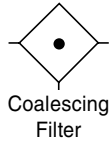


# Coalescing Filter

## M31

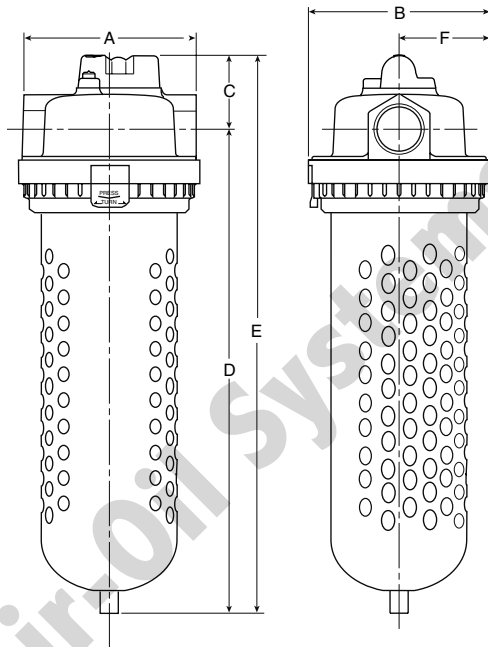
= "Most Popular"



M31-06-000

### Features

- Manual Drain
- 0.01 Micron Rated Filter Element
- Quick-disconnect Bowl Guard with Integral Plastic Bowl and Safety Latch
- Differential Pressure Indicator



### Specifications

Flow Capacity *	3/4	215 SCFM (101.4 dm <sup>3</sup> /s)
	1	277 SCFM (130.8 dm <sup>3</sup> /s)
Maximum Supply Pressure	Plastic Bowl	150 PSIG (10.3 bar)
	Metal Bowl	200 PSIG (13.8 bar)
Operating Temperature	Plastic Bowl	32° to 125°F (0° to 52°C)
	Metal Bowl	32° to 150°F (0° to 65.5°C)
Port Size	NPT / BSPP-G	3/4, 1
Standard Filtration	Micron	(B) 0.5, (C) 0.01
		(D) 0.003 ppm / wt **
Useful Retention †	oz. (cm <sup>3</sup> )	2.3 (66.7)
Weight	lb. (kg)	6.76 (3.1)

\* Inlet pressure 150 PSIG (10.3 bar). Pressure drop of 3 PSID (0.2 bar).

\*\* Filtration temperature of 70°F (21°C) @100 PSIG (6.9 bar) with typical compressor lubricating oil and protected by Type "C" filter.

† Useful retention refers to volume below the quiet zone baffle.

**"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	Plastic Bowl	Polycarbonate
	Metal Bowl	Aluminum
Element Holder		Brass Stud
Filter Elements	Type "B", "C"	Borosilicate Cloth
	Type "D"	Activated Carbon
Seals		Fluorocarbon

### Dimensions

Models	Inches (mm)	A	B	C	D	E	F
Standard Unit M31-XX-000		4.61 (117)	4.80 (122)	1.90 (48)	13.00 (330)	14.90 (378)	2.40 (61)
Automatic Drain M31-XX-F00		4.61 (117)	4.80 (122)	1.90 (48)	13.14 (333.7)	15.04 (382)	2.40 (61)
Metal Bowl M31-XX-M00		4.61 (117)	4.80 (122)	1.90 (48)	13.10 (332.7)	15.00 (381)	2.40 (61)

= "Most Popular"

### Replacement Bowl Kits

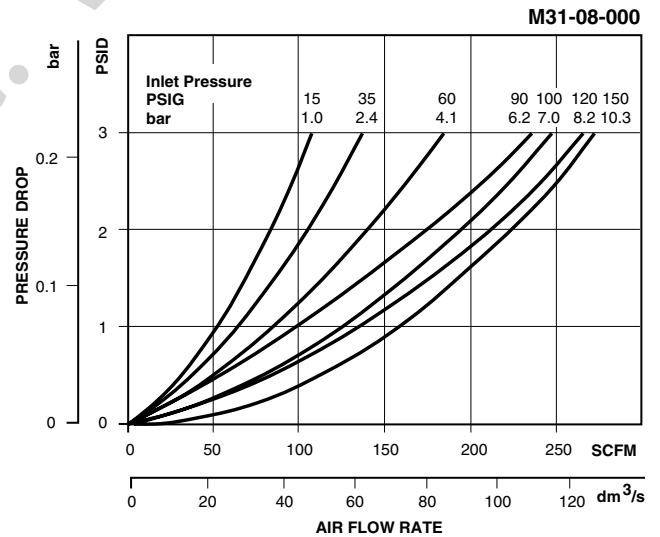
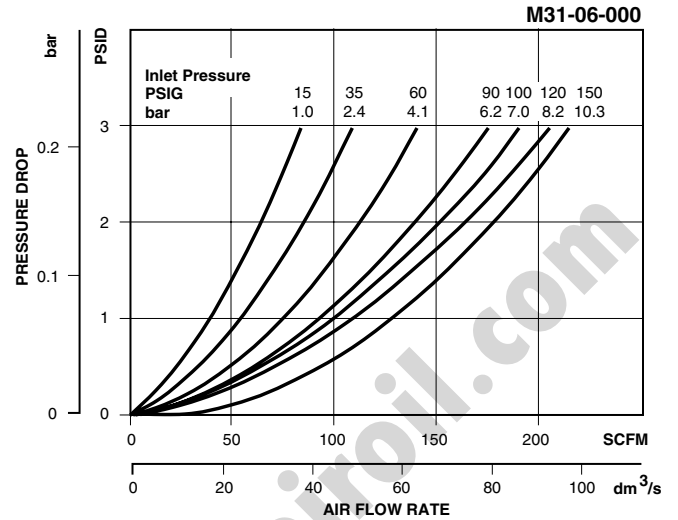
- Metal Bowl –
  - Manual Drain ..... MRP-95-939
- Plastic Bowl –
  - Bowl Guard, Manual Drain ..... MRP-95-938
  - Bowl Guard, Auto Drain..... MRP-95-941
  - Manual Drain ..... MRP-95-940

### Replacement Element Kits

- Type "B", 0.5 Micron..... MSP-95-993
- Type "C", 0.01 Micron..... MTP-95-521
- Type "D", Oil Vapor Removing..... MXP-95-522

### Accessories

- Automatic Mechanical Drain..... GRP-95-973
- Cap, Differential Pressure Indicator –
  - For pressures over 150 PSIG..... GRP-95-020
- Differential Pressure Indicator ..... DP2-01-000
- Manual Flex-Tip..... FRP-95-610
- Wall Mounting Bracket, L-Type ..... GPA-95-734



### Ordering Information

Model Type	Port Size	Polycarbonate Bowl / Bowl Guard / "C" Element	Metal Bowl / "C" Element	Polycarbonate Bowl / Bowl Guard / "B" Element	Polycarbonate Bowl / Bowl Guard / "D" Element (No DPI)
Manual Drain	3/4	M31-06-000	M31-06-M00	M31-06-S00	M31-06-X00
	1	M31-08-000	M31-08-M00	M31-08-S00	M31-08-X00
Automatic Drain	3/4	M31-06-F00	M31-06-FM0	M31-06-FS0	—
	1	M31-08-F00	M31-08-FM0	M31-08-FS0	—

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

