

PRODUCT TECHNICAL BRIEF

CBVAC SSH1220H Dry Vacuum Pump System, 1,200 m³/h

CBVAC SSH1220H Dry Vacuum Pump System, 1,200 m³/h - LeakLab solutions for leak testing, vacuum systems and test equipment.

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Technical Data

PARAMETER	PUBLISHED VALUE / INFORMATION
Nominal pumping speed	1,200 m ³ /h (20,000 L/min)
Stated ultimate pressure	0.5 Pa
Electrical supply	Three-phase 380/220 V, 50/60 Hz
Installed drive power	3.9 + 5.5 kW
Stated operating power	Approximately 0.5 + 2.5 kW at the specified condition
Inlet / exhaust	VG100 / KF40
Cooling water stated in source record	4-8 L/min, 0-25 °C, 3-5 kgf/cm ² ; Rc 3/8-inch connection
Nitrogen purge stated in source record	0.1-0.2 MPa; 12-100 L/min; 1/4-inch tube connection
Control	RS-485 and remote I/O
Noise	≤75 dB(A)
Dimensions / weight	Approximately 930 × 400 × 800 mm / 350 kg
Source ordering reference	4.5.A5007; confirm current part number

Technical and Project Information

Water-cooled dry vacuum pump system with a nominal pumping speed of 1,200 m³/h and a stated ultimate pressure of 0.5 Pa. The SSH1220H provides nitrogen purge capability, RS-485 communication and remote I/O for high-throughput process vacuum.

CBVAC SSH1220H Dry Vacuum Pump System

The SSH1220H is a high-throughput dry pumping system with two controlled drive stages, water cooling and nitrogen purge. It is intended for engineered industrial installations rather than stand-alone use without utilities and controls.

Confirm gas load, duty cycle, pumping curve, purge and seal-gas configuration, cooling, power, exhaust treatment and control interface. System performance at the chamber depends on line conductance and process conditions.

Interlock cooling flow, exhaust pressure, drive temperature and purge where required. Hazardous gases require compatible materials and approved abatement.

- Vacuum Pumps Atmosphere-to-High-Vacuum Dry 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
- 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 SSH1220H Dry Vacuum Pump System, 1,200 m³/h

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