Computer Room Air Handlers (CRAH)

Customizable Gradian systems deliver scalable, high-performing, data center HVAC solutions, including CRAH units and fan systems, tailored to meet your exact specifications with speed and precision.

KEY FEATURES

- Modular construction of compact units maximize cooling capacity and available white space which reduces the total unit footprint and increases environment white space
- Built for scalability, engineered for flexibility
- Modular controls platform integrates what you need, skip what you don't
- Maintain maximum cooling capacity without losing capabilities to accessories
- Highly efficient ECM fan technology for low cost of operation
- Wide supply chain reliability provides flexible component options to accelerate lead times and advanced customization
- Made in USA
- ETL Certified



Downflow Orientation

SPECIFICATIONS

CAPACITY

10 kW - 1 MW

CFM RANGE

1300 - 160k CFM

POWER SUPPLY

208-230V, 415V, 460V, 575V /3Ph/ 60Hz

CONTROLS

Unitary Control via Factory Integrated Distech Controller

COMMUNICATION PROTOCOL

BACnet MS/TP, BACnet IP, Modbus (TCP/IP), Modbus RTU (RS-485)

CONSTRUCTION

- 1" or 2" Non-Thermally-Broken Aluminum Frames
- 1" or 2" Foam Injected Panels

FINISHES

Raw Galvanized Steel or Matte Black Powder Coat

ORIENTATION

Downflow or Upflow



Upflow Orientation

STANDARD FEATURES

- ECM Fan Arrays
- Optimized Fluid Coil
- Single Point Power Panel with HMI
- 2" Pleated Filters
- Piping Vestibule

OPTIONAL FEATURES

- Humidification
- Electric Heat
- Piping Valves
- Automatic Transfer Switch (ATS)
- Thermal Break Construction

Specifications may vary based on model and capacity.