

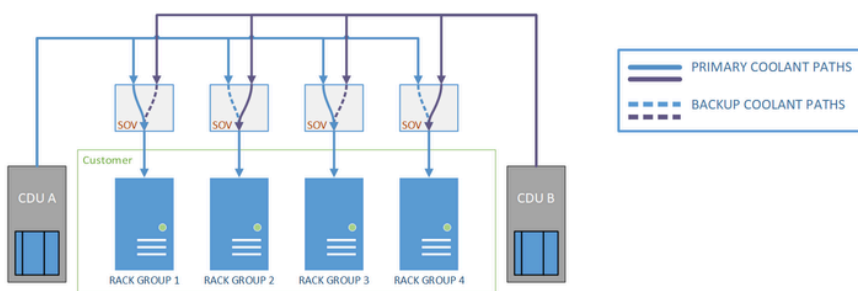
DESIGNED FOR ON-PREM & COLOCATION DATA CENTERS

Chillydyne's Liquid Cooling Starter Kit cools up to a 500 kW of heat load in high-density racks with zero-leak liquid cooling. Its negative pressure technology eliminates downtime from coolant leaks by using vacuum circulation instead of pumps. Intelligent controls fully automate coolant management while seamless software integration enables remote monitoring and control.

KEY FEATURES

- Eliminates leaks by circulating coolant under negative pressure
- Dual redundant cooling feeds to every rack with automatic switchover valves
- Coolant flow up to 100 liters per minute (lpm) per rack, supporting 150 kW cooling per rack
- Removal of 375 kW of heat with 80% heat capture into liquid (500 kW with 60% heat capture)
- Automatically monitors and optimizes coolant quality and temperature
- Flexible under-floor or overhead installation
- Rack-sized chassis fits anywhere in the data center
- DCIM and BMS integrations support SNMP, Modbus, Syslog, Web API, and more

A/B REDUNDANT SWITCHOVER ARRANGEMENT



Liquid Cooling Starter Kit Includes:

- 2x CF-CDU300 Cooling Distribution Units (CDUs)
- Cold plates rated up to 2,000 watts
- Automatic switchover valves



ZERO-LEAK LIQUID COOLING

Negative pressure technology



DIRECT-TO-CHIP

Up to 2,000 watt CPUs/GPUs



ENERGY EFFICIENT

375 kW of heat removal



FAIL-SAFE DESIGN

Resilient and redundant

Chillydyne's innovative negative pressure technology creates a vacuum to circulate water by pulling it through the cooling system. This approach removes the need for costly, heavy-duty plumbing to the racks, ensures easy setup and upkeep, and eliminates leaks in a system with no single point of failure.