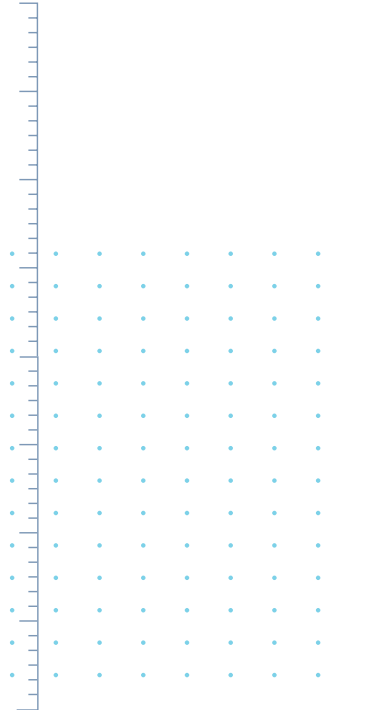


Trane Data Center Climate Changer[®] Air Handling Units

Reliable cooling for colocation data centers



Demand for colocation data centers is growing fast. You want to move quickly on expansion plans, without suppliers holding you back. Trane keeps your business growth on a fast track with Data Center Climate Changers that are reliable, sustainable—and available.

- Stringent temperature and humidity management helps to enable servers to maintain optimal performance.
- Designed with energy efficiency in mind to help lower operating costs and reduced emissions.
- Unlike evaporative cooling methods, Data Center Climate Changers do not consume water resources.
- Our solution is easily replicable, yet flexible to meet a wide range of needs.

U.S. manufacturing supports expansion plan timelines.

Trane's Data Center Climate Changers, including many of their parts, are made in the U.S.A. Our one-million square foot manufacturing facility has capacity to meet current demand. With a shorter supply chain and greater control over parts, quality, and availability, Trane can deliver Data Center Climate Changers quickly to meet your needs. Plus, our service support is always readily available.

Experience provides precision and reliability assurance.

Trane Climate Changers for data centers are a form of a familiar Trane product—air handling units (AHUs). As an AHU industry leader, Trane can help deliver the precision and reliability that data centers need.

- The system maintains tight temperature and humidity tolerances for server room environments.
- Automatic transfer switch immediately changes units to secondary power sources during grid interruptions.
- Pre-programmed controls can operate standalone or as a part of a broader building automation system.

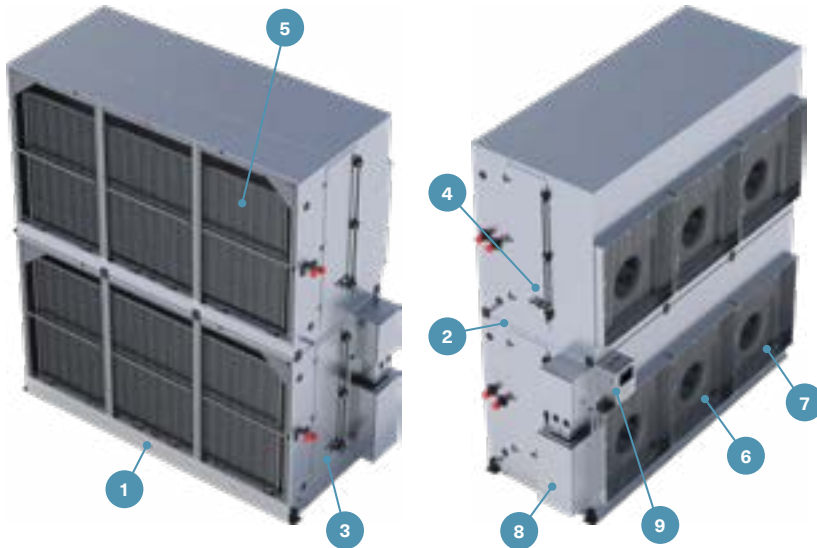
Proven fan and coil design:

- Foam-injected walls
- Consistent, high-quality construction
- BACnet[®]/IP or Modbus Communication

Standard with Symbio[®] 500 Equipment Controller:

- Communicate via BACnet and Modbus open standard protocols
- Available with preprogrammed sequences of operation
- Field-configurable to address application-specific needs
- Remote monitoring and troubleshooting

Made for redundancy and data center uptime.



- 1 **Stackable units with compact footprint (5-ft. or less)**—maximizes revenue-generating space.
- 2 **Two-piece units**—move easily into small mechanical spaces.
- 3 **Narrow components**—fit easily through 8-ft. doorways.
- 4 **Piping and pressure-independent coil valves**—included for faster installation and integration.
- 5 **Efficient fan and coil choices**—allow for easy application customization.
- 6 **Lower power input fan array**—helps to improve energy efficiency and reduces carbon emissions.
- 7 **Optional direct drive plenum fans**—made in-house and inventoried to keep production flowing.
- 8 **Trane-manufactured, factory-installed controller**—helps optimize energy and system performance.
- 9 **Pre-programmed BACnet®/IP or Modbus communication**

45K CFM TO 60K CFM +, with 400kW or greater cooling capacity—the size and capacity ranges that meet the needs of typical colocation data center applications. In a typical system design, three Trane Data Center Climate Changer® air handling units are paired with a single 300-ton chiller.

Learn More at trane.com/pcc-data-center



Trane – by Trane Technologies (NYSE: TT), a global climate innovator – creates comfortable, energy efficient indoor environments through a broad portfolio of heating, ventilating and air conditioning systems and controls, services, parts and supply. For more information, please visit trane.com or tranetechnologies.com.

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