The 67B series high-pressure, ultra-high flow regulator is designed to provide steady and reliable control from liquid and high pressure gas sources requiring delivery pressures up to 750 PSIG and flow rates up to 24,000 SCFH. The ISOFLOW technology enables constant outlet pressure regardless of inlet pressure fluctuations while the ½” and ¾” porting sizes and 2.3 Cv enable the highest possible flow rates. Combined with robust materials of construction and a low static design, the 67B series is the ideal choice for liquid and high pressure source applications.

**Advanced Features**
- **LOW STATIC DESIGN**
  - Liquid or high pressure cylinder use
- **DELIVERY OPTIONS UP TO 750 PSIG**
  - Broad range of applications
- **FRONT AND REAR PANEL MOUNTABLE**
  - Flexible installation
- **40-MICRON INTERNAL FILTER**
  - Limits possibility of gas contamination

67B 5330 F000 shown

### Applications
- **Micro Bulk or Bulk Supply Systems**
  - Nitrogen
  - Oxygen
- **Fiber Laser Assist Gas Supply**
  - Nitrogen
  - Oxygen
  - Air
  - Argon
- **Assist Gas Delivery from High Pressure Supply**
  - Nitrogen
  - Oxygen

### Materials of Construction
- **Body**
  - Brass barstock
- **Bonnet**
  - Brass barstock
- **Seat**
  - Viton® or Chloroprene
- **Dynamic Cartridge**
  - Brass barstock
- **Internal Seals**
  - PTFE and Viton
- **Filter**
  - 40 micron 316L stainless steel

### Specifications
- **Max Inlet Pressure**
  - 3000 PSIG (210 BAR)
- **Temperature Range**
  - -40°F to 140°F (-40°C to 60°C)
- **Gauges**
  - 2-1/2” dual scale (ANSI/ASME B40.1)
- **Inlet and Outlet Connections**
  - ½” or ¾” FPT (primary ports)
  - ¼” FPT (auxiliary ports)
- **Cv**
  - 2.3
- **Weight**
  - 7.3lbs (3.3kg)
**Flow Performance Curves**

![Flow Performance Curves](image)

**Installation Dimensions**

![Installation Dimensions](image)

**Ordering Information**

<table>
<thead>
<tr>
<th>67B A</th>
<th>Outlet Pressure</th>
<th>Outlet Gauge</th>
<th>Inlet Gauge</th>
<th>Outlet Assemblies</th>
<th>Assembly/Gauges</th>
<th>CON</th>
<th>Options</th>
<th>Seat</th>
</tr>
</thead>
<tbody>
<tr>
<td>67B</td>
<td>0-125 PSIG (0-9 BAR)</td>
<td>0-200 PSIG (0-15 BAR)</td>
<td>0: None</td>
<td>0: None</td>
<td>0: ¼&quot; FPT ports (Bare body)</td>
<td>TF8: ½&quot; brass compression tube</td>
<td>R: Viton®</td>
<td></td>
</tr>
<tr>
<td>2: 0-250 PSIG (0-17 BAR)</td>
<td>0-400 PSIG (0-27 BAR)</td>
<td>1: ½&quot; MPT</td>
<td>1: ½&quot; FPT ports, right inlet (PSI/PSIG gauges)</td>
<td>1: ½&quot; brass compression tube</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5: 0-500 PSIG (0-35 BAR)</td>
<td>0-1000 PSIG (0-70 BAR)</td>
<td>2: ¾&quot; MPT</td>
<td>2: ¾&quot; FPT ports, right inlet (BAR/PSIG gauges)</td>
<td>2: ¾&quot; stainless steel compression tube</td>
<td></td>
<td></td>
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<tr>
<td>7: 0-750 PSIG (0-52 BAR)</td>
<td>0-1000 PSIG (0-70 BAR)</td>
<td>3: ½&quot; brass compression tube</td>
<td>3: ½&quot; NPT ports, left inlet (PSI/kPA gauges)</td>
<td>3: ½&quot; stainless steel compression tube</td>
<td></td>
<td></td>
<td></td>
<td></td>
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</tbody>
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