

PRODUCT TECHNICAL BRIEF

CBVAC SSH610H Dry Vacuum Pump System, 600 m³/h

CBVAC SSH610H Dry Vacuum Pump System, 600 m³/h
- LeakLab solutions for leak testing, vacuum systems and test equipment.

[Open the current source page](#)



Technical Data

PARAMETER	PUBLISHED VALUE / INFORMATION
Nominal pumping speed	600 m ³ /h (10,000 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 in the source configuration
Stated operating power	Approximately 0.4 + 2.3 kW at the specified condition
Inlet / exhaust	VG80 / 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 system stated in source record	0.1-0.2 MPa; dilution flow 12-100 L/min; seal-gas flow 0-12 L/min
Control	RS-485 Modbus RTU and remote I/O
Noise	≤75 dB(A)
Dimensions / weight	Approximately 850 × 400 × 800 mm / 310 kg
Source ordering reference	4.5.A5005; confirm current part number

Technical and Project Information

Water-cooled dry vacuum pump system with a nominal pumping speed of 600 m³/h and a stated ultimate pressure of 0.5 Pa. The SSH610H uses variable-pitch pumping stages, nitrogen dilution/seal gas, RS-485 Modbus RTU and remote I/O.

CBVAC SSH610H Dry Vacuum Pump System

The SSH610H is a high-throughput water-cooled dry pumping system for industrial process vacuum. The source configuration uses two controlled drives and provides nitrogen dilution and seal-gas connections.

Installed motor power is not the same as normal electrical consumption. Size electrical protection for starting, fault and worst-case load using the current wiring document.

Confirm process-gas compatibility, purge recipe, cooling-water quality, inlet hardware, exhaust abatement, Modbus map and interlocks. Corrosive, condensable, pyrophoric, flammable or toxic streams require a dedicated process and hazard review.

- 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 SSH610H Dry Vacuum Pump System, 600 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.