**VOLUME BOOSTERS**

**Economical, 1:1 Ratio**

The Series VB Volume Boosters are a one-to-one signal to output relay and an ideal solution to increasing valve stroke speed. A large input signal change to the booster delivers high volume for quick throttling control. Volume booster responds to the slightest changes in input signal, which in turn increases accuracy of the output of air pressure to the actuator. This booster receives the positioner’s signal output and supplies the proper air pressure to the actuator to reduce response and adjustment time. Available in aluminum or stainless steel.

**FEATURES/BENEFITS**
- Responds to the slightest change in input signal
- Supplies constant air pressure at a 1:1 ratio

**APPLICATIONS**
- Used with pneumatic control valves

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**SERIES MPR | PROXIMITY® BY DWYER**

**MINIATURE PRESSURE REGULATOR**

Air or Water Regulator, Compact and Lightweight, Low Cost

The Series MPR Miniature Pressure Regulator is a compact unit that provides low cost, high performance pressure regulation of compressed air or air/water. The low torque, non-rising adjustment knob with locking capability provides easy and precise adjustment. Models for use with air are self-relieving. Models for air/water are non-relieving.

**FEATURES/BENEFITS**
- Low cost
- Easy and precise adjustment
- Compact

**APPLICATIONS**
- Any industrial application that requires water or air pressure regulations and low cost

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**MODEL CHART**

<table>
<thead>
<tr>
<th>Model</th>
<th>Cv</th>
<th>Weight</th>
<th>In/Out Connection</th>
<th>Construction</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>VB-01</td>
<td>1.02</td>
<td>1.1 lb (0.5 kg)</td>
<td>1/4˝ NPT</td>
<td>Aluminum</td>
<td>$176.00</td>
</tr>
<tr>
<td>VB-01SS</td>
<td>1.02</td>
<td>2.9 lb (1.3 kg)</td>
<td>1/4˝ NPT</td>
<td>SS</td>
<td>915.00</td>
</tr>
<tr>
<td>VB-02</td>
<td>2.32</td>
<td>1.7 lb (0.76 kg)</td>
<td>1/2˝ NPT</td>
<td>Aluminum</td>
<td>573.00</td>
</tr>
<tr>
<td>VB-02SS</td>
<td>2.32</td>
<td>4.2 lb (1.9 kg)</td>
<td>1/2˝ NPT</td>
<td>SS</td>
<td>1144.00</td>
</tr>
<tr>
<td>VB-03</td>
<td>4.98</td>
<td>5.1 lb (2.3 kg)</td>
<td>3/4˝ NPT</td>
<td>Aluminum</td>
<td>807.00</td>
</tr>
<tr>
<td>VB-03SS</td>
<td>4.98</td>
<td>11 lb (5 kg)</td>
<td>3/4˝ NPT</td>
<td>SS</td>
<td>1288.00</td>
</tr>
</tbody>
</table>

( ) Items are subject to Schedule B discounts.

**SPECIFICATIONS**

- **Service**: Air only.
- **Wetted Materials**: Body: Aluminum or SS; Diaphragm/seals: Nitrile elastomer.
- **Max Supply Pressure**: 145 psi (10 bar).
- **Max Signal/Output Pressure**: 101.5 psi (7 bar).
- **Signal Connection**: 1/4˝ NPT.
- **In/Output Pressure Ratio**: 1:1.
- **Temperature Limits**: -4 to 158°F (-20 to 70°C).
- **Linearity**: ±1% FS.
- **In/Output Connection**: See model chart.
- **Weight**: See model chart.

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**ACCESSORIES**

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>MPR-B</td>
<td>Mounting bracket</td>
<td>$14.25</td>
</tr>
<tr>
<td>MPR-N</td>
<td>Panel mounting nut</td>
<td>3.69</td>
</tr>
</tbody>
</table>

USA: California Proposition 65

©WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov