

Trane Performance Climate Changer Air Handlers

Creating optimal learning environments



An air handler you need to meet your needs—and your budget

Schools need quiet, comfortable environments that facilitate learning. And just as important, school districts need affordable HVAC systems. Quiet, efficient Trane® Performance Climate Changer™ air handlers are solidly built with just the features you need—and are available with your choice of options to reduce sound output and increase energy efficiency even further.

Factory mounted controls

Trane Air Handling Units offer the most comprehensive factory mounted control options that utilize industry standard open BACnet protocols. Selecting factory mounted controls reduces installation time and expense, while ensuring system consistency and reliability. Symbio® unit controls link the air handler with your building automation system, providing 24/7 access to your equipment and data that arms you with the knowledge to optimize your building's operation.



Quality indoor environments are key to learning

Children need quiet, comfortable spaces for effective learning. School districts need the lowest possible utility costs. Trane® Performance Climate Changer™ air handlers deliver quiet, energy-saving performance to meet the needs of children—and the school districts that serve them.

Designed to meet your budget

Budgets continue to be stripped of essential funding. But with Trane, schools can still get the air handlers they need with energy efficient features that will continue the savings into the future.

- Advanced energy recovery options include AHRI 1060-certified energy wheels, which recover energy from the exhaust air stream, transferring it to the air being distributed throughout a building and reducing the workload on chillers and boilers, lowering energy use and utility bills. Air-to-air plate heat exchangers are a great solution to recover sensible energy (heat only) from an exhaust air stream, with little or no cross-contamination. These exchangers may also be used for free reheat in dehumidification applications, including dedicated outdoor air systems. Where exhaust air is not available, exchangers can be used in series to heat the dehumidified air.
- Superior casing construction delivers low air leakage rates and up to 30 percent lower energy consumption.

Simpler maintenance and more-reliable operation

Trane® air handlers are engineered to be easy to live with throughout their long life cycles, with easy-to-perform maintenance procedures and rugged, durable construction that's built to last.

- Routine service like filter changes is straightforward, uncomplicated and can be completed quickly.
- Quiet, direct-drive plenum fans have no belts requiring tension adjustment or changing, for years of reliable service.

Engineered for easier installations

Trane understands that new air handlers often are ordered to replace older units, which can mean fitting into tight spaces. That's why our air handlers are engineered with removable panels, and can have multiple shipping splits, making it easier to navigate through narrow spaces.

Improved air quality

Comfortable spaces allow children and teachers to focus on education. Trane air handlers offer multiple strategies to deliver superior indoor air quality.

- The Trane Catalytic Air Cleaning System (TCACS) can dramatically improve indoor air quality, reducing levels of organic and inorganic airborne contaminants—including disease-causing bacteria and viruses.
- AMCA 611-certified Traq™ airflow monitoring and measuring dampers ensure appropriate levels of outside air to help maintain good indoor air quality without the excessive energy consumption associated with over-ventilation.



Minimal classroom disruptions for maximum learning

Trane Performance Climate Changer™ air handlers come with standard features for quiet environments as well as additional features for advanced sound-reduction needs.

Direct-Drive Plenum (DDP) fans provide quieter operation than belt-driven fans.

Trane: Making buildings better for life

At Trane, we have over one hundred years of experience helping customers around the world improve learning environments and achieve better financial and operational performance.

For more information about Trane air handler solutions for schools, visit trane.com/PerformanceAHU 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 or tranetechnologies.com.

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