Model 3700 Series
Low Pressure Line Regulator

Description
A general purpose line regulator designed for low inlet pressure and low delivery pressure applications with non-corrosive gases.

Applications
• Control of constant fuel burner flame.
• Inert gas blanketing at low pressures.

Design Features/Components
• Zinc body
• Rubber diaphragm
• 2-1/2” delivery pressure gauge - 3701
• 3-1/2” delivery pressure gauge - 3702/3703
• Porous metal filter protects seat from contamination
• 1/4” NPTM inlet/outlet connection with loose hose barb
• Pressure adjusting screw protected by “security cap”

Materials of Construction
Gauges: Chrome plated brass
Body: Cast zinc
Bonnet: Die cast zinc
Diaphragm: Natural rubber
Seat: Natural rubber
Seals: Natural rubber

Specifications
Maximum Inlet Pressure: 250 psig (1,725 kPa)
Model 3701A: Less than 35 SLPM
Model 3702: 260 SCFH (123 SLPM)
Model 3703: 350 SCFH (165 SLPM)
Flow Capacity (Cv): 0.8
Operating Temperature: -40°F to 150°F (-40°C to 65°C)
Porting (Regulator Body): 1 High, 1 Low
Input Pressure: 1/4” NPT Female
Shipping Weight: 7 lbs

Ordering Information

<table>
<thead>
<tr>
<th>Part Number**</th>
<th>Delivery Pressure Range</th>
<th>Delivery Pressure Gauge</th>
</tr>
</thead>
<tbody>
<tr>
<td>SEQ3701A</td>
<td>2-25” water column</td>
<td>0-35” water column</td>
</tr>
<tr>
<td>SEQ3702</td>
<td>0.5-5.0 psig</td>
<td>0-10 psig*</td>
</tr>
<tr>
<td>SEQ3703</td>
<td>5-10 psig</td>
<td>0-10 psig*</td>
</tr>
</tbody>
</table>

*Compressed resolution between 10-30 psig
** The Model 3700 Series cannot be supplied with CGA connections.
Model 370A1 has a built in relief valve; relieves at 16” to 39” water column above set pressure.
Model 3702 has a built in relief valve; relieves at 7 to 9 psig.
Models 3702 and 3703 do not shut-off when adjusting screw is completely turned out.

Options

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>SEQ60053232</td>
<td>Hose Assembly to connect inlet of Model 3700 Series to outlet of other regulators. Maximum pressure: 250 psig</td>
</tr>
</tbody>
</table>