Cooling Solutions

Future-ready for every cooling need

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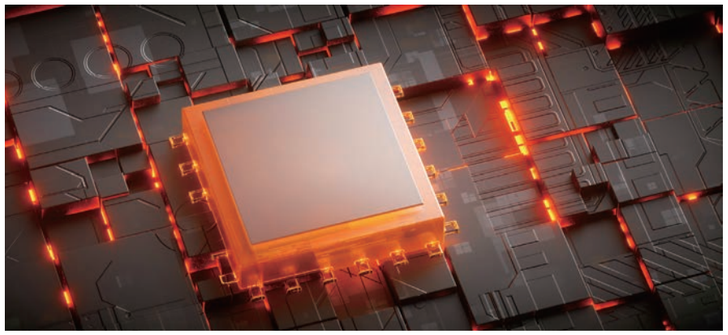
Cooling Dynamics for Digital Growth

In an era dominated by mature AI and high computing power, enterprises are propelled toward digital transformation by evolving technologies and market trends. The widespread use of social media, e-commerce, gaming, and self-driving cars underscores the need for robust datacenter support. However, the escalating power densities, doubling over the past six to seven years, pose a critical challenge with the rising demand for intensified heat dissipation. As rack density reaches 60-150 kW and beyond in high-performance settings, the role of efficient cooling becomes even more vital for sustained development.

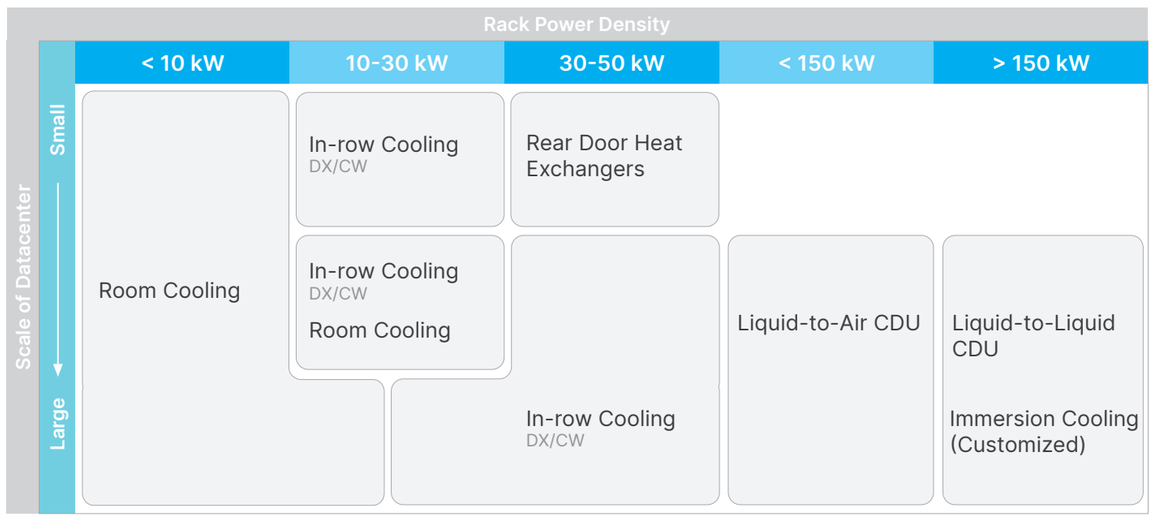


Efficient Cooling Powers Datacenter Excellence

Optimizing cooling systems are paramount, since these systems constitute nearly 40% of a datacenter's overall energy consumption. The selection of efficient cooling solutions not only diminishes energy usage but also enhances overall efficiency, thereby contributing to a reduced Power Usage Effectiveness (PUE) for attaining peak efficiency in datacenter design.

Explore Delta's diverse range of cooling solutions, spanning from air to liquid types, that are meticulously designed to meet your specific requirements. Refer to the chart below for valuable insights into elevating your datacenter's efficiency and fostering a more sustainable future.

Cooling Solutions Across Datacenter Scales by Rack Density



DX: Direct Expansion System CW: Cooling Water System

Thermal Portfolio

Adaptive Technologies Across Liquid & Air

Rooted in decades of thermal and power leadership, Delta translates component-level mastery into massive data center infrastructures. By bridging advanced liquid and air technologies, we provide the flexible, high-efficiency cooling architecture needed to support any density, from edge to hyperscale datacenter.

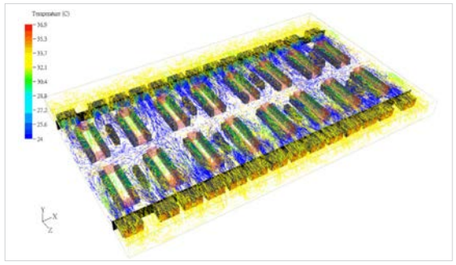
Cooling Type		Nominal Cooling Capacity	Cooling Medium	Page
Liquid Cooling (GoCool)				
	Liquid-to-Liquid CDU	660-3000 kW	DI Water & PG25	5-14
	Liquid-to-Air CDU	80-260 kW	PG25	15-20
Air Cooling				
	Rear Door Heat Exchanger (RDHx)	30, 50 kW	Pure Water	21-22
	In-row Cooling (CW)	29-95 kW	Chilled Water	23-24
	In-row Cooling (DX)	30, 45 kW	R410 Refrigerant	25-26
	Room Cooling (CW)	70, 90 kW	Chilled Water	27-28

Scientific Validation & Certified Reliability

Precision is driven by empirical rigor. Our cooling products are validated at our in-house lab, complying with 22 international safety standards and 15 rigorous reliability tests. Leveraging advanced Computational Fluid Dynamics (CFD) and world-class validation, we ensure every solution masters the stringent demands of mission-critical AI workloads.

LTA CDU Aerodynamic Performance Validation Lab

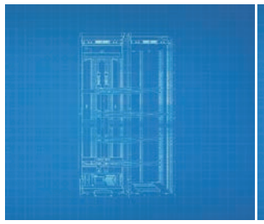
LTL CDU Performance Validation Lab



CFD-Validated Design Performance

Lifecyle Mastery: From Design to Maintenance

Delta is your one-stop partner for cooling excellence. Beyond hardware, we provide a seamless service journey—from initial consultation and bespoke design to proactive maintenance. Our integrated approach ensures your cooling infrastructure remains optimized, reliable, and future-ready.



Consultative Design

- Tailor-made cooling proposal
- Customized to align with specific power architecture setups

Manufacturing

- Craft in-house
- Third party certified lab
- 100% testing before shipping

Installation

- On-demand installation
- Testing protocols
- Service training

Proactive Maintenance

- Maintenance
- Coolant management

Proven Performance

Success is measured by the performance of our partners. Delta's cooling solutions are trusted by global hyperscalers and enterprises to manage the most demanding AI and HPC workloads. Delta's prowess in cooling technology epitomizes excellence and trustworthiness in critical operational environments.

Information Technology & Software

A Software and Cloud Giant
LTA CDU 144 kW*
LTL CDU 1000 kW

AI and High-Performance Computing

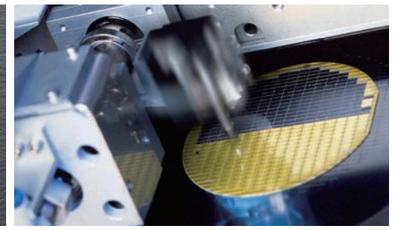
An AI and GPU Leader
LTA CDU 40*, 60*, 115* kW
LTL CDU 1000, 1500 kW

Cloud Computing

A Top Cloud Service Provider
LTA CDU 80, 500 kW
LTL CDU 600*, 1000 kW

Social Media & Digital Platforms

A Top-tier Social Media Platform
LTA CDU 20, 40 kW*



Semiconductors

A Dominant Semiconductor Foundry
Two-phase Immersion Cooling 100 kW*
In-row Cooling 29-250* kW

Colocation Provider

A Top Colocation Service Provider
LTL CDU 440*, 550*, 772* kW

Telecom

HTC-ITC's Uptime TCCF TIER III Certified Datacenter
In-row Cooling 30 kW
Room Cooling 30, 40 kW

Chemical Industry

Formosa Plastics Group
In-row Cooling 45 kW

Financial Services

IBF Financial Holdings
In-row Cooling 43 kW

* Customized products

Liquid-to-Liquid CDU

GoCool-660

The increasing demand for high-performance computing and advanced GPUs highlights the limitations of air-cooling. Delta's GoCool LTL CDU offers a superior alternative, providing effective separation of facility and secondary circuits as well as precise control over flow, pressure, temperature, and coolant quality. It excels in managing high-density thermal load, maximizing computing power while minimizing data center PUE. The GoCool LTL CDU ensures operational reliability by preventing condensation and guarantees quality with its stainless steel plumbing and coolant filtration. Elevate your data center performance—engineered for the future of high-performance computing.

Cost Effective

- Maximize energy saving: cuts power consumption, surpassing traditional air cooling
- Space optimization: compact design enables closer server placement further reducing Capex
- Flexible integration: supports direct-to-chip and Rear Door Heat Exchanger (RDHx) applications, adapting to existing setups and blending air and liquid cooling for future upgrades

High Reliability

- Uninterrupted operation: dual power feed with ATS ensures continuous CDU operation
- Optimized redundancy design: ensures no single point of failure in the system
- Leak detection: instant alarms with configurable response for efficient pumping action
- Durable construction: stainless steel plumbing with 50-micron filters for long-term coolant quality

Easy Management

- Intuitive interface: 10-inch color touchscreen displays real-time system status
- Efficient control: group and manual control enhance system management and reliability

Technical Specifications

Model		GoCool-660
Nominal Cooling Capacity		660 kW @7.5°C approach, 660 LPM secondary flow rate, 600 LPM primary flow rate, 1.0 LPM/kW 500 kW @6.0°C approach, 750 LPM secondary flow rate, 600 LPM primary flow rate, 1.5 LPM/kW
PRIMARY SIDE		
Coolant Type		Water
Nominal Coolant Flow Rate		660 LPM, 17°C primary inlet temperature
Operating Pressure Drop		137 kPa
Coolant Filter		500μ with bypass loop to enable hot-swappable
SECONDARY SIDE		
Coolant Type		Deionized water/25%PG
Nominal Coolant Flow Rate		660 LPM
Approach Temperature		7.5°C
Coolant Filter		50μm with bypass loop to enable hot-swappable (upgradeable to 25 μm)
External Pressure Drop		163 kPa
POWER SUPPLY		
Nominal Power Supply Voltage		380/400/415 Vac, 3P3W+PE
Operating Voltage Range		360-440 Vac
Frequency		50/60 Hz
Dual Power Feed		Standard
Automatic Transfer Switch		Standard
DC UPS Backup Power		Standard
MCU Controls		Standard
Power Feed Location		Top
DEPLOYMENT		
Primary Connection		2.5" Victaulic, DN65
Secondary Connection		3" Victaulic, DN80
Piping Connection Location		Bottom
PHYSICAL		
Dimensions (W x D x H)		600 x 1350 x 2100 mm (23.6" x 53.2" x 82.7")
Clearance		Front: 800 mm (31.5"); Rear: 800 mm (31.5")
Net Weight	With Coolant	800 kg (1764 lb)
	Without Coolant	675 kg (1488 lb)
Noise Level (at 1 m)		< 72 dBA
COMMUNICATION INTERFACE		
Display		10" color touchscreen
Protocols		SNMP, Modbus RTU, Modbus TCP/IP, BACnet
Monitoring		Primary Side: Temp. (Inlet/Outlet), Flow rate, Pressure (Inlet/Outlet, Filter ΔP) Secondary Side: Temp. (Supply/Return), Flow rate, Pressure (Supply/Return, Filter ΔP) Dew-point Temp.
CONFORMANCE		
Safety		CE
FEATURES		
Leak Detection		Standard
Dew Point Monitor		Standard
Control Sensor Redundancy		Standard
Variable Frequency Drivers (VFD)		Standard
Expansion Vessel		Standard
Filling Tank		Standard
Auto-restart Function		Standard
Pump Redundancy		N mode
Grouping Control		Standard

All specifications are subject to change without prior notice.

Liquid-to-Liquid CDU

GoCool-1000

The increasing demand for high-performance computing and advanced GPUs highlights the limitations of air-cooling. Delta's GoCool LTL CDU offers a superior alternative, providing effective separation of facility and secondary circuits as well as precise control over flow, pressure, temperature, and coolant quality. It excels in managing high-density thermal load, maximizing computing power while minimizing data center PUE. The GoCool LTL CDU ensures operational reliability by preventing condensation and guarantees quality with its stainless steel plumbing and coolant filtration. Elevate your data center performance—engineered for the future of high-performance computing.

Cost Effective

- Maximize energy saving: cuts power consumption, surpassing traditional air cooling
- Space optimization: compact design enables closer server placement further reducing Capex
- Flexible integration: supports direct-to-chip and Rear Door Heat Exchanger (RDHx) applications, adapting to existing setups and blending air and liquid cooling for future upgrades

High Reliability

- Uninterrupted operation: dual power feed with ATS ensures continuous CDU operation
- Optimized redundancy design: ensures no single point of failure in the system
- Leak detection: instant alarms with configurable response for efficient pumping action
- Durable construction: stainless steel plumbing with 50-micron filters for long-term coolant quality

Easy Management

- Intuitive interface: 10-inch color touchscreen displays real-time system status
- Efficient control: group and manual control enhance system management and reliability

Technical Specifications

Model		GoCool-1000
Nominal Cooling Capacity		1000 kW @5°C approach, 1000 LPM secondary flow rate, 1200 LPM primary flow rate, 1.0 LPM/kW 750 kW @4°C approach, 1125 LPM secondary flow rate, 1200 LPM primary flow rate, 1.5 LPM/kW
PRIMARY SIDE		
Coolant Type		Water
Nominal Coolant Flow Rate		1200 LPM, 17°C primary inlet temperature
Operating Pressure Drop		136 kPa
Coolant Filter		N/A
SECONDARY SIDE		
Coolant Type		25%PG
Nominal Coolant Flow Rate		1000 LPM
Approach Temperature		5°C
Coolant Filter		50μm with isolation valves to enable hot-swappable (upgradeable to 25 μm)
External Pressure Drop		360 kPa
POWER SUPPLY		
Nominal Power Supply Voltage		380/400/415/480 Vac, 3P3W+PE
Operating Voltage Range		342-528 Vac
Frequency		50/60 Hz
Dual Power Feed		Standard
Automatic Transfer Switch		Standard
DC UPS Backup Power		Standard
MCU Controls		Standard
Power Feed Location		Top
DEPLOYMENT		
Primary Connection		4” Victaulic
Secondary Connection		4” Victaulic
Piping Connection Location		Bottom/Top
PHYSICAL		
Dimensions (W x D x H)		900 x 1360 x 2300 mm (35.4” x 53.5” x 90.6”)
Clearance		Front: 900 mm (35.4”); Rear: 900 mm (35.4”)
Net Weight	With Coolant	1800 kg (3968 lb)
	Without Coolant	1500 kg (3307 lb)
Noise Level (at 1 m)		< 79 dBA
COMMUNICATION INTERFACE		
Display		10'' color touchscreen
Protocols		SNMP, Modbus RTU, Modbus TCP/IP, BACnet
Monitoring		Primary Side: Temp. (Inlet/Outlet), Flow rate, Pressure (Inlet/Outlet, Filter ΔP) Secondary Side: Temp. (Supply/Return), Flow rate, Pressure (Supply/Return, Filter ΔP) Dew-point Temp.
CONFORMANCE		
Safety		CE
FEATURES		
Leak Detection		Standard
Dew Point Monitor		Standard
Control Sensor Redundancy		Standard
Variable Frequency Drivers (VFD)		Standard
Expansion Vessel		Standard
Filling Tank		Optional
Auto-restart Function		Standard
Coolant Healthy Measurement		Optional
Grouping Control		Standard

All specifications are subject to change without prior notice.

Liquid-to-Liquid CDU

GoCool-1200

The increasing demand for high-performance computing and advanced GPUs highlights the limitations of air-cooling. Delta's GoCool LTL CDU offers a superior alternative, providing effective separation of facility and secondary circuits as well as precise control over flow, pressure, temperature, and coolant quality. It excels in managing high-density thermal load, maximizing computing power while minimizing data center PUE. The GoCool LTL CDU ensures operational reliability by preventing condensation and guarantees quality with its stainless steel plumbing and coolant filtration. Elevate your data center performance—engineered for the future of high-performance computing.

Cost Effective

- Maximize energy saving: cuts power consumption, surpassing traditional air cooling
- Space optimization: compact design enables closer server placement further reducing Capex
- Flexible integration: supports direct-to-chip and Rear Door Heat Exchanger (RDHx) applications, adapting to existing setups and blending air and liquid cooling for future upgrades

High Reliability

- Uninterrupted operation: dual power feed with ATS ensures continuous CDU operation
- Optimized redundancy design: ensures no single point of failure in the system
- Leak detection: instant alarms with configurable response for efficient pumping action
- Durable construction: stainless steel plumbing with 50-micron filters for long-term coolant quality

Easy Management

- Intuitive interface: 10-inch color touchscreen displays real-time system status
- Efficient control: group and manual control enhance system management and reliability

Technical Specifications

Model		GoCool-1200
Nominal Cooling Capacity		1200 kW @5°C approach, 1200 LPM secondary flow rate, 1200 LPM primary flow rate, 1.0 LPM/kW 1050 kW @4.5°C approach, 1260 LPM secondary flow rate, 1200 LPM primary flow rate, 1.2 LPM/kW 900 kW @4°C approach, 1350 LPM secondary flow rate, 1200 LPM primary flow rate, 1.5 LPM/kW
PRIMARY SIDE		
Coolant Type		Water
Nominal Coolant Flow Rate		1200 LPM, 17°C primary inlet temperature
Operating Pressure Drop		134 kPa
Coolant Filter		500 µm with bypass loop to enable hot-swappable
SECONDARY SIDE		
Coolant Type		25%PG
Nominal Coolant Flow Rate		1350 LPM
Approach Temperature		4°C
Coolant Filter		50 µm with isolation valves to enable hot-swappable (upgradeable to 25 µm)
External Pressure Drop		289 kPa
POWER SUPPLY		
Nominal Power Supply Voltage		380/400/415/480 Vac, 3P3W+PE
Operating Voltage Range		342-528 Vac
Frequency		50/60 Hz
Dual Power Feed		Standard
Automatic Transfer Switch		Standard
MCU Controls		Standard
Power Feed Location		Top
DEPLOYMENT		
Primary Connection		4" sanitary ferrule
Secondary Connection		4" sanitary ferrule
Piping Connection Location		Top
PHYSICAL		
Dimensions (W x D x H)		900 x 1200 x 2300 mm (35.4" x 47.2" x 90.6")
Clearance		Front: 1200 mm (47.2"); Rear: 800 mm (31.5")
Net Weight	With Coolant	1450 kg (3197 lb)
	Without Coolant	1200 kg (2646 lb)
Noise Level (at 1 m)		< 75 dBA
COMMUNICATION INTERFACE		
Display		10" color touchscreen
Protocols		SNMP, Modbus RTU, Modbus TCP/IP, BACnet
Monitoring		Primary Side: Temp. (Inlet/Outlet), Flow rate, Pressure (Inlet/Outlet, Filter ΔP) Secondary Side: Temp. (Supply/Return), Flow rate, Pressure (Supply/Return, Filter ΔP) Dew-point Temp.
CONFORMANCE		
Safety		CE, UL/CSA 60335
FEATURES		
Leak Detection		Standard
Dew Point Monitor		Standard
Control Sensor Redundancy		Standard
Variable Frequency Drivers (VFD)		Standard
Expansion Vessel		Standard
Filling Tank		Standard
Auto-restart Function		Standard
Coolant Healthy Measurement		pH sensor
Pump Redundancy		N mode
Grouping Control		Standard

All specifications are subject to change without prior notice.

Liquid-to-Liquid CDU

GoCool-1500

The increasing demand for high-performance computing and advanced GPUs highlights the limitations of air-cooling. Delta's GoCool LTL CDU offers a superior alternative, providing effective separation of facility and secondary circuits as well as precise control over flow, pressure, temperature, and coolant quality. It excels in managing high-density thermal load, maximizing computing power while minimizing data center PUE. The GoCool LTL CDU ensures operational reliability by preventing condensation and guarantees quality with its stainless steel plumbing and coolant filtration. Elevate your data center performance—engineered for the future of high-performance computing.

Cost Effective

- Maximize energy saving: cuts power consumption, surpassing traditional air cooling
- Space optimization: compact design enables closer server placement further reducing Capex
- Flexible integration: supports direct-to-chip and Rear Door Heat Exchanger (RDHx) applications, adapting to existing setups and blending air and liquid cooling for future upgrades

High Reliability

- Uninterrupted operation: dual power feed with ATS ensures continuous CDU operation
- Optimized redundancy design: ensures no single point of failure in the system
- Leak detection: instant alarms with configurable response for efficient pumping action
- Durable construction: stainless steel plumbing with 50-micron filters for long-term coolant quality

Easy Management

- Intuitive interface: 10-inch color touchscreen displays real-time system status
- Efficient control: group and manual control enhance system management and reliability

Technical Specifications

Model		GoCool-1500
Nominal Cooling Capacity		1500 kW @6°C approach, 1500 LPM secondary flow rate, 1300 LPM primary flow rate, 1.0 LPM/kW 1375 kW @6°C approach, 1650 LPM secondary flow rate, 1300 LPM primary flow rate, 1.2 LPM/kW 1250 kW @5°C approach, 1500 LPM secondary flow rate, 1300 LPM primary flow rate, 1.2 LPM/kW 1016 kW @4°C approach, 1524 LPM secondary flow rate, 1300 LPM primary flow rate, 1.5 LPM/kW
PRIMARY SIDE		
Coolant Type		Water
Nominal Coolant Flow Rate		1300 LPM, 17°C primary inlet temperature
Operating Pressure Drop		114 kPa
Coolant Filter		500 µm with bypass loop to enable hot-swappable
SECONDARY SIDE		
Coolant Type		25%PG
Nominal Coolant Flow Rate		1524 LPM
Approach Temperature		4°C
Coolant Filter		50 µm with isolation valves to enable hot-swappable (upgradeable to 25 µm)
External Pressure Drop		331 kPa
POWER SUPPLY		
Nominal Power Supply Voltage		380/400/415/480 Vac, 3P3W+PE
Operating Voltage Range		342-528 Vac
Frequency		50/60 Hz
Dual Power Feed		Standard
Automatic Transfer Switch		Standard
MCU Controls		Standard
Power Feed Location		Top
DEPLOYMENT		
Primary Connection		4" sanitary ferrule
Secondary Connection		4" sanitary ferrule
Piping Connection Location		Top
PHYSICAL		
Dimensions (W x D x H)		1200 x 1200 x 2300 mm (47.2" x 47.2" x 90.6")
Clearance		Front: 1200 mm (47.2"); Rear: 800 mm (31.5")
Net Weight	With Coolant	1900 kg (4188.8 lb)
	Without Coolant	1600 kg (3527.4 lb)
Noise Level (at 1 m)		< 76 dBA
COMMUNICATION INTERFACE		
Display		10" color touchscreen
Protocols		SNMP, Modbus RTU, Modbus TCP/IP, BACnet
Monitoring		Primary Side: Temp. (Inlet/Outlet), Flow rate, Pressure (Inlet/Outlet, Filter ΔP) Secondary Side: Temp. (Supply/Return), Flow rate, Pressure (Supply/Return, Filter ΔP) Dew-point Temp.
CONFORMANCE		
Safety		CE, UL/CSA 60335
FEATURES		
Leak Detection		Standard
Dew Point Monitor		Standard
Control Sensor Redundancy		Standard
Variable Frequency Drivers (VFD)		Standard
Expansion Vessel		Standard
Filling Tank		Optional
Auto-restart Function		Standard
Coolant Healthy Measurement		pH sensor
Pump Redundancy		3+1(N+1) or 4 (N mode)
Grouping Control		Standard

All specifications are subject to change without prior notice.

Liquid-to-Liquid CDU

GoCool-3000

The increasing demand for high-performance computing and advanced GPUs highlights the limitations of air-cooling. Delta's GoCool LTL CDU offers a superior alternative, providing effective separation of facility and secondary circuits as well as precise control over flow, pressure, temperature, and coolant quality. It excels in managing high-density thermal load, maximizing computing power while minimizing data center PUE. The GoCool LTL CDU ensures operational reliability by preventing condensation and guarantees quality with its stainless steel plumbing and coolant filtration. Elevate your data center performance—engineered for the future of high-performance computing.

Cost Effective

- Maximize energy saving: cuts power consumption, surpassing traditional air cooling
- Space optimization: compact design enables closer server placement further reducing Capex
- Flexible integration: supports direct-to-chip and Rear Door Heat Exchanger (RDHx) applications, adapting to existing setups and blending air and liquid cooling for future upgrades

High Reliability

- Uninterrupted operation: dual power feed with ATS ensures continuous CDU operation
- Optimized redundancy design: ensures no single point of failure in the system
- Leak detection: instant alarms with configurable response for efficient pumping action
- Durable construction: stainless steel plumbing with 50-micron filters for long-term coolant quality

Easy Management

- Intuitive interface: 10-inch color touchscreen displays real-time system status
- Efficient control: group and manual control enhance system management and reliability

Technical Specifications

Model		GoCool-3000
Nominal Cooling Capacity		3000 kW @6°C approach, 3000 LPM secondary flow rate, 3000 LPM primary flow rate, 1.0 LPM/kW 2500 kW @5°C approach, 3000 LPM secondary flow rate, 3000 LPM primary flow rate, 1.2 LPM/kW 2000 kW @4°C approach, 3000 LPM secondary flow rate, 3000 LPM primary flow rate, 1.5 LPM/kW
PRIMARY SIDE		
Coolant Type		Water
Nominal Coolant Flow Rate		3000 LPM, 17°C primary inlet temperature
Operating Pressure Drop		159 kPa
Coolant Filter		500 µm
SECONDARY SIDE		
Coolant Type		25%PG
Nominal Coolant Flow Rate		3000 LPM
Approach Temperature		4°C
Coolant Filter		25 µm with isolation valves to enable hot-swappable (Optional 50 µm)
External Pressure Drop		334 kPa
POWER SUPPLY		
Nominal Power Supply Voltage		380/400/415/480 Vac, 3P3W+PE
Operating Voltage Range		342-528 Vac
Frequency		50/60 Hz
Dual Power Feed		Standard
Automatic Transfer Switch		Standard
MCU Controls		Standard
Power Feed Location		Top
DEPLOYMENT		
Primary Connection		6'' Victaulic
Secondary Connection		6'' Victaulic
Piping Connection Location		Top
PHYSICAL		
Dimensions (W x D x H)		1200 x 1500 x 2300 mm (47.2″ x 59.1″ x 90.6″)
Clearance		Front: 1200 mm (47.2″); Rear: 800 mm (31.5″)
Net Weight	With Coolant	2800 kg (6172.9 lb)
	Without Coolant	2222 kg (4898.7 lb)
Noise Level		*(1)
COMMUNICATION INTERFACE		
Display		10'' color touchscreen
Protocols		SNMP, Modbus RTU, Modbus TCP/IP, BACnet
Monitoring		Primary Side: Temp. (Inlet/Outlet), Flow rate, Pressure (Inlet/Outlet, Filter ΔP) Secondary Side: Temp. (Supply/Return), Flow rate, Pressure (Supply/Return, Filter ΔP) Dew-point Temp.
CONFORMANCE		
Safety		CE, UL/CSA 60335
FEATURES		
Leak Detection		Standard
Dew Point Monitor		Standard
Control Sensor Redundancy		Standard
Variable Frequency Drivers (VFD)		Standard
Expansion Vessel		Standard
Filling Tank		Standard
Auto-restart Function		Standard
Coolant Healthy Measurement		pH sensor, Conductivity sensor, (Optional: Turbidity sensor)
Pump Redundancy		N mode
Grouping Control		Standard

(1) To be released

All specifications are subject to change without prior notice.

Liquid-to-Air CDU

GoCool-80

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-80 can achieve up to 80 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 10%
- 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-80
Nominal Cooling Capacity	80 kW
DEPLOYMENT	
Ambient Temperature	35°C (95°F)
Airflow Rate	10,858 CFM
Coolant Supply Temperature	45°C (113°F)
Coolant Flow Rate	120 LPM
Coolant Supply Pressure	30 psi
Approach Temperature	10°C (18°F)
Coolant Feed Location	Front
POWER SUPPLY	
Nominal Power Supply Voltage	380/220 Vac, 400/230 Vac, 415/240 Vac, 480/277 Vac, 3P4W+PE
Operating Voltage Range	346-480/200-277 Vac
Frequency	50/60 Hz
Maximum Power Consumption	9.6 kW
Dual Power Feed	Standard
PHYSICAL	
Dimensions (W x D x H)	600 x 1068 x 2286 mm (23.6″ × 42.1″ × 90.0″)
Net Weight	625 kg (1377.9 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
Remote Monitoring/Control	Standard
Individual Pump/Fan Fail Sensing	Standard
Quick Replacement for Pump/Fan	Standard

All specifications are subject to change without prior notice.

Liquid-to-Air CDU

GoCool-150

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-150 can achieve up to 150 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 7.5%
- 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 25-micron filter
- Hot-swappable pump and fan enable swift onsite replacement

Technical Specifications

Model	GoCool-150
Nominal Cooling Capacity	150 kW
DEPLOYMENT	
Ambient Temperature	35°C (95°F)
Airflow Rate	17,658 CFM
Coolant Supply Temperature	45°C (113°F)
Coolant Flow Rate	225 LPM
Coolant Supply Pressure	30 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	346-480 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 2300 mm (47.3" × 42.0" × 90.6")
Net Weight	1200 kg (2645.5 lb)
COMMUNICATION INTERFACE	
Display	LCD touchscreen
Protocols	Modbus RTU, Redfish
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.

Liquid-to-Air CDU

GoCool-260

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.

Rear Door Heat Exchanger (RDHx)

CoolDoor-30/50

Delta CoolDoor is the ideal solution for high-power-density racks. With EC fans ensuring reliability and efficiency, it removes heat at the source, preventing hot air in the room. No need for added footprint or raised floor, the CoolDoor saves space and reduces CAPEX. The turbo boost dissipates heat from neighboring racks, and the leakage detection ensures high reliability. Elevate your data center performance with Delta CoolDoor!

Unparalleled Reliability

- Built-in MCU precisely controls water and air flow for accurate temperature management
- Ensures chiller system stability during power recovery with a two-way ball valve design post-emergency shutdown
- Turbo boost control ensures uninterrupted operation by utilizing adjacent RDHx during ball valve or fan failure
- Enhances equipment protection with 4m water leakage detection and integrated cut-off valve (optional) to minimize potential damage
- Integrated ATS (optional) for continuous operation
- Elevates security with lockable access door

Efficient Use of Space and Energy

- No hot aisle containment needed
- Low profile design mounts seamlessly on the rear of the rack, saving valuable space
- Enhance energy savings with an adjustable fan speed (30-100%) and high-efficiency EC fan

Easy Management

- LCD screen and LED indicators for onsite monitoring system status and control
- Empowers remote monitoring through input dry contact and external RTU device
- Tailor-made ducts, perfect for all rack types
- Hot-swappable fans and sensors allow for quick and easy maintenance
- Flow control valve (optional) delivers high cooling availability and control

Technical Specifications

Model	D-30	D-50
Cooling Capacity	30 kW(1)	50 kW(2)
Rated Air Flow	3812 CFM	4016 CFM
PHYSICAL		
Compatible Rack Heights	42-60(3)U	
Compatible Rack Widths	600-800 mm	
Dimensions (W x D x H)	600 x 376 x 1970 mm (23.6″ x 14.8″ x 77.4″)	
Net Weight	90 kg (198.4 lb)	98 kg (216.1 lb)
DEPLOYMENT		
Inlet Chiller Water Temperature	12°C (recommended) to 20°C(4) Inlet chiller water temperature should be higher than dew point temperature	
Ambient Temperature	18 to 30°C (64.4 to 86°F)	
Maximum Operating Pressure	10 bar (999.74 kPa)	
Maximum CW Flow Rate	82 LPM (PICV 69 LPM)	122 LPM (PICV 108 LPM)
Rated Water Flow	55 LPM	90 LPM
Piping Connection	Top/Bottom	
Piping Size	1 inch	1 1/4 inch
POWER SUPPLY		
Nominal Power Supply Voltage	200/208/220/230/240 Vac, 1P2W+PE	
Frequency	50/60 Hz	
Input Connection Type	NEMA 6-15P	
Rated Power Consumption	0.44 kW	0.67 kW
Power Feed Location	Top	
MECHANICAL		
Valve Type	2-way valve, FC type	
Fan Type	EC	
Fan Quantity	4	
Water Leakage Detector	4m length	
COMMUNICATION INTERFACE		
Display	LCD display with LED indicators	
Port	Modbus RTU (RS-485), Remote On/Off input dry contact, Fire alarm input dry contact, Total alarm output dry contact	
CONFORMANCE		
Safety	CE, UL	
FEATURES		
Leak Detection	Standard	
Dual Power Feeds	Optional	
Cut-off Valve (Isolate Leakage RDHx)	Optional	
T/ RH Sensor-Cold Side Dew Point Monitoring	Optional	
PICV Valve	Optional	
Air Static Pressure Sensor	Optional	
Quick Disconnect Couplings	Optional	
BACnet	Optional	
SNMP Card	Optional	

(1) Conditions for D30 rated capacity at return air: 42°C (relative humidity 16.3%), Inlet water 12°C and outlet water 20°C
(2) Conditions for D50 rated capacity at return air: 50°C (relative humidity 10.8%), Inlet water 12°C and outlet water 20°C
(3) Custom connect duct is required for heights over 42U or widths greater than 600 mm
(4) Over 12°C requires cooling capacity derating

* CoolDoor is designed for sensible cooling (dry-coil) only. Ensure water temperature remains above the dew point to avoid condensation. For technical clarification, please consult Delta's team.

All specifications are subject to change without prior notice.

Complete System RDHx Connect Duct Rack

In-Row Cooling, Chilled Water

RowCool CW-29/43/70/95

Delta's RowCool CW delivers exceptional performance for high-temperature chilled water applications with its advanced heat exchanger design. Featuring industry-leading cooling capabilities, the RowCool CW enhances overall efficiency in data center precision cooling systems. Each unit offers a remarkable cooling capacity of up to 95 kW, making it ideal for data centers requiring hundreds of kW. Designed for high efficiency and high density, the RowCool CW ensures reliable, efficient cooling for even the most demanding environments.

High Availability

- Dual power feed: supports dual power inputs, suitable for any tier level of power reliability
- Redundant fan system: fans automatically adjust speeds if one fails, ensuring continuous airflow
- Hot-swappable parts*: replace power modules and fans without downtime
- 1+1 redundant power modules: enhance reliability (available on select models)
- Real-time monitoring: tracks water flow and leaks for immediate troubleshooting

High Efficiency

- Optimized design: enhances cooling efficiency for high-temperature chilled water systems
- Smart fan control: EC fans adjust speeds in real-time based on load changes, minimizing power waste
- Effective heat removal: closely integrates with IT heat loads for effective heat dissipation

High Flexibility

- Flexible installation: supports top or bottom piping and wiring
- Filter choices: high-efficiency (MERV 8) or washable (MERV 1) filters available
- Easy mobility: casters make installation and repositioning easy

* Applicable for CW-29 and CW-43 models

Technical Specifications

Model	CW-29	CW-43	CW-70	CW-95
Total Cooling Capacity[1]	30.8 kW	43.4 kW	69.3 kW	92.6 kW
Sensible Cooling Capacity[1]	30.2 kW	43 kW	69.3 kW	91.6 kW
Total Cooling Capacity[2]	37.1 kW	50.4 kW	83.1 kW	110.7 kW
Sensible Cooling Capacity[2]	37.1 kW	50.4 kW	83.1 kW	110.7 kW
Total Cooling Capacity	28.8 kW[3]	36 kW[3]	57.4 kW[4]	79.4 kW[4]
Sensible Cooling Capacity	28.8 kW[3]	36 kW[3]	57.4 kW[4]	79.4 kW[4]
DEPLOYMENT				
Coolant Type	Chilled Water			
Piping Connection Location	Top/Bottom			
Chilled Water Flow Rate	68.3 LPM	80 LPM	111.2 LPM	120 LPM
Airflow Rate	2902 CFM	4415 CFM	6700 CFM	8200 CFM
Air Discharge Direction	Front			
Heater	N/A		Finned Tube (Optional)	
Humidifier	N/A		Electrode (Optional)	
POWER SUPPLY				
Nominal Power Supply Voltage	220/230 Vac, 1P2W+PE	220/230/240 Vac, 1P2W+PE	380 Vac, 3P4W+PE	380/400 Vac, 3P4W+PE
Operating Voltage Range	198-242 Vac	198-264 Vac	342-418 Vac	360-440 Vac
Frequency	50/60 Hz			
Maximum Power Consumption	1 kW	2.4 kW	3 kW 10.8 kW[5]	4.8 kW 12.9 kW[5]
Dual Power Feed	Standard			
PHYSICAL				
Dimensions (W x D x H)	300 x 1090 x 2000 mm (11.8″ x 42.9″ x 78.7″)		600 x 1090 x 2000 mm (23.6″ x 42.9″ x 78.7″)	
Net Weight	185 kg (407.9 lb)	187 kg (412.3 lb)	368 kg (811.3 lb) 375 kg (826.7 lb)[5]	415 kg (914.9 lb) 422 kg (930.4 lb)[5]
COMMUNICATION INTERFACE				
Display	LCD+LED indicators			
Protocols	SNMP, Modbus RTU			
ENVIRONMENT				
Operation Temperature	18 to 40.6°C			
Humidity	17.7-85%			
CONFORMANCE				
Safety	CE			
Seismic Rating	GR63 Zone 4			
FEATURES				
Leak Detection	Standard			
Remote Rack Temperature	Standard			
Drain Pump	Optional			
Reheat and Humidifier Lockout	Optional			

(1) Cooling Capacity: At 40.6°C dry bulb, 21.6°C wet bulb (relative humidity 17.8%), and 7°C inlet water
(2) Maximum Capacity: At 48.9°C dry bulb, 23.9°C wet bulb (relative humidity 11.5%), and 7°C inlet water
(3) High Temp Water Capacity: At 40.6°C dry bulb, 21.6°C wet bulb (relative humidity 17.8%), with 12°C inlet and 20°C outlet water
(4) High Temp Water Capacity: At 40.6°C dry bulb, 21.6°C wet bulb (relative humidity 17.8%), with 12°C inlet and 21°C outlet water
(5) With heater and humidifier

All specifications are subject to change without prior notice.

In-Row Cooling, Direct Expansion

R-30/45

Elevate your data center with Delta's R Series! Featuring state-of-the-art DC inverter compressors and electronically commuted (EC) fans, the R Series represents the pinnacle of cooling technology. By leveraging Delta's advanced fuzzy control mode, these units deliver unmatched efficiency in direct expansion (DX) cooling systems. Crafted to enhance efficiency and power density in medium- to small-sized data centers, the R Series offers unmatched convenience and simplified maintenance. Bid farewell to costly ownership expenses -- with Delta, achieving optimal efficiency for your data center is within reach. Make the savvy choice, opt for Delta's R Series now!

High Efficiency

- Variable speed fans: EC Fans adjust in real-time to minimize power waste
- Adaptive cooling: DC variable frequency compressor adjusts from 20% to 100% to maintain optimal temperature
- Effective heat removal: quickly adapts to IT heat loads for efficient cooling

Superior Reliability

- Dual power input: integrates seamlessly into any power reliability architecture of any tier level
- Automatic safety: compressor shuts off at unsafe pressures
- Precision control: MCU ensures accurate temperature and automatic unit adjustment
- Comprehensive monitoring: includes real-time flow and leakage detection
- Secure access: lockable front and rear door

Great Adaptability

- Flexible installation: supports top or bottom piping and wiring
- Tailored alarms: configurable with input and output dry contacts
- Tool-free mobility: casters allow easy installation and relocation without extra tools

Technical Specifications

Model	R-30	R-45
Nominal Cooling Capacity	30 kW(1)	45.6 kW(2)
Sensible Cooling Capacity	30 kW	45.6 kW
DEPLOYMENT		
Refrigerant	R410A	
Piping Connection Location	Top/Bottom	
Refrigerant Discharge Piping	5/8 inch	7/8 inch
Refrigerant Liquid Piping	1/2 inch	5/8 inch
Airflow Rate	2940 CFM	5060 CFM
Air Discharge Direction	Front	
POWER SUPPLY		
Nominal Power Supply Voltage	380/400/415/480 Vac, 3P4W+PE	
Operating Voltage Range	342-528 Vac	
Frequency	50/60 Hz	
Rated Power Consumption	10.3 kW	15 kW
Full Load Current	29 A	45 A
Dual Power Feed	Standard	
PHYSICAL		
Dimensions (W x D x H)	300 x 1090 x 2000 mm (11.8" x 42.9" x 78.7")	600 x 1090 x 2000 mm (23.6" x 42.9" x 78.7")
Net Weight Cooling	216 kg (476.2 lb)	300 kg (661.4 lb)
Cooling+ Reheater+ Humidifier	220 kg (485 lb)	303 kg (668 lb)
Cooling+ Reheater+ Electrode Humidifier	223 kg (491.6 lb)	306 kg (674.6 lb)
COMMUNICATION INTERFACE		
Display	10" color LCD touchscreen	
Protocols	Modbus RTU, SNMP	
ENVIRONMENT		
Operation Temperature	18 to 40.6°C	
Humidity	17.7-85%	
CONFORMANCE		
Safety	CE	
FEATURES		
Leak Detection	Standard	
Dual Power Feeds	Optional	
Modbus and BACnet	Standard	
Remote Rack Temperature and Humidity	Standard	
Seismic Rating Zone 4	Optional	
Reheat and Humidifier Lockout	Standard	
Optional Heater	3 kW	6 kW
Optional Wet Membrane Humidifier	1.5 kg/hr	3 kg/hr
Optional Electrode Humidifier	3 kg/hr	

(1) Cooling capacity is rated at a 40°C return air dry bulb temperature, 21°C wet bulb temperature, and 35°C outdoor temperature

Outdoor Unit-Condenser

Model	R-30 Condenser - RDA037	R-45 Condenser - RDA059
Nominal Power Supply Voltage	380/400/415/480 Vac, 3P4W+PE	
Frequency	50/60 Hz	
Fan Quantity	1 pcs	
Dimensions (W x D x H)	1725 x 1100 x 1120 mm	
Net Weight	110 kg	120 kg
Operation Temperature	-15 to 45°C	

All specifications are subject to change without prior notice.

Room Cooling, Chilled Water

L-70/90

Introducing Delta's L Series room cooling -- engineered for superior reliability and efficiency. This advance chiller offers precise temperature control with intelligent management, energy-efficient EC fans, and ATS. Engineered for high-temperature applications with its advanced heat exchanger design. The Delta L Series combines intuitive controls with superior insulation to deliver optimal performance and protection for your critical cooling needs.

Superior System Reliability

- Intelligent control: built-in MCU adjusts cooling water and air flow to maintain optimal temperature control
- Built-in ATS: automatically switch to backup power feed to ensure uninterrupted operation
- Two-way ball valve: stabilizes chilled water flow and prevents fluctuations during power recovery

Optimized Energy Efficiency

- EC fan: adjustable-speed fan (30-100%) for customized energy savings
- Double wall panel: high-insulation panels reduce heat loss and enhance energy efficiency
- User-friendly touchscreen control interface: simplifies system management and monitoring for efficient operation

Comprehensive Safety Features

- Alarm system with smoke detection: alerts user to system abnormalities and provides early fire warning
- Water leakage detection: immediate alerts for any water leakage to protect equipment
- Lockable access door: tool-required locking mechanism ensures secure access before startup

Technical Specifications

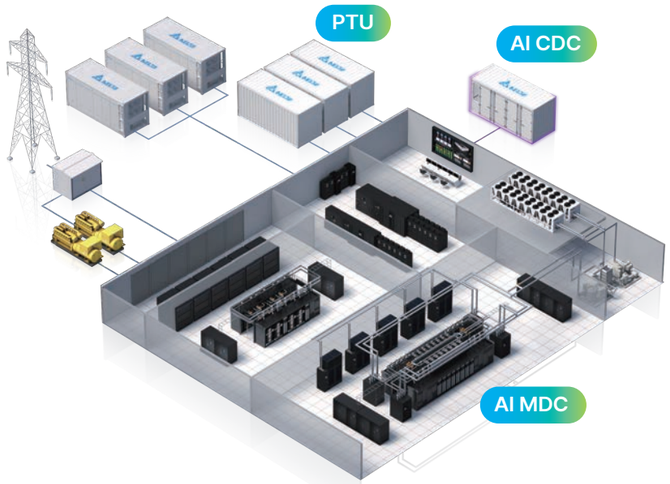
Model	L-70	L-90
Total Cooling Capacity	70 kW(1)	88.4 kW(2)
Sensible Cooling Capacity	70 kW	88.4 kW
Airflow Rate	11500 CFM	10018 CFM
DEPLOYMENT		
Maximum Water Flow Rate	133 LPM	180 LPM
Maximum Water Pressure Drop	79.98 kPa	59.98 kPa
Water Piping Connection	1 1/2 inch Flange	1 1/2 inch PT Female
Drain Piping Size	5/8 inch	3/8 inch
Fan Type and Quantity	EC fan x2	
Air Discharge Direction	Front	
POWER SUPPLY		
Nominal Power Supply Voltage	460 Vac, 3P3W	380/400/415 Vac, 3P4W+PE
Operating Voltage Range	414-506 Vac	342-456 Vac
Frequency	60 Hz	50/60 Hz
Maximum Power Consumption	8.6 kW	7.2 kW
Dual Power Feed	Standard	
PHYSICAL		
Dimensions (W x D x H)	2134 x 914 x 2896 mm (84" x36" x114")	1600 x 900 x 2150 mm (63" x 35.4" x 84.7")
Net Weight	971 kg (2140.7 lb)	494 kg (1089.1 lb)
COMMUNICATION INTERFACE		
Display	10" color LCD touchscreen	
Port	Modbus TCP (RJ45) x1, Output dry contact x1	Modbus TCP (RS-485) x1, Input dry contact x1, Output dry contact x1
ENVIRONMENT		
Operation Temperature	18 to 40.6°C	
Humidity	17.7-85%	
CONFORMANCE		
Safety	UL	CE
Seismic Rating	SDC D	GR63 ZONE4
FEATURES		
Leak Detection	Standard	
Pressure Independent Control Valves (PICV)	Standard	N/A
Drain Pump	Standard	
Remote Rack Temperature and Humidity	Optional	

(1) Cooling Capacity: At 35°C (95°F) dry bulb, 18.3°C (65°F) wet bulb (relative humidity 18%), and 21.1°C (70°F) inlet water
(2) Cooling Capacity: At 38°C (100.4°F) dry bulb, 23.9°C (75°F) wet bulb (relative humidity 31%), 10°C (50°F) inlet water and 17°C (62.6°F) outlet water
(3) Cooling Capacity: At EAT/LAT 35.6/23.3°C (96/ 74°F), EWT/LWT: 18.3/26.1°C (65/79°F)

All specifications are subject to change without prior notice.

Beyond Cooling — Engineering the Future-Ready Infrastructure

By bridging grid-to-chip energy savings and power resilience, Delta defines the benchmark for AI infrastructure. Our portfolio, spanning microgrids to in-rack solutions, delivers a unified foundation to optimize system integration and maximize operational efficiency.



In-Ranch

- AI CDC (AI Containerized Data Center)
- PTU (Power Train Unit)
- Solid-State Transformer
- Battery Energy Storage System

In-Room

- AI MDC (AI Modular Data Center)
- UPS
- Battery
- LTL CDU
- Fan Wall
- Immersion Cooling
- Static Transfer Switch
- Power Distribution Unit
- Busway
- DCIM

In-Row

- HVDC In-Row Power
- LTA CDU
- RowCool
- Remote Power Panel
- IT Rack

In-Rack

- Switch
- RDHx
- LTL CDU
- 48VDC Power Shelf
- Inverter Shelf
- BBU Shelf
- LTA CDU

In-Rail

- AI Accelerator Module
- Cold Plate

Power reliability is non-negotiable for thermal stability. Delta's mission-critical UPS and power distribution systems provide the robust energy backbone that ensures your cooling infrastructure operates with unwavering efficiency.

Power Backup: Uninterruptable Power Supply (UPS)

- Versatile 600VA–2500kVA portfolio across all form factors
- Industry-Leading 125kW/3U power modules density
- Top-Tier Efficiency: Up to 97.5% AC-AC (Monolithic model)

Power Stabilizing: Supercapacitors

- Ultra-fast surge management: 600kW/1s Instant Discharge for AI Slew Rate Mitigation

Power Distribution: From Grid to Rack

- Busway: IP68 vacuum-cast epoxy (Outdoor 250–5000A) and 99.9% copper with continuous hot-swappable slots (Indoor 250–1600A)
- PDU (stand-alone): DOE-compliant K-factor copper transformers ensure premium power quality and stability
- rPDU (In-rack): Basic, Metered, and Switched models with space-saving Zero-U installation

Power Redundancy: Seamless Source Transfer

- STS (Stand-alone) : 200–1800A rating with redundant control boards
- rSTS (In-rack): 1-phase & 3-phase options with patented SCR with parallel relay

Data Center Infrastructure Management (DCIM)

One Tool. Complexity Mastered

Delta DCIM acts as the central brain, unifying power, cooling, and IT management into one platform. It correlates thermal data with real-time workloads to help ensure peak infrastructure performance.

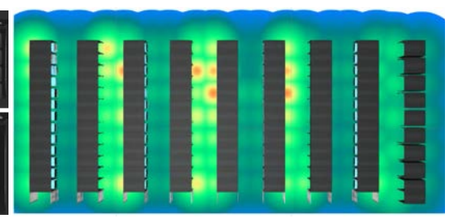
- Total visibility: Unifies the monitoring of power, cooling, security, and other facilities
- 3D visualization: Generates real-time heat maps and equipment layouts
- PUE analysis: Automates efficiency tracking and trend reporting

Smart Energy: Data-Driven Optimization

An intelligent extension to DCIM, it integrates advanced analytics to help improve energy ROI and support your carbon footprint reduction goals.

- Thermal Insights: Data-driven thermal simulations to assist with cooling management
- Sustainability Insights: Comprehensive tracking and optimization reporting for carbon footprint management and energy efficiency

Data center one-stop management



3D Thermal Simulation

About Delta — The Engineering Pedigree

World-Leading Power & Thermal Mastery

True innovation is a legacy of rigorous engineering. Founded in 1971, Delta has evolved from a specialist component manufacturer into a global leader in high-efficiency total solutions. Today, guided by our mission—"To provide innovative, clean, and energy-efficient solutions for a better tomorrow"—we leverage our DNA as the world's No. 1 provider of switching power supplies, telecom power systems and DC brushless fans to pioneer the next generation of energy saving thermal management.

ESG Excellence

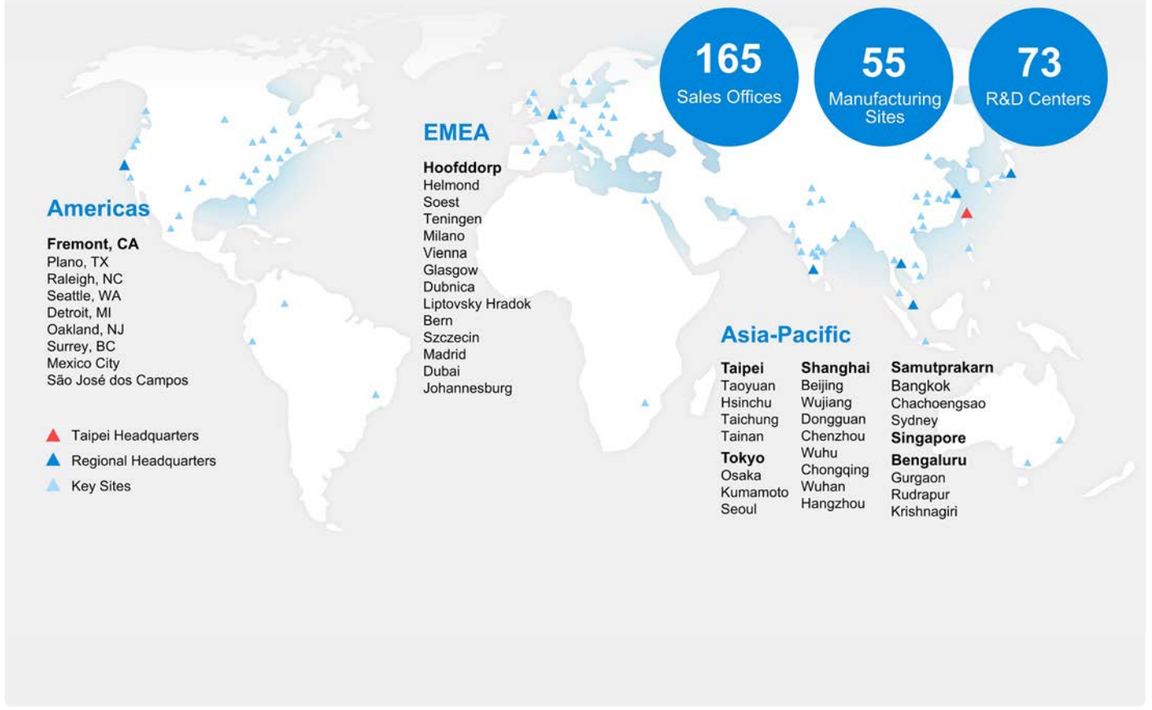
As a global total solutions provider, Delta synergizes expertise across Power Electronics, Mobility, Automation, and Infrastructure to drive industrial transformation through world-leading energy-saving technologies. Committed to Net Zero by 2050, our ESG leadership is underscored by 14 consecutive years on the DJSI World Index, five CDP Double 'A' ratings for climate and water security, and over eight years as a CDP Supplier Engagement Leader. At Delta, we don't just innovate; we empower a sustainable future.

S&P Global · CDP A List 2025 · CDP A List 2025 · MSCI 2024 MSCI ESG Leaders Indexes Constituent · Corporate ESG Performance Prime RATED BY ISS ESG · FTSE4Good TIP Taiwan ESG Index · TIP TAIWAN INDEX PLUS

Global Reach, Local Impact

To support mission-critical operations worldwide, Delta's robust global network combines large-scale manufacturing with localized engineering expertise. Our extensive footprint ensures rapid response, supply chain resilience, and seamless project execution across every continent.

- **73** R&D Centers: We reinvest over **8-10%** of annual sales revenue into R&D with over **12,000** engineers to maintain our technical edge
- **55** Manufacturing Facilities: State-of-the-art production hubs ensure stable global supply and quality
- **165** Sales Offices: Dedicated local teams provide on-site technical support and customized service.



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