

L2A CDU-115

Liquid-to-Air Coolant Distribution Unit

Unlock unmatched efficiency with Delta's Liquid-to-Air (L2A) CDU for HPC and AI workloads. L2A 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 L2A CDU can achieve up to 115 kW per rack, ensuring reliability with redundant components and hot-swappable features. The L2A CDU-115 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: lower power consumption under 5%
- 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	L2A CDU-115
Nominal Cooling Capacity	115 kW
DEPLOYMENT	
Ambient Temperature	35°C (95°F)
Airflow Rate	13,908 CFM
Coolant Supply Temperature	45°C (113°F)
Coolant Flow Rate	138 LPM
Coolant Supply Pressure	34 psi
Approach Temperature	10°C (18°F)
Coolant Feed Location	Front
POWER SUPPLY	
Nominal Power Supply Voltage	380/400/415/480 Vac, 3P4W+PE
Operating Voltage Range	312-528 Vac
Frequency	50/60 Hz
Maximum Power Consumption	18 kW
Dual Power Feed	Standard
PHYSICAL	
Dimensions (W x D x H)	1200 x 1066 x 2286 mm (48 x 42 x 90 in)
Net Weight	1200 kg (2645.5 lbs)
COMMUNICATION INTERFACE	
Display	LCD touchscreen (optional)
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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