



Coolinside Full Chain Liquid Cooling Solution

Overall cooling from inside to outside
Direct-to-Chip full chain liquid cooling solution
Immersion full chain liquid cooling solution

Strong R&D
In-house Production

- Cold Plate
- Electronics Cooling
- Quick Disconnect
- Cabinet
- Secondary Loop
- CDU
- Solving Long-lasting Coolant
- Cold Source

Comprehensive Detection
Intelligent Control
Quick Delivery



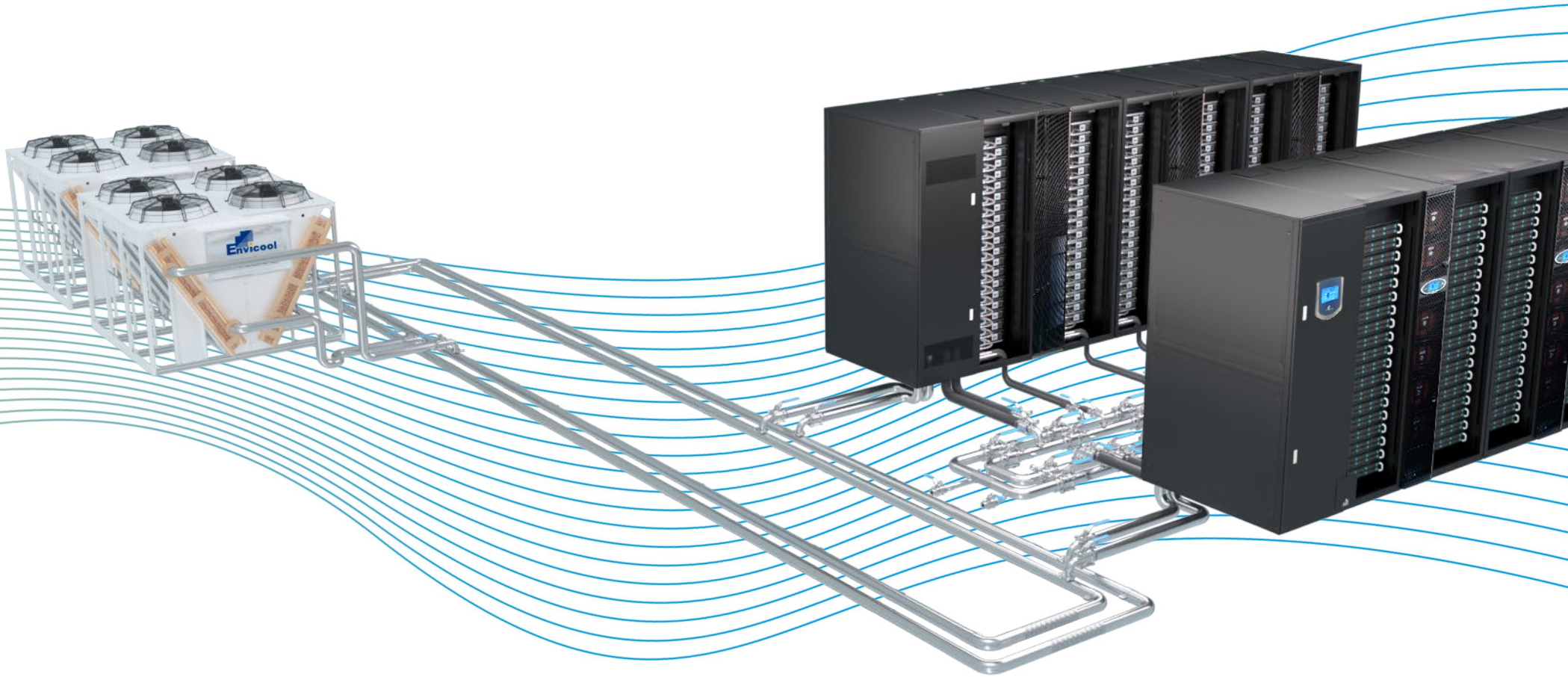
Shenzhen Envicool Technology Co., Ltd.

- ✉ intlsales@envicool.com
- ☎ 86-755-66833272
- 🌐 www.envicool.com
- 📍 Hongxin Industrial Park, Guanlan, Longhua District, Shenzhen, China 518110

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Full Chain Liquid Cooling Solution



Overall Cooling from Inside to Outside



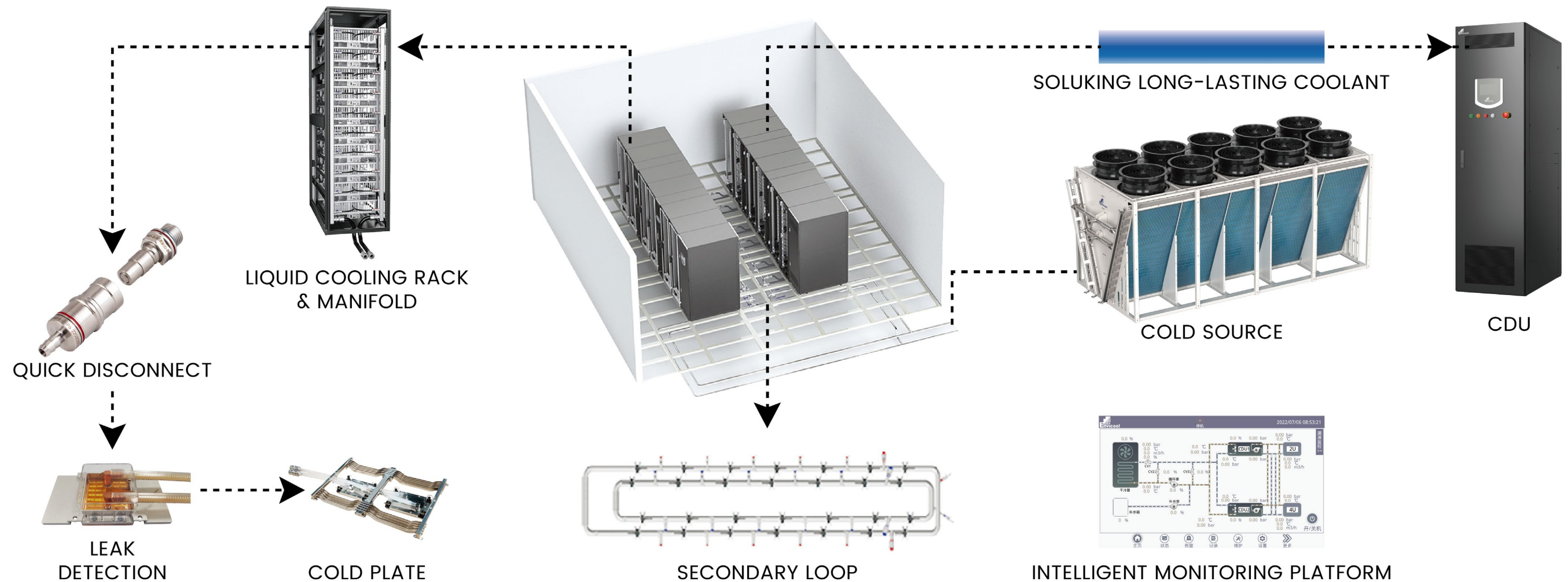
Integrated high-efficient variable frequency pump and warm-water-cooling technology, making full use of natural cold source



High flexible solutions configured for different application scenarios



Modularized and factory prefabricated design for immediate use on site after rapid deployment and installation



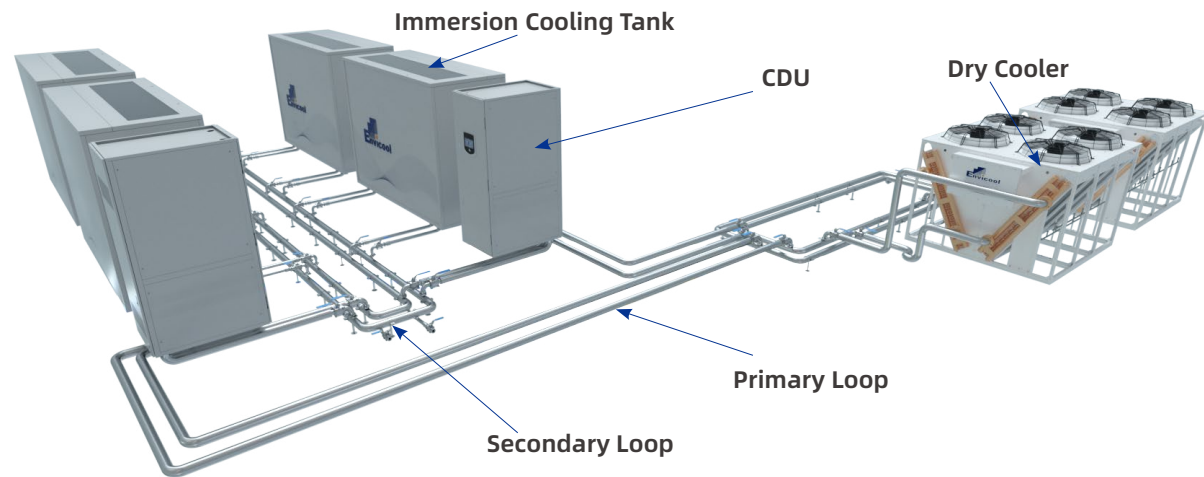
Direct-to-Chip Full Chain Liquid Cooling Solution

- High reliability, integrated automatic liquid rehydration device, liquid leak detection component, anti-condensation control logic, etc. to ensure safe and stable operation of the equipment
- Support online maintenance of key components such as water pump and filter, anti-condensation
- Suitable for centralized and distributed liquid cooling systems
- Wide range of cooling capacity, automatically adjust the output cooling capacity according to the end load change

Immersion Full Chain Liquid Cooling Solution

Immersion liquid cooling technology is a new cooling technology that uses liquid instead of air as the cooling medium. Its main feature is that the liquid as coolant is in direct contact with the heat source. Compared with air, liquid has better heat transfer characteristics (greater specific heat capacity and higher thermal conductivity). Therefore, compared with the traditional air cooling system, the liquid cooling system has the advantages of high heat exchange efficiency and low cooling energy consumption. According to whether the liquid phase changes during the heat exchange process, it can be divided into two forms: phase-change immersion liquid cooling and single-phase immersion liquid cooling.

Modular Liquid Cooling System



- Modular liquid cooling system: composed of CDU and cabinet
- The CDU integrates the coolant circulation pump, heat exchanger, filter, controller and sensors, realizing the intelligent control of the liquid cooling system
- The quantity of CDU, cabinet, and dry cooler can be flexibly matched to different application scenarios
- Suitable for single-phase immersion liquid cooling system applications

Product Specification

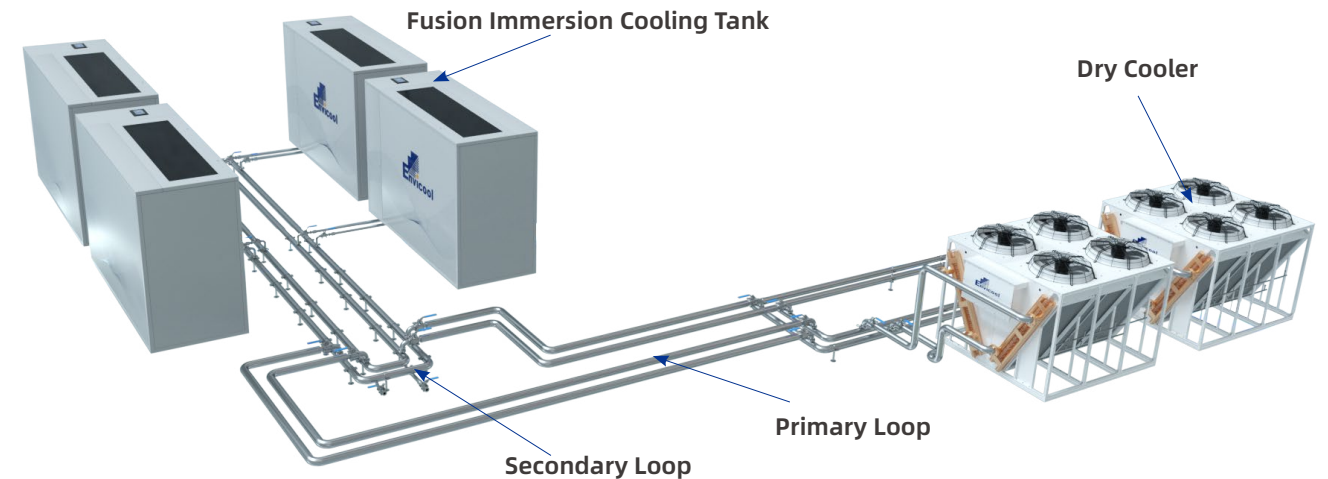
Coolinside Cabinet (Single-phase Immersion)			
Model	TK21C30F3	TK42C60F3	TK52C80F3
Cabinet Capacity (U)	21	42	52
Equipment Specifications for IT	19 inch depth ≤ 900mm	19 inch depth ≤ 900mm	19 inch depth ≤ 900mm
Power of IT Devices (kW)	10~30	20~60	25~80
Liquid Volume (L)	280~420	560~840	690~1000
External Dimensions-L*W*H (mm)	1050*800*1250	2100*800*1250	2550*800*1250
Net Weight (kg)	200	400	550

Coolinside Liquid CDU				
Model	CDU80J5S3	CDU120J5S3	CDU200J5S3	CDU320J5S3
Power of IT Devices (kW)	80	120	200	320
Number of Coolant Pumps	1	1	1	1
Circulation Volume (m³/h)	36/32	54/49	90/81	144/130
Coolant	Oil / fluorinated liquid	Oil / fluorinated liquid	Oil / fluorinated liquid	Oil / fluorinated liquid
Power Supply	380V 3P 50Hz	380V 3P 50Hz	380V 3P 50Hz	380V 3P 50Hz
Cold Source Demand	Chilled water	Chilled water	Chilled water	Chilled water
	Supply water temp. ≤ 35°C	Supply water temp. ≤ 35°C	Supply water temp. ≤ 35°C	Supply water temp. ≤ 35°C
	Flow ≥ 241L/min	Flow ≥ 362L/min	Flow ≥ 602L/min	Flow ≥ 965L/min
External Dimensions-L*W*H (mm)	1000*800*1500	1200*800*1500	1500*1000*1800	1600*1200*1800
Net Weight (kg)	400	500	650	850

Advantages

- Rapid deployment, reduce on-site construction and shorten deployment period
- Efficient cooling to meet the needs of high performance computing
- Green and energy saving, greatly reducing the power consumption
- Noise and vibration reduction by removing the fans in the data center room
- Safe and reliable as the characteristics of the coolant
- Simplified system design to reduce failure rate

Integrated Liquid Cooling Cabinet



- Various functions of CDU are integrated in the cabinet
- Integrated cabinet module is relatively independent, flexible deployment and convenient for later expansion
- Suitable for single-phase or phase-transition immersion liquid cooling systems
- Integrated design, highly productized, greatly reducing on-site construction and realizing rapid deployment
- Suitable for applications such as small data centers, edge nodes, and communication base stations

Product Specification

Coolinside Integrated Cabinet (Single-phase Immersion)			
Model	TK11510F3	TK20520F3	TK32535F3
Cabinet Capacity (U)	11	21	32
Equipment Specifications for IT	19 inch depth ≤ 900mm	19 inch depth ≤ 900mm	19 inch depth ≤ 900mm
Power of IT Devices (kW)	10	20	35
Coolant	Oil/Fluorinated liquid	Oil/Fluorinated liquid	Oil/Fluorinated liquid
Power Supply	380V 3P 50Hz	380V 3P 50Hz	380V 3P 50Hz
Cold Source Demand	Chilled water	Chilled water	Chilled water
	Supply water temp. ≤ 35°C	Supply water temp. ≤ 35°C	Supply water temp. ≤ 35°C
	Flow ≥ 241L/min	Flow ≥ 362L/min	Flow ≥ 602L/min
External Dimensions-L*W*H (mm)	1000*800*1300	1550*800*1300	2100*800*1300
Net Weight (kg)	220	300	400

Coolinside Integrated Cabinet (Phase-change Immersion)			
Model	TK21D50F3	TK32D80F3	TK42D100F3
Cabinet Capacity (U)	21	32	42
Equipment Specifications for IT	19 inch depth ≤ 900mm	19 inch depth ≤ 900mm	19 inch depth ≤ 900mm
Power of IT Devices (kW)	50	80	100
Coolant	Fluorinated liquid	Fluorinated liquid	Fluorinated liquid
Power Supply	380V 3P 50Hz	380V 3P 50Hz	380V 3P 50Hz
Cold Source Demand	Supply water temp. ≤ 35°C	Supply water temp. ≤ 35°C	Supply water temp. ≤ 35°C
	Flow ≥ 72L/min	Flow ≥ 144L/min	Flow ≥ 179L/min
External Dimensions-L*W*H (mm)	1100*880*1550	1650*880*1550	2250*880*1550
Net Weight (kg)	320	450	600

Independent R&D · Production



Dust-free workshop
Strict production
process



MES system, efficient
management of
production quality and
delivery cycle



Independent design,
production and
assembly

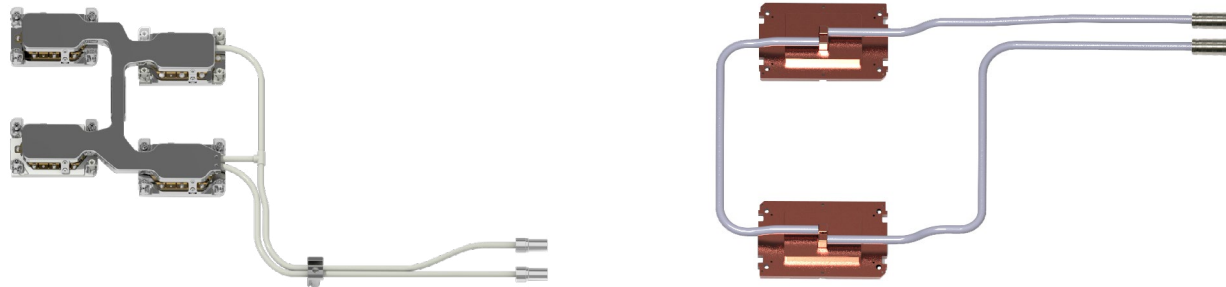
Cold plate

Server Module

Thermal conductive silicone grease is filled between the cold plate and the chip to introduce heat into the cold plate, and then heat is taken away by the flowing liquid to achieve the purpose of cooling the chip. In the data center application, the energy consumption can be greatly reduced.

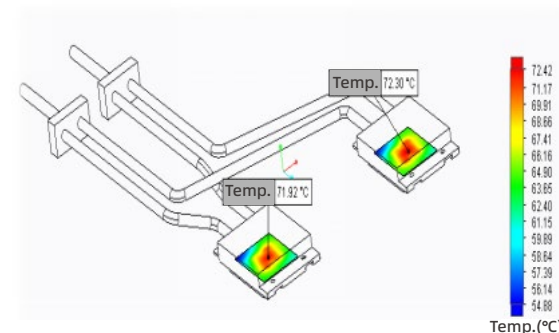
Applications

CPU, GPU, memory-chip, etc.



Features

- Flow channel is designed inside the cold plate to dissipate heat to the CPU and other chips through liquid flow circulation
- Optional customized shape and size
- High reliability, with characteristic of tight sealing, corrosion resistance and leak proof design
- High heat dissipation power, good temperature uniformity, low thermal resistance and low flow resistance
- CFD technology: optimize the design of cold plate flow channel by accurately locating the hot spots of CPU and GPU



Power Electronic Cold Plate

The heat dissipation problem can be solved by designing corresponding flow channels according to different product types, well solving the problem of high heat dissipation of traditional power electronics.

Advantages: smaller, quieter, better heat dissipation performance, cleaner and less dependence on the environment when comparing with air cooling.

Applications

Charging pile, blockchain, power module, medical treatment, laser, radar, etc.



Features

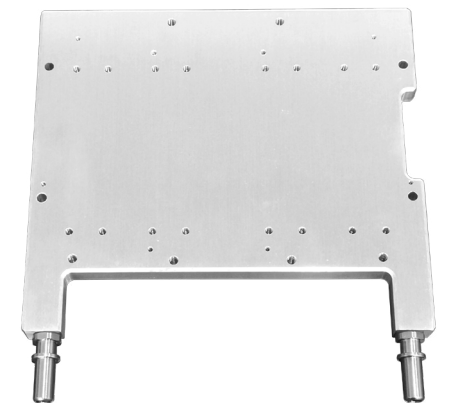
- Flow channel is designed inside the cold plate to dissipate heat through liquid flow circulation
- It can be formed by welding, CNC, milling and other processes
- High reliability, with characteristic of tight sealing, corrosion resistance and leak proof design
- High heat dissipation power, good temperature uniformity, low thermal resistance and low flow resistance

The Material of the Cold Plate Satisfies Different Applications and Operating Environments

Copper: excellent heat dissipation

Aluminum: excellent weight reduction

Stainless steel: strong corrosion resistance



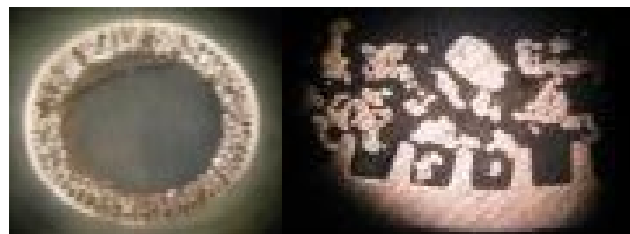
Electronics Cooling

Heat Pipe

Heat pipe is a special material with fast temperature equalizing. The hollow metal tube makes it light and has excellent thermal superconductivity; the application range is quite wide. Heat pipes are widely applied with its first application in the aerospace field, and are widely used in various heat exchangers, coolers and other equipment now.



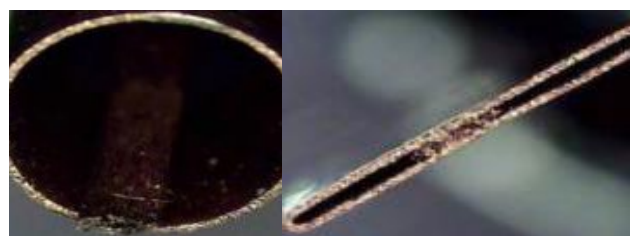
Sintered H/P



Composite H/P



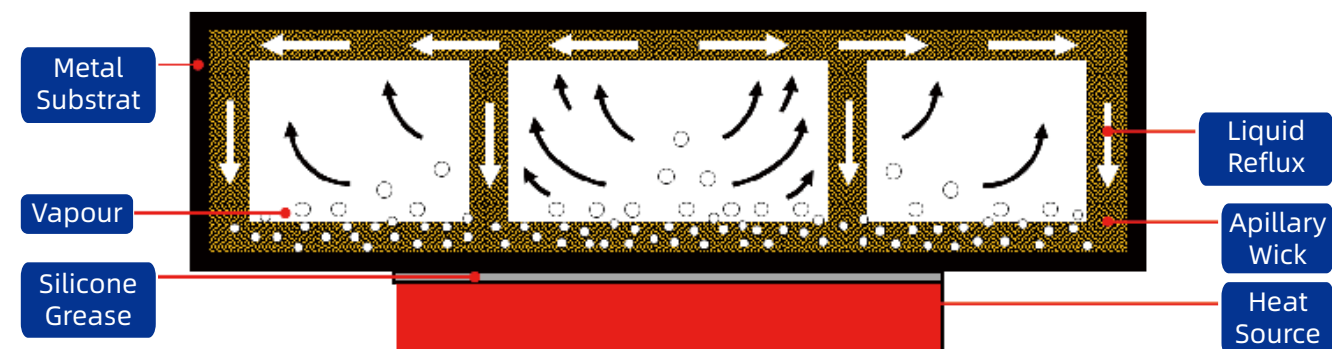
Groove H/P



Artery UT H/P

Vapor Chamber

Vapor chamber is a high-speed heat conduction device with a capillary structure on the inner wall. When the heat is conducted from the heat source to the evaporation area, coolant in the cavity begins to vaporize and absorb heat. The gas-phase coolant condenses and releases heat in the lower temperature area inside the heat pipe, and the condensed liquid-phase coolant returns to the heat source under the action of capillary force or gravity to realize the rapid diffusion and transfer of heat.



Thermal Module

The heat dissipation module is composed of copper, aluminum and other different materials and different heat dissipation components. The heat sink can be customized according to the user's working conditions to meet the heat dissipation requirements in different environment.

Name	Features	Photo
Pure copper shovel tooth	High temp. adaption and high reliability	
Vapor chamber	Maximum size: 350(L)mm*300(W)mm	
Aluminum + heat pipe	Lower cost, higher performance (80W, thermal resistance lower to 0.25 °C/W)	
Copper fin + heat pipe	Copper fin + heat pipe (130W, thermal resistance lower to 0.15 °C/W)	
Aluminum fin + heat pipe without welding	Large space, high performance, low cost (200W, thermal resistance lower to 0.10°C/W)	
Heat pipe	Low power and multi heat source environment	
3D-TVC	Phase transition heat exchange, thermosyphon heat dissipation	

Quick Disconnect

The quick disconnect is the connector between every device in the liquid cooling circulation system. It can realize the quick connection and disconnection between the devices, ensure no leak and reduce workload for liquid discharge and injection, greatly improving efficiency

Applications

Drip-less connection and disconnection under pressure

Features

- Manual/self-fastening
 - Blind connection
 - No leakage
 - Highly reliable sealing method
- Different size available
 - Optional material in stainless steel, aluminum and copper available
 - Customized termination



Selected Product

Model	Working Principle	Photo
Self-fastening Series	Stell ball fastening mode, disconnect the joint through sliding sleeve	
Blind Connection Series	No fasting structure, locked by external structure	

Sealing Ring

Model	Code	Operating Temp. (°C)	Coolant
MFVQ	MFVQ	-55~175	EG, aviation fuel, N ₂ , antifreeze, silicone oil
EPDM	EPDM	-45~150	Brake fluid, hot water, EG, silicone oil, freon
FKM	FKM	-20~200	Aviation fuel, strong acid, strong alkali

Quick Disconnect Product Series

No.	Type	Code	Description	No.	Type	Code	Description
1	Series	C	Cooling	6	Base Material	1	Nickel-plated copper
		H	Hydraulic			2	Aluminium alloy
		G	Gas			3	SUS304
2	Spool Design	G	Graphic design			4	SUS316
		T	Thimble			5	Titanium alloy
		P	Push			6	Plastic
3	Connection Method	T	Twice push	7	Material of Sealing Ring	1	NBR
		S	Snap			2	Fluorocarbon
		D	Draw-tube			3	EPDM
		Q	Steel ball draw-ring			4	MFVQ
		B	Straight blade			5	PTFE
4	Equivalent Diameter	03	Inner diameter 3mm	8	Interface Code	1	Internal thread
		04	Inner diameter 4mm			2	External thread
		05	Inner diameter 5mm			3	Flange
		XXX	Other inner diameter sizes			4	Pagoda
5	Connector Type	1	Single female			5	Barbs
		2	Single bulkhead female			6	Nylon tube
		3	Automatic plate female			7	Union
		4	Automatic plate valveless male	Optional	Color Ring Configuration	KR	Red
		5	Automatic plate valved male			KB	Blue
		6	Valveless male		Dust-proof Rubber Sleeve	FCB	Black
		7	Valved male		Plastic Protective Cap	SMB	Black

C Series

Product Series	Load Type	Media Type	Plug Type	Brief Description
CGN	Light load	Glycol, Aqueous solution	Normal connector	Rear pull sliding sleeve, steel ball fastening
CGQ			Quick connector	Direct and steel ball fastening
CGB			Blind connector	Direct and fastening by external force

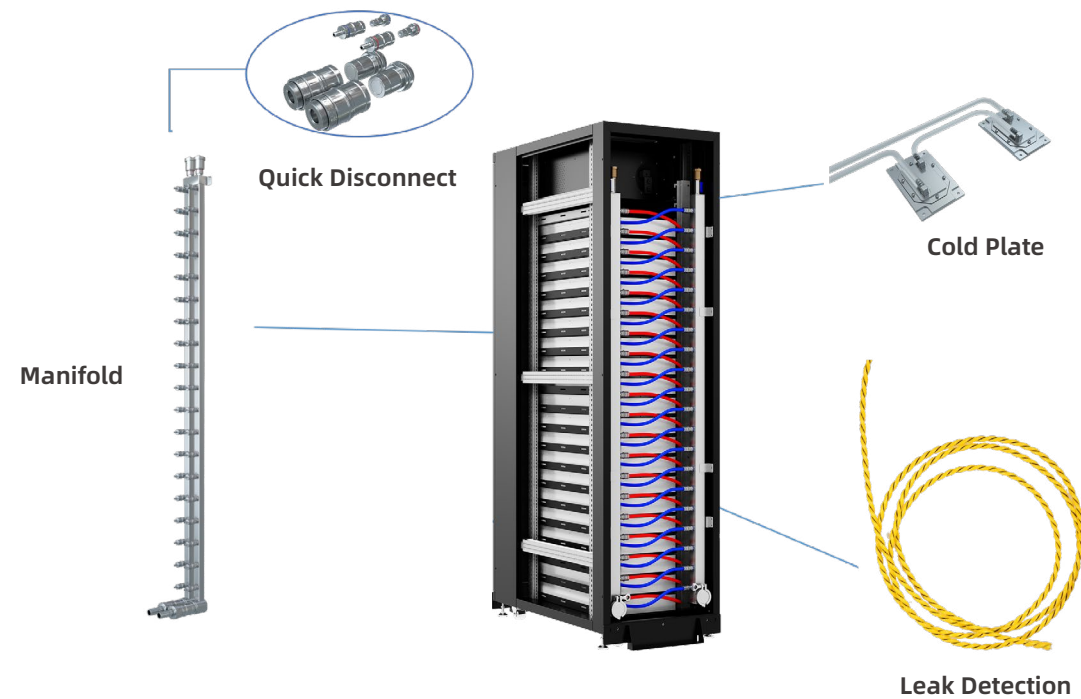
UQD Series

Product Series	Equivalent Diameter(inch)	Base Material	Material of Sealing Ring	ISO Interface
UQD/UQDB	2	SUS304/SUS316	EPDM	G1/8
	4			G1/4
	6			G3/8
	8			G1/2

Rack

Rack

The liquid cooling rack is mainly composed of rack, manifold, power distribution system, exchange board and internal equipment; as the carrier of liquid cooling equipment, each equipment is connected with a special liquid cooling hose to ensure the heat dissipation effect.



Technical Specification

No.	Cabinet Dimension			Available Installation Space 1U = 44.45 (mm)
	Width (W)	Depth (D)	Height (H)	
1	600mm	1200mm	2000mm	42U
2	600mm	1200mm	2200mm	47U
3	600mm	1200mm	2500mm	54U

Features

Top cable routing, bottom pipe routing, dual power supply, water leakage alarm, water tray

Manifold

Manifold is mainly used to connect the main circuit between the liquid cooling source CDU and the cold plate. It has the characteristics of strong corrosion resistance, high strength and easy processing. It is widely used in military and civil field. According to the needs of use, there are single pipe and dual pipes. The single pipe is mainly used for quick-plug connection, whereas the dual pipes are used for blind plug connection. The position accuracy of the two pipes is $\pm 0.15\text{mm}$, which belongs to ultra-precision manufacturing.

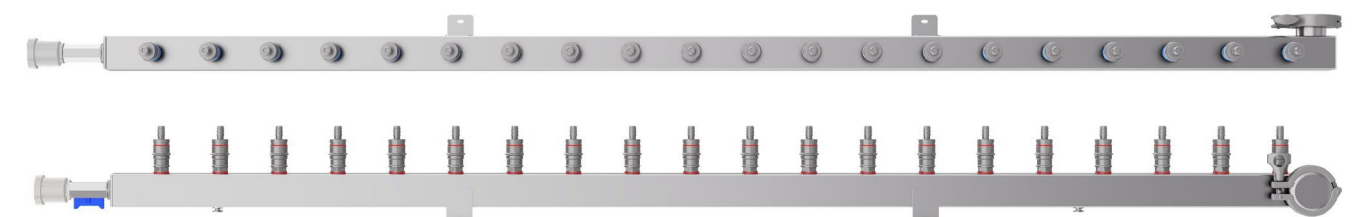


Features

- Strict control process, MES control system
- Dust-free workshop, high cleanliness
- High reliability, double pressure test of gas and liquid
- Uniform flow distribution
- Optional self fastening type and blind connection type

Technical Specification

Model	Specifications	Material	Connection Mode	Operating Temp.	Storage Temp.	Coolant
MDU030S	30X30 (mm)	SUS304 SUS316L	Quick connect	-30°C ~70°C	-40°C ~85°C	Ethylene glycol, propylene glycol, deionized water
	40X40 (mm)					
	50X50 (mm)					
MDU030D	30X30 (mm)	SUS304 SUS316L	Blind connect	-30°C ~70°C	-40°C ~85°C	Ethylene glycol, propylene glycol, deionized water
	40X40 (mm)					
	50X50 (mm)					



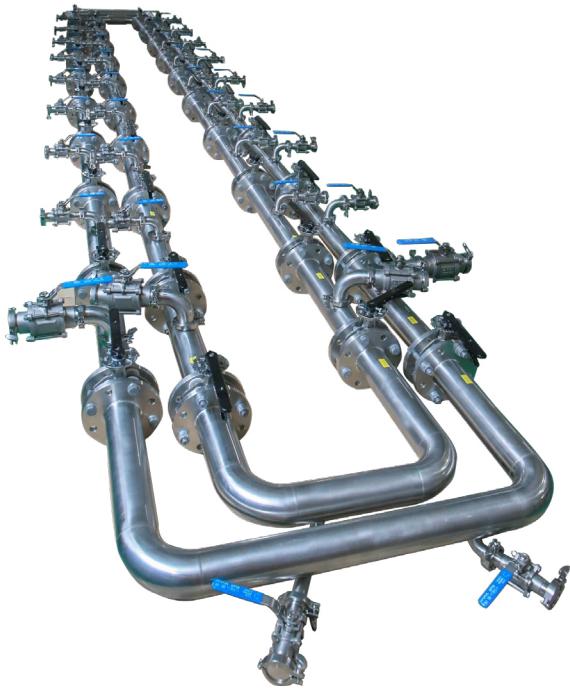
Manifold

Secondary Loop

The secondary loop is made of stainless steel, belongs to modular prefabricated loop, easy to use and can be assembled quickly. Waterway system is connected to control the flow of the branch pipe through the valve.

Features

- Modular production, connected with quick chuck
- No cutting and welding needed on-site
- High reliability
- Uniform flow distribution
- Easy maintenance



Valve



SS304 Ball Valve



Butterfly Valve

CDU

Cabinet Type CDU

The CDU is mainly composed of cabinet, water pump, plate exchanger, valve, expansion tank and pipeline, etc. The heat is exchanged through the plate, the cooled liquid is sent to the heat source to absorb heat, and the liquid with the heat enters the plate for heat exchange cyclically.

Features

- Dual power backup
- Corrosion-resistant stainless steel pipeline
- Optional high efficient single pump or dual pumps
- Intelligent monitoring system
- Anti-condensation control
- Online water quality monitoring
- 50μm ultra dense filter available
- 10% ~ 100% adjustable flow
- Automatic fluid rehydration
- Over-pressure protection
- Online maintenance
- Low energy consumption
- Liquid leakage detection



Coolinside Technical Specification

Model	XCRow300	XCRow400	XCRow500	XCRow700	XCRow300-B	XCRow600	XCRow2000
Rated Heat Exchange Capacity (kW)	300	400	500	700	300	600	2000
Rated Flow Rate (L/min)	430	580	720	1080	430	870	2900
Water Pump Type	Single pump				Dual pumps		
Primary Side Supply Liquid Temp (° C)	35						
Primary Side Coolant	Softened water, PG25 aqueous solution, and EG25 aqueous solution						
Secondary Side Supply Liquid Temp (° C)	40						
Secondary Side Coolant	SoluKing Long-lasting Coolant						
Dimensions (W*D*H) mm	600*1200 *2200	1000*1400 *2200	1200*1200 *2200	1200*1400 *2200	600*1200 *2200	1200*2000 *2200	1200*2000 *2200
Power Supply	415V/380V 3Ph 50 Hz						
Dual Power Input (Optional)	Mains power/UPS/diesel power						
Storage Environment Temp.	-20~70° C						
Storage Environment Hum.	No condensation at 5%-85% in long term No condensation at 5%-95% in short term						
Altitude	When the altitude exceeds 1000 m, the ambient temperature decreases by 1°C for each additional 220 m. Max. altitude: 3000 m						

Note: Please check with us for different cooling capacities and different liquid cooling coolant requirements.

Rack-mounted Water Cooled CDU

Applications

- Suitable for all-in-one cabinet, save space
- Support high power density



Features

- Height: 4U
- The pipeline adopts 304 stainless steel with strong corrosion resistance and long life cycle
- The centrifugal pump automatically adjusts the flow according to the number of equipment that generates heat
- Redundant pumps to improve product life cycle
- Intelligent monitoring system (Modbus, SNMP)
- Single CDU can support 80kW cooling capacity
- Dual power supply, higher reliability by stable operation without power connection
- Liquid leak detection
- Automatic fluid rehydration
- Anti-condensation
- Optional secondary loop 50μm filter
- 4.3 inch LCD display

Coolinside Technical Specification

Model		XCRow040	XCRow080
Heat Exchange Capacity	kW	40	80
Primary Side Supply Liquid Temp	°C	35	
Primary Side Coolant	/	Softened water	
Secondary Side Supply Liquid Temp	°C	40	
Secondary Side Coolant	/	SoluKing PG25	
Secondary Side Supply Liquid Flow Rate	L/min	60	99
Secondary Side Filtration Accuracy	/	100 mesh	/
Primary Side Port Type	/	1.5" chuck	
Secondary Side Port Type	/	1.5" chuck	
Circulating Pump Number	/	Dual pumps	
Dimensions (W*D*H)	mm	450 * 850 * 175	535 * 850 * 165
Cabinet Applicable	/	OCP ORV3 liquid cooling cabinet	
Power Supply	/	220 VAC	48 VDC

Rack-mounted Air Cooled CDU

It is high heat density liquid cooling solution specially developed for the data center industry in view of the characteristics that the server CPU/GPU heat is sensitive to the ambient temperature. When the unit is running, the cooling liquid is sent to each end cold plate, taking away the heat.



Features

- Perfect for liquid cooling technology application in traditional data center
- Easy installation without complicated commissioning
- Built-in automatic coolant replenishment system to facilitate O&M

Working Principle

- Composed of water pump, heat exchanger, fan, filter, expansion tank and control module
- The coolant is driven by the built-in circulating pump to take away the heat and then dissipate the heat to the environment through the fan

Coolinside Technical Specification

Model		XCRow006	XCRow012
Heat Exchange Capacity	kW	6	16
Primary Side Supply Air Temp	°C	25	
Air Flow	m³/h	1000	2800
Secondary Side Supply Liquid Temp	°C	40	
Secondary Side Coolant	/	SoluKing PG25	
Secondary Side Flow Rate	L/min	9	24
Secondary Side Filtration Accuracy	/	100 mesh	
Secondary Side Port Type	/	3/4" chuck	1" chuck
Circulating Pump Number	/	Dual pumps	
Dimensions (W*D*H)	mm	450 * 850 * 175	450 * 860 * 350
Cabinet Applicable	/	OCP ORV3 liquid cooling cabinet	
Power Supply	/	220 V/50 Hz	

Cabinet-type Liquid-to-air CDU

Cabinet-type Liquid-to-air CDU is tailored for high heat density liquid-cooled servers, which eliminates the need for external facility water supply and raised floor for pipe routing. The cooling system of the entire data center features simple layout, short installation period, easy operation and maintenance, which is especially suitable for traditional air-cooled data center transformation, small high-performance data center, etc.



Features

- The heat exchange capacity of a single cabinet is 120 kW
- Two high-performance water pumps
- N+1 high-efficiency fans support hot swapping
- Suitable for existing data hall layout with hot and cold aisles
- Supports rapid deployment
- Equipped with a control system; supports mainstream communication protocols
- Total power consumption is less than 5% of heat load

Features

Cabinet-type Liquid-to-air CDU consists of a rear-door fan, a high-efficiency liquid-to-air heat exchanger, a water pump, a controller and pipe assemblies. In the liquid-to-air heat exchanger, the high-temperature working fluid from the liquid-cooled server, driven by the water pump, performs convection heat exchange with the cold air in the data hall. After being cooled to an appropriate temperature, it returns to the liquid-cooled server to complete the heat exchange cycle.

Coolinside Technical Specification

Model		XCRow120WCA2H1
Heat Exchange Capacity	kW	120
Primary Side Inlet Air Temp	°C	25
Airflow	m³/h	15000
Secondary Side Inlet Liquid Temp	°C	< 45
Secondary Side Filtration Accuracy	/	100 mesh
Secondary Side Port Size	/	DN50
Circulating Pump Number	/	2
Dimensions (W*D*H)	mm	600 * 1200 * 2200
Power Supply	/	380 V/50 Hz
Power	kW	6

SoluKing Long-lasting Coolant

Overview

SoluKing long-lasting coolant serves as a key link in Coolinside full chain liquid cooling solution and provides strong support for the efficient operation of the data center liquid cooling system. It has a 5-fold increase in corrosion resistance and 9 layers of protection, laying a solid foundation to achieve no leak throughout the whole chain in the liquid cooling system.

Full-chain no leak

Coolinside full chain liquid cooling solution, integrating independent R&D, production, delivery and service, ensures no leak throughout the whole chain.

Technical Specifications

Features	Specifications		Unit
Color	Blue clear liquid		
Odor	No pungent odor		
Density @ 20° C	1.070~1.076		kg/L
pH @ 20° C	8.2~9.1		
Reserve alkalinity	2.5~3.6		ml
Freezing point	-40~0		° C
Particle contamination degree	≤ Grade 7		

Awards



Features

- Full-chain material analysis
- Anti-foaming
- Non-destructive anti-corrosion
- Full-chain metal compatibility
- Anti-bacteria
- Slow consumption
- Full-chain non-metal compatibility
- Anti-scaling
- Highly efficient heat exchange



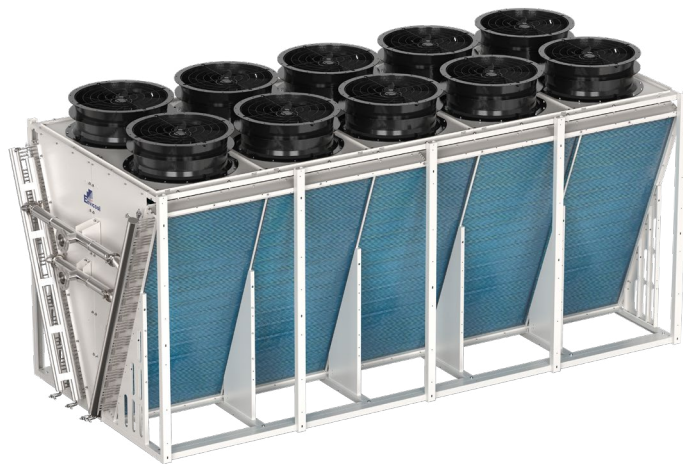
Cold Source

Dry Cooler

The dry cooler cools the liquid inside the pipe through the natural air outside the pipe. Modular or combined unit with independent fans facilitates disassembly and maintenance. High-strength galvanized plate with anti-corrosion coating, stainless steel coils and hydrophilic aluminum fins make the cooler more suitable for outdoor installation environment.

Features

- Composed of stainless-steel connectors and marine-grade corrosion-resistant aluminum
- Frequency conversion control of the fan to achieve high energy efficiency
- Owl-inspired fan with low noise
- Extremely low water consumption enabling high water conservation
- Low-maintenance fan motors suitable for various climatic conditions
- Optional adiabatic humidifier to provide outstanding temperature and humidity control
- Simple maintenance, easy installation and small footprint



Cooling Tower

- Various models with different cooling capacities available
- Compatible with various fluids
- Easy maintenance and installation
- Reliable operation with high energy efficiency
- Optimized solutions for various needs

- High-performance V-coil
- A wide range of heat exchange capacity to meet the needs of different scenarios
- Reasonable design reduces fan losses while ensuring heat exchange capacity
- Reasonable coil design reduces pressure drop of the fluid, achieving optimized energy saving performance

Comprehensive Detection and Intelligent Control



Efficient operation
Intelligent linkage
control



Visual monitoring
Safe and secure



Energy saving and
emission reduction

Full Chain Liquid Leak Detection

Cabinet (server and manifold) leak detection,
CDU leak detection, primary loop and secondary
loop side pipeline leak detection

Online Water Quality Monitoring

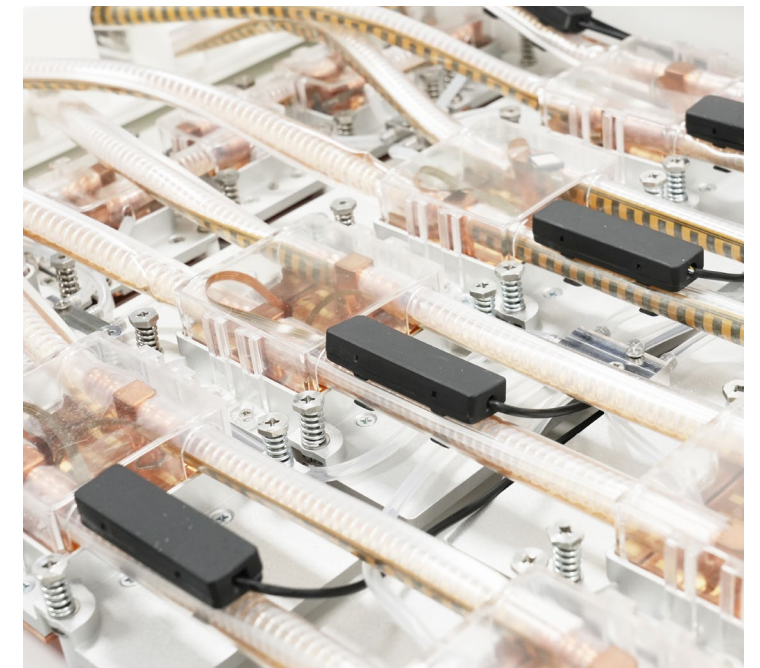
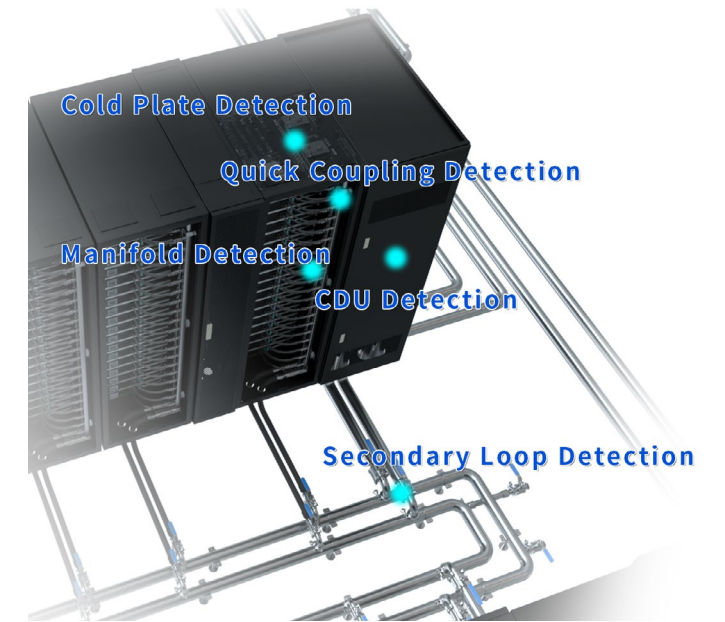
Detection of pH, conductivity and turbidity

Anti-condensation Control

CDU anti-condensation function

Liquid Leak Detection in the Server

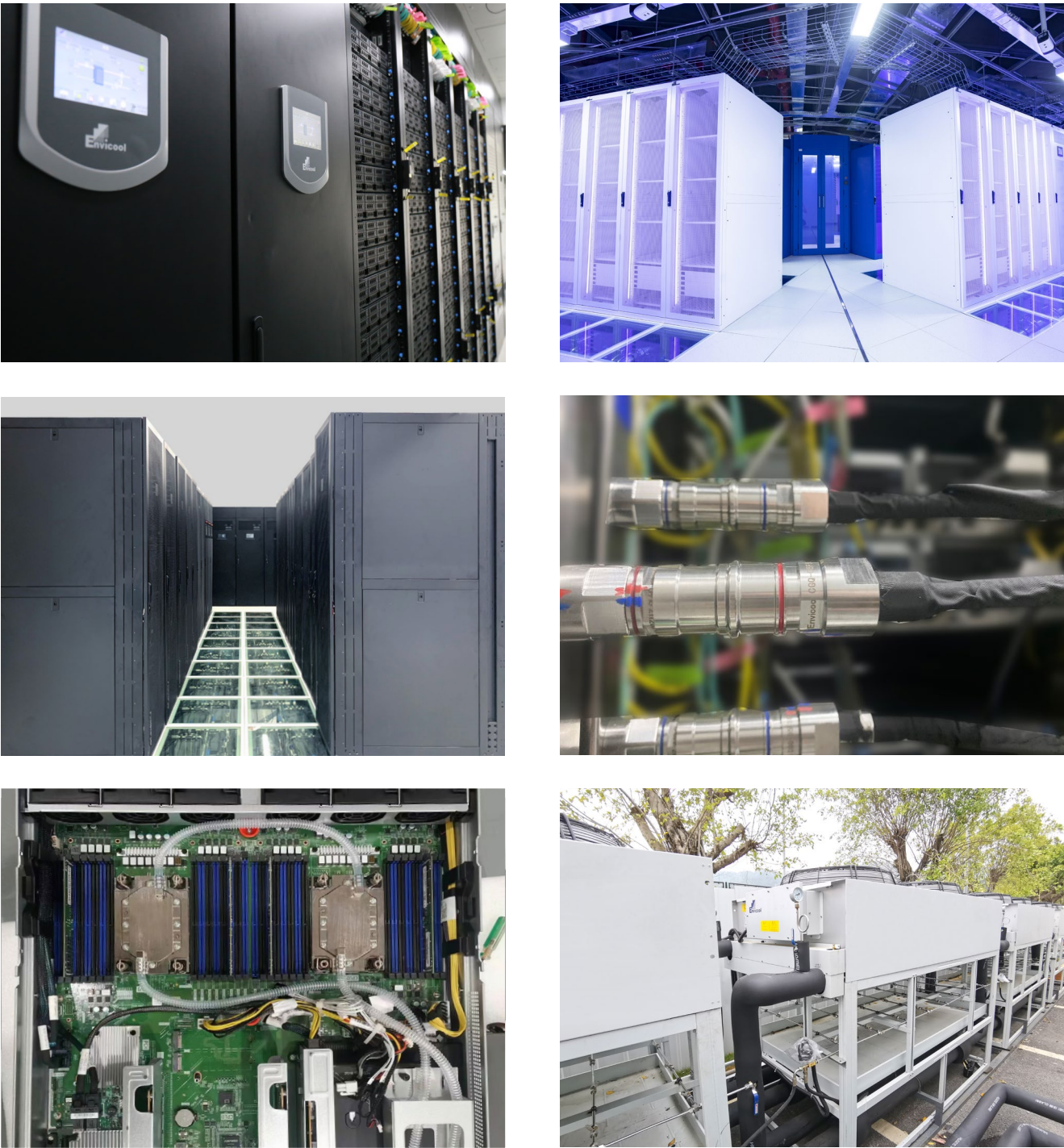
Low risk of liquid leak
Attached close to pipeline
Compact electrical resistance detection



Independent Delivery and Service

- Independent delivery
- Support software & hardware upgrade
- Full-chain customized service

Applications



- National after-sales service network
- Quick response
- Professional services

Manufacturing Bases and R&D Centers



31 customer service centers and spare part centers in China

Overseas service available in multiple countries

- Data Center
- Energy Storage
- Telecom
- Rail Transit
- EV Bus
- Cold Chain