

DWGM-45L

Corrosion Resistant Diaphragm Vacuum Pump

Description

The DWGM-45L variable frequency diaphragm vacuum pump is a high-corrosion-resistant, four-stage pump chamber diaphragm vacuum pump with adjustable speed, suitable for use with rotary evaporators, vacuum concentrators, filtration systems, and other equipment.

The DWGM-45L frequency-controlled Corrosion Resistant Diaphragm Vacuum Pump uses a frequency-controlled DC motor to drive a four-stage anti-corrosion diaphragm for reciprocating motion. Equipped with a single-directional valve made of perfluoroether material, it achieves excellent corrosion resistance and a maximum vacuum level of 2 mbar. With its highly integrated design, the pump occupies less than 6 square decimeters, significantly improving space utilization efficiency.

Features

- All adopt international advanced brand of imported bearings, stable operation, small vibration, low noise < 50 decibels.
- With overheat protection function, it can run at full load for 24 hours, with low temperature rise and large torque.
- High vacuum precision design and manufacturing greatly improve the efficiency of laboratory work.



Specifications

Model	DWGM-45L
Speed of air extraction	45L/min
Ultimate vacuum	2mbar
Noise at low pressure	50 dB
Vacuum chamber	Class 4
Input pressure	2-1030 mbar
Range of velocities	285-1200 rpm
Material	The air chamber and air path are all made of polytetrafluoroethylene (PTFE) material, which has strong chemical corrosion resistance and organic solvent resistance.
Instrument size	150*375*370mm
Weight	10kg