

Rotary Vane Vacuum Pumps R-8D



Oil-sealed Rotary Vane vacuum pumps are widely used traditional vacuum pumps in research and production, can be used independently, as well as working as backing pumps for molecular pumps or diffusion pumps. Wiggins' direct driven rotary vane pumps are available as one and two-stage versions, cover the range from desktop lab pumps to production line pumps, with low noise and stable working temperature for common voltages and frequencies, long lifespan, and outstanding reliability for chemical applications. Various application areas may include vacuum distillation, vacuum filtration, vacuum inspection, vacuum freeze drying, vacuum coating, vacuum leak detection, vacuum packaging, vacuum adsorption, etc.

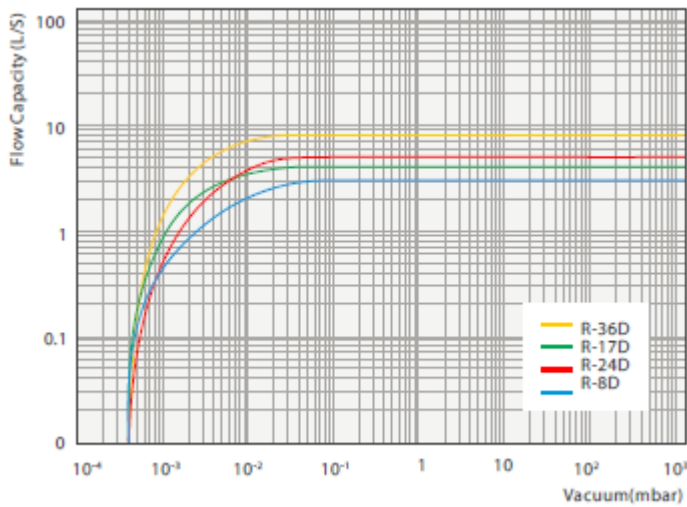
Features

- > Compact structure
- > Very good sealing
- > No returning throughput
- > Oil-spout prevention
- > Low noise
- > Oil-observation window
- > Handle for easy transportation
- > High flow rate
- > Low and stable ultimate vacuum
- > High evaporation resistance
- > Comparatively high chemical resistance
- > High longevity
- > Low maintenance rate
- > Low oil mist
- > Gas ballast valve
- > Overcurrent protection
- > Fulfills IP54 standards

Application Areas

- > Vacuum distillation
- > Vacuum filtration
- > Vacuum testing
- > Vacuum freeze drying
- > Vacuum plating
- > Leak detection
- > Vacuum packaging
- > Vacuum sorption
- > As a backing pump for turbo-molecular pumps or diffusion pumps

Pumping rate curve



Note: Above data is based on the 220V/50Hz instrument

Specifications

Model series	R-8D
Number of Stages	Double
Flow Rate (L/min)	180
Ultimate Vacuum (mbar)	4×10^{-4}
Power (W)	550
Motor rotation (RPM)	1400
Noise Level (dB)	< 54
Oil Capacity (L)	1.1
IP Code	IP44
Weight (kg)	29
Inlet and Outlet Specification	DN25KF
Order No.	900111-22

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