

PRODUCT TECHNICAL BRIEF

CBVAC JZB-160/500 Direct-Atmosphere High-Vacuum Dry Pump

CBVAC JZB-160/500 Direct-Atmosphere High-Vacuum Dry Pump - LeakLab solutions for leak testing, vacuum systems and test equipment.

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Technical Data

PARAMETER	PUBLISHED VALUE / INFORMATION
Pumping-speed class	500 m ³ /h
Ultimate-pressure class stated in the source record	Approximately 1×10^{-4} Pa
Supported catalog model / inlet	JZB-160/500 / LF160
Exhaust	KF25 in the source record
Cooling	Water, ≥ 2 L/min, 15-35 °C, 0.2-0.7 MPa in the source record
Power	Three-phase 200-240 V AC; 380 V versions listed
Nominal / maximum power stated in source record	Approximately 1.6 / 3 kW
Nominal / standby rotor speed stated in source record	Approximately 18,000 / 6,000 rpm
Mounting / weight	Vertical / approximately 47 kg

Technical and Project Information

High-throughput integrated dry pump for evacuation from atmospheric pressure to high vacuum without a separate backing pump. The supported CBVAC inventory model is JZB-160/500, rated in the 500 m³/h class with an LF160 inlet.

The JZB-160/500 combines dry pumping stages in a single unit for load locks, coating equipment and other clean vacuum processes. It can evacuate directly from atmospheric inlet pressure.

The legacy source page called the product JZB-63/500, while the supported CBVAC inventory and comparison table identify the 500 m³/h model as JZB-160/500. This page uses the supported designation and does not invent a DN63 version.

Confirm current ultimate-pressure test conditions, L/LE suffix, voltage, purge, controller interface, cooling and permitted gases from the manufacturer datasheet before selection.

- Vacuum Pumps Atmosphere-to-High-Vacuum Dry Pumps JZB Atmosphere-to-High-Vacuum Pumps High-Vacuum Pumping Stations Ion Pumps KYKY RV Rotary-Vane Pumps Roots Booster Pumps Screw Vacuum Pumps Tank Evacuation Systems Turbomolecular Pumps
- Atmosphere-to-High-Vacuum Dry Pumps JZB Atmosphere-to-High-Vacuum Pumps
- JZB Atmosphere-to-High-Vacuum Pumps
- High-Vacuum Pumping Stations
- KYKY RV Rotary-Vane Pumps
- Roots Booster Pumps
- Screw Vacuum Pumps
- Tank Evacuation Systems
- Turbomolecular Pumps
- Helium Reference Leaks
- Scanning Electron Microscopes
- Leak-Detector Accessories

WORLDWIDE PROJECT CONTACT

Send the test object or system, operating conditions, target sensitivity or pressure range, applicable standard, destination country, quantity and schedule. LeakLab will review the project scope.

mail@leaklab.org

Regarding: CBVAC JZB-160/500 Direct-Atmosphere High-Vacuum Dry Pump

Specifications, standards, verification scope, availability and commercial terms must be confirmed for the exact configuration and destination jurisdiction before order or project acceptance.