**Model 3491**

Economy Vacuum Line Regulator

**Description**
Economical line regulator for vacuum applications.

**Applications**
- Point-of-use regulation of non-corrosive gases (1.8 psig – 1 mm Hg absolute)
- Atmospheric chamber studies
- Biological research
- Environmental atmosphere studies

**Design Features/Components**
- Economical brass body
- Butyl rubber diaphragm
- 3-1/2” delivery pressure gauge
- 1/4” NPTM inlet and outlet connections
- Porous metal filter protects seat from contamination
- Hose connections supplied as standard
- Rear inlet with bottom outlet for easy installation

**Materials of Construction**
- Gauge: Chrome plated brass
- Body: Brass
- Diaphragm: Butyl rubber
- Seat: Viton

**Specifications**
- Maximum Inlet Pressure: 120 psig*
- Operating Temperature: -20°F to 140°F (-30°C to 60°C)
- Flow Capacity (Cv): 0.64
- Shipping Weight: 5 lbs

*Recommended minimum inlet pressure 20 psig to attain full delivery pressure range. Optimum inlet pressure 50 psig.

**Ordering Information**

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Delivery Pressure Range</th>
<th>Delivery Pressure Gauge</th>
</tr>
</thead>
<tbody>
<tr>
<td>SEQ3491A</td>
<td>1.8 psig to 1 mm Hg abs.</td>
<td>760 mm Hg vac/0-5 psig</td>
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</tbody>
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**Options**

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
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<tbody>
<tr>
<td>SEQ60053232</td>
<td>2 ft. Hose Assembly - to connect the inlet of the Model 3491 regulator to the outlet of a high pressure regulator (such as a Model 1L) when supply gas pressure exceeds 120 psig (828 kPa). Maximum pressure: 250 psig</td>
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