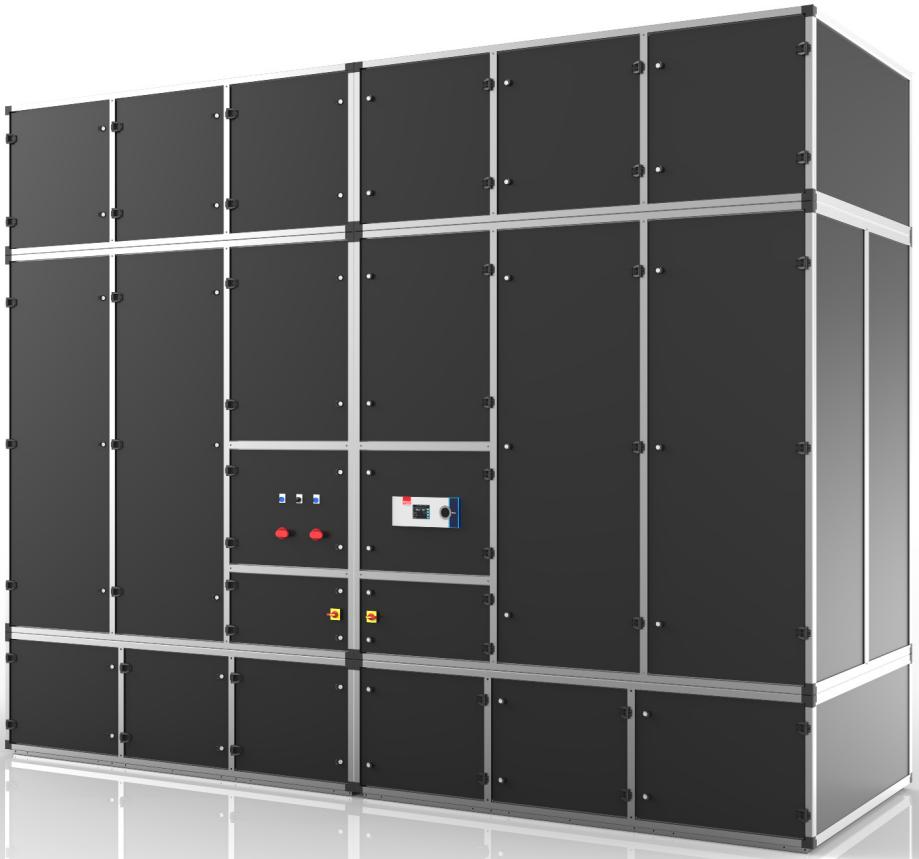
STULZ

CLIMATE. CUSTOMIZED.

# CyberAir CFD-1080

## The Largest CRAH in the Industry with a Megawatt of Precision Cooling



- 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

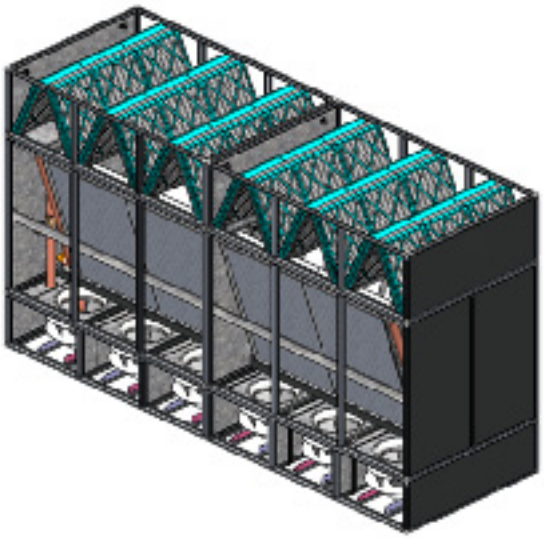
# Technical data

| 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) | 1652 (483) |
| | Sensible, MBH (kW) | 1652 (483) |
| | Flow Rate, GPM / (Pressure Drop, ft $H_2O$) | 299.3 / (14.3) |
| 85°FDB/64.4°FWB, 32% RH, 52°FDP | | |
| Med. Flow (12.2°F ΔTw) | Total, MBH (kW) | 2650 (776) |
| | Sensible, MBH (kW) | 2650 (776) |
| | Flow Rate, GPM / (Pressure Drop, ft $H_2O$) | 465.9 / (27.1) |
| 95°FDB/67.6°FWB, 23% RH, 52°FDP | | |
| Med. Flow (12.2°F ΔTw) | Total, MBH (kW) | 3533 (1035) |
| | Sensible, MBH (kW) | 3533 (1035) |
| | Flow Rate, GPM / (Pressure Drop, ft $H_2O$) | 612.5 / (42.6) |
| 105°FDB/70.6°FWB, 17% RH, 52°FDP | | |
| Med. Flow (12.2°F ΔTw) | Total, MBH (kW) | 4374 (1287) |
| | Sensible, MBH (kW) | 4374 (1287) |
| | Flow Rate, GPM / (Pressure Drop, ft $H_2O$) | 754.0 / (63.5) |
| Electrical: 460-3-60 (Cooling only, no Condensate Pump) | | |
| | Full-Load-Amperage (FLA) | 88.1 |
| | Minimum Circuit Ampacity (MCA) | 110 |
| | Maximum Fuse Size (MFS) | 110 |
| Dimensions | | |
| | Width | 200" |
| | Depth | 70" |
| | Height (without floorstand) | 156.3 |

## 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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