

Liquid-Cooled Dummy Load TC-DL-30

Model: TC-DL-30



PRODUCT OVERVIEW

Simulates real server power consumption and heat generation. Multi-step load combinations mimic different server heat states, used in data centers and telecom rooms to test the performance of cooling systems before go-live.

KEY FEATURES

- Temperature-limited heating and over-pressure differential trip-off
- Sanitary-grade pipeline and high-precision filtration
- Accurately simulates the flow resistance of various servers
- Sealed without PTFE tape or sealant
- Adjustable power and adaptable electrical interface
- HMI showing real-time operating parameters
- Leak detection
- Protection: water leakage, electric leakage, over-temperature (80 °C alarm), grounding, over-pressure

PRODUCT SPECIFICATIONS

Item	Specification
Rated Heat Exchange Power	30 kW
Power Supply	220 VAC / 1 Ph / 50–60 Hz standard · 230 V to order
Pressure Bearing Capacity	10 bar
Air Tightness	No leakage for 2 hours under 1.2 MPa
Insulation Class	Class F
Inlet Fluid Temperature Range	5 °C – 75 °C
Overall Dimension	483 × 262 × 827 mm

APPLICATIONS

Cooling System Commissioning

Data Center Acceptance Test

Telecom Room Testing