



Vertiv™ Liebert® DCD

Product Brochure



Eliminate High Heat Density at the Source

The Vertiv™ Liebert® DCD rear-door heat exchanger is designed to provide a highly efficient room-neutral cooling solution to high-density IT applications up to 50kW per rack. Increased airflow provided by the optional active fan module removes stress from the critical IT equipment inside the rack and ensures high, efficient, and scalable cooling availability.

*Increase your efficiency,
save money and space!*



Low Power Requirements

Unlike traditional cooling solutions, the Vertiv™ Liebert® DCD has no fans to provide airflow, utilizing the server fans to move the air, making it the most energy efficient cooling solution Vertiv has to offer. An optional Active Fan Module with high efficiency EC fans is available for increased airflow if required.



Flexible Installation

Uses existing building chilled water or can be paired with a Vertiv™ coolant distribution unit (CDU) to provide more accurate water temperatures, increasing system efficiency and avoiding condensation.



Built to Last

With few moving parts, the Liebert® DCD rear door is designed for a long life, ensuring peace of mind for critical IT equipment.



**Say Goodbye to Rigid Infrastructure,
Say Hello to System Scalability**

Meet changing demands

With 0 to 100% cooling capacity modulation, the Liebert® DCD can manage every change in demand as usage increases and heat varies throughout the day. By matching cooling capacity as it's needed, the Liebert DCD provides peace of mind for critical business operation.

Scale with ease!

The Vertiv™ Liebert® DCD rack-mounted rear door heat exchanger makes it easy to scale with growing business needs without needing to redesign the data center.

Available in Multiple Configurations

Capacities: 35kW / 47kW / 50kW* • **Widths:** 600mm / 800mm • **Heights:** 2000mm / 2200mm

Scalable Cooling Capacity

Each model is capable of 0-100% scalability, meeting the ever-changing demands of the system at all times and providing high cooling availability.

Uses Zero White Space

Mounts directly on the rear of the rack, replacing the rear door and saving valuable floor space additional critical IT equipment.

Available Flow Control

Add on a flow control valve to dial in the chilled water flow rate and increase efficiency and reduce operational costs.

Room-Neutral Cooling

By removing the heat at the rack and delivering room temperature air from the rack, the Liebert® DCD eliminates the potential of hot spots being created by the rack, reducing the strain on the whole system.



Liebert® DCD50 only available in 800mm width.

Monitor & Control

The active module is available with monitoring and control capabilities, further increasing the reliability, efficiency, and longevity of the system, all while providing more peace of mind.

Chilled Water Connections

With multiple chilled water connection options, the Liebert DCD provides more flexibility during installation, allowing the unit to be installed in locations with or without a raised floor.

180° Door Swing

Passive unit doors swing open 180°, allowing for easy access to equipment inside the rack.

Low Maintenance

With few moving parts, the Liebert DCD has very low maintenance, reducing the total cost of ownership and increasing reliability.

Build Your Total Infrastructure Solution with Vertiv

Discover expert designed IT infrastructure solutions with proven success in diverse environments and countless applications.

BEGIN WITH A RACK

Vertiv™ Racks

Server racks designed to simplify equipment installation and provide an additional 6cm of useable depth.

REGULATE THE FLOW

Vertiv™ Liebert® DCP

Isolate the chilled water loop and dial in temperature and flow rate to maximize the sensible cooling capacity of the units.

DISTRIBUTE THE POWER

Vertiv™ Geist™ Rack PDU

Reliable power distribution from basic to outlet level remote monitoring and management providing the highest level of power reliability, visibility, and control.

STAY COOL

Vertiv™ Liebert® DCD

With increasing heat densities, keeping the IT equipment running at optimal temperatures is more important than ever. Ensure peace of mind with highly efficient, room-neutral cooling.



Easy Integration



Fully Customizable for your IT Needs



Worry-Free Operation with Remote Monitoring



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