

In-room Chilled Water Cooling Product

FusionCol8000-C

Introduction

FusionCol8000-C is the in-room chilled water smart cooling product developed by Huawei. A complete cooling system can be built by combining FusionCol8000-C, chillers, water pumps and pipes. FusionCol8000-C is an efficient, reliable and simple cooling product, helping to build the next generation green data center.

Application Scenarios

- Medium-large switch room
- Industry control room
- Computer room and prefabricated DC
- Standard test room and calibration center

Value & Features

Efficient

- High chilled water temperature up to 20 °C for lower PUE.
- iCooling@AI, PUE<1.45@middle East
- High efficiency wet-film humidifier: Isenthalpic humidification, saving up to 95% of energy compared to electrode humidifier.

Reliable

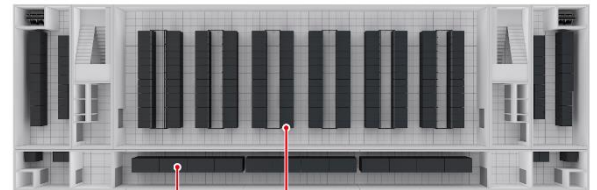
- Enhanced fan reliability by separating motor and driver.
- Dual power sources: Dual auto-switch power supply with independent dual 6kV surge protection and power detection. Continuous cooling during power switch.
- On-line maintenance: Hot swappable for control module and auxiliary power module.

Simple.

- Horizontal air flow. No need for raised floor.
- Malfunction self-diagnosis: Analyze malfunction reason intelligently, guiding O&M engineer maintain quickly.
- 7-inch LCD colored touch screen features innovative one-touch interface switch and provides temperature & humidity curves display of the last 30 days, bringing an excellent usage experience.



FusionCol8000-C



1. PAC 2. IT equipment
Typical Application Scenario



7 inch LCD true color touch screen



Hot swappable controller and power module

Technical Specification

FusionCol8000-C Technical Specification

Unit Model	Unit	FusionCol8000-C210H
Air Flow Delivery	-	Horizontal
Total Cooling Capacity ^①	kW	210.0
Sensible Cooling Capacity	kW	210.0
Air Flow	m ³ /h	53,000 (up to 57,000)
Quantity of Fans	PCS	4
Air Filter Class	-	G4
Power Supply	V/Ph/Hz	380-415/3/50, 380-415/3/60
Humidification Capacity	kg/h	10.0
Dimension: W × D × H	mm	2350×1100×2450
Net Weight	kg	1000

① Cooling capacity condition: return air dry bulb temperature 36 °C/24% RH, inlet/outlet water temperature 20 °C/28 °C.

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