Low Pressure Second Stage Regulators

LV5503B Series

Application
Designed to reduce first stage pressure of 5 to 20 PSIG down to burner pressure, normally 11" w.c. Ideal for larger commercial and industrial applications, multiple cylinder installations and large domestic systems.

Features
- Incorporates integral relief valve.
- With 15 PSIG inlet pressure, regulator is designed to not pass more than 2 PSIG with the seat disc removed.
- Replaceable valve orifice and valve seat disc.
- Straight line valve closure saves wear on seat disc and orifice.
- Built in pressure tap has plugged 1⁄8" F.NPT outlet. Plug can be removed with a 3⁄16" hex allen wrench.
- Large bonnet vent profile minimizes vent freeze over when properly installed.
- Extra long lever arm for uniform delivery pressure.
- Large diaphragm is extra sensitive to pressure changes.
- Select brown finish.

Materials
Body ......................................................... Die Cast Aluminum
Bonnet ....................................................... Die Cast Aluminum
Nozzle Orifice ............................................... Brass
Spring .......................................................... Steel
Valve Seat Disc ............................................... Resilient Rubber
Diaphragm ............................................... Integrated Fabric and Synthetic Rubber

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</th>
<th>Adjustment Range</th>
<th>Bonnet Vent Position</th>
<th>Vapor Capacity BTU/hr. Propane*</th>
</tr>
</thead>
<tbody>
<tr>
<td>LV5503B4</td>
<td>1⁄2&quot; F. NPT</td>
<td>3⁄4&quot; F. NPT</td>
<td>3⁄8&quot;</td>
<td>11&quot; w.c. at 10 PSIG Inlet</td>
<td>9&quot; - 13&quot; w.c.</td>
<td>Over Inlet</td>
<td>1,600,000</td>
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<tr>
<td>LV5503B6</td>
<td>3⁄8&quot; F. NPT</td>
<td>1&quot; F. NPT</td>
<td>5⁄32&quot;</td>
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<tr>
<td>LV5503B8</td>
<td>3⁄8&quot; F. NPT</td>
<td>7⁄32&quot; F. NPT</td>
<td>1⁄4&quot;</td>
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</tbody>
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* Maximum flow is based on 10 PSIG inlet and 9" w.c. delivery pressure.

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