GoCool-260

Liquid-to-Air Coolant Distribution Unit

Unlock unmatched efficiency with Delta's Liquid-to-Air (LTA) CDU for HPC and AI workloads. LTA CDU provides a closed-loop liquid solution that eliminates the need for raised floors or extensive piping, and seamlessly integrates with direct-to-chip cooling for superior performance. Enjoy high cooling density, minimal power consumption, and simplified deployment. With customizable options, Delta's GoCool-260 can achieve up to 260 kW per rack, ensuring reliability with redundant components and hot-swappable features. The GoCool LTA CDU is ideal for data center retrofits and scalable growth.

Superior Heat Dissipation

- Excellent thermal resistance that significantly outperforms air cooling
- Maximizes cooling density, providing more efficient heat removal

Cost Efficient

- Ultra-efficient power usage: low power consumption under 13%
- Seamless integration: no raised floors or facility piping needed; simplifies layout and adapts easily to specific requirements
- Optimizes space utilization: increases compute density and maximizes space without facility modifications
- Utilizes existing infrastructure: Room Cooling (CRAH), hot air containment and racks

Robust Reliability

- Redundant design for key components: pump, fan, sensor and controller
- Assures coolant quality with integrated 50-micron filter
- Hot-swappable pump and fan enable swift onsite replacement

Technical Specifications

Model	GoCool-260
Nominal Cooling Capacity	260 kW
DEPLOYMENT	
Ambient Temperature	35°C (95°F)
Airflow Rate	25,076 CFM
Coolant Supply Temperature	45°C (113°F)
Coolant Flow Rate	286 LPM
Coolant Supply Pressure	22.5 psi
Approach Temperature	10°C (18°F)
Coolant Feed Location	Front
POWER SUPPLY	
Nominal Power Supply Voltage	380/220 Vac, 3P4W+PE
Operating Voltage Range	346-480/200-277 Vac
Frequency	50/60 Hz
Maximum Power Consumption	28.7 kW
Dual Power Feed	Standard
PHYSICAL	
Dimensions (W x D x H)	1200 x 1352 x 2331 mm (47.3" x 53.3" x 91.8")
Net Weight	1320 kg (2910 lb)
COMMUNICATION INTERFACE	
Display	LCD touchscreen
Protocols	Modbus RTU
ENVIRONMENT	
Operating Temperature	10 to 35°C (50 to 95°F)
Humidity	20-80%
CONFORMANCE	
Safety	UL
FEATURES	
Leak Detection	Standard
Networking Remote Monitoring/Control	Standard
Individual Fan Fail Sensing	Standard
Variable DC Fans	Standard

All specifications are subject to change without prior notice.

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