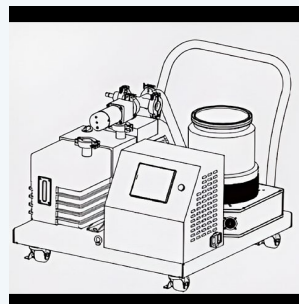


PRODUCT TECHNICAL BRIEF

CBVAC JFJ-701 High-Vacuum Pumping Unit

CBVAC JFJ-701 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-160/701
Pumping speed	650 L/s nitrogen; 550 L/s helium
Ultimate pressure of turbopump stage	$<5 \times 10^{-7}$ Pa CF; $<5 \times 10^{-6}$ Pa LF/ISO-K
Main inlet	DN160 LF/ISO-K or CF160
Recommended backing-pump speed	4-10 L/s
Turbopump controller	JFB-III or JFB-III-B, 220 V AC; RS-485 and logic I/O
Cooling	Air or water; source water value ≥ 1.5 L/min at 15-30 °C
Approximate unit weight	70-100 kg in current JFJ-701/1401 inventory, configuration-dependent

Technical and Project Information

Configurable high-throughput pumping unit based on the JFB-160/701 turbomolecular pump. The detailed source specification gives 650 L/s for nitrogen and 550 L/s for helium.

The JFJ-701 is a DN160 pumping unit for medium-size research and process chambers. It combines a JFB-160/701 high-vacuum stage with a selected backing pump, valves, measurement and control equipment.

The 701 designation is a product class; the detailed source table states 650 L/s for nitrogen. Confirm backing pump, flange, gauge, valve, controller and cooling by unit ordering code.

- 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-701 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.