

FILTERS, REGULATORS & LUBRICATORS

Miniature Series Filters

The Miniature Series Filters are designed for applications where space is limited and flow requirements are low. They excel in control panels and miniature circuitry. Each unit can be disassembled by hand for easy maintenance.



FEATURES

- ◆ Compact size.
- ◆ Available in 1/8" or 1/4" ports.
- ◆ Tough die cast zinc body.
- ◆ 20 micron or 5 micron filter element.
- ◆ Manual drain for quick and easy fluid removal.
- ◆ Metal bowl option.
- ◆ 1.5 oz. bowl capacity.

Specifications

Maximum Supply Pressure:
 Plastic Bowl:150 PSI
 Metal Bowl:250 PSI
 Maximum Operating Temp.:
 Plastic Bowl:120° F
 Metal Bowl:250° F
 Filter Element:
 Standard:20 Micron
 Optional:5 Micron
 Materials:
 Plastic Bowl:Polycarbonate
 Metal Bowl:Zinc Die Cast
 Body:Zinc Die Cast
 Filter Element:Porous Polypropylene
 Height:4"
 Maximum Diameter:1 1/2"
 Bowl Capacity:1.5 oz.

Ordering Information:

Pipe Size	Model
1/8"	MF1
1/4"	MF2

Options:

Options	Suffix
Metal Bowl	M
Filter Element	X

Options are indicated by adding a dash followed by the corresponding suffix(es) in alphabetical order to the model number.

WARNING: Although polycarbonate bowls are capable of withstanding extreme physical abuse, they are susceptible to damage and may possibly burst when subjected to some cleaning products and synthetic oils, particularly phosphate esters. Should there be any questions regarding their compatibility with your applications, consult the factory or use a metal bowl.

Supply Pressure	Pressure Drop				
	1	2	3	4	5
25 PSI	7	10	12.5	15	17
50 PSI	9	13	16	19	21
75 PSI	11	15.5	19.5	22	24.5
100 PSI	13	17.5	21	24.5	26

SCFM

Note: All values are approximate.

Miniature Series Coalescing Filters



FEATURES

- ◆ Compact size.
- ◆ Removes 99.97% of solids and fluids down to .3 microns.
- ◆ Tough die cast zinc body.
- ◆ Manual drain for quick and easy fluid removal.
- ◆ Metal bowl option.
- ◆ 1.5 oz. bowl capacity.

Specifications

Maximum Supply Pressure:
 Plastic Bowl:150 PSI
 Metal Bowl:250 PSI
 Maximum Operating Temp.:
 Plastic Bowl:120° F
 Metal Bowl:250° F
 Materials:
 Plastic Bowl:Polycarbonate
 Metal Bowl:Zinc Die Cast
 Body:Zinc Die Cast
 Filter Element:Porous Polypropylene
 Height:4"
 Maximum Diameter:1 1/2"
 Bowl Capacity:1.5 oz.

Ordering Information:

Pipe Size	Model
1/8"	MC1
1/4"	MC2

Options:

Options	Suffix
Metal Bowl	M

Options are indicated by adding a dash followed by the corresponding suffix(es) in alphabetical order to the model number.

Note: Coalescing Filters should always be used in conjunction with a pre-filter.

WARNING: Although polycarbonate bowls are capable of withstanding extreme physical abuse, they are susceptible to damage and may possibly burst when subjected to some cleaning products and synthetic oils, particularly phosphate esters. Should there be any questions regarding their compatibility with your applications, consult the factory or use a metal bowl.

SCFM at 1.5 PSID Pressure Drop			
Supply Pressure	SCFM	Supply Pressure	SCFM
10 PSI	2.4	60 PSI	7.2
20 PSI	3.3	80 PSI	9.1
30 PSI	4.3	100 PSI	11
40 PSI	5.2	120 PSI	12.9
50 PSI	6.2	140 PSI	14.8

Note: All values are approximate.



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