**Coalescing Filter M28**

**Features**
- High-efficiency Removal of Water, Oil Aerosols, and Solid Particulate Contaminants Down to 0.01 ppm / wt with Minimum Pressure Drop
- Modern Design and Appearance
- Light Weight
- High Flow Capacity
- Bowl Guard
- Quick-disconnect Bowl

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**Specifications**

**Flow Capacity**

- 1.0 Micron Coalescing: 68 SCFM (32 dm³/s, ANR)
- 0.01 Micron Coalescing: 42 SCFM (20 dm³/s, ANR)
- Activated Carbon Adsorber: 72 SCFM (34 dm³/s, ANR)

**Pressure**

- Maximum Supply Pressure
  - Plastic Bowl: 150 PSIG (10.3 bar)†
  - Metal Bowl: 150 PSIG (10.3 bar)†

- Operating Pressure
  - Plastic Bowl: -13° to 125°F (-25° to 52°C)
  - Metal Bowl: -13° to 150°F (-25° to 65.5°C)

**Port Size**

- NPT / BSPP-G: 3/8, 1/2, 3/4

**Bowl Capacity**

- 2.87 oz

**Standard Filtration Micron**

- (B) 0.5, (C) 0.01
- (D) 0.003 ppm wt**

**Weight**

- 1.10 lb. (0.5 kg)

† Inlet pressure 91.3 PSIG (6.3 bar). Pressure drop 3 PSIG (0.2 bar).

**Materials of Construction**

<table>
<thead>
<tr>
<th>Body</th>
<th>Aluminum</th>
</tr>
</thead>
<tbody>
<tr>
<td>Body Cap</td>
<td>ABS</td>
</tr>
<tr>
<td>Bowls</td>
<td>Plastic Bowl</td>
</tr>
<tr>
<td>Metal Bowl</td>
<td>Aluminum</td>
</tr>
<tr>
<td>Filter Element</td>
<td>Type “B”, “C”</td>
</tr>
<tr>
<td>Type “D”</td>
<td>Activated Carbon</td>
</tr>
<tr>
<td>Seals</td>
<td>Nitrile</td>
</tr>
<tr>
<td>Sight Gauge</td>
<td>Metal Bowl</td>
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</tbody>
</table>

**Notes:** To optimize the life of the coalescing element, it is advisable to install a pre-filter with a 5 micron element upstream of the coalescing filter.

To optimize the life of the adsorber element, it is advisable to install a coalescing 0.01 micron filter upstream of the adsorber filter.
Replacement Bowl Kits
- Metal Bowl with Sight Gauge, Automatic Float Drain: GRP-96-645
- Metal Bowl with Sight Gauge, Manual Drain: GRP-96-644
- Plastic Bowl –
  - Bowl Guard, Auto Drain: GRP-96-643
  - Bowl Guard, Manual Drain: GRP-96-642

Replacement Element Kits
- Type “B”, 0.5 Micron: MSP-96-649
- Type “C”, 0.01 Micron: MTP-96-648
- Type “D”, 0.003 Micron Activated Carbon: MXP-96-651

Accessories
- Automatic Drain –
  - Fluorocarbon: GRP-95-981
  - Nitrile: GRP-95-973
- DPI Replacement Kit: DP8-01-000
- Electronic DPI Conversion Kit: GRP-96-823 (Converts visual DPI to electronic DPI)
- Electronic DPI Replacement Kit: GRP-96-824
- Manual Drain: GRP-96-685
- Sight Gauge Kit: GRP-96-825
- Wall Mounting Bracket –
  - L-Type: GPA-96-605
  - T-Type: GPA-96-602

Ordering Information

<table>
<thead>
<tr>
<th>Model Type</th>
<th>Port Size</th>
<th>Plastic Bowl / Bowl Guard / C Element</th>
<th>Plastic Bowl / Bowl Guard / B Element</th>
<th>Plastic Bowl / Bowl Guard / D Element</th>
<th>Metal Bowl / Sight Gauge / C Element</th>
<th>Metal Bowl / Sight Gauge / B Element</th>
<th>Metal Bowl / Sight Gauge / D Element</th>
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<tbody>
<tr>
<td>Manual Drain</td>
<td>3/8</td>
<td>M28-03-CG00B</td>
<td>M28-03-BK00B</td>
<td>M28-03-DK00B</td>
<td>M28-03-CL00B</td>
<td>M28-03-BL00B</td>
<td>M28-03-DL00B</td>
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<td>1/2</td>
<td>M28-04-CG00B</td>
<td>M28-04-BK00B</td>
<td>M28-04-DK00B</td>
<td>M28-04-CL00B</td>
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<td>3/4</td>
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<td>M28-06-BK00B</td>
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Options - To order an option supplied with the unit model, add the appropriate coded suffix letter in the designated position of the model number.