RegO® High Pressure Industrial Regulators
597 Series

Application
Designed to reduce LP-Gas container pressure down to between 0.1 bar and 7.0 bar. Ideal for liquid or vapour service, they can be used in a variety of applications including salamander heaters, weed burning torches, fish cookers, tar pot heaters, and other industrial type services.

Are in accordance with the requirements of Directive 97/23/EC for pressure equipment. But being pressure equipment equal or below the limits in section 1.1, 1.2 and 1.3 of Article 3 are stated to be designed and manufactured with the sound engineering practice of a Member State in order to ensure safe use. 597 series are UL approved.

Materials
- Body: Zinc
- Bonnet: Zinc
- Springs: Steel
- Valve Seat Discs: Resilient Rubber
- Diaphragm: Integrated Fabric & Synthetic Rubber
- Adjusting Screw: Brass

Ordering Information

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Adjustment Method</th>
<th>Inlet Connection</th>
<th>Outlet Connection</th>
<th>Recommended Delivery Pressure range in bar</th>
<th>Capacity Determined at Set pressure of bar</th>
<th>Approximate Capacity Propane **</th>
</tr>
</thead>
<tbody>
<tr>
<td>597FA</td>
<td>Tee Handle</td>
<td>¼” F.NPT</td>
<td>¼” F.NPT</td>
<td>0.1 – 1.0</td>
<td>0.7</td>
<td>37 kg/h</td>
</tr>
<tr>
<td>597FB</td>
<td>Tee Handle</td>
<td>¼” F.NPT</td>
<td>¼” F.NPT</td>
<td>0.7 – 2.0</td>
<td>1.4</td>
<td>63 kg/h</td>
</tr>
<tr>
<td>597FC</td>
<td>Tee Handle</td>
<td>¼” F.NPT</td>
<td>¼” F.NPT</td>
<td>1.4 – 3.0</td>
<td>2.0</td>
<td>73 kg/h</td>
</tr>
<tr>
<td>597FD</td>
<td>Tee Handle</td>
<td>¼” F.NPT</td>
<td>¼” F.NPT</td>
<td>2.8 – 7.0</td>
<td>2.8</td>
<td>94 kg/h</td>
</tr>
</tbody>
</table>

* Set pressure established at 7.0 bar inlet and a flow of 5.0 kg/h
** Capacity determined at actual delivery pressure 20% less than set pressure with inlet pressure 1.4 bar higher than the set pressure
at a reasonable price.

- Suitable for both liquid and vapor service.
- Compact design provides for easy installation.

• Bonnet and body are assembled in the USA using the unique, patented RegULokSM Seal System.

597 Performance

597FA

597FB

597FC

597FD