



P...Z Series Two-Stage Rotary Vane Pumps

- High Water Vapor Tolerance
- Designed For Permanent Operation
- Exceptionally Quiet Running



Two-Stage Rotary Vane Pumps

Flexible usage and high vacuum ranges

Fully reliable rotary vane pumps

The two-stages rotary vane pumps of the P - Z series from ILMVAC are characterized by their high water vapor tolerance and reliability. ILMVAC Rotary Vane Pumps are designed to withstand large amounts of water vapor in the vacuum pump's inlet vapor stream. This "water vapor tolerance" is the maximum inlet pressure point at which the pump is able to operate with pure water / fluids and at the same time prevents them of condensing inside the pump.

Due to their low weight, high pumping speed and compact housing construction for wipe cleaning these pumps are ideal suited for the use in laboratories for application within rough and fine vacuum ranges from 1 to 10⁻³ mbar.

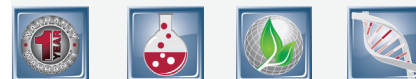
Control functions for optimized monitoring

To prevent accidental damage to the pumps the oil control glass is integrated into the housing, this way the oil stand as well as the oil color can be checked on a regular basis. With a comprehensive range of accessories these pumps are applicable to a wide application range e.g. vacuum drying, freeze drying and vacuum concentration.

Applications:

- Vacuum Drying
- Freeze Drying
- Vacuum Concentration
- Industrial Applications
- Engineering Processes
- Multi-User Vacuum Networks
- Schlenkline Processes
- Vacuum Chamber Evacuation

Certification: CE Marked







Technical Features/Ordering Information :

Two-Stage Rotary Vane Pump Model	Pumping Speed m ³ /h	Ultimate pressure DIN 28426 without gas ballast	Tubing Needed mm	Dimensions W/D/H mm	Weight kg	CAT. No.
P 4 Z 220-240 V, 50/60 Hz, 1 P _H	4.6	2 x 10 ⁻³	DN 16 KF	415/150/235	20.0	322002
P 6 Z 220-240 V, 50/60 Hz, 1 P _H	5.8	2 x 10 ⁻³	DN 16 KF	430/150/235	21.5	322003
P 8 Z 220-240 V, 50/60 Hz, 1 P _H	7.2	2 x 10 ⁻³	DN 25 KF	445/150/235	23.5	322004
P 12 Z 220-240 V, 50/60 Hz, 1 P _H	11.0	2 x 10 ⁻³	DN 25 KF	540/170/260	37.0	322005
P 17 Z 220-240 V, 50/60 Hz, 1 P _H	16.0	2 x 10 ⁻³	DN 25 KF	540/170/260	39.0	322006
P 23 Z 220-240 V, 50/60 Hz, 1 P _H	21.0	2 x 10 ⁻³	DN 25 KF	540/170/260	40.0	322007

Scope of Delivery: Every pump is supplied complete with anti-suction back valve, gas ballast valve, vacuum pump oil (Labovac 10), centering ring, clamping ring and motor overload protection, Schuko, UK and US plug leads.

Accessories:

			
Freeze Dryer Adapter Kit CAT. No. 330031	Freeze Dryer Compact Kit P 6 Z, Oil CAT. No. 330036	Vacuum Measurement Kit CAT. No. 330051	Oil Change Set CAT. No. 340003