**Filter / Regulator CB6**

### Specifications

- **Flow Capacity**
  - 1/4: 64.0 SCFM (30.2 dm³/s)
  - 3/8: 70.0 SCFM (33.0 dm³/s)
  - 1/2: 70.0 SCFM (33.0 dm³/s)

- **Adjusting Range Pressure**
  - 0 to 50 PSIG (0 to 3.5 bar)
  - 0 to 125 PSIG (0 to 8.6 bar)

- **Gauge Port**
  - NPT / BSPT-Rc 1/4

- **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 1/4, 3/8, 1/2

- **Standard Filtration**
  - 5 Micron

- **Weight**
  - 2.4 lb. (1.1 kg)

*Inlet pressure 100 PSIG (6.9 bar). Secondary pressure 90 PSIG (6.2 bar).

**“F” Series Filters, Type “A” 5 Micron Elements:** All Wilkerson Type “A” 5 micron elements meet or exceed ISO Class 3 for maximum particle size and concentration of solid contaminants.

### Materials of Construction

- **Body**
  - Zinc

- **Bonnet, Knob**
  - PBT

- **Bows**
  - Plastic Bowl: Nitrile / Zinc
  - Metal Bowl: Polycarbonate

- **Diaphragm**
  - Nitrile / Zinc

- **Filter Element**
  - Polyethylene

- **Panel Nut**
  - Acetal

- **Seals**
  - Plastic Bowl: Nitrile
  - Metal Bowl: Fluorocarbon

- **Stem, Element Retainer and Deflector**
  - Acetal

- **Springs**
  - Steel

- **Valve Assembly**
  - Brass / Nitrile

### CAUTION:

**REGULATOR PRESSURE ADJUSTMENT** - The working range of knob adjustment is designed to permit outlet pressures within their full range. Pressure adjustment beyond this range is also possible because the knob is not a limiting device. This is a common characteristic of most industrial regulators, and limiting devices may be obtained only by special design.

For best performance, regulated pressure should always be set by increasing the pressure up to the desired setting.

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**WARNING**

Product rupture can cause serious injury. Do not connect regulator to bottled gas. Do not exceed maximum primary pressure rating.
**Replacement Bowl Kits**

- Metal Bowl -
  - Automatic Float Drain.................................FRP-95-950
  - Brass Petcock Drain.................................FRP-95-178
- Metal Bowl / Sight Gauge, Brass Petcock Drain......FRP-95-133
- Plastic Bowl, Flex Tip Drain........................FRP-95-017
- Plastic Bowl / Bowl Guard -
  - Automatic Float Drain...............................FRP-95-015
  - Flex Top Drain...........................................FRP-95-014

**Replacement Element Kits**

- Type "A", 5 Micron w/ Nitrile Bowl O-Ring.........FRP-95-160

**Replacement Kits**

- Diaphragm Assembly -
  - Non-relieving........................................RRP-96-216
  - Self-relieving..........................................RRP-96-213
- Spring, Regulating -
  - 0 to 50 PSIG (0 to 3.4 bar) Blue Color........RRP-95-222
  - 0 to 125 PSIG (0 to 8.5 bar) Silver Color.........RRP-95-224

**Accessories**

- Automatic Mech. Drain, 1/8” NPT –
  - Fluorocarbon ............................................GRP-95-981
  - Nitrile....................................................GRP-95-973
- Manual Flex Tip Drain..................................FRP-95-610
- Wall Mounting Bracket -
  - Gauge Port Adapter, 1/4” NPT.......................RRP-95-590
  - L-Type ....................................................GPA-95-012
- Drain, Manual Override for
  - Auto Float Drain, 1/8 NPT..........................GRP-96-000
- Gauge, Pressure, 2” Dial Face, 1/4” NPT CBM -
  - 0 to 60 PSIG (0 to 4.1 bar) .........................K4520N14060W
  - 0 to 160 PSIG (0 to 11.0 bar) .......................K4520N14160W
  - 0 to 300 PSIG (0 to 21 bar) .........................K4520N14300W
  - 0 to 160 PSIG, 1-3/4" Digital Round, 1/4" NPT ....K4517N14160D
- Panel Nut, Plastic.......................................GPA-95-032
- Tamper Resistant Kit.....................................RPA-95-006

**NOTE:** Gauge not included, order separately by accessory number.

### Ordering Information

<table>
<thead>
<tr>
<th>Model Type</th>
<th>Port Size</th>
<th>Plastic Bowl / Bowl Guard</th>
<th>Metal Bowl</th>
<th>Metal Bowl w/ Sight Gauge</th>
<th>Metal Bowl Low Pressure</th>
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<td>1/4</td>
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<td>CB6-02-000</td>
<td>CB6-02-G00</td>
<td>CB6-02-LM0</td>
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<td>CB6-04-FLM</td>
</tr>
</tbody>
</table>

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