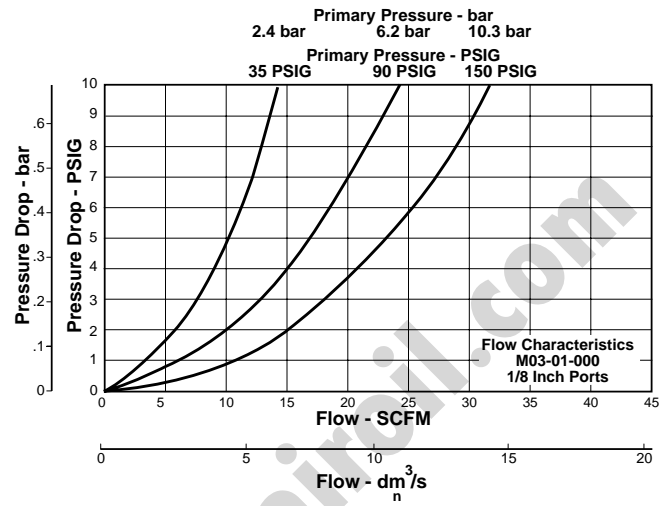
Plastic Bowl –
 Manual DrainPS404
 Piston DrainPS408B

Replacement Element Kits

Type "B", 1.0 Micron.....PS456
 Type "C", 0.01 Micron.....PS446
 Type "D", Oil Vapor Removing.....PS452

Accessories

Mounting Bracket Kit.....PS417B



Ordering Information

Model Type	Port Size	Polycarbonate Bowl / "C" Element	Metal Bowl / "C" Element	Polycarbonate Bowl / "B" Micron Element	Polycarbonate Bowl / "D" Element
Manual Drain	1/8	M03-01-000	M03-01-M00	M03-01-S00	M03-01-X00
	1/4	M03-02-000	M03-02-M00	M03-02-S00	M03-02-X00

Options - To order an option supplied with the unit model, add the appropriate coded suffix letter in the designated position of the model number.

