

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

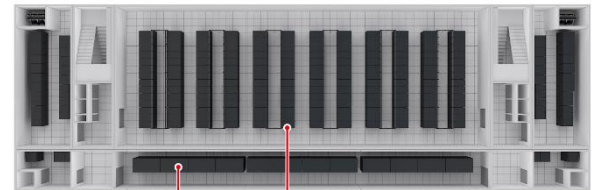
- Enhanced fan reliability by separating motor and driver.
- Dual power sources: Dual auto-switch power supply with independent dual 6kV surge protection and power detection. Continuous cooling during power switch.
- On-line maintenance: Hot swappable for control module and auxiliary power module.

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.

Copyright © Huawei Technologies Co., Ltd. 2020. All rights reserved.

No part of this document may be reproduced or transmitted in any form or by any means without prior written consent of Huawei Technologies Co., Ltd.

General Disclaimer

The information in this document may contain predictive statements including, without limitation, statements regarding the future financial and operating results, future product portfolio, new technology, etc. There are a number of factors that could cause actual results and developments to differ materially from those expressed or implied in the predictive statements. Therefore, such information is provided for reference purpose only and constitutes neither an offer nor an acceptance. Huawei may change the information at any time without notice.

HUAWEI TECHNOLOGIES CO., LTD.

Huawei Industrial Base
Bantian Longgang

Shenzhen 518129, P.R. China

Tel: +86-755-28780808

www.huawei.com