

PRODUCT TECHNICAL BRIEF

KYKY ZF180L Direct-Atmosphere High-Vacuum Pump

KYKY ZF180L Direct-Atmosphere High-Vacuum Pump - LeakLab solutions for leak testing, vacuum systems and test equipment.

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Technical Data

PARAMETER	PUBLISHED VALUE / INFORMATION
Maximum pumping speed	170 m ³ /h in the source product record
Ultimate pressure	<1 × 10 ⁻² Pa
Inlet / exhaust	ISO-K63 / KF25
Ambient temperature	5-40 °C
Noise / vibration	<59 dB(A) / <0.2 g in the source record
Mounting	Vertical, inlet upward, maximum operating tilt 5°
Lubricant stated in source record	Fomblin 6/6
Enclosure / warm-up	IP44 / approximately 30 min
Power	Three-phase 200/208 V AC ±10%, 47-63 Hz
Nominal / maximum input power	1.3 / 3 kW
Weight	Approximately 43.5 kg

Technical and Project Information

Integrated pump for evacuation from atmospheric pressure to below 1 × 10⁻² Pa without a separate backing pump. The source product record lists 170 m³/h peak speed, ISO-K63 inlet, KF25 exhaust and vertical installation.

The ZF180L is presented in the cloned source catalog as an integrated pump for clean load-lock, coating, plasma and research systems. It combines the atmospheric-to-high-vacuum pressure range in one unit.

The source page called the pump oil-free while also specifying Fomblin lubricant. It is more accurate to describe the pumping path as hydrocarbon-free subject to the exact internal design; the pump is not literally lubricant-free.

Confirm the current manufacturer datasheet, electrical variant, cooling, interlock, exhaust limit, gas compatibility and maintenance procedure. No claim of authorized LeakLab representation is made.

- Vacuum Pumps Atmosphere-to-High-Vacuum Dry Pumps JZB Atmosphere-to-High-Vacuum 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 JZB Atmosphere-to-High-Vacuum Pumps
- JZB Atmosphere-to-High-Vacuum 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: KYKY ZF180L Direct-Atmosphere High-Vacuum Pump

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