**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

**SPECIFICATIONS**

<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>
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<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>
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<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>
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<td>VB-02SS</td>
<td>2.32</td>
<td>4.2 lb (1.9 kg)</td>
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<td>SS</td>
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<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>
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<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.

**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

**SPECIFICATIONS**

- **Service**: Compressed air or water.
- **Wetted Materials**: Body: Zinc; Bonnet: Acetal; Diaphragm/seals: Nitrile; Internals: Aluminum, brass, acetal, steel, music wire (MPR2 is plated with electroless nickel for water use).
- **Maximum Supply Pressure**: 250 psig (17.2 bar).
- **Temperature Limits**: 0 to 150°F (-18 to 60°C).
- **Flow Capacity**: 24 SCFM (48 m³/hr) at 100 psig (6.9 bar) supply, 60 psig (4.1 bar) output.
- **Process Connection**: Inlet and outlet: Two 1/4˝ female NPT, gage ports.
- **Weight**: 4 oz (113 g).

**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>3.60</td>
</tr>
</tbody>
</table>

USA: California Proposition 65

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