

 **POWEREX<sup>®</sup>**



**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 to high ambient temperatures, which makes them ideal for manufacturing or process applications where environmental temperatures tend to be higher. (Consult factory for applications where ambient temperatures are above 104°F.) These pumps also have the lowest initial cost and high ultimate vacuum levels (29.3 Hg in end vacuum). 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 manufacturing processes like material handling, packing, food processing, and printing.

### KEY BENEFITS

- 29.3" Hg End Vacuum
- Integrated Coalescing Filter
- High Temp Alarm Standard
- ASME Air Receivers
- UL-listed NEMA 1 Control Panel
- Low annual maintenance cost
- Easy installation
- Low operating temperatures

### APPLICATIONS

- Food processing
- Environmental
- Gas generation
- Pharmaceutical
- Petrochemical
- Laboratories
- Instrumentation
- Chemical processing
- Manufacturing

### OPTIONS FOR ALL MODELS

- Premium warranty
- Vacuum regulator
- Carbon filters
- Lined tanks
- NEMA 4 Panels
- Auto purge
- Vacuum connection flex hoses



## SYSTEMS SPECIFICATIONS

IVS – Simplex Systems			
Model	SCFM @ 19" Hg	HP	Tank (gal.)
IVS015	6.3	1.5	30 V/60 V
IVS020	12.4	2	60 V
IVS030	18.6	3	80 V
IVS040	27.5	5	80 H
IVS050	37.3	5	80 H
IVS075	49	7.5	120 H
IVS100	70	10	120 H/200 H

IVD – Duplex Systems			
Model	SCFM @ 19" Hg	HP	Tank (gal.)
IVD015	12.6	1.5 (2)	80 H
IVD020	24.8	2 (2)	80 H
IVD030	37.2	3 (2)	80 H/120 H
IVD040	55	5 (2)	120 H
IVD050	74.6	5 (2)	120 H/200 H
IVD075	98	7.5 (2)	200 H
IVD100	140	10 (2)	200 H/240 H

### STANDARD FEATURES

- UL508A Control Panel
- High Temp Alarm
- Drip Leg
- ASME Receiver
- NEMA 1 Control Panel

### OPTIONS

- NEMA 4 Control Panel
- Autopurge with NEMA 4 Panel
- Lined Tanks
- Exhaust Flex Houses (Accessory)



*For more information contact your local Powerex distributor or Powerex sales representative today*



**The leader in industrial vacuum systems**



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Powerex is a proud manufacturer of ISO8573-1:2010 “Class Zero” Oil-free compressed air and vacuum systems. By utilizing our oil-less scroll and oil-free rotary tooth technology, Powerex becomes your premiere source for critical air applications such as food and beverage, medical gas, laboratory, and critical-process industrial applications. We are an ISO 9001:2008 manufacturing facility that is able to provide complete air systems including tanks, UL508A control panels, and dryers. Contact Powerex today to match you with the right compressor for your application.