

RVP Series

Rotary Vane Pressure System



Features & Specifications

- Featuring Becker and Rietschle positive displacement compressor with cast iron casing and carbide vane impellers, steel shaft, direct drive
- Direct drive with motor coupling and guard
- Oilless airstream operation, oil and grease do not contact the airstream
- UL approved drive motor with permanently sealed ball bearings, coupling and guard, approved for Class I, Division I, Group D classified environment per NEC
- Pressure relief valve to protect blower from damage from high pressure conditions
- Paper inlet air filter with replaceable paper element for 99%+ removal of 2 micron & larger particles, easy filter access with butterfly nut
- Motor mounted on base plate or NEMA C-face flange
- Easy maintenance with re-greasable bearings and replaceable carbide vanes

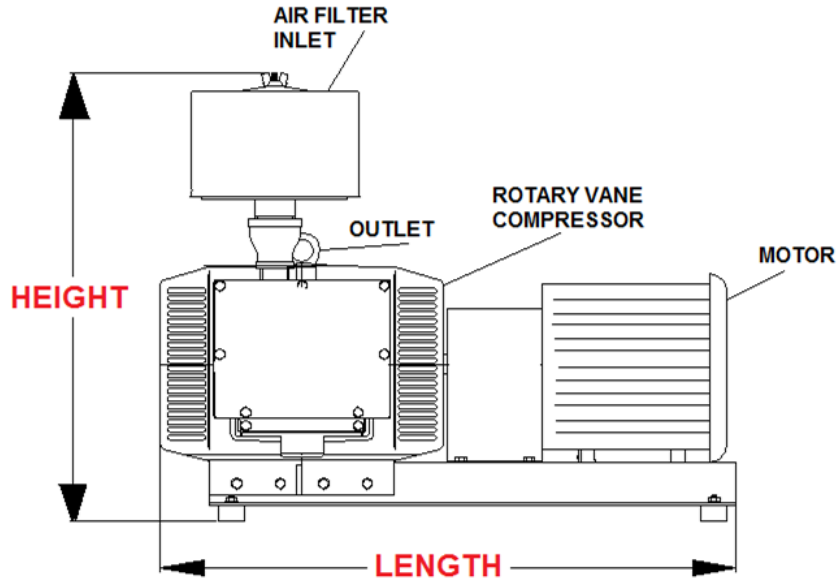


Applications

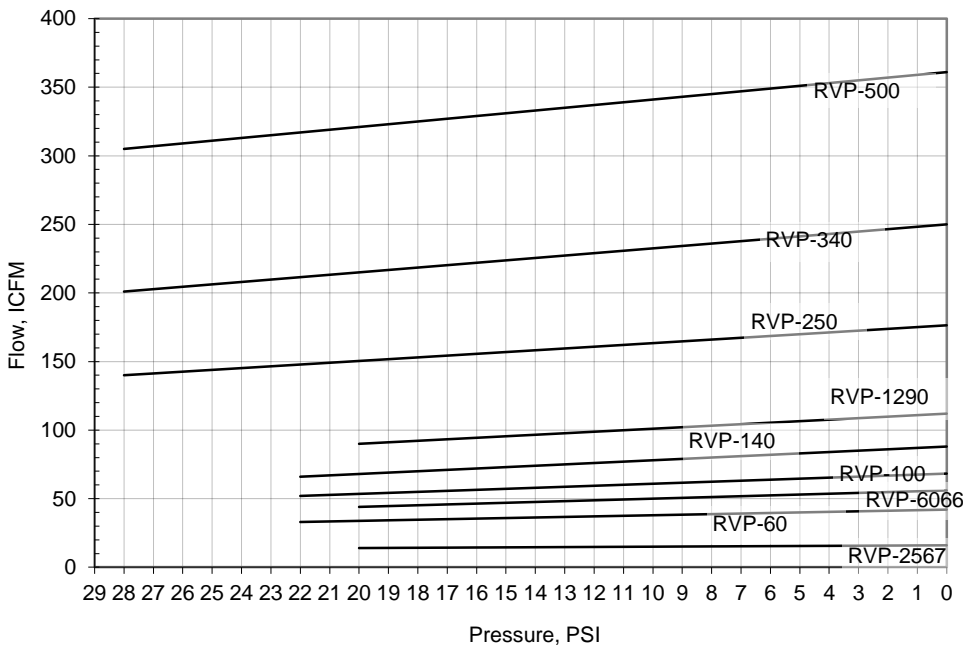
- Medium pressure bio-venting & air sparging
- Sewage/wastewater aeration
- Bio-reactor oxygenation
- Bio-pile venting
- Remediation Industry
- Pneumatic conveying

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Model Number	Height In.	Length In.	Width In.	Blower Inlet/Outlet connection In	Max. Motor HP	Available Voltage	Shipping Weight Lbs.	Max. Noise Level At 3 feet
RVP-2567	18"	26"	12"	3/4" FPT	2	230 VAC 1 phase (5hp max) 230/460 VAC 3phase	100	93 dBA
RVP-60	15"	34"	18"	1" FPT	5	230 VAC 1 phase (5hp max) 230/460 VAC 3phase	235	74 dBA
RVP-6066	28"	36"	24"	1" FPT	7.5	230 VAC 1 phase (5hp max) 230/460 VAC 3phase	235	94 dBA
RVP-100	15"	40"	18"	1 1/4" FPT	10	230/460 VAC 3phase	300	78 dBA
RVP-140	15"	45"	18"	1 1/4" FPT	15	230/460 VAC 3phase	425	80 dBA
RVP-1290	28"	56"	24"	1" FPT	15	230/460 VAC 3phase	485	97 dBA
RVP-250	30"	57"	24"	2" FPT	25	230/460 VAC 3phase	965	78 dBA
RVP-340	36"	60"	29"	3" FPT	40	230/460 VAC 3phase	1,425	83 dBA
RVP-500	36"	66"	30"	3" FPT	50	230/460 VAC 3phase	1,675	84 dBA



Compressor Performance Curves
Pressure at compressor discharge



Options

- Inlet Vacuum relief valve
- Air bleed valve with filter/silencer
- Variable frequency drive to control actual flow rate or pressure, manual or automated adjustment
- Air cooled after cooler to cool exhaust for various piping limits
- Sound enclosure with urethane sound insulation to reduce sound level 10-15 dBA at 3'
- Flow, pressure, level & temperature gages or transmitters
- Custom control panel to control blower, pump and other equipment if required