

# VPDB Vacuum Pumps

Vacuum Positive Displacement Pumps: 3-20 hp (2.5kw to 14.9kw) VPD Series: 25 hp (18.6kw)

**VPDB pumps provide powerful vacuum to convey free flowing pellets, powders and regrind in single and multi-receiver systems.**

Each vacuum pump is lubricated, tuned to deliver optimum vacuum and shipped fully assembled. An industrial discharge silencer is included.



VPDB-5 with Clear View Canister and E-Z Oil Drain

## Rotary Lobe Blower, Belt Driven by a 3 Phase Motor

Creates deep vacuum for high throughput and/or long distance conveying.

## Electronic Motor Overload Protection

Phase loss detection, plus quicker trip speed vs. thermal O.L. provides superior motor protection.

## Starter Panel Disconnect

Circuit breaker provides local short circuit protection.

## Plus:

- UL, CSA and CE\* compatible starter components
- Fully enclosed belt housing
- Vacuum gauge and relief valve
- Standard pump voltage 460/3/60 (400V and 575V optional)
- Standard control voltage 24 VDC (115V optional)
- 1-Year warranty

## Vacuum Breaker Valve and Clear Canister Safety Filter

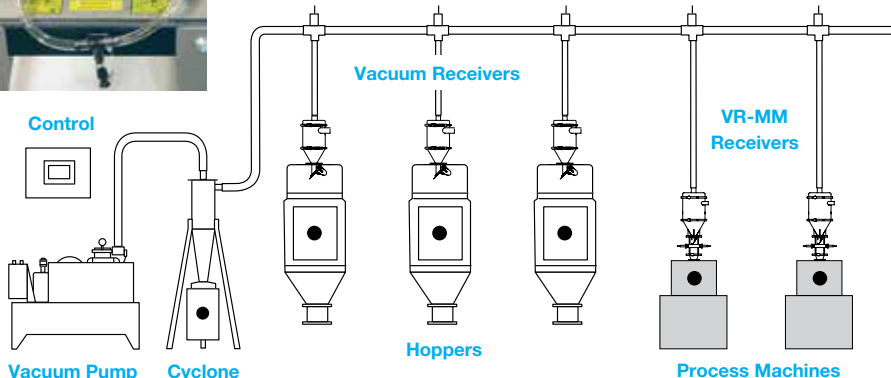
These standard components provide trouble free operation and long pump life by minimizing pump starts and internal dust contamination.

## New! E-Z Oil Drain

Easy-open valves and single drain point simplify oil changes.



Clear dust canister shows filter status at a glance



**DRI-AIR®**  
Industries, Inc.

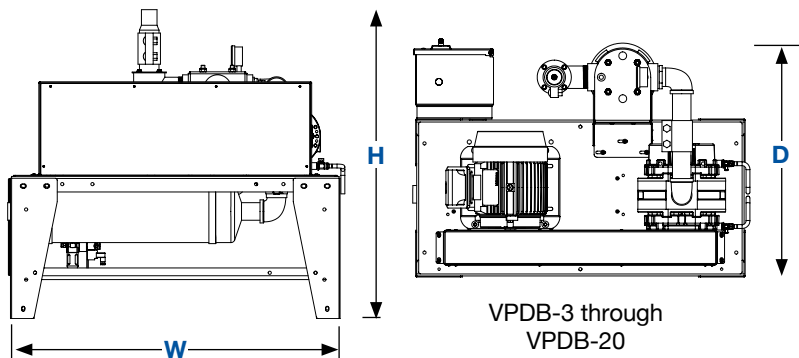
 PROUDLY MADE IN THE USA

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

Model Number	VPDB-3	VPDB-5	VPDB-75	VPDB-10	VPDB-10/3	VPDB-15	VPDB-20*
<b>Pump power</b>	3 hp	5 hp	7.5 hp	10 hp	10 hp	15 hp	20 hp
<b>Inlet O.D.</b>	1.5"	2"	2.5	2.5"	3	3"	4"
<b>Air Volume</b>	55 cfm	100 cfm	155 cfm	170 cfm	235 cfm	250 cfm	470 cfm
<b>Vacuum Relief</b>	12 hg	12.5 hg	12.5 hg	12.5 hg	12.5 hg	12.5 hg	12.5 hg
<b>Width</b>	42.6"	42.6"	52"	44"	44"	56.5"	50.1"
<b>Depth</b>	30.6"	30.6"	30.3"	30.6"	33.5"	37.2"	38.3"
<b>Height</b>	42.8"	39.6"	40.5"	37"	45.7"	45.7 "	53.5"
<b>Shipping Weight</b>	350 lb.	425 lb.	588 lb.	610 lb.	610 lb.	770 lb.	815 lb.

Standard Control Voltage: 24 VDC Standard motor voltage 460/3/60

\* VPD 25hp pump available upon request - contact factory



**Basic Package Includes:** Pump with 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 361)

**Sound Curtain Kit:** 3–20 hp



Optional Sound Curtain Kit  
Greatly reduces pump noise  
and allows easy access

**DSV Discharge Selection Valve for Dry Air Conveying:**

EPV valve with connection stub to pump for 115 VAC or 24 VDC for line diameters of 1.5", 2", 2.5", 3" and 4".



DSV Discharge Selection Valve

**DeviceNet Cable for DSV:** (in lieu of standard cables -24VDC only)

**CLR Closed Loop Valve with Relief Vent:**

Provides pressure relief in a closed loop conveying system for line diameters of 1.5", 2", 2.5" & 3".



CLR Closed Loop Valve with Relief Vent