

ZEROVAC VP250N / 270N / 290N / 2200N

Two-Stage Oil-Lubricated Rotary Vane Mini Vacuum Pumps



VP250N • VP270N • VP290N • VP2200N

■ TWO-STAGE DESIGN

- Oil-lubricated rotary vane, two-stage design
- Direct-drive, air-cooled construction
- Designed for deep-vacuum applications

■ HIGH VACUUM PERFORMANCE

- Ultimate pressure of 0.2 Pa / 15 microns
- Performance data at 50 / 60 Hz
- Stable and reliable vacuum performance

■ PUMPING SPEED AND CONNECTIONS

- Broad model range covering 4.5-12 CFM
- 1/4 in and 3/8 in SAE inlet connections
- 220-240 V / 50-60 Hz power supply

Applications

- Refrigeration and air-conditioning systems
- Maintenance, installation, and commissioning
- Vacuum packaging systems
- Vacuum chambers and closed vessels
- Laboratory and research applications
- Leak and vacuum testing systems
- Resin and silicone degassing
- Composite manufacturing and mold preparation
- Industrial deep-vacuum processes

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Model Selection

50 / 60 Hz



VP250N

4.5 / 5.0 CFM • 8.6 kg

VP270N

6.0 / 7.0 CFM • 12.5 kg

VP290N

8.0 / 9.0 CFM • 15.5 kg

VP2200N

10 / 12 CFM • 16.0 kg

Technical Data

50 / 60 Hz

Specification	ZEROVAC VP250N	ZEROVAC VP270N	ZEROVAC VP290N	ZEROVAC VP2200N
Pump Type	Two-stage oil-lubricated rotary vane	Two-stage oil-lubricated rotary vane	Two-stage oil-lubricated rotary vane	Two-stage oil-lubricated rotary vane
Pumping Speed - 50 Hz	4.5 CFM / 128 L/min 7.7 m³/h	6.0 CFM / 170 L/min 10.2 m³/h	8.0 CFM / 227 L/min 13.6 m³/h	10 CFM / 283 L/min 17.0 m³/h
Pumping Speed - 60 Hz	5.0 CFM / 142 L/min 8.5 m³/h	7.0 CFM / 198 L/min 11.9 m³/h	9.0 CFM / 255 L/min 15.3 m³/h	12 CFM / 340 L/min 20.4 m³/h
Ultimate Pressure	0.2 Pa / 15 microns	0.2 Pa / 15 microns	0.2 Pa / 15 microns	0.2 Pa / 15 microns
Motor Power	1/2 HP	3/4 HP	1 HP	1 HP
Voltage / Frequency	220-240 V / 50-60 Hz	220-240 V / 50-60 Hz	220-240 V / 50-60 Hz	220-240 V / 50-60 Hz
Inlet Connection	1/4 in + 3/8 in SAE	1/4 in + 3/8 in SAE	1/4 in + 3/8 in SAE	1/4 in + 3/8 in SAE
Oil Capacity	350 ml	450 ml	630 ml	630 ml
Dimensions (L×W×H)	320×125×232 mm	340×132×245 mm	390×145×252 mm	390×145×252 mm
Weight	8.6 kg	12.5 kg	15.5 kg	16.0 kg

Note: The stated pumping speeds correspond to the specified supply frequency; actual performance may vary depending on operating conditions.



FOR MORE INFORMATION

Contact our sales team for technical support, product selection, or a tailored quotation.

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