Trane Computer Room Air Handler

Targeted, efficient cooling for modern mission-critical data centers

The Trane Computer Room Air Handler (CRAH) delivers precise, reliable chilled-water cooling for modern data centers and critical support spaces. Designed for white space as well as UPS and electrical rooms, it offers 50–300 kW of cooling capacity, high-efficiency ECM fan arrays, and factory-installed Symbio® 500 controls to maintain stable conditions as room demands change. As part of the Trane thermal-management ecosystem, the CRAH helps optimize space, improve energy performance, simplify service, and protect mission-critical uptime.



Features & Benefits

Targeted Cooling for Critical Rooms

Provide the right level of cooling for white space, UPS rooms, and electrical rooms with 50–300 kW of chilled-water capacity tailored to application needs.

Responsive, Efficient Performance

ECM fan arrays and integrated controls adjust to changing room conditions, helping improve energy performance while maintaining precise thermal control.

Compact Design, Built to Scale

A compact, service-friendly design simplifies installation and maintenance while giving operators the flexibility to support evolving facility requirements.



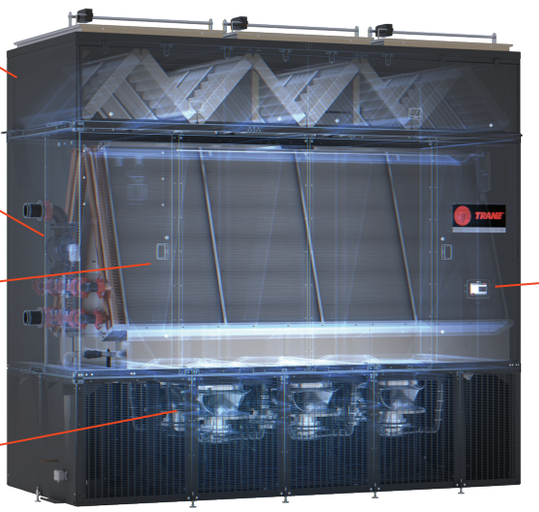
Discover the Ultimate in Data Center Cooling with Trane CRAH Units.

Insulated cabinet / thermal enclosure Variable-speed airflow for efficient cooling and fast response to load changes

Side-mounted water and electrical connections simplify routing, reduce installation complexity, and support faster integration during construction

A compact footprint with front-only service access helps maximize usable space and simplify maintenance in narrow aisles and dense electrical rooms.

Variable-speed ECM fans deliver efficient airflow control, helping the CRAH respond smoothly to changing IT loads while reducing fan energy.



Factory-Assembled, Factory-Tested Design Speeds startup and reduces onsite adjustments

Available in **downflow standard** configurations, the CRAH can be applied across varied room layouts and airflow strategies.

Symbio® 500 controls provide precise monitoring of temperature and airflow, real-time unit visibility, and integration with broader building or plant control strategies.

Capacitor-backed controls help the CRAH ride through short power dips, minimizing unnecessary resets and supporting rapid recovery after disturbances.

CRAH Models & Sizes							
Model	Supply CFM Range	Nominal kW	Width (W)	Depth (L)	Height (H)	Weight (Lbs)	Qty of Shipping Sections
VCDC-060	4600-11250	60	75	38.75	72	1676	1
VCDC-080	9200-12850	80	99	38.75	72	2026	1
VCDC-115	12400-18750	115	123	38.75	72	2440	1
VCDC-170	17300-24400	170	122	42	98.1	3363	2
VCDC-215	24000-31900	215	144	47	126.6	4599	3
VCDC-240	30000-38250	240	144	68	135.1	5522	3
VCDC-340	36000-48500	340	156	68	140.6	6109	3

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www.Trane.com/DataCenters

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