Model 81-2
Dual-Stage General Purpose Low Delivery Brass Pressure Regulator

Description
General purpose regulators designed to reduce full cylinder pressure (maximum 3000 psig) down to very low working pressures (0.1 to 2 psig).

Applications
- Regulation of fuel supply to burners.
- Purging low pressure environmental chambers.
- Maintaining low pressure blankets of inert gas on fuel and chemical storage facilities.

Design Features/Components
- General purpose forged brass body
- 2-1/2” inlet and delivery pressure gauges
- Equipped with outlet needle valve
- Porous metal filter protects seat from contamination
- 1/4” NPTM outlet connection

Materials of Construction
- Gauges: Chrome plated brass
- Body: Chrome plated forged brass
- Bonnet: Chrome plated forged brass (1st and 2nd stages)
- Diaphragms: First Stage – Neoprene
- Second Stage – Neoprene
- Seats: First Stage – PTFE
- Second Stage – PTFE
- Seals: Neoprene/Teflon

Specifications
- Maximum Inlet Pressure: 3000 psig (20,700 kPa)
- Flow Capacity (Cv): 0.53
- Operating Temperature: -20°F to 140°F (-29°C to 60°C)
- Porting (Regulator Body): 1/4” NPT Female
- Porting Configuration: 2 High, 2 Low
- Shipping Weight: 7 lbs

Ordering Information

<table>
<thead>
<tr>
<th>Part Number*</th>
<th>Delivery Pressure Range</th>
<th>Delivery Pressure Gauge</th>
<th>Cylinder Pressure Gauge</th>
</tr>
</thead>
<tbody>
<tr>
<td>SEQ812CGA</td>
<td>0.1-2 psig</td>
<td>0.1-3 psig</td>
<td>0-3000 psig</td>
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</tbody>
</table>

*Note: For ordering, replace letters “CGA” with the valve outlet CGA number for the gas cylinder you are using. Some CGA limitations may apply.

Options

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>SEQCON0208BO</td>
<td>1/4” Compression Tube Outlet Connection (Brass)</td>
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</tbody>
</table>

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