

# Vertiv™ installation services

In-rack liquid-to-liquid coolant distribution unit



## Start quickly, Stay running

Vertiv Professional Installation Services certifies installation accuracy and minimizes project delays in your critical facility operations. Proper engineering and execution of equipment installation helps prevent costly project delays. Most early equipment failures can be traced to deficiencies in design, installation, or startup procedures. By utilizing Vertiv technicians, tools, and quality products, you can achieve quick startup and maintain continuous operation. Implementing end-to-end Vertiv products, installation, and startup services enhances the reliability of your system's critical infrastructure, maximizing the performance of your liquid cooling system.

### Let Vertiv start the flow

**Project management:** Dedicated contact oversees project, coordinates schedules, resources, and deliveries to meet customer expectations efficiently.

**Engineering services:** Conducts site assessments if needed and provides detailed installation specifications.

Provide detailed Method of Procedure, secure customer approval of process before starting, and verify site readiness.

**Cooling connections:** Install connections of customer-selected secondary fluid piping for cooling, maintaining accessible, properly fitted connections per specifications.

**Fluid and filling:** Provide customer specified coolant and properly fill secondary fluid network. (Optional)

**Power, sensors and communication:** Connect CDU power, install temperature, humidity, and leak sensors, terminate communication cables to controllers for system integration.

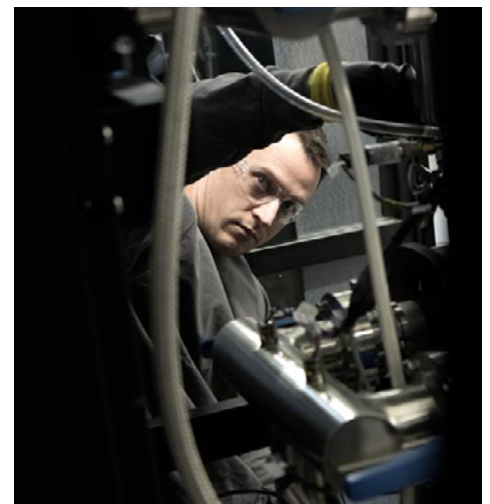
**CDU Programming:** Configure customer specific parameters and settings for optimum system performance.

### Vertiv™ CoolChip CDU installation procedure

1. Mount the unit in customer's rack.
2. Connect AC power to PDU e/w rack.
3. Install customer provided secondary hoses. (Vertiv hose kits available)
4. Install temp and humidity sensor and leak detection sensor (if applicable).
5. Connect customer provided communication cable.
6. Customer to provide and connect primary hoses to unit.
7. Provide fluid and filling (optional).
8. Power on unit and configure customer parameters.

## Benefits

- Expert service: Experienced technicians deliver high-quality, reliable installations.
- Seamless startup: Enables proper configuration and smooth equipment startup.
- Reduces risk of Thermal System malfunction and server shutdown.
- Enhanced reliability: Expert installation reduces errors, providing optimal equipment performance.
- Reduced delays: Vertiv provides timely project completion, minimizing disruptions.
- Backed by Vertiv's engineering and service expertise.



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