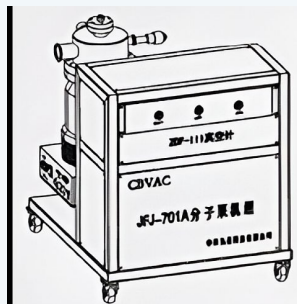


PRODUCT TECHNICAL BRIEF

CBVAC JFJ-2201 High-Vacuum Pumping Unit

CBVAC JFJ-2201 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-250/2201
Pumping speed	2,050 L/s nitrogen; 1,800 L/s helium
Ultimate pressure of turbopump stage	$<5 \times 10^{-7}$ Pa CF; $<5 \times 10^{-6}$ Pa LF/ISO-K
Main inlet / foreline	DN250 LF/ISO-K or CF250 / DN40 ISO-KF
Recommended backing-pump speed	16-24 L/s
Turbopump supply / maximum power	220 V AC $\pm 10\%$, 50/60 Hz / up to 1,000 W
Cooling	Air or water; source water value ≥ 1.5 L/min at 15-25 °C
Approximate unit weight	115-145 kg for current JFJ-701A/1401A/2201A inventory, configuration-dependent

Technical and Project Information

Large configurable pumping unit based on the JFB-250/2201 turbomolecular pump. The detailed source specification gives 2,050 L/s for nitrogen, with DN250 LF/ISO-K or CF inlet versions.

The JFJ-2201 is a high-throughput DN250 pumping unit for large process and research chambers. Backing, valves, gauge, frame and control package must be selected for the required gas load and cycle.

The 2201 designation is a product class; the detailed source table states 2,050 L/s for nitrogen. Confirm exact unit suffix, backing pump, flange, control package, frame, lifting points and cooling.

Use engineered supports, guarded lifting and interlocked backing, cooling, pressure, speed and vent sequences.

- 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

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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-2201 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.