MVP Vacuum Pumps
MaxFlow Vacuum Pumps: 7.5 to 20 Hp (5.6 & 14.9 Kw)

These pumps use an exclusive spiral flow design to produce higher vacuum than standard positive displacement pumps.

The MVP Series pump delivers high efficiency operation with a 12-15% higher air volume and about 15% increase in operating vacuum compared to standard positive displacement pumps. Ideal when processors need additional conveying capacity without the expense of re-plumbing conveying lines.

**Spiral Flow Design, Belt Driven by A 3 Phase Motor**
Creates deep vacuum for high throughput and/or long distance conveying.

**Starter Panel Disconnect**
Circuit breaker* provides local short circuit protection.

**Electronic Motor Overload Protection**
Phase loss detection, plus quicker trip speed vs. thermal O.L. provides superior motor protection.

**Vacuum Breaker Valve and Clear Canister Safety Filter**
These standard components provide trouble free operation and long pump life by minimizing pump starts and internal dust contamination.

**2-Year Warranty**
Improved reliability makes 2-year warranty possible.

**MVP-10 with Clear View Cannister**

**ClearVu canister filter. Know exactly when you need to clean/replace filter element.**

**Plus:**
- 3-phase motor on slide base with magnetic starter
- Fully enclosed belt housing
- Vacuum gauge and relief valve
- Standard pump voltage 460/3/60 (Other voltages optional at no charge)

[Diagram of vacuum pump system]
Specifications:  (Consult factory for elevations above 2000 feet.)

<table>
<thead>
<tr>
<th>Model Number</th>
<th>MVP-7.5</th>
<th>MVP-10</th>
<th>MVP-15</th>
<th>MVP-20</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pump power hp</td>
<td>7.5</td>
<td>10 hp</td>
<td>15 hp</td>
<td>20</td>
</tr>
<tr>
<td>Inlet O.D.</td>
<td>2”</td>
<td>2.5”</td>
<td>3”</td>
<td>3.5”</td>
</tr>
<tr>
<td>Air Volume</td>
<td>125 cfm</td>
<td>200 cfm</td>
<td>295 cfm</td>
<td>390 cfm</td>
</tr>
<tr>
<td>Vacuum Relief</td>
<td>15 hg</td>
<td>15 hg</td>
<td>15 hg</td>
<td>15 hg</td>
</tr>
<tr>
<td>Width</td>
<td>45”</td>
<td>45”</td>
<td>48”</td>
<td>50”</td>
</tr>
<tr>
<td>Depth</td>
<td>34”</td>
<td>34”</td>
<td>38”</td>
<td>40”</td>
</tr>
<tr>
<td>Height</td>
<td>38”</td>
<td>38”</td>
<td>48”</td>
<td>48”</td>
</tr>
<tr>
<td>Shipping Weight</td>
<td>588 lb.</td>
<td>610 lb.</td>
<td>770 lb.</td>
<td>1050 lb.</td>
</tr>
</tbody>
</table>

Package Includes:
Pump w/ Starter Plus Disconnect (Power Isolation Switch, Contactor, Electronic Motor Overload, Circuit Breaker)

Options:  (Separate line item on order. See price list 320)

Alternate Control Voltages: 115/1/60 VAC (No Charge)
Alternate Power Voltages: 460/3/60 (Standard)
575/3/60 (No charge) Includes Fused Disconnect with Thermal Motor Overload Protection
400/3/50 (No charge)

DeviceNet Cable(s) for Pump: In lieu of standard cable(s) (Available in 24 VDC only)

Accessories:  (Separate line item on order and shipped separately. See Price List 321).

Sound Curtain Kit: 3–20 hp
Optional Sound Curtain Kit
Greatly reduces pump noise and allows easy access

Closed Loop Applications: Consult factory
DeviceNet Cable(s) for DSV: in lieu of standard cables (24VDC only)