

Liquid Cooling Rear Door (Active / Passive)

Models: TC-RDX-A20 (active) · TC-RDX-P10 (passive)



PRODUCT OVERVIEW

Liquid cooling doors are installed on the front or rear of server cabinets. Combined with cold-plate liquid cooling they enable fully liquid-cooled cabinets, for racks with high heat load and temperature-sensitive equipment. The active door has a heat exchanger and fan wall; the passive door has a heat exchanger and mesh door panel.

KEY FEATURES

- Self-diagnosis, on-site diagnosis, safety protection and leak detection
- HMI displaying all alarm signals
- Standard quick-connect inlet and outlet ports
- Universal casters for easy door operation and rapid deployment
- Modular design for data centers of all scales and layouts

PRODUCT SPECIFICATIONS

Item	TC-RDX-A20 (Active)	TC-RDX-P10 (Passive)
Power Supply	AC220 V standard · 230 V / 50 Hz to order	DC48V
Cooling Capacity	20 kW @ ΔT 2.7 °C, 130 L/min	10.1 kW @ ΔT 2.6 °C, 55 L/min
Supply / Return Liquid Temp.	32 / 34.2 °C	32 / 34.7 °C
Air Inlet / Outlet Temp.	45 / 34.7 °C	40 / 34.6 °C
Liquid Flow Rate	130 L/min	55 L/min
Air Volume	6300 m³/h	5950 m³/h
Water Side Pressure Drop	74.2 kPa	43 kPa
Power Consumption	1.1 kW	30 W
Overall Dimension	595 × 250 × 2250 mm	599.5 × 150 × 2195 mm
Net / Operating Weight	105 kg / 115 kg	71.5 kg / 91.5 kg
Matching Cabinet (W×D×H)	600 × 1200 × 2250 mm	600 × 1200 × 2200 mm

APPLICATIONS

High-Density Data Center

Edge Computing Node

Special Industry Scenarios

Legacy Data Center Retrofit