

Rotary Vane Laboratory Vacuum Pumps



DuraVane Lubricated Rotary Vane Vacuum Pumps and Systems

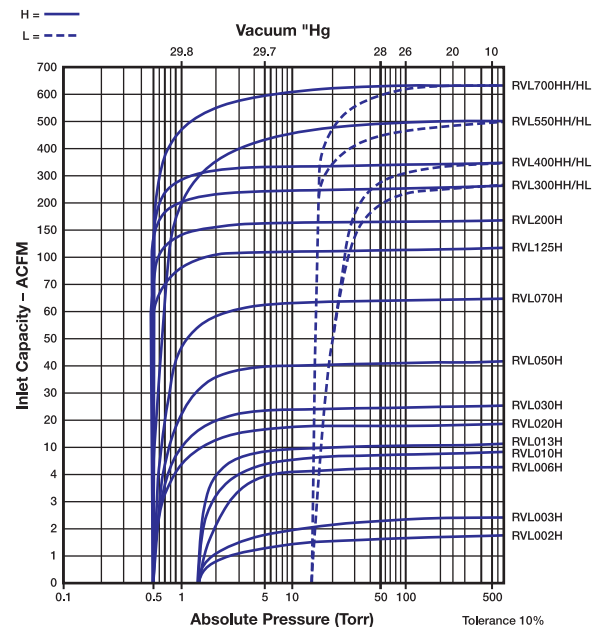
DuraVane lubricated rotary vane vacuum pumps are single-stage pumps with an integrated oil-recirculation system, used in a variety of applications such as vacuum packing, biotech, laboratories, and miscellaneous applications for the environmental industry. DuraVane lubricated rotary vane vacuum pumps for saturated air (wet) service are specifically developed for applications with high inlet water vapor content such as stone and glass cutting.

FEATURES

- Heavy-duty construction
- Compact design, small footprint
- High-tech vane material provides long vane life
- Gas ballast valve is standard
- Low noise level
- Low maintenance
- Air-cooled design is standard
- Internally mounted check valve
- High efficiency multi-stage exhaust filter removes 99.9% of exhaust smoke
- Direct drive with flange-mounted motor
- Simple to install

SPECIFICATIONS

| Model | Displacement (CFM) | Final Pressure (Torr) | Motor 60 Hz (HP) | Speed (RPM) | Noise (at 3 ft.) (dBA) | Weight (Lbs.) |
|--|--------------------|-----------------------|------------------|-------------|------------------------|---------------|
| RVL002H | 2 | 1.5 | 0.2 | 3400 | 60 | 12 |
| RVL003H | 2.6 | 1.5 | 0.2 | 3400 | 60 | 12 |
| RVL006H | 5.6 | 1.5 | 0.4 | 3400 | 60 | 22 |
| RVL010H | 8.5 | 1.5 | 0.75 | 3400 | 62 | 35 |
| RVL013H | 12.7 | 1.5 | 1.25 | 3400 | 83 | 48 |
| RVL020H | 19 | 0.5 | 1.25 | 1800 | 65 | 55 |
| RVL030H | 28 | 0.5 | 2 | 1800 | 67 | 96 |
| RVL050H | 45 | 0.5 | 3 | 1800 | 69 | 115 |
| RVL070H | 70 | 0.5 | 4 | 1800 | 72 | 155 |
| RVL125H | 127 | 0.5 | 7.5 | 1800 | 74 | 340 |
| RVL200H | 180 | 0.5 | 10 | 1800 | 76 | 370 |
| RVL300HH | 280 | 0.5 | 15 | 1800 | 80 | 740 |
| RVL300LH | 280 | 15 | 15 | 1800 | 80 | 740 |
| RVL400HH | 375 | 0.5 | 20 | 1800 | 80 | 790 |
| RVL400LH | 375 | 15 | 20 | 1800 | 80 | 790 |
| RVL550HH | 540 | 0.5 | 30 | 1200 | 81 | 1750 |
| RVL550LH | 540 | 15 | 30 | 1200 | 81 | 1750 |
| RVL700HH | 710 | 0.5 | 40 | 1200 | 81 | 2100 |
| RVL700LH | 710 | 15 | 40 | 1200 | 81 | 2100 |
| Lubricated pumps for saturated air (wet) service | | | | | | |
| RVL020W | 19 | 1.5 | 1.5 | 1800 | 65 | 56 |
| RVL030W | 28 | 1.5 | 2 | 1800 | 67 | 112 |
| RVL050W | 45 | 1.5 | 3 | 1800 | 69 | 118 |
| RVL070W | 70 | 1.5 | 4 | 1800 | 72 | 170 |



Performance Curves
DuraVane Lubricated Rotary Vane Pumps

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

CALL GEOTECH TODAY (800) 833-7958

Geotech Environmental Equipment, Inc.

2650 East 40th Avenue • Denver, Colorado 80205

(303) 320-4764 • (800) 833-7958 • FAX (303) 322-7242

email: sales@geotechenv.com website: www.geotechenv.com