Model 81 Series
Dual-Stage Deluxe General Purpose Brass Regulator

Design Features/Components
- Chrome plated brass body
- Neoprene diaphragms (1st and 2nd stages)
- 2-1/2” inlet and delivery pressure gauges
- Equipped with outlet needle valve
- 1/4” NPTM outlet connections with loose hose barb
- One-piece encapsulated seat with (10µ) internal fitter to protect against contamination

Materials of Construction
Gauges: Chrome plated brass
Body: Forged brass
Bonnet: Chrome plated zinc die cast (1st and 2nd stages)
Diaphragm: First Stage – neoprene
Second Stage – neoprene
Seats: First Stage – PTFE
Second Stage – PTFE
Seals: Neoprene

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)
Porting (Regulator Body): 1/4” NPT Female
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>SEQ81LCGA</td>
<td>2-15 psig</td>
<td>0-30 psig</td>
<td>0-3000 psig</td>
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<tr>
<td>SEQ81LA510**</td>
<td>2-15 psig</td>
<td>0-15 psig</td>
<td>0-400 psig</td>
</tr>
<tr>
<td>SEQ81CGA</td>
<td>4-50 psig</td>
<td>0-100 psig</td>
<td>0-3000 psig</td>
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<tr>
<td>SEQ81HCGA</td>
<td>10-125 psig</td>
<td>0-200 psig</td>
<td>0-3000 psig</td>
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<tr>
<td>SEQ81250CGA</td>
<td>20-250 psig</td>
<td>0-400 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.

**Acetylene service only

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>
</tr>
</tbody>
</table>