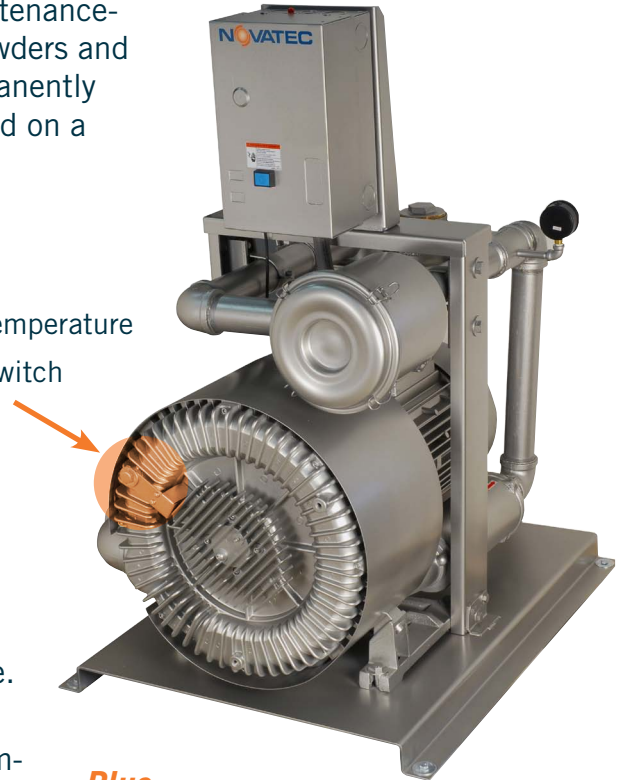


These quiet, low maintenance pumps provide powerful vacuum to convey free flowing pellets, powders and regrind.

VRB series vacuum pumps provide compact, quiet, maintenance-free vacuum conveying power for free flowing pellets, powders and regrind. Each VRB is shipped fully assembled, and permanently lubricated to deliver optimum vacuum and is consolidated on a compact frame.

- **No Maintenance Beyond Filter Cleaning**
No gear oil to change and tuned to deliver optimum vacuum.
- **End Mounted Bearings**
Reduce load and improve cooling.
- **Quiet Operation**
No soundproofing required, even on largest models.
- **Full Range Conveying**
Of pellets, regrind or powders.
- **Discharge Selection Valve Option**
Allows exhaust air to be recycled back to a closed-loop dry air system or discharged to atmosphere.
- **New! Temperature Switch - Standard**
Extends the life of the blower by monitoring blower temperature. When limit is exceeded, the temperature switch activates vacuum breaker cycle to cool the blower which is indicated by red LED on top of the control box.
- **Integral Vacuum Breaker Valve and Safety Filter**
These standard components provide trouble free operation and long pump life. Protects your investment by minimizing pump starts and internal dust contamination.

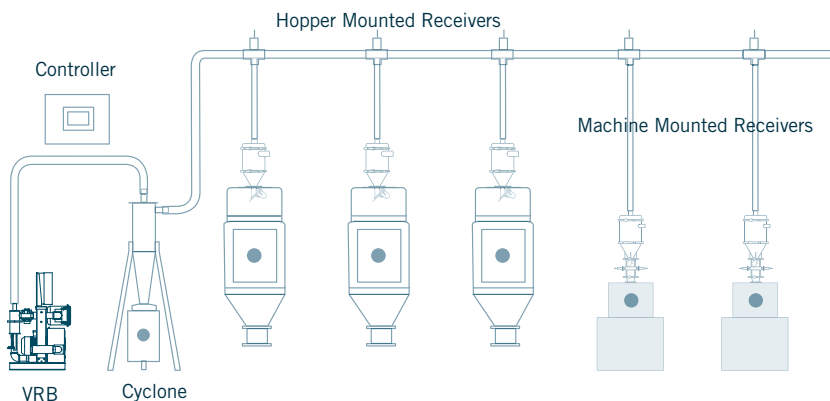
New! Temperature safety switch



Plus:

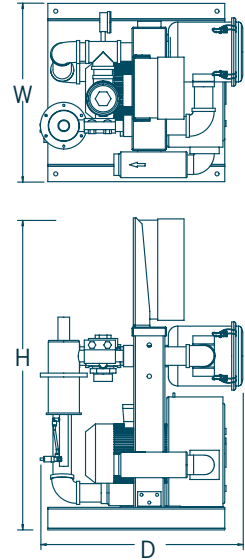
- Housing - Aluminum
- Impeller - Aluminum, dynamically balanced
- Direct drive impeller
- Quiet operation - below OSHA limits
- Inlet & outlet silencers included
- High temperature internal shaft seal and bearings
- Class H motor insulation with 1.15 service factor
- Performance tested ANSI/AMCA210-85
- Voltage: 460/3/60 standard or choose 208/230/3/60, 220/380/3/50 or 575/3/60
- 1-Year warranty

Application:



Specifications (Consult factory for elevations above 3000 feet)

Model	Stages	Pump Power	Inlet/Outlet & Line Size O.D.	Operating CFM	Operating/ Relief Vacuum		Width	Depth	Height	Shipping Weight
		Hp			60Hz/50Hz	60Hz,Hg(in.)				
VRB-3S	Single	3.5	1.5	55/55	6.5/7.5	4.5/6	24	26	40.5	140
VRB-5D	Dual	5.0	1.5	70/60	10/11	7/8.5	24	26.5	40.5	200
VRB-5S	Single	5.0	2.0	110/80	6.5/7.5	5.5/6	24	27.5	40.5	180
VRB-8D	Dual	8.5	2.0	125/115	11/12	8.5/10	28	35.5	46.5	250
VRB-11S	Single	11.5	2.5	200/140	9.5/10	7.5/8.5	28	34.5	46.5	400
VRB-17D	Dual	17.5	2.5	200	11/12	9.5/12	28	37	46.5	580



*Above models are equipped with magnetic starter. **For starter with disconnect package:** Add "-D" after standard model number i.e. VRB-3S-D

Basic Packages	VRB-3S	VRB-5D	VRB-5S	VRB-8D	VRB-11S	VRB-17D
Base Pump w/Starter (Power isolation switch, contactor + motor O.L. protection)	VRB-3S-46-24	VRB-5D-46-24	VRB-5S-46-24	VRB-8D-46-24	VRB-11S-46-24	VRB-17D-46-24
Alternate Package: (In lieu of base pump with starter shown above) See price list #323.						
Pump w/ Starter + Disconnect (Power isolation switch, contactor + motor O.L. & short circuit protection)	VRB-3S-46-24-D	VRB-5D-46-24-D	VRB-5S-46-24-D	VRB-8D-46-24-D	VRB-11S-46-24-D	VRB-17D-46-24-D

Options:

Alternate Voltage Part Numbers:
VRB-Model-XX-YY

Control Voltage Alternatives

- 24 = 24 VDC (Standard)
- 11 = 115/1/60 VAC (No charge)

Power Voltage Alternatives

- 46 = 460/3/60 (Standard)
- 57 = 575/3/60 (No charge)
- 40 = 400/3/50 (Power Disconnect Model Required)
- 20 = 200/3/50 (No charge)

Example: VRB-5D-57-11-D is 5 hp, positive displacement pump with 575/3/60 power & 110 VAC control voltage, with starter disconnect.

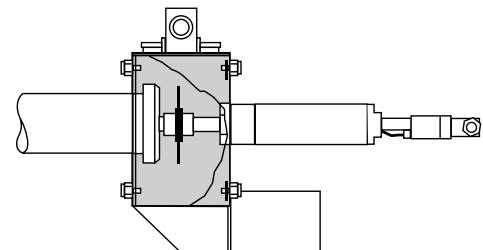
DeviceNet Cable(s) for Pumps: in lieu of standard cables (24VDC only) Part # DNET-PUMP

Accessories:

(Separate line item on order and shipped separately. See Price List #323)

DeviceNet Cable(s) for DSR: in lieu of standard cables (24VDC only) Part # DNET-DIN-SMC

Discharge Selection Valve with Relief for Dry Air Conveying:
(with connection stub to pump)



Discharge Selection Valve with Relief

For Line Diameter	DSR Part Number To Match 24VDC Control Voltage	DSR Part Number To match 115 /1/60 Control Voltage
1.5"	DSR-15-24	DSR-15-11
2"	DSR-20-24	DSR-20-11
2.5"	DSR-25-24	DSR-25-11