

Trane Blower Coil

Single Zone VAV Solution



Ready for Any Application

The newly re-designed Trane® Blower Coil delivers on sustainability with over 50% reduction in casing leakage over prior designs, energy-efficient EC motors, and coils designed to meet decarbonization requirements. It also offers market-leading acoustical performance, enhanced static pressure capabilities for today's higher filtration requirements, and the flexibility you need to heat and cool your building.

Blower Coil Flexibility

Trane Blower Coil heating and cooling units offer options to be utilized in many building designs and markets.

- Up to 4000 CFM and 4" total static pressure
- Chilled water, hot water, VRF and heat pump coils
- Optional double wall construction
- Multiple filter options including a 2" pre-filter with 2" final combination filter
- Available with up to an 8 row coil
- Discharge and inlet sound attenuator option
- Piping kit with option for pressure independent control valve
- Touch safe control box and flexible controls options to suit your application

Raising the Bar

We used the implementation of leading-edge components with advanced capabilities as a springboard to develop a suite of features focused on what you need.

Streamlined Installation

Controls are factory installed and pre-programmed to meet your specification. Optional factory addressed AirFi wireless sensors facilitate easy installation and reduces the opportunity for error. Integral lifting brackets help with more robust shipping protection and straightforward installation. Pre-engineered piping kits with pressure independent control valve also save selection time and greatly reduce the need to balance your piping components on site. These factors ensure a faster setup, increased reliability and optimal system performance, making job site installation a streamlined process.

Simplified Maintenance

The 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. In addition, tool less filter access panels allow for quick and easy inspection and replacement.

Market Leading Acoustics and Quiet Operation

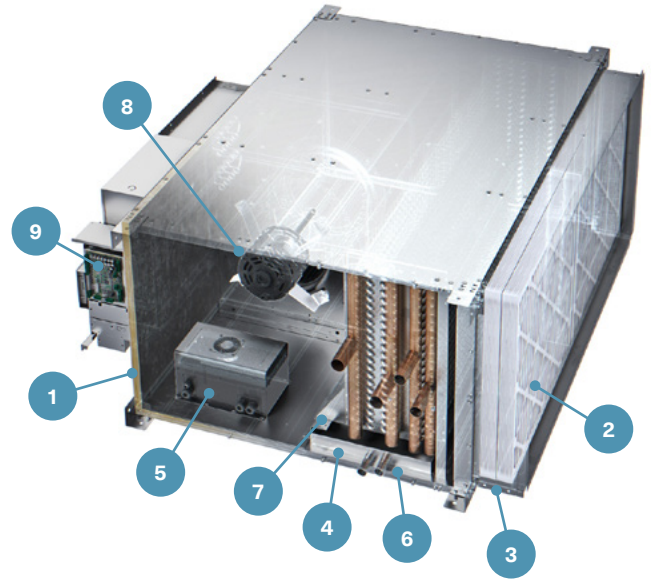
Re-designed casing construction yields much improved radiated sound performance. Soft ramp variable speed technology slowly adjusts the fan speed to meet a space's changing needs, while delivering system performance 5 - 8 decibels quieter than 3 speed models. Pre-engineered and tested inlet and discharge attenuators further improve the acoustic performance for an overall quieter unit.

Continuous Comfort

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

A Look Inside Our Newly Redesigned BCXE Model

	Design Element	IAQ Impact
1	Double wall casing option	Insures insulation fibers are out of the air stream and simplifies routine maintenance.
2	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.
3	Filter fit and accessibility	An optional bottom (horizontal units) filter access box is available to improve accessibility. Easy filter access facilitates scheduled changes. Tool less service enhances easy serviceability.
4	Removable, sloped drain pan	Sloped drain pans eliminate water accumulation and associated mold growth. Removable drain pans are easily cleaned during routine maintenance.
5	Increased static pressure capabilities	No need to sacrifice capacity for higher efficiency IAQ options with 4" TSP capabilities.
6	Non-corrosive drain pan	Drain pan will not rust and minimizes the possibility of drain clogs, preventing water accumulation.
7	Coil mounting	Coils are conveniently mounted above the drain pan on rails so they can slide in and out for easy cleaning.
8	EC Motor	Variable speed ECM technology means units operate at low speeds for more time. This improves dehumidification, a key factor for IAQ and comfort.
9	Factory programmed mounted controls	Provides improved part load dehumidification



New BCXE unit shown in illustration

Fans that Deliver Efficiency

Direct drive fans with EC motors are more reliable and lower maintenance than belt driven fans. They eliminate belt drive energy losses and create less vibration, resulting in a quieter, more efficient unit.

Easy to Integrate into Your Design

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

Visit trane.com/terminalunits for more information.



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