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VACUUM PUMP AZA1062

The AZA1062 Vacuum Pump from AZALAB is a high-performance vacuum generation system designed to deliver stable, efficient, and reliable suction across a wide range of laboratory, industrial, HVAC, medical, and pharmaceutical applications.

Engineered for precision, durability, and operational flexibility, the AZA1062 series supports critical processes such as filtration, distillation, drying, degassing, evacuation, and vacuum packaging. With multiple configurations available, it ensures optimal performance for both clean laboratory environments and demanding industrial operations.

KEY FEATURES

Stable Vacuum Performance

- Delivers consistent and reliable vacuum levels for precision processes.

Flexible Design Options

- Available in oil-free and oil-lubricated variants to suit diverse application needs.

Chemical Resistance

- Selected models include PTFE and corrosion-resistant components for handling chemical vapors.





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Low Noise Operation

- Engineered for quiet performance (≤ 60 dB), suitable for laboratory environments.

Integrated Safety Systems

- Thermal overload protection
- Motor safety cut-off
- Sealed and protected internal components

Compact & Portable Construction

- Space-efficient design with easy handling and installation.

Available Configurations

Oil-Free Diaphragm Vacuum Pump

- Ideal for clean laboratory applications
- Maintenance-free operation
- Eliminates risk of oil contamination
- Suitable for filtration, evaporation, and aqueous processes

Rotary Vane Vacuum Pump

- Designed for deep vacuum applications
- High suction efficiency and continuous-duty capability
- Suitable for distillation, vacuum drying, rotary evaporators, and vacuum ovens

Water Aspirator (Jet) Vacuum Pump

- Economical solution for basic vacuum needs
- Operates using water flow
- Suitable for academic and general laboratory use



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TECHNICAL SPECIFICATIONS

Parameter	Specification
Model	AZA1062
Pump Type	Diaphragm / Rotary Vane / Water Jet
Flow Rate	10 – 100 L/min (model dependent)
Ultimate Vacuum	Up to 0.01 mbar (Rotary Vane) / ~100 mbar (Diaphragm)
Motor Power	1/10 HP to 1 HP
Construction Material	Aluminium / Stainless Steel / PTFE (model dependent)
Oil Requirement	Oil-free or Oil-lubricated
Noise Level	≤ 60 dB
Power Supply	220 V AC, 50 Hz
Port Size	6 mm – 10 mm hose barb
Safety Features	Thermal protection, overload cut-off
Accessories Supplied	Vacuum hose, oil (if applicable), instruction manual