

# Temporary Thermal Management Solutions for Data Centers

High-Performance Chillers for High-Density Data Centers



**Keep your data center project moving with temporary cooling solutions built for speed, scale, and reliability. Trane Rental Services delivers the equipment, expertise, and responsive support contractors need to reduce risk and stay on schedule.**

Successful data center delivery depends on collaborators who understand the pressure of aggressive schedules, complex coordination, and mission-critical expectations. Trane Rental Services works alongside project teams to provide temporary cooling solutions that support project continuity, streamline commissioning efforts, and add confidence from early site activity through final handoff.

**Let Trane Rental Services help with your data center challenges, including:**

- Turnkey Integration and Schedule Certainty
- Installation Coordination and Site Readiness
- Reliability and Lifecycle Serviceability
- Scalability and Adaptability
- Commissioning & Ongoing Project Support

## Why Do Data Centers Trust Trane Rental Services?



### Turnkey Services from Start to Finish.

Our comprehensive and tailored approach begins immediately upon contact and spans equipment selection by specialized rental application engineers, installation and setup, maintenance and decommissioning of equipment.



### Advanced Equipment.

Our large, young and well-maintained fleet of advanced cooling equipment is built specifically to meet today's demands in temporary applications. The delivery and installation of rental units are scheduled to integrate seamlessly into your operation. And, if desired, units can be remotely monitored using our isolated communications network which limits potential cybersecurity risks.



### Expertise Where You Need It—Fast.

Trane offers 24/7/365 support nationwide backed by 2,600 expertly trained service technicians for unparalleled rapid response.



## LIQUID LOAD BANKS

Purpose-built to replicate real-world cooling and electrical loads for data center commissioning and integrated system testing.

- Designed for data center & HPC applications
- Customizable load steps with SCR modulation
- Camlock connections for fast deployment



### Available Products

640kW (480V) | 575kW (415V)

## ASCEND HEAT PUMPS

3X more efficient than gas-fired boilers as they move rather than generate heat.

- Low sound requirements are met by Model ACX's minimal compressor attenuation, quiet variable speed fans and EC fan motors that run silently at part load
- Maintenance-free, long-lasting permanent magnet condenser fan motors improve reliability



### Available Products

120 and 200 tons

## HEAT EXCHANGERS & PUMPS

Our temporary heat exchangers are plate-and-frame type and provide fluid-to-fluid heat exchange in chilled/hot water applications.

Standalone pump skids (with available VFDs) are used in conjunction with heat exchangers for line flushing and other supplemental pumping applications.



### Heat Exchangers - Available Products

500-5,000 ft<sup>2</sup>

### Pumps - Available Products

25 to 125 HP (4800gpm)

## AIR-COOLED CHILLERS

### Ascend™ Air-Cooled Chiller

The Ascend™ ACR Air-Cooled Chiller delivers up to 550 tons (2MW) of efficient, reliable cooling with strong high-ambient performance. Ideal for growing data centers, it reduces installation complexity and energy use while maintaining stable operation during rapid IT load changes.



### Series R Air-Cooled Chiller

Ideal when speed, ease of installation and reliability are your primary concerns.

- Equipped to provide quick restoration of cooling in emergency and planned shutdown situations
- Applied in industrial and commercial markets to provide cooling for both process and comfort applications



### Available Products

155-500 tons | 460V | Integrated pumps on most models

## WATER-COOLED CHILLERS

Modified to install easily to provide fast temporary backup or added capacity.

- Larger tonnage in a smaller footprint
- Ideal for large process and comfort cooling applications that require higher-efficiency equipment
- Weatherized for outdoor use



### Available Products

225-1,000 tons | 460V models available



To rent a Trane HVAC solution or learn more about our rental services, visit us at [Trane.com/Rentals](https://www.trane.com/Rentals) or call us at **1-800-755-5115**.



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