

Carrier

QuantumLeap™

Carrier CDUs

Another Carrier QuantumLeap™
Data Center Solution

65LL
1.3MW

65LL
2.6MW

Available in 1350 kW, scaled monobloc and skid designs up to 5 MW

A leap forward in thermal system efficiency

As you look to meet growing demands for performance, sustainability and resilience, Carrier is adding to our QuantumLeap Data Center Solutions to make it happen. Carrier Coolant Distribution Units (CDUs) feature high-efficiency heat exchangers that **can achieve approach temperatures as low as 3.6°F (2°C) – a reduction from the industry's more common 7.2°F (4°C). This innovative design can achieve up to 15% chiller energy savings,*** allowing you to devote more energy to your servers rather than the equipment that helps keep them cool.



Benefits at a glance



Supports consistent uptime and operational stability with:

- Hot-swappable and redundant components
- An in-unit Uninterruptible Power Supply (UPS)
- An Automatic Transfer Switch (ATS)**
- The ability to group units



Experience faster, easier deployment with a fully configurable, factory-assembled, pre-wired and factory-tested unit designed for plug-and-play operation.



Gain insight into your operations with continuous monitoring and real-time system status updates.



Enjoy simplified maintenance with easy access to components and a compact cabinet that fits easily into mechanical galleries.



Scale as your needs change with an integrated design that can be seamlessly added to an existing system.



Streamline system management with integrated and intuitive SmartVu™ Controls for Automated Logic (ALC) and third-party Building Automation Systems (BAS).



Get the units you need, when and where you need them, thanks to Carrier's global design and manufacturing footprint.

Carrier QuantumLeap Integrated Data Center Solutions

bring you a comprehensive suite of innovations designed to help meet your operational goals and business objectives. Learn more at carrier.com/datacenters.

*With high-efficiency heat exchanger option.

**Some components are configurable options.

Carrier CDUs: More options. More advantages.

To help meet your operational goals and business objectives, Carrier CDUs are available in multiple capacities and customizations.

Optimized Thermal and Hydronic Performance

- High-efficiency heat exchanger can provide improved chiller efficiency for lower cooling costs of Direct-to-Chip (DtC) systems
- Can reduce facility pump power consumption via low pressure drop design

Application and Service Flexibility

- Compact cabinet is ideal for mechanical gallery placement
- Easy access for setup and service flexibility
- Optional side-monitor mounting position allows for greater layout flexibility

Portfolio, Manufacturing and Service Scale

- Single global design with multi-region manufacturing for streamlined vendor management
- Manufacturing capability and scale help meet critical requirements for customers globally
- A complete range of solutions covering thermal equipment, management solutions and service – all from a single supplier

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Carrier QuantumLeap™ Data Center Solutions

The CDUs are part of Carrier QuantumLeap, a comprehensive suite of innovations designed to help maximize performance and energy efficiency in your data center.

 Nlyte Software
AutomatedLogic



Intelligent, Integrated Management Solutions, including Automated Logic's WebCTRL® and Nlyte's DCIM software solutions, bring together building and IT infrastructure for greater efficiency and optimization.



High-Performing HVAC Equipment delivers essential cooling while reducing your energy consumption and helping to achieve your carbon reduction goals.



Complete Lifecycle Service and Support provides peace of mind and helps enable continuous operations around the clock, and around the globe.

Connect with Carrier to get started

For more information about Carrier CDUs and QuantumLeap Data Center Solutions, and to connect with a Carrier data center expert, visit carrier.com/datacenters.

