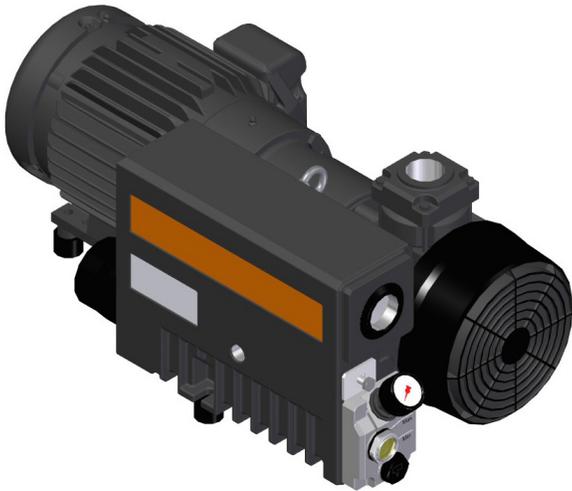


POWEREX™



| Industrial Vacuum Systems

Lubricated Rotary Vane Pump



Our industrial vacuum tank mount systems feature a lubricated rotary vane pump, one of the simplest and most reliable pump types available. The use of oil in the pump produces higher efficiencies, lower operating temperatures, and lower sound levels. These pumps are also the most suitable for high ambient temperatures, which makes them ideal for manufacturing or process applications where environmental temperatures tend to be higher. The lubricated rotary vane pumps have the lowest initial cost and high ultimate vacuum levels. By tank mounting the pumps on an ASME air receiver and adding a UL listed NEMA 1 control panel, Powerex has designed systems that are perfect for applications like material handling, packing, pharmaceutical, food processing, printing, environmental, gas generation, petrochemical, laboratories, instrumentation, chemical processing, and manufacturing.



Systems Specifications

IBVS – Simplex Systems				
Model	SCFM @ 19" Hg	SCFM @ 0" Hg	HP	Tank Size (gal)
IBVS015	7	18	1.5	30 V/60 V
IBVS020	11	28	2	60 V
IBVS030	17	45	3	80 V
IBVS040	25	71	5	80 H
IBVS050	37	103	5	80 H
IBVS075	52	141	7.5	120 H
IBVS100	77	212	10	120 H/200 H

IBVD – Duplex Systems				
Model	SCFM @ 19" Hg	SCFM @ 0" Hg	Total HP	Tank Size (gal)
IBVD015	14	36	3	80 H
IBVD020	22	56	4	80 H
IBVD030	34	90	6	80 H/120 H
IBVD040	50	142	10	120 H
IBVD050	74	206	10	120 H/200 H
IBVD075	104	282	15	200 H
IBVD100	154	424	20	200 H/240 H

Standard Features

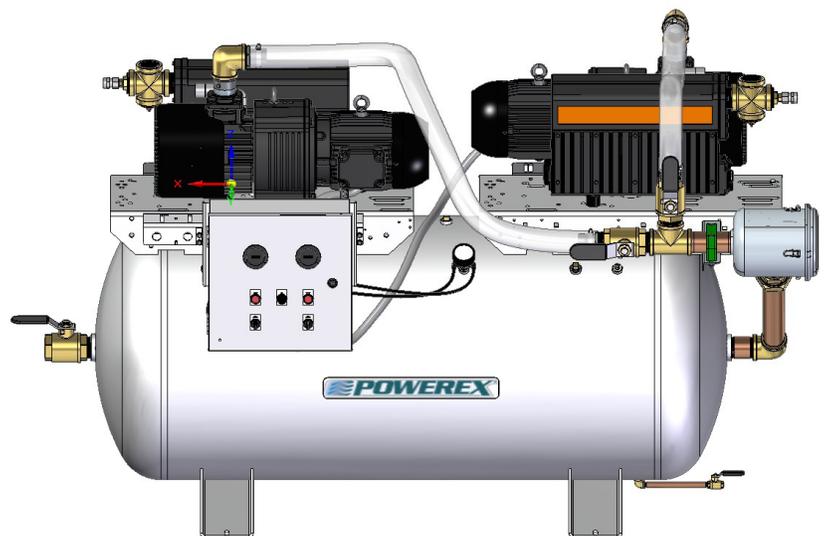
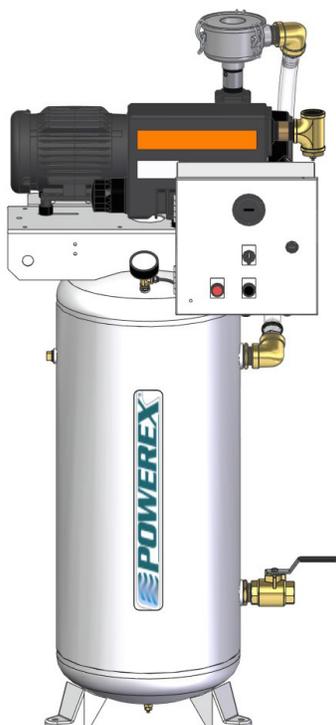
- UL508A control panel
- High temperature alarm
- Drip leg
- ASME receiver

Optional Add-ons

- NEMA 4 control panel
- Autopurge with NEMA 4 panel
- Lined tank
- Exhaust flex hose (accessory)
- Vacuum regulator
- Carbon filters

Key Benefits

- 29.3" Hg end vacuum
- Integrated coalescing filter
- Low annual maintenance cost
- Easy installation
- Low operating temperatures





POWEREX™

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SL5995-BR-00 • 20 October 2020



**Designed &
Manufactured
in the USA**

with U.S. and Imported Components