

Powerful, yet flexible.

Introducing the Trane® Fan Coil Wall.
Built for performance. Tailored to your needs.



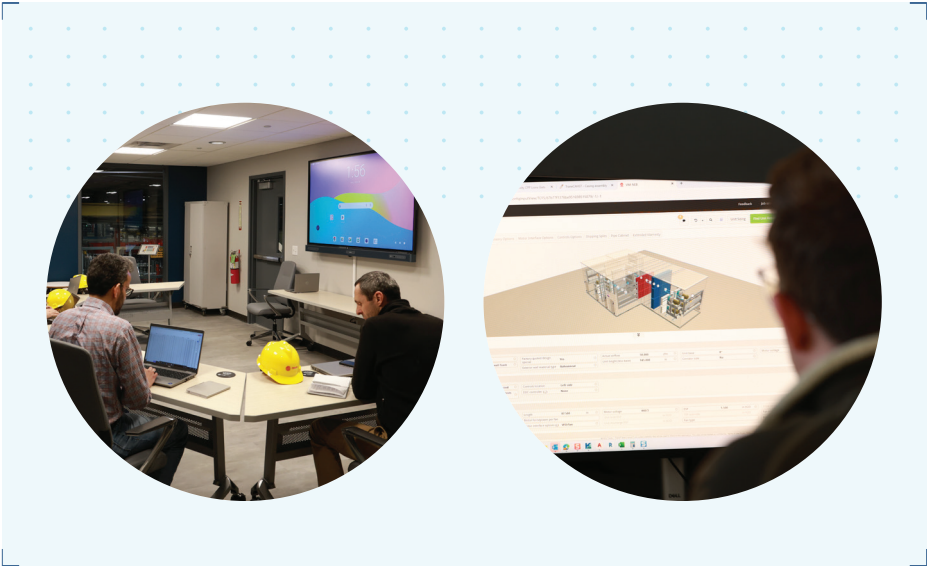
The Trane® Fan Coil Wall platform offers flexibility in a high-performance unit.

The balance between footprint and cooling power.

- ✓ Designed to your specs.
- ✓ Proven, mission-critical performance.
- ✓ Dedicated manufacturing for tight timelines.

In the rapidly evolving data center industry, flexibility matters. The Trane Fan Coil Wall is engineered to efficiently maintain precise temperature and humidity levels in server rooms. These units are installed at the transition between white and gray spaces, helping mission-critical data center uptime while reducing energy consumption. We've allocated dedicated production capacity for the Trane Fan Coil Wall at our Fort Smith, Arkansas, facility. Not only does this give our manufacturing tremendous flexibility, it also helps to deliver competitive lead times.





Designed to your specs.

The Trane Fan Coil Wall's platform was designed so it can be adjusted to meet the specific needs of data center customers, continuously innovating to stay current with the changing industry.

We collaborate with you as part of the design team, working side by side to verify your unit's specifications align with your data center's requirements. Our experienced engineers will be as invested in the success of the project as you are, and you'll receive units built for your specific needs.

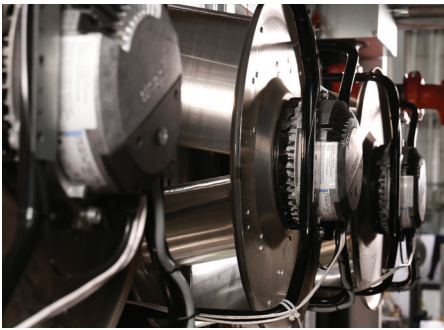
Delivers proven, mission-critical performance.

The Trane Fan Coil Wall integrates seamlessly with Trane chillers and universal systems to deliver precise cooling and help maintain favorable conditions for IT equipment.

With a 400 kW or greater capacity (up to 110K CFM+), these units circulate conditioned air using chilled water from the chiller, which removes heat through a closed-loop system, often enhanced by energy-efficient cooling towers.

This system helps maintain consistent temperature and humidity control, reduces hotspots and helps prevent equipment failures. Together, these Trane solutions help offer energy efficiency, scalability, precise environmental control and lower operational costs.

We invite customers to witness their units being tested, providing clear, firsthand validation that they're operating up to your specifications.



Dedicated manufacturing for tight timelines.

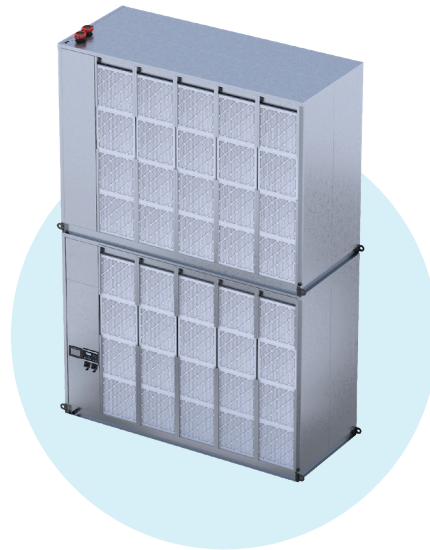
Because these units are built utilizing dedicated production capacity to the data center industry, we can adjust designs to meet your specifications. This setup also gives the flexibility to help meet project timelines.

Performance & Durability

- ✓ **400kW or greater cooling capacity**
(Up to 110K CFM+)
- ✓ **High efficiency filtration**
Standard 2" MERV 8 filters help improve indoor air quality, helping to contribute to a cleaner system and environment (optional MERV 11 or 13)

Optional

- Automatic transfer switch
- Harmonic filtration
- Controller capacitor backup
- Fan block plates
- Rope leak detector



Energy Efficiency

- ✓ **High-quality, robust construction**
2" foam-injected R-13 thermal break panel, hot-dipped galvanized still inner and outer panels, and a 4" minimum base rail for durability and performance
- ✓ **Factory-installed Symbio® 500 controller**
Enhances energy and system performance, for reliable and efficient operations
- ✓ **Efficient fan and coil options**
Support customizable applications to meet specific cooling needs
- ✓ **Low-power fan array**
Helps reduce energy consumption, enhancing power usage effectiveness (PUE), helping to lower operational costs, and decreasing carbon emissions

Flexibility & Ease of Installation

- ✓ **Standard or custom models**
Designed for performance, efficiency and seamless integration, our customizable systems deliver cooling and reliability for your application
- ✓ **Flexible configurations**
Available in two-piece units for easy transport into limited data center footprints or single-piece units for streamline installation and faster startup
- ✓ **Enhanced fluid flow**
Factory mounted to help enable faster installation and integration as well as energy efficiency
- ✓ **Factory-installed piping with integrated water control valve**
Helps reduce installation time and helps provide precise and reliable cooling
- ✓ **Pre-programmed BACnet®/IP or Modbus communication**
Enables seamless integration with building management systems for enhanced monitoring and control
- ✓ **Customizable end devices and sequence of operation**
Tailors operations to your specific needs

Specifications

	Stacked Configurations			Single Piece Configuration	Stacked/Single Piece Configuration
	TCDC-360	TCDC-430	TCDC-500	TCDC-450	SPECIALIZED SIZES
Height (in)	162	162	212.5	144	Up to 18'
Width (in)	120	144	144	144	Flexible
Depth (in)	60	60	60	60	Flexible
20°F Delta T (Airside)					
Supply CFM Range	38,400 - 60,000	48,000-75,000	64,000-100,000	44,000-68,750	Up to 110,000
Cooling Capacity (kW)	235 - 360	290-455	390-610	268-420	Flexible
22°F Delta T (Airside)					
Supply CFM Range	38,400 - 60,000	48,000-75,000	64,000-100,000	44,000-68,750	Up to 110,000
Cooling Capacity (kW)	258-404	320-505	430-670	322-460	Flexible

Disclaimer: The performance of the Trane Fan Coil Wall is influenced by several factors, including air and fluid side design temperatures, fluid glycol percentage, site altitude, and fan location. Please consider these variables when evaluating performance data.

Advanced technology with 150 years' expertise behind it.

To meet the stringent cooling demands of colocation data centers, the new Trane Fan Coil Wall was developed through close collaboration between data center owners and Trane engineers, leveraging decades of precision climate control expertise.

The result is a next-generation platform, available in both standard and custom models, designed from the ground up for exceptional performance, flexibility, and scalability.

Trane's legacy in thermal management is rooted in innovation and adaptability, meeting the ever-evolving needs of our customers.

Offering a legacy of innovation and a future of reliability, Trane is your trusted partner in data center cooling.



To learn more about the Trane Fan Coil Wall,
visit [Trane.com](https://www.trane.com) or contact your Trane Account Manager.



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](https://www.trane.com) or [tranetechnologies.com](https://www.tranetechnologies.com).

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