Model 3700 Series
Low Pressure Line Regulator

*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.

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
<table>
<thead>
<tr>
<th>Gauges:</th>
<th>Chrome plated brass</th>
</tr>
</thead>
<tbody>
<tr>
<td>Body:</td>
<td>Cast zinc</td>
</tr>
<tr>
<td>Bonnet:</td>
<td>Die cast zinc</td>
</tr>
<tr>
<td>Diaphragm:</td>
<td>Natural rubber</td>
</tr>
<tr>
<td>Seat:</td>
<td>Natural rubber</td>
</tr>
<tr>
<td>Seals:</td>
<td>Natural rubber</td>
</tr>
</tbody>
</table>

Specifications
- Maximum Inlet Pressure: 250 psig (1,725 kPa)
- Maximum Flow Rate:
  - 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): 1/4" NPT Female
- Porting Configuration: 1 High, 1 Low
- 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&quot; water column</td>
<td>0-35&quot; 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>

*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>

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.

Application

- Control of constant fuel burner flame.