The Series IPV Air Hammer helps to smooth the flow and prevent accumulation inside of containers. It is often applied to a pipe or clean elbow in a tank filled with humidity or low specific gravity material.

**FEATURES/BENEFITS**
- High strength aluminum housing
- Impact force and interval timing can be adjusted as needed
- Magnetic hammer stores magnetic strength to increase the piston’s impact power
- Includes muffler for exhaust port.

**APPLICATIONS**
- Bin vents
- Bag houses
- Dust collectors

**HOW IT OPERATES**
The IPV series air hammer contains a powerful magnet inside the hammer. The hammer and magnet are tightly closed before activation. As the inlet air pressure gets higher than the force, this tightens the hammer and magnet. The hammer and magnet will separate and cause more strength for impact power. The spring will bring the hammer back to the initial position automatically after the impact. By doing this, the air pressure will be released and the strength of the air pressure will be delivered to the target impact container. It will help to smooth the flow and prevent accumulation inside the container.

**SPECIFICATIONS**
- **Temperature Limit:** 212°F (100°C).
- **Noise Level Range:** 60 to 75 dBA.
- **Supply Pressure:** 43.5 to 87 psi (3 to 6 bar).
- **Air Consumption:** See model chart.
- **Air Connection:** 1/4˝ BSPT female with 1/4˝ OD push to connect adapter on IPV-1, IPV-2 and IPV-3; 3/8˝ BSPT female with 3/8˝ OD push to connect adapter on IPV-4.

### MODEL CHART

<table>
<thead>
<tr>
<th>Model</th>
<th>Impulse lbf•s (N•S)</th>
<th>Air Consumption in³ (l) per stroke</th>
<th>Weight lb (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>IPV-1</td>
<td>.225 (.10)</td>
<td>1.71 (.028)</td>
<td>2.43 (.11)</td>
</tr>
<tr>
<td>IPV-2</td>
<td>.630 (.28)</td>
<td>5.0 (.082)</td>
<td>3.97 (.18)</td>
</tr>
<tr>
<td>IPV-3</td>
<td>1.66 (.74)</td>
<td>14.0 (.229)</td>
<td>8.62 (4.0)</td>
</tr>
<tr>
<td>IPV-4</td>
<td>2.81 (1.25)</td>
<td>27.8 (.455)</td>
<td>18.52 (8.4)</td>
</tr>
</tbody>
</table>

**SERIES EBV | PROXIMITY® BY DWYER**

**ELECTRIC BIN VIBRATOR**
Adjustable Vibration Intensity

The Series EBV Electric Bin Vibrator features an adjustable force, which increases the application flexibility and reduces equipment downtime and labor expense. The low amperage draw at 120 V reduces power consumption and makes the vibrators usable in any application. The EBV is capable of running continuously at 100% force output without overheating or mechanical damage.

**FEATURES/BENEFITS**
- NEMA 4X (IP66) aluminum housing
- Centrifugal force can be adjusted as needed
- Silent operation at 20 dB

**APPLICATIONS**
- Bin vents
- Bag houses
- Dust collectors

**SPECIFICATIONS**
- **Power Requirements:** 120 VAC.
- **Power Consumption:** See model chart.
- **Temperature Limits:** -4 to 104°F (-20 to 40°C).
- **Enclosure:** Aluminum.
- **Enclosure Rating:** NEMA 4X (IP66).

### MODEL CHART

<table>
<thead>
<tr>
<th>Model</th>
<th>Max Power Kw</th>
<th>Centrifugal Force Kg / lb</th>
<th>Current Max Amps</th>
<th>Weight lb</th>
</tr>
</thead>
<tbody>
<tr>
<td>EBV-1</td>
<td>0.09</td>
<td>71 / 156.5</td>
<td>1.03</td>
<td>9.3</td>
</tr>
<tr>
<td>EBV-2</td>
<td>0.11</td>
<td>95 / 209.4</td>
<td>1.3</td>
<td>10.1</td>
</tr>
<tr>
<td>EBV-3</td>
<td>0.21</td>
<td>189 / 416.7</td>
<td>2.62</td>
<td>15.4</td>
</tr>
<tr>
<td>EBV-4</td>
<td>0.28</td>
<td>323 / 712.1</td>
<td>3.43</td>
<td>21.6</td>
</tr>
</tbody>
</table>

**CE**

**SERIES IPV | PROXIMITY® BY DWYER**

**AIR HAMMER**
Single Impacting Type

**ELECTRIC BIN VIBRATOR**
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