RegO® Low Pressure Second Stage Regulators

LV4403H Series

Application
Designed to reduce first stage pressure of 0.35 to 1.5 bar down to burner pressure, normally 36 mbar. Ideal for medium commercial installations, multiple cylinder installations and normal domestic loads.

Features
- Large vent helps prevent blockage and has ¾” F.NPT for vent piping.
- With 1 bar inlet pressure, regulator is designed to not pass more then 138 mbar with the seat disc removed.
- Incorporates integral relief valve
- Replaceable valve orifice and valve seat disc.
- Unique bonnet vent profile minimizes vent freeze over when properly installed.
- Large moulded diaphragm is extra sensitive to pressure changes.
- Built in pressure tap has plugged 1/8” F.NPT outlet. Plug can be removed with a 3/16” hex allen wrench.
- Select brown finish.
- Length of the Regulator 18 cm
- Height of the Regulator 11,8 cm
- Length between the bracket screws 11,4 cm

Ordering Information

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Inlet Connection</th>
<th>Outlet Connection</th>
<th>Orifice Size</th>
<th>Factory Delivery Pressure @ 0.7 bar inlet</th>
<th>Adjustment Range</th>
<th>Bonnet Vent Position</th>
<th>Approximat Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>LV4403H222</td>
<td>¼” F.NPT</td>
<td>½” F.NPT</td>
<td>3,5 mm</td>
<td>56mbar</td>
<td>37 – 87 mbar</td>
<td>Over inlet</td>
<td>14 kg/h</td>
</tr>
<tr>
<td>LV4403H414</td>
<td>½” F.NPT</td>
<td>½” F.NPT</td>
<td>3,5 mm</td>
<td>36mbar</td>
<td>31 – 47 mbar</td>
<td>Over inlet</td>
<td>14 kg/h</td>
</tr>
<tr>
<td>LV4403H420</td>
<td>½” F.NPT</td>
<td>½” F.NPT</td>
<td>3,5 mm</td>
<td>50mbar</td>
<td>37 – 87 mbar</td>
<td>Over inlet</td>
<td>14 kg/h</td>
</tr>
<tr>
<td>LV4403H4614</td>
<td>½” F.NPT</td>
<td>¾” F.NPT</td>
<td>3,5 mm</td>
<td>36mbar</td>
<td>31 – 47 mbar</td>
<td>Over inlet</td>
<td>14 kg/h</td>
</tr>
<tr>
<td>LV4403H4620</td>
<td>½” F.NPT</td>
<td>¾” F.NPT</td>
<td>3,5 mm</td>
<td>50mbar</td>
<td>37 – 87 mbar</td>
<td>Over inlet</td>
<td>14 kg/h</td>
</tr>
<tr>
<td>LV4403H6614</td>
<td>¾” F.NPT</td>
<td>¾” F.NPT</td>
<td>3,5 mm</td>
<td>36mbar</td>
<td>31 – 47 mbar</td>
<td>Over inlet</td>
<td>14 kg/h</td>
</tr>
</tbody>
</table>

Materials
- Body: Die Cast Zinc
- Bonnet: Die Cast Zinc
- Nozzle Orifice: Brass
- Spring: Steel
- Valve Seat Disc: Resilient Rubber
- Diaphragm: Integrated Fabric & Synthetic Rubber

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. LV4403H Series are UL approved.