

# UniTrane® Fan Coil Single Zone VAV Solution



## Terminal Transformed

UniTrane fan coil is an in-room heating and cooling unit. Now featuring standard ECM, it offers a single-zone VAV solution and up to 66 percent energy savings compared to other motor options.

### Fan Coil Flexibility

UniTrane fan coil heating and cooling units offer a wide range of features that allow customized device specifications:

- Unit sizes from 200 cfm to 1,200 cfm
- Chilled water, refrigerant, hot water and steam coils
- Single point power electric heat
- 1 inch throwaway, MERV 8 or MERV 13 filter
- Piping packages in a variety of configurations
- Touch-safe control box

### End Devices

A variety of end-device options provide more flexibility when configuring your system.

## Raising the Bar

Trane implemented leading-edge components with advanced capabilities to develop a suite of features focused on what you need.

### Streamlined Installation

Piping and controls are factory installed, configured and tested to your specifications. Optional Factory Addressed Air-Fi wireless option facilitates easy install and reduces the opportunity for errors during commissioning. This streamlines the job-site installation, ensuring faster setup, increased reliability and optimal system performance.

### Simplified Maintenance

The new VelociTach™ motor control board features an LED display and manual controls. This provides real-time feedback without the inconvenience of needing a remote service tool.

### Quiet Operation

Variable speed technology slowly adjusts the fan speed to meet a space's changing needs. This soft ramp technology maintains low fan speed and moderated air flow, delivering system performance 5 to 8 decibels quieter than three-speed models.

### Continuous Comfort

Innovative discharge air temperature control algorithms mean a space reaches the desired set point faster and occupants enjoy a more stable environment.

### Lighten Your Load

Exclusive Trane technology reduces the nameplate full load amps (FLA) of standard-size ECMs, eliminating the need for rewiring and bringing the benefits of single-zone VAV systems to retrofit and renovation projects.

# Creating a More Sustainable Future

## Breathe Easier

Indoor air quality is a crucial consideration in HVAC system design. Viruses, volatile toxins, molds and excess humidity may impact occupant health and structural integrity. UniTrane® fan coil units were designed with IAQ-conscious features.

Design Element	IAQ Impact
MERV 13 filter option (LEED®)	MERV 13 filters capture particles as small as 0.3–1.0 µm – this includes bacteria, smoke and dust – and can help earn a point toward a LEED certification.
Filter fit and accessibility	Securely fit filters eliminate leakage of unfiltered air. Easy filter access makes it more likely that filters will be changed on schedule.
Removable, sloped drain pan made of noncorrosive material	Sloped drain pans eliminate water accumulation and associated mold growth. Removable drain pans will not rust and are easily cleanable during routine maintenance.
Closed-cell insulation	Closed-cell insulation is accessible, cleanable and nonmoisture absorbing. This minimizes mold growth and reduces the risk of fiberglass particles contaminating the air.
Outside air damper	Introduces outside air to enhance air quality, manage comfort and save energy.
Fan and coil accessibility	Easy access to the fan and coil facilitate regular cleaning. A quick connect allows easy fan and motor removal for service.
ECM	Variable speed ECM technology means units operate at low speeds for more time. This improves dehumidification, a key factor for IAQ and comfort.

### UniTrane Fan Coil Models



Vertical Concealed



Vertical Cabinet



Vertical Cabinet Slope Top



Low Vertical Concealed



Low Vertical Cabinet



Vertical Recessed



Horizontal Cabinet



Horizontal Concealed



Horizontal Recessed

### Building Information Modeling (BIM)

Trane® has the BIM objects to support your building design. Pre-populated physical and performance data save time, increase accuracy and simplify the construction process.

### Trane Select Assist

To improve the ordering process, UniTrane fan coil units are now available through Trane Select Assist. Trane's efficient web-based selection software improves the accuracy of your selection process and generates easy-to-read reports.

Learn more at [trane.com/terminalunits](https://trane.com/terminalunits)



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

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