

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-FCDU

Room Level CDU CF-FCDU-400/600



Product Feature

- **High efficiency energy saving:** Annually free cooling ultra low energy consumption
- **High reliability:** Key components redundancy, condensation protection, pump and valve function keeps, dual power supply during switch over without shutdown, leakage detection
- **Smart control:** Multi-mode, pressure diff. control, flow rate control, cold standby, hot standby, independent operation, group control, local/remote control, group control
- **High compatibility:** CPU plus GPU cold plate liquid cooling combined application
- **High availability:** Wide range cooling capacity, pressure drop adjustable, step-less control
- **High flexibility:** Multi optional function available. Pipe direction, filter class, communication, etc
- **Integrated design:** Complex function, can achieve high head, huge volume, applied for large size loop network
- **Easy maintenance:** Wide range maintenance can be realized, reasonable internal layout and easy to maintain, and online automatic refilling can be realized
- **High cleanliness:** Hygiene pipe with fine filtration
- **Communication:** RS485, RJ45
- **Protocol:** Modbus, TCP, UDP

Room Level CDU

Model	CF-FCDU-400	CF-FCDU-600
Rated heat transfer capacity kW	400	600
Net Weight kg	930	1300
H x W x D m	2.2x1.4x0.9	2.2×1.6×1.0
Power supply	AC380	AC380

Secondary Loop Technical Data

Coolant	DI water	
Rated supply/return temperature °C	40/45	40/45
Rated supply/return pipe connection	DN100	DN100
Rated liquid flow rate L/min	1160	1740
Max. Pressure bar	10	10

Primary Loop Technical Data

Coolant	PG30	
Rated supply/return temperature °C	35/40	35/40
Rated supply/return pipe connection	DN100	DN100
Allowable coolant supply temperature range °C	8-35	8-35
Allowable coolant supply temperature range °C	10	10

- According to the actual load of the customer, the temperature, pressure drop and flow rate of the secondary loop can be adjusted automatically.
- CDU technical data can be calculated according to the customer's real conditions.
- Pictures for reference only



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