

A dynamic, high-speed photograph of a water splash, creating a sense of movement and freshness. The water is captured in various stages of splashing, with droplets and streams of water visible against a light blue background. The overall tone is clean and refreshing, emphasizing the liquid nature of the product.

Liquid Cooling Products and Solutions

CorefloX

COREFLOX SG PTE. LTD.



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Company Profile

CorefloX is a technology-leading ICT cooling product and solution provider, integrating industrial research and development, solution provision, and full lifecycle services of cooling technology into one high-tech manufacturing enterprise.

At CorefloX, our mission is to deliver innovative cloud solutions to International Hyperscaler and Colo. By providing our scalable cooling infrastructure to operate efficiently and securely, we are committed to stay agile in the face of change, turning challenges into opportunities for growth.

Cold Plate Liquid Cooling Product -CF-LB

Cold Plate Liquid Cooling Load Bank JLLB-30



Product Feature

- Temperature protection, overpressure trip off
- Hygiene pipe with fine filtration
- Server pressure drop simulator
- No PTFE tape, good air tightness
- Power adjustable, matchable elec. connections
- HMI, showing real time data
- Leakage detection
- High safety, leakage detection, RCD, overtemperature alarm (80oC), earthed, overvoltage protection, etc

Cold Plate Liquid Cooling Load Bank

Model	CF-JLLB-30
Rated heat capacity kW	30
Height x Width x Depth mm	267x432x719
Utility	AC220
Max. Pressure bar	10
Air tightness	1.2MPa PD, 2 hours no leakage
Simulated pressure drop	Adjustable
Insulation Class	F
Inlet liquid temperature range °C	5-75

- Pressure drop calibration before delivery base on server condition, such as 27LPM@40kPa
- Pictures for reference only

Cold Plate Liquid cooling Product -CF-LB

Cold Plate Liquid-Cooled Load Cabinet CF-LC-DLC-180



Product Feature

- **Accurate Simulation Operation:** It can equivalently simulate the actual heating power, electrical load and liquid flow resistance characteristics of the cold-plate liquid-cooled entire cabinet, ensuring that the test scenario is highly consistent with the actual application scenario.
- **Full-Dimensional Interface Compatibility:** The electrical interfaces and liquid routing interfaces strictly match the specifications of the cold-plate liquid-cooled entire cabinet, ensuring the accuracy and compatibility during the testing process.
- **Wide Power Adjustment:** It supports power adjustment in the range of 0-180kW. A single dummy load can achieve precise adjustment at each level within the range of 0-30kW, meeting different test power requirements.
- **Multiple Safety Protections:** It is equipped with alarm functions for over-temperature, over-pressure, under-pressure, abnormal flow and other conditions. After an over-pressure or over-temperature alarm is triggered, the unit will shut down automatically, and there are clear electrical safety operation specifications.
- **Data Exportable:** It supports exporting historical operation data via USB flash drive, and the optional TCP/IP data upload function facilitates subsequent data review and analysis.

Cold Plate Liquid-Cooled Load Cabinet

Model	CF-LC-DLC-180
Power supply	400Vac-50Hz-3P+N+PE
Rated Power	180kW
Electrical Interface	Inside: 63A CEEFORM Socket*6 Outside: 63A CEEFORM Plug*6
Applicable Server	Server racks of GB200, GB300, or other types with a power rating of $\leq 180\text{kW}$
Loading Method	Manual Loading
Temperature Range	5-75 °C
Pressure Rating	1.0MPa
Sensor Accuracy	Class 0.5
Protection grade	IP20, Indoor
Form Factor	48U
External Dimensions	600mm *1400mm *2200mm
Weight	About 600kg
Color	RAL9005 Black
Data export	USB flash drive (with optional TCP/IP data upload function)



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