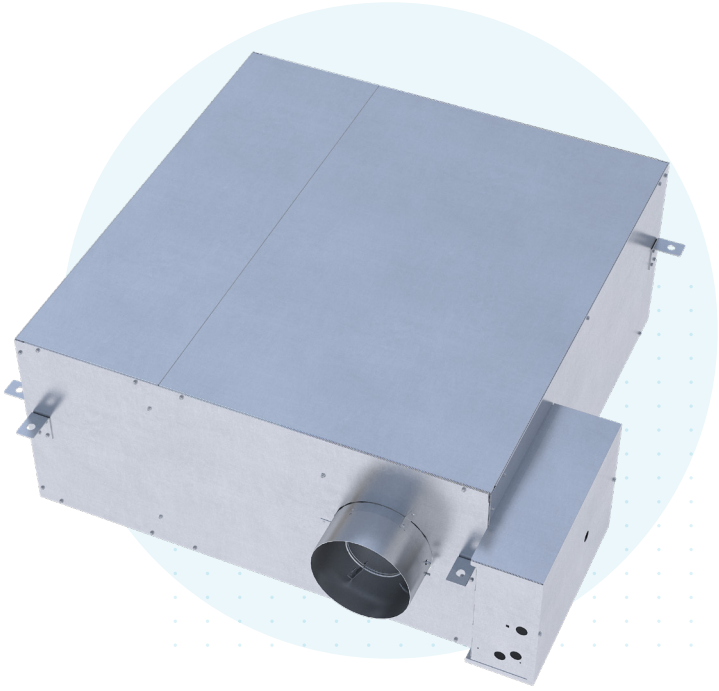
VariTrane® VAV Series Fan Powered Units

High performance and low noise.

In Variable Air Volume (VAV) systems, terminal units match HVAC supply to localized demand. From the exterior, all units look essentially the same. Below the surface, design differences can vary a lot. VariTrane units leverage Trane's expertise in both equipment and controls to deliver superior occupant comfort and energy efficiency—with improved acoustical performance.



Superior acoustics

Prevent noisy air flow. Trane's improved Suppressor integral attenuator reduces noise in occupied spaces at full and part load conditions. This design option makes VariTrane ideal for applications where acoustics are mission critical, including commercial real estate, health care and K-12 schools.

An all-around performer

VariTrane series fan powered units provide passive humidity management, great indoor air quality and exceptional energy efficiency. Trane's unique pre-programmed control sequences and factory controls commissioning make it easier to consistently maximize VAV benefits.

Making VAV Systems Better Than Ever

VariTrane fan powered units leverage Trane expertise in equipment, controls and system optimization. Standard configuration allows for left- or right-handed installation, without field modifications.

Factory Controls Commissioning—save time during startup

Factory commissioning ensures each VariTrane unit communicates and responds correctly within the VAV system, with minimal field work.

- Controller is installed and sensors are wired
- Unit configuration setup is complete
- Optimized controls sequences are loaded
- Airflow and temperature setpoints are loaded
- Air-Fi® Wireless receiver and controller are installed and factory addressed
- Duct temperature sensors are wired and mounted
- Water valve harness is wired

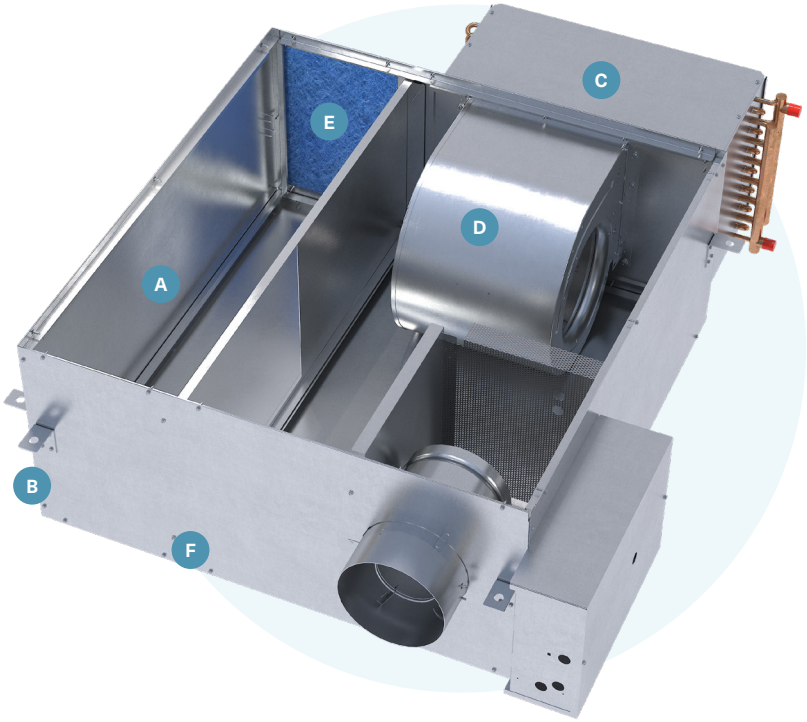
- Factory mounted and pre-programmed controls
- Top and bottom access
- Flip-able - Standard configuration allows for left or right-handed installation, without field modifications
- Airflow performance ranging up to 2500 CFM
- 1" total static pressure supports MERV-8 and -13 high efficiency filtration and increased PD of attenuators
- Construction quality and durability
- OEM nationwide support

Pre-programmed Control Sequences—optimize terminal unit performance

Trane programs VariTrane's factory installed controllers to optimize efficiency and comfort. Pre-programmed (yet customizable) sequences work in conjunction with Trane building automation systems to maximize VAV performance.

- Ventilation optimization
- Duct pressure optimization... and more.

Designed for Acoustics, Efficiency, and IAQ



VariTrane® Series Fan Powered Features

- **A** **Suppressor - Optional integral attenuator provides market-leading acoustical performance.**
- **B** **1.8 PCF density standard insulation - provides a barrier against fan noise.**
- **C** **Up to 4-row hot water heating coil - maintains heating capacity with lower hot water temperatures from electrified heating systems.**
- **D** **ECM with variable fan airflow control (ECV) - offers fan savings, reduced operational cost and better part load acoustics.**
- **E** **Optional MERV-13 filter - provides superior indoor air quality.**
- **F** **Small footprint - fits in narrower plenum spaces.**

ECM		
Fan Type		Airflow Range (CFM)
Small	180	1250
Medium	320	1800
Large	740	2400

PSC		
Fan Type		Airflow Range (CFM)
Small	160	1200
Medium	350	2100
Large	360	2500

Product Airflow Range			CFM														
			100	200	300	400	500	600	700	800	900	1000	1500	2000	2500	3000	3500
Fan Size	PSC Motor	Small															
		Medium															
		Large															
	ECM Motor	02SQ															
		Small															
		Medium															
		Large															

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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