

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.

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-GCDU

Row Level CDU CF-GCDU-300/340/370/410



Product Feature

- **High efficiency energy saving:** Annually free cooling ultra low energy consumption
- **High reliability:** Key components redundancy, condensation protection, circulation pump, valve keeps function. Dual power input, 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
- **Modular design:** Combined cabinet installation
- **Easy maintenance:** Reasonable internal layout, frontal and rear access, automatic online refilling
- **High cleanliness:** Hygiene pipe with fine filtration
- **Communication:** RS485, RJ45
- **Protocol:** Modbus, TCP, UDP

Row Level CDU

Model	CF-GCDU-300	CF-GCDU-340	CF-GCDU-370	CF-GCDU-410
Rated heat transfer capacity kW	300	340	370	410
Net Weight kg	670	720	670	720
H x W x D m	2.2x0.6x1.2	2.2x0.6x1.2	2.2x0.6x1.2	2.2x0.6x1.2
Power supply	AC380	AC380	AC380	AC380

Secondary Loop Technical Data

Coolant	DI water			
Rated supply/return temperature °C	40/50	40/50	40/50	40/50
Rated supply/return pipe connection	DN65	DN65	DN65	DN65
Rated liquid flow rate L/min	436	494	537	595
Max. Pressure bar	10	10	10	10

Primary Loop Technical Data

Coolant	DI water			
Rated supply/return temperature °C	35/45	35/45	35/45	35/45
Rated supply/return pipe connection	DN65	DN65	DN65	DN65
Allowable coolant supply temperature range °C	8-35	8-35	8-35	8-35
Max. Pressure bar	10	10	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

Cold Plate Liquid Cooling Product -CFUS-GCDU

Row Level CDU CFUS-GCDU-600/1000/1250/1700



Product Feature

- **High efficiency energy saving:** Annually free cooling ultra low energy consumption
- **High reliability:** Key components redundancy, condensation protection, circulation pump, valve keeps function. Dual power input, 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
- **Modular design:** Combined cabinet installation
- **Easy maintenance:** Reasonable internal layout, frontal and rear access, automatic online refilling
- **High cleanliness:** Hygiene pipe with fine filtration
- **Communication:** RS485, RJ45
- **Protocol:** Modbus, TCP, UDP
- **Available worldwide:** It complies with CE and UL certification standards, and can be designed, tested and supplied globally

Row Level CDU

Model	CFUS-GCDU-600	CFUS-GCDU-1000	CFUS-GCDU-1250	CFUS-GCDU-1700
Rated heat transfer capacity kW	600	1000	1250	1700
Net Weight kg	725	805	1000	1130
H x W x D m	2.2x0.6x1.2	2.2x0.6x1.2	2.05x0.9x1.2	2.05x0.9x1.2
Power supply	AC480/AC380	AC480/AC380	AC480/AC380	AC480/AC380

Secondary Loop Technical Data

Coolant	DI water			
Rated supply/return temperature °C	35/50	35/50	35/50	35/50
Rated supply/return pipe connection	DN80	DN80	DN100	DN100
Rated liquid flow rate L/min	580	967	1209	1644
Max. Pressure bar	10	10	10	10

Primary Loop Technical Data

Coolant	DI water			
Rated supply/return temperature °C	31/42	31/42	31/42	31/42
Rated supply/return pipe connection	DN80	DN80	DN100	DN100
Allowable coolant supply temperature range °C	8-35	8-35	8-35	8-35
Max. Pressure bar	10	10	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



COREFLOX SG PTE. LTD.

6 RAFFLES QUAY,#14-02,SINGAPORE

M: +852 5424 3851

W: <https://coreflox.net>

E: marketing@coreflox.net