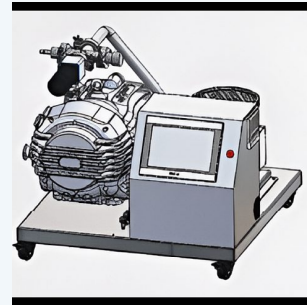


PRODUCT TECHNICAL BRIEF

CBVAC JFJ-401 High-Vacuum Pumping Unit

CBVAC JFJ-401 High-Vacuum Pumping Unit - LeakLab solutions for leak testing, vacuum systems and test equipment.

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Technical Data

PARAMETER	PUBLISHED VALUE / INFORMATION
High-vacuum pump	CBVAC JFB-160/401
Pumping speed	400 L/s nitrogen; 320 L/s helium
Ultimate pressure of turbopump stage	$\leq 5 \times 10^{-7}$ Pa CF; $\leq 5 \times 10^{-6}$ Pa LF/ISO-K under stated conditions
Main inlet / foreline	DN160 LF/ISO-K or CF160 / KF40
Recommended backing-pump speed	3-8 L/s
Turbopump control	Integrated 48 V DC or external 220 V AC controller; RS-485 Modbus RTU and logic I/O
Cooling	Air or water
Approximate unit weight	36-47 kg in current JFJ-251/301/401 inventory, configuration-dependent

Technical and Project Information

Configurable DN160 high-vacuum unit based on the JFB-160/401 turbomolecular pump. The supported technical pumping speed is 400 L/s for nitrogen and 320 L/s for helium.

The JFJ-401 uses the JFB-160/401 turbomolecular pump for systems that benefit from a DN160 high-conductance inlet. Backing and station auxiliaries are configuration-dependent.

The former Russian preview stated more than 460 L/s, but the supported JFB-160/401 specification is 400 L/s for nitrogen. Confirm all unit auxiliaries and the current guaranteed station performance.

- Vacuum Pumps Atmosphere-to-High-Vacuum Dry Pumps High-Vacuum Pumping Stations CBVAC JFJ High-Vacuum Pumping Stations KYKY 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

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- 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 JFJ-401 High-Vacuum Pumping Unit

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