LDWW Rack Mount
Coolant Distribution Unit (CDU)



Litech Rack Mount Coolant Distribution Unit (CDU) is a critical component for effective thermal management in modern IT environments. With its ability to enhance cooling efficiency, optimize space, and improve system reliability, this unit is essential in data centers, telecommunications, and high-performance computing facilities. By incorporating a Rack Mount CDU into your cooling infrastructure, you can ensure that your systems operate at peak performance while minimizing the risks associated with overheating.

FEATURES

- Dual pump redundancy design that seamlessly activates the standby pump in the event of a primary pump failure.
- Incorporates a high-efficiency stainless steel plate heat exchanger characterized by a compact design and exceptional corrosion resistance.
- Equipped with an intelligent PLC control program which offers real-time monitoring and stable operation.
- Advanced fault diagnosis made easy with straightforward operation and maintenance.
- Support Modbus RTU, optional TCP/IP.

Product Specification

Specification and models	LDWW30-20C	LDWW50-25C
Refrigeration capacity (kW)	30	50
Secondary side supply/return water (°C)	40/50	
Secondary side flow (m³/h)	2.6	4.4
Secondary side interface (DN)	DN20	DN25
Primary side supply/return water (°C)	35/45	
Primary side interface (DN)	DN20	DN25
Rated power (kW)	1.6	2
Primary side pressure drop (kPA)	≤80	
Power supply system	208V-240V/1Ph/50Hz	
	208V-240V/1Ph/60Hz	
Unit size (W*D*H) (mm)	440 x 900 x 177 (4U)	440 x 900 x 265 (6U)

Ordering Information

Part Number	Description
LDWW30-20C	30kW LDWW Rack Mount Coolant Distribution Unit
LDWW50-25C	50kW LDWW Rack Mount Coolant Distribution Unit

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