

# Coalescing Filter

## M30

 = "Most Popular"

### Specifications

|                         |                          |                                           |
|-------------------------|--------------------------|-------------------------------------------|
| Flow Capacity*          | 1/2                      | 123 SCFM (58.2 dm <sup>3</sup> /s)        |
|                         | 3/4                      | 173 SCFM (81.0 dm <sup>3</sup> /s)        |
|                         | 1                        | 203 SCFM (96.0 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 1/2, 3/4, 1 |                                           |
| Bowl Capacity           | 2.0 oz                   |                                           |
| Standard Filtration     | Micron                   | (B) 0.5, (C) 0.01<br>(D) 0.003 ppm / wt** |
| Weight                  | 5.4 lb. (2.4 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.

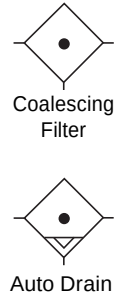
**"M" Series Coalescing Filters, with Type "B" 0.5 micron elements:**  
All Wilkerson Type "M" Oil Removal (Coalescing) Filters with Type "B" 0.5 micron elements **exceed ISO Class 2** for maximum particle size and concentration of solid contaminants, and exceed Class 3 on maximum oil content (ppm/wt).

**"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

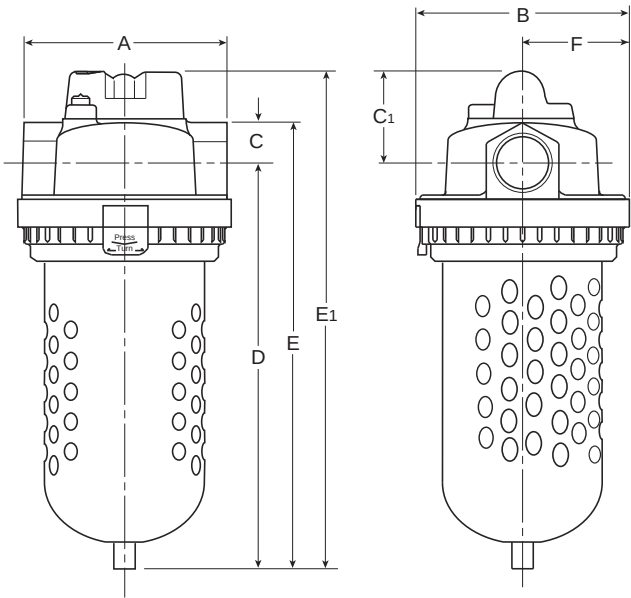
|                  |               |                    |
|------------------|---------------|--------------------|
| Body             | Zinc          |                    |
| Bowls            | Plastic Bowl  | Polycarbonate      |
|                  | Metal Bowl    | Aluminum           |
| Element Retainer | Brass Stud    |                    |
| Filter Elements  | Type "B", "C" | Borosilicate Cloth |
|                  | Type "D"      | Activated Carbon   |
| Seals            | Fluorocarbon  |                    |



M30-04-000

### 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           | C <sub>1</sub> | D               | E                | E <sub>1</sub>   | F            |
|-------------------------------|-------------|---------------|---------------|-------------|----------------|-----------------|------------------|------------------|--------------|
| Standard Unit<br>M30-XX-000   |             | 4.61<br>(117) | 4.80<br>(122) | .94<br>(24) | 1.77<br>(44.9) | 9.13<br>(232)   | 10.07<br>(255.8) | 10.90<br>(270)   | 2.40<br>(61) |
| Automatic Drain<br>M30-XX-F00 |             | 4.61<br>(117) | 4.80<br>(122) | .94<br>(24) | 1.77<br>(44.9) | 9.27<br>(235)   | 10.21<br>(259)   | 11.04<br>(273.5) | 2.40<br>(61) |
| Metal Bowl<br>M30-XX-M00      |             | 4.61<br>(117) | 4.80<br>(122) | .94<br>(24) | 1.77<br>(44.9) | 8.73<br>(221.7) | 9.67<br>(245.6)  | 10.50<br>(267)   | 2.40<br>(61) |

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## Replacement Bowl Kits

### Metal Bowl –

|                    |            |
|--------------------|------------|
| Manual Drain ..... | FRP-95-593 |
| Auto Drain .....   | GRP-95-970 |

### Plastic Bowl –

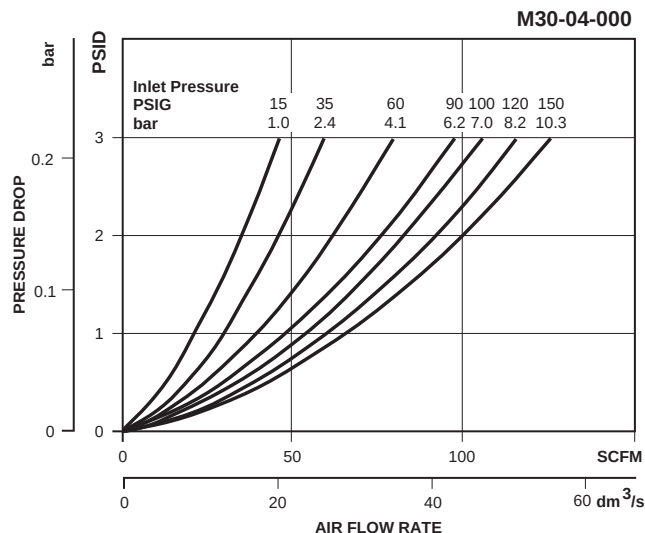
|                                |            |
|--------------------------------|------------|
| Manual Drain .....             | FRP-96-315 |
| Bowl Guard, Manual Drain ..... | FRP-95-832 |
| Bowl Guard, Auto Drain .....   | FRP-95-775 |

## Replacement Element Kits

|                                    |            |
|------------------------------------|------------|
| Type "B", 0.5 Micron .....         | MSP-95-992 |
| Type "C", 0.01 Micron .....        | MTP-95-551 |
| Type "D", Oil Vapor Removing ..... | MXP-95-532 |

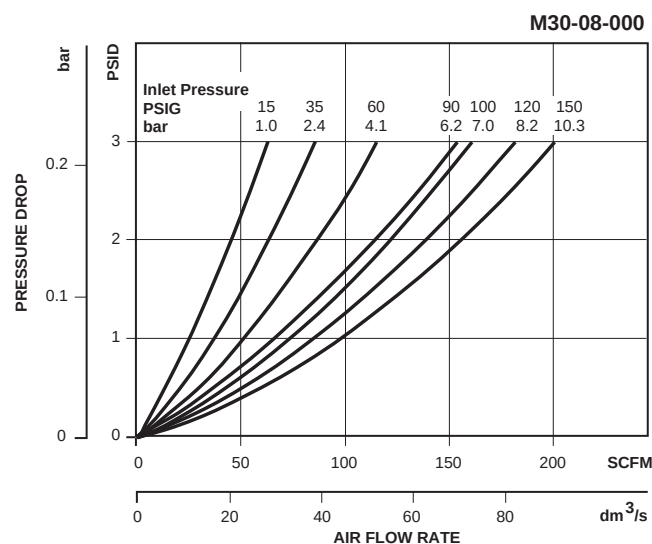
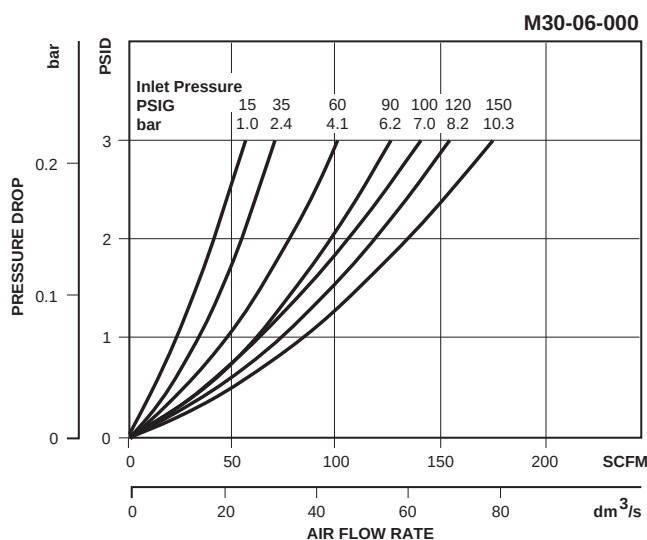
## Accessories

|                                                                             |            |
|-----------------------------------------------------------------------------|------------|
| Automatic Mechanical Drain .....                                            | GRP-95-973 |
| Cap, Differential Pressure Indicator –<br>For pressures over 150 PSIG ..... | GRP-95-020 |
| Differential Pressure Indicator .....                                       | DP2-02-000 |
| Manual Flex-Tip .....                                                       | FRP-95-610 |
| Sight Gauge Kit .....                                                       | LRP-95-771 |
| Wall Mounting Bracket, U-Bolt Pipe Clamp .....                              | GRP-95-734 |



B

Filters, Regulators, Lubricators



## 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    | 1/2       | M30-04-000                                    | M30-04-M00               | M30-04-S00                                    | M30-04-X00                                             |
|                 | 3/4       | M30-06-000                                    | M30-06-M00               | M30-06-S00                                    | M30-06-X00                                             |
|                 | 1         | M30-08-000                                    | M30-08-M00               | M30-08-S00                                    | M30-08-X00                                             |
| Automatic Drain | 1/2       | M30-04-F00                                    | M30-04-FM0               | M30-04-FS0                                    | —                                                      |
|                 | 3/4       | M30-06-F00                                    | M30-06-FM0               | M30-06-FS0                                    | —                                                      |
|                 | 1         | M30-08-F00                                    | M30-08-FM0               | M30-08-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.