

STULZ

CLIMATE. CUSTOMIZED.

WallFlow

Custom Air Handling Unit



The WallFlow Custom Indoor Air Handling Unit is customized to precisely and efficiently manage the environment in your data center.

- Compact footprint with maximized cooling capacity
- Operational reliability and redundancy through modularity
- Taller racks and higher heat loads possible because no raised floor is needed
- Horizontal and vertical supply and return configuration available
- Rapid deployment
- Different filter options available; MERV-8, 11, 14
- Condensate drain pan with stainless steel dual sloped construction
- Optional backdraft and control dampers available
- Reduced total cost of ownership

User Driven. Custom Designed. Purpose Built.

Technical Data

Product Family		WallFlow Custom AHU	
Technical Data		CAH-0100	CAH-0200
Cooling Capacity	kW	100	200
Airflow	ft ³ /min	12,500	25,000
Weight	lbs	2,800	5,600
Dimensions (W x H x D)	mm	1501.1 × 2400.3 × 1559.6	2999.7 × 2400.3 × 1559.6
	in	59.1 × 94.5 × 61.4	118.1 × 94.5 × 61.4
Net Cooling Capacity - kW (MBH) @ 50° F EWT, 0% Glycol Solution 85°F DB/64.5°F WB, 32% RH, 52°F DP			
(12.2°F ΔTw)	Total	103 (352)	206 (703)
	Sensible	103 (352)	206 (703)
	Flow Rate, gpm (Pressure Drop, ft H ₂ O)	60 (24.9)	120 (33)
(20°F ΔTw)	Total	87 (298)	175 (597)
	Sensible	87 (298)	175 (597)
	Flow Rate, gpm (Pressure Drop, ft H ₂ O)	31 (10)	62 (12)

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- Modular solution:
- stackable and
- expandable
- Larger Supply/
- Return Area
- Zero clearance
- installation
- Intelligent E^2
- Microprocessor
- with a range of
- BMS interface
- Low pPUE
- values
- Reduced total
- cost of ownership
- Robust
- construction
- with aluminum
- frame
- Customization through various design options and
- cooling systems: Direct Expansion, Chilled Water
- and Direct Adiabatic

STULZ AIR TECHNOLOGY SYSTEMS (STULZ USA) , INC.

1572 Tilco Drive | Frederick, MD 21704

Tel.: 301.620.2033 | Fax: 301.662.5487 | info@stulz-ats.com

www.stulz-usa.com

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