

Coalescing Filter Numbering System

= "Most Popular"

Unit Function

M

Unit Function

M Coalescing Filter

Family

16

Family

03 Miniature
16 Compact
2X Standard
3X Large
4X Extra Large

Thread Type

0

Thread Type

0 NPT
C BSPP

Pipe Size

3

Code	Pipe Size	Series				
		03	16	2X	3X	4X
1	1/8"	X				
2	1/4"	X	X	X		
3	3/8"		X	X		
4	1/2"		X	X	X	
6	3/4"				X	
8	1"				X	
B	1-1/2"				X	
C	2"				X	
E	3"					X

Options

000

Options

Miniature (M03)

0 Standard, Type "C" Element, 0.01 Micron

D Piston Drain

E Tire Valve Drain

M Metal Bowl With Manual Drain

S Type "B" Element, 1.0 Micron

X Type "D" Element, Activated Carbon, 0.003 Micron ^{1, 3}

All Others

0 Standard, Type "C" Element, 0.01 Micron

F Automatic Float Drain (Standard Flow)

G Metal Bowl with Sight Gauge

H DP Indicator Removed ² (High Pressure Option)

M Metal Bowl, No Sight Gauge

S Type "B" Element, (0.5 Micron M00-M31; 1.0 Micron M32-M45)

X Type "D" Element Activated Carbon, 0.003 M ^{1, 3}

B

Filters, Regulators, Lubricators

¹ Auto Float Drains not available with M16, M26- units with Type "D" Activated Carbon Elements.

² Except Models M5X.

³ Units with Type "D" element do not contain DP indicator.

"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).

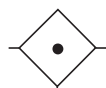
"M" Series Adsorption Filters, with Type "D" activated carbon elements: All Wilkerson Type "M" adsorption filters with Type "D" activated carbon elements **exceed ISO Class 1** on maximum oil content (ppm/wt).

NOTE: All classes above refer to International Standards Organization (ISO) standard 8573-1:1991(E), pertaining to maximum particle size and concentration of solid contaminants, and maximum oil content.

If more than one option is desired, arrange them in alphabetical order in positions 6, 7, and 8.

NOTE: 000 in position 6, 7, and 8 signifies standard product.

Coalescing Filter M31

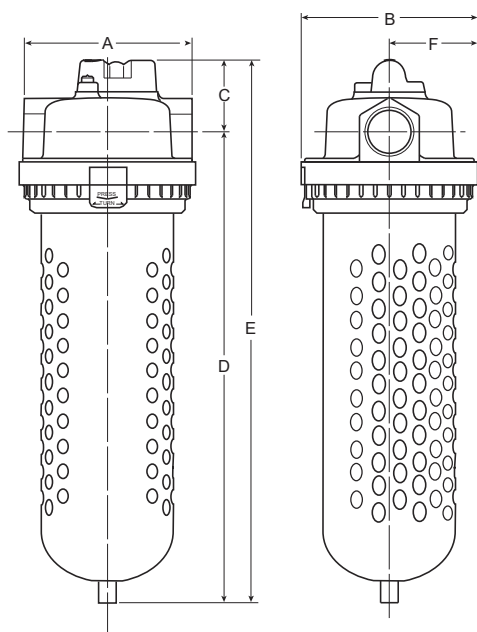
 = "Most Popular"
Coalescing
Filter

Auto Drain

**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



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)

Specifications

Flow Capacity*	3/4	215 SCFM (101.4 dm ³ /s)
	1	277 SCFM (130.8 dm ³ /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
Bowl Capacity		2.3 oz
Standard Filtration	Micron	(B) 0.5, (C) 0.01
		(D) 0.003 ppm / wt**
Weight		6.76 lb. (3.1 kg)

* 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.

"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" 0.003 micron activated carbon elements: All Wilkerson Type "M" adsorption filters with Type "D" 0.003 micron 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	

Replacement Bowl Kits

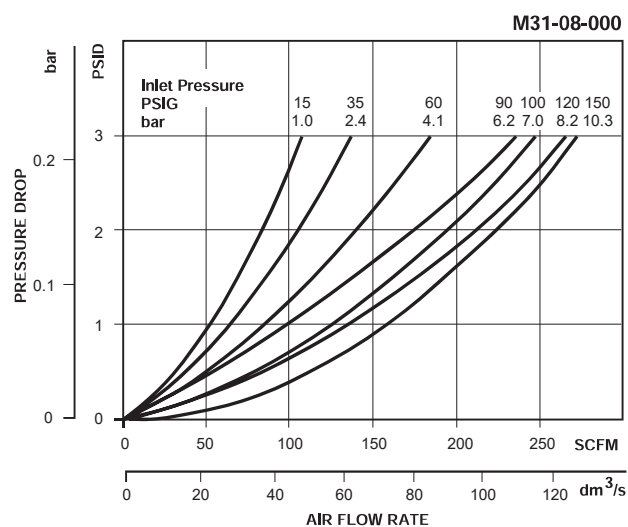
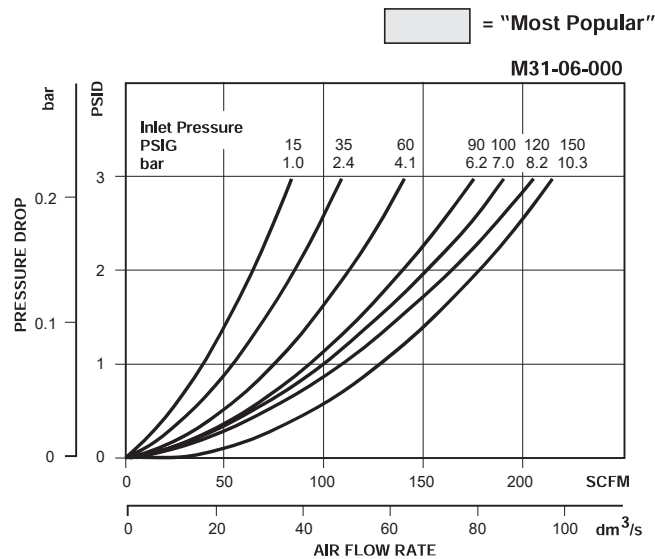
Metal Bowl –	
Manual Drain	MRP-95-939
Plastic Bowl –	
Bowl Guard, Manual Drain	MRP-95-938
Bowl Guard, Auto Drain	MRP-95-941
Manual Drain	MRP-95-940

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	DP2-02-000
Manual Flex-Tip	FRP-95-610
Wall Mounting Bracket, U-bolt Pipe Clamp	GRP-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.