



MVP Vacuum Pumps

Smart Pumps with Optional Predictive Maintenance

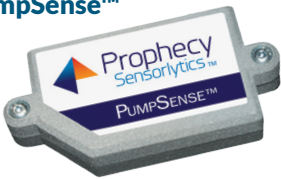
MVP Pumps use an exclusive spiral flow design to produce higher vacuum than standard positive displacement pumps.

The MVP Series delivers high efficiency operation with a 12-15% higher air volume and nearly a 15% increase in operating vacuum compared to standard positive displacement pumps. This pump is ideal for longer distance conveying requirements. Conveying efficiency can be dramatically improved with a properly designed dual diameter tubing system.



MVP-10

- › **Monitor, Diagnose and Prescribe Corrective Action with Optional PumpSense™**



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

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

- › **Clear Canister Safety Filter**
ClearVu canister filter. Know exactly when you need to clean/replace filter element.



MVP-10 with ClearVu canister

- › **Optional Prophecy Sensorlytics™ App**
Monitors pump components and sends actionable maintenance advice via text and email. The purchase of optional PumpSense hardware includes free access to the Prophecy Sensorlytics data plan for six months.

- › **Vacuum Breaker Valve**
These standard components provide trouble-free operation and long pump life by minimizing pump starts.

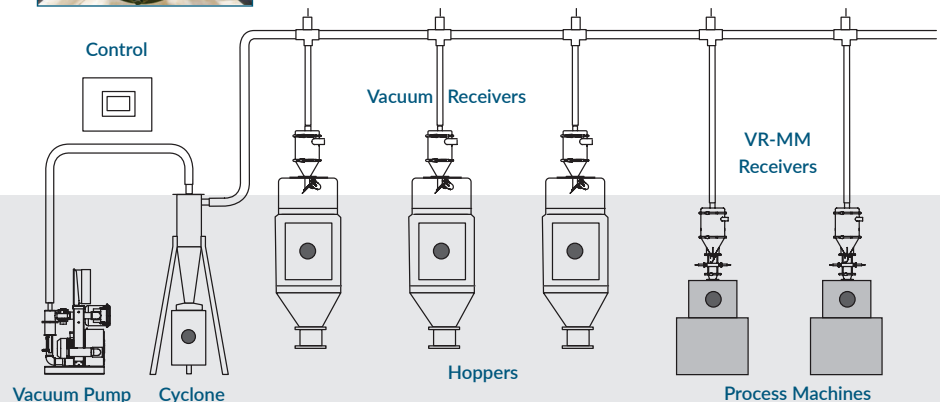
- › **New! E-Z Oil Drain**
Easy open valves simplify oil changes.

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



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)
- › 3-year warranty
- › Extended 5-year pump warranty with activation and continued use of Prophecy Sensorlytics data plan.



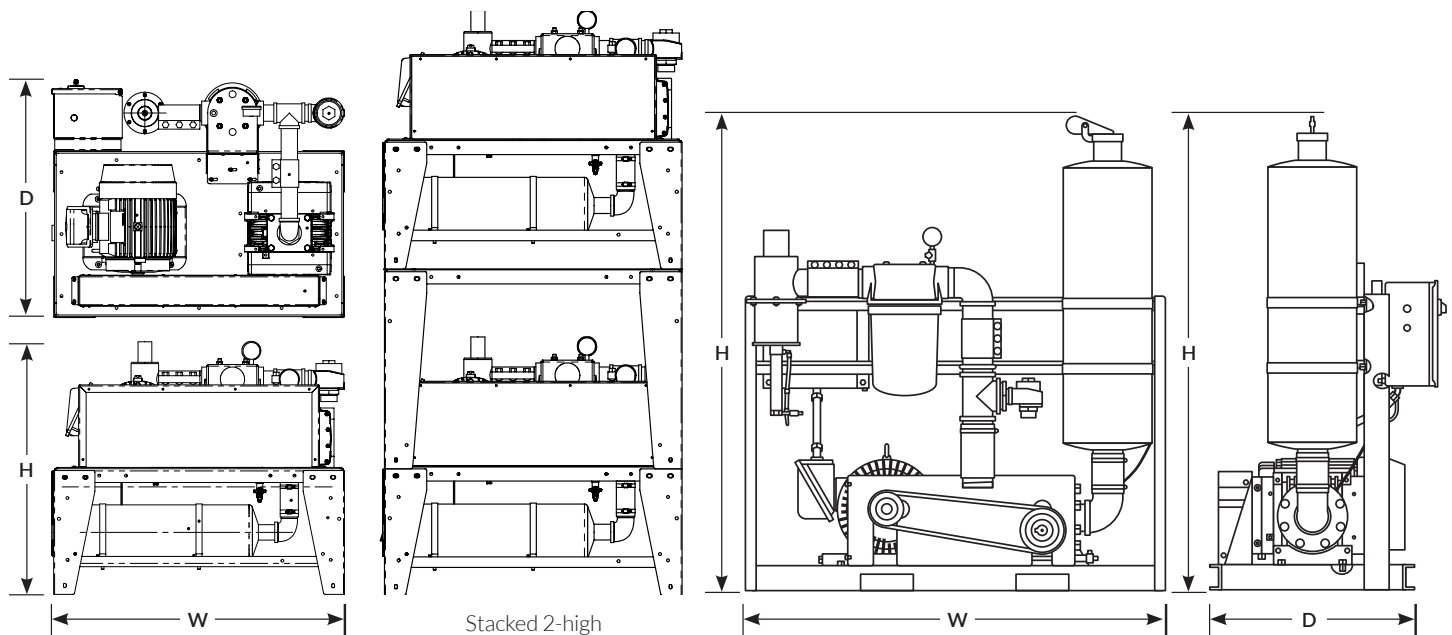
Specifications: (Consult factory for elevations above 3000 feet.)

Model Number	MVP-7.5	MVP-10	MVP-15	MVP-20	MVP-25
Pump power Hp	7.5	10	15	20	25
Inlet O.D.	2 in	2.5 in	3 in	3.5 in	4 in
Air Volume	125 cfm	195 cfm	295 cfm	390 cfm	535 cfm
Vacuum Relief	13.5 Hg	15 Hg	15 Hg	15 Hg	15 Hg
Width	45 in	42.5 in	49 in	49.5 in	65.17 in
Depth	34.6 in	34.6 in	37.5 in	37.4 in	36.89 in
Height	37 in	36.7 in	50 in	49.75 in	74.10 in
Shipping Weight	588 lb	610 lb	770 lb	1050 lb	1350 lb

Note: Height when stacked 2-high: 7.5 Hp = 83 in, 10 Hp = 83.5 in

Package Includes:

Pump with starter plus disconnect (power isolation switch, contactor, electronic motor overload, circuit breaker)



Model MVP-7.5 through MVP-20

Model MVP-25

OPTIONS

- › **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

- › **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 (24 VDC only)