

Direct Liquid Cooling (DLC) Platform based modular solutions

Liquid-to-Air Solutions



70 kW
RDHex

Liquid-to-Liquid Solutions



150 kW
CDU In-Rack



> 1 MW
CDU In-Row

Main features and benefits:

- Modular concept with similar architecture for all units
- Redundant pump units
- Fail safe mode for pumps (and fans)
- Leakage monitoring on component base
- Sensors hot-swappable
- Controller hot-swappable
- Pumps of CDU In-Row hot-swappable
- Customised manifolds
- Powered via DC busbar



Empowering AI:

Unleashing the potential with cutting edge infrastructure

The most efficient cooling for your application

Optimise the performance of your data centre with direct liquid cooling. Rittal supports you in all application areas with targeted, optimised and modular solutions for your liquid-cooled servers. Whether you have a water supply in your data centre or not, we offer you a solution.

Our CDU (Coolant Distribution Unit) portfolio is available as an air-assisted (liquid-to-air) solution in form of a rear door heat exchanger. We also offer a liquid-to-liquid "in-rack" solution, as well as an "in-row" solution for very high power densities in your data centre.

ENCLOSURES

POWER DISTRIBUTION

CLIMATE CONTROL

IT INFRASTRUCTURE

SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



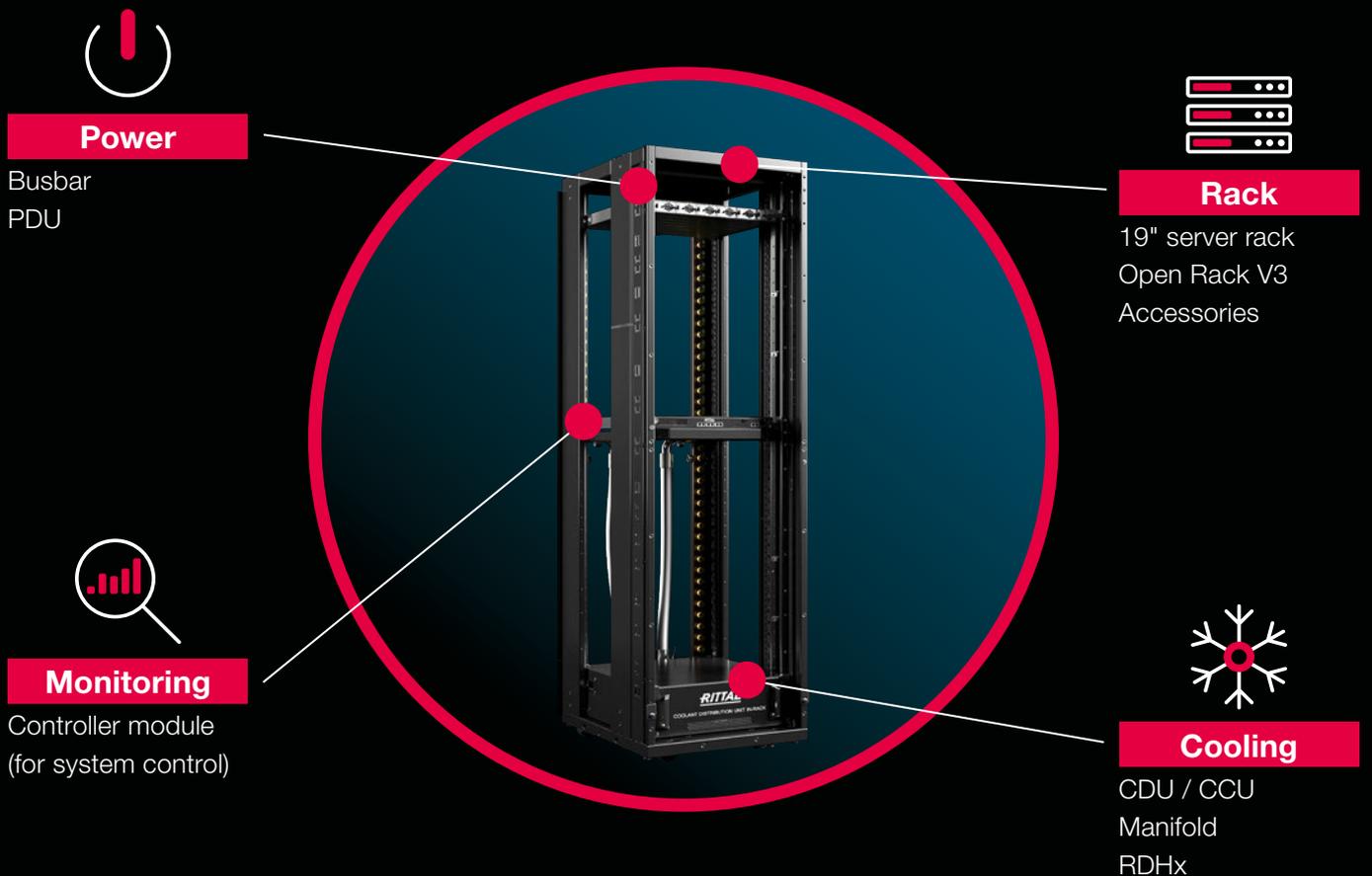
Your benefits:



- Rittal as a solution provider for the complete IT infrastructure:
Rack, Power, Cooling and Monitoring
- Modular solutions based on a single platform
- High reliability thanks to redundancy of critical components
- Easy serviceability: Important components can be replaced during operation
- Global availability and footprint, logistic and high production capacities

All-in-one solution from Rittal

Our advanced cooling technology is perfectly matched to our IT infrastructure – rack, power and monitoring.
One modular and scalable system architecture that empowers your IT requirements.



Your contact:

dlc-experts@rittal.de