STULZ

CLIMATE. CUSTOMIZED.

A Cool Megawatt

CyberAir CFD-1080

The Largest CRAH in the Industry, Prefabricated for Rapid Deployment

The CyberAir CFD-1080 maximizes cooling in a small footprint while offering high energy efficiency in a modular design, allowing for reduced installation and commissioning time.

- STULZ' state-of-the-art E^2 Microprocessor with a range of BMS interface options
- Dual 2-way Modulating CW Valves 600 WOG Rated
- Multiple EC Fan options
- Dual Cooling Coil Circuits for added redundancy
- Fewer units at higher capacity for reduced capital and operating costs
- Dehumidification efficiently achieved through reduced air volume at maximum cooling
- Seismic and non-seismic rated floor stands
- 1" thick, hinged access panels
- 6-Piece unit construction for ease of transport and installation

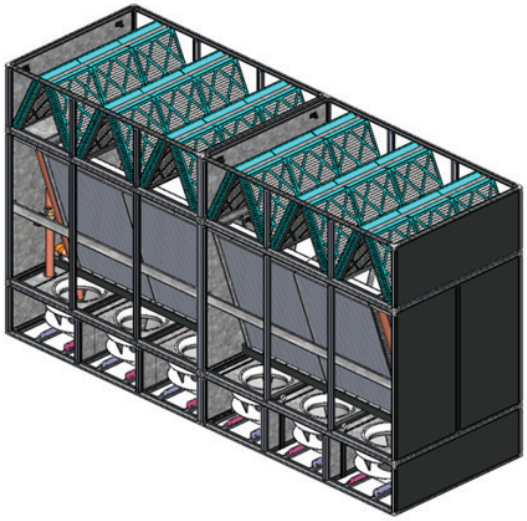
Technical data

Down-Flow Model		
NET COOLING CAPACITY - MBH (kW) @ 50°F EWT, 0% Glycol Solution (Includes motor heat @ rated CFM & ESP)		
75°FDB/60.9°FWB, 44% RH, 52°FDP		
Med. Flow (12.2°F ΔTw)	Total, MBH (kW)	1530 (449)
	Sensible, MBH (kW)	1530 (449)
	Flow Rate, GPM / (Pressure Drop, ft H_2O)	278.9 / (8.6)
85°FDB/64.4°FWB, 32% RH, 52°FDP		
Med. Flow (12.2°F ΔTw)	Total, MBH (kW)	2589 (759)
	Sensible, MBH (kW)	2589 (759)
	Flow Rate, GPM / (Pressure Drop, ft H_2O)	455.5 / (16.8)
95°FDB/67.6°FWB, 23% RH, 52°FDP		
Med. Flow (12.2°F ΔTw)	Total, MBH (kW)	3509 (1029)
	Sensible, MBH (kW)	3509 (1029)
	Flow Rate, GPM / (Pressure Drop, ft H_2O)	609.2 / (26.9)
105°FDB/70.6°FWB, 17% RH, 52°FDP		
Med. Flow (12.2°F ΔTw)	Total, MBH (kW)	4356 (1277)
	Sensible, MBH (kW)	4356 (1277)
	Flow Rate, GPM / (Pressure Drop, ft H_2O)	750.5 / (38.6)
Electrical: 460-3-60 (Cooling only, no Condensate Pump)		
	Full-Load-Amperage (FLA)	88.0
	Minimum Circuit Ampacity (MCA)	110
	Maximum Fuse Size (MFS)	110
Dimensions		
	Width	200”
	Dept	70”
	Height (without floorstand)	120.3

Modular Deployment

- Easier to handle & maneuver smaller sections
- Added system redundancy
- Split sections for access limitations

Front Isometric View



Front Isometric View (Doors Removed)

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