Model 1250 Series
Dual-Stage Brass Regulator

Description
High purity regulators constructed for use with non-corrosive gases.

Applications
• Supply of carrier gas/detector support gas for gas chromatography applications.
• Calibration of pressure gauges, rotameters, and mass flow controllers.
• Applications where a constant delivery pressure is required.
• Applications with high duty cycle/demanding operating conditions.

Design Features/Components
• Forged brass body
• Stainless steel diaphragms (1st and 2nd stages)
• 2” inlet and delivery pressure gauges
• Equipped with outlet diaphragm valve
• 1/4” NPTF outlet connection
• One-piece encapsulated seat with (10µ) internal filter to protect against contamination

Materials of Construction
Gauges: Chrome plated brass
Body: Forged brass
Bonnet: Chrome plated zinc die cast
Diaphragm:
  First Stage – stainless steel
  Second Stage – stainless steel
Seats:
  First Stage – PTFE
  Second Stage – PTFE
Seals: PTFE

Specifications
Maximum Inlet Pressure: 3000 psig (20,700 kPa)
Flow Capacity (Cv): 0.15
Operating Temperature: -20°F to 140°F (-29°C to 60°C)
Valve Outlet Connection: 1/4” NPTF
Porting (Regulator Body): 1/4” NPTF
Porting Configuration: 2 High, 2 Low, 1 Interstage
Shipping Weight: 6 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>SEQ1251CGA</td>
<td>2-15 psig</td>
<td>0-30 psig</td>
<td>0-4000 psig</td>
</tr>
<tr>
<td>SEQ1252CGA</td>
<td>4-50 psig</td>
<td>0-100 psig</td>
<td>0-4000 psig</td>
</tr>
<tr>
<td>SEQ1253CGA</td>
<td>10-125 psig</td>
<td>0-200 psig</td>
<td>0-4000 psig</td>
</tr>
<tr>
<td>SEQ1254CGA</td>
<td>20-250 psig</td>
<td>0-400 psig</td>
<td>0-4000 psig</td>
</tr>
</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>SEQCON0213BO</td>
<td>1/4” Compression Tube Outlet Connection (Brass)</td>
</tr>
</tbody>
</table>