

# Rotary Vane Laboratory Vacuum Pumps



## **DuraVane Oil-Less Rotary Vane Vacuum Pumps and Systems**

DuraVane oil-less rotary vane pumps are single-stage air-cooled pumps with no internal lubrication. The construction is heavy-duty and compact, resulting in a small footprint. The high-tech vane material provides extended vane life. Pumps are direct driven with flange-mounted motor.

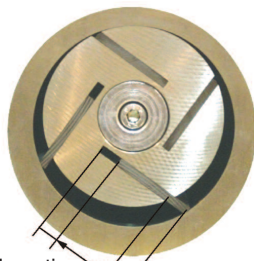
Pumps can operate with closed suction without overheating.

### FEATURES

- Fewer vanes than other oil-free rotary vane vacuum pumps
- High-tech, self-lubricating, long-life graphite composite vane material
- Longer vane life and less vane replacement, lower maintenance cost
- Built-in inlet filter for models of 1 hp and higher
- Heavy-duty construction
- Direct drive
- Low noise level
- Air-cooled design
- Compact design

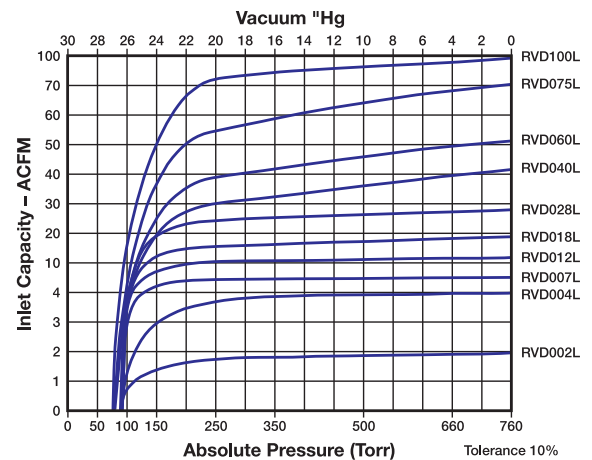
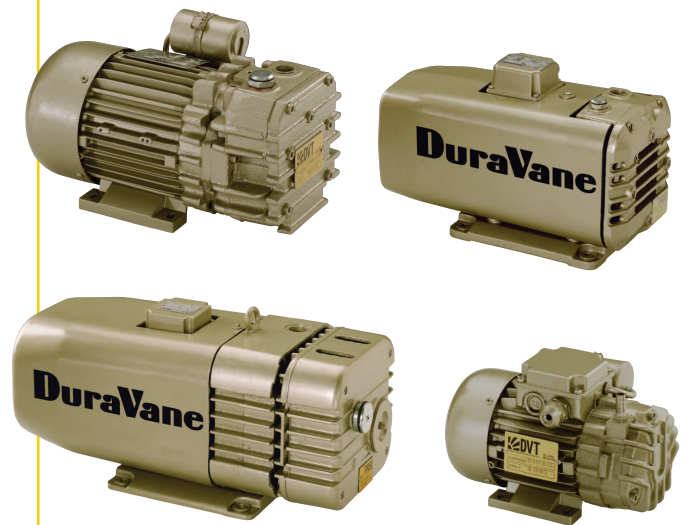
### SPECIFICATIONS

Model	Displacement (CFM)	Final Pressure (Torr)	Motor 60 Hz (HP)	Pump Speed (RPM)	Noise (at 3 ft.) (dBA)	Weight (Lbs.)
RVD002L	2	90	0.25	3400	62	12
RVD004L	4.2	90	0.4	3400	62	19
RVD007L	7	90	0.6	1800	65	29
RVD012L	11	90	1	1800	65	58
RVD018L	18	90	1.3	1800	68	60
RVD028L	28	90	2	1800	72	105
RVD070L	70	120	5	1800	75	215



75% Vane Insertion  
(50% more than other pumps)

**Longer vane life – 10,000 hours!**



**Performance Curves**  
**DuraVane Oil-free (Dry) Rotary Vane Pumps**

Based on 29.92" Hg barometric pressure, inlet temperature 70°.

**CALL GEOTECH TODAY (800) 833-7958**

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