



TRANE[®]

Vertical Classroom Unit Ventilator

Comfort Seen...

Traditionally speaking, most clever "thinkers" like to be accused of "thinking OUTSIDE of the box." They believe that by being an "OUTSIDE box thinker," better technology and innovative concepts can be achieved. At Trane, we believe there is much to be said about "thinking INSIDE the box."

While on the outside, we look very similar. Open "the box," and you will see why Trane believes "INSIDE the box thinking" leads to extraordinary changes. Through this modernization, Trane's introduces their finest classroom unit ventilator. It is bold, innovative, and provides technology advancements in acoustics, quality, aesthetics and equipment certification.

The new unit ventilator design is tailor-made for today's stringent classroom environment. Its sleek, new look, combined with its authentic approach to heating, cooling and ventilation makes it a mechanical system choice for many school districts.

Unheard Of Acoustic Performance

A top issue facing teachers today is classroom noise. Who needs additional noise in the classroom from the HVAC system? Trane's new unit ventilator includes significant enhancements such as a larger, optimized fan design, rigid fan and motor assembly to eliminate vibration, and more internal attenuation all targeted to enhance the learning environment. Fan speed control allows further reduction in noise through a wide range of airflow settings and is easily accessible, giving



750 to 1500 cfm Vertical Classroom Unit Ventilator

complete control to the administrative staff. And, new advancements in digital controls - Trane Tracer controls - have the ability to vary airflow based on the heating or cooling requirements in the classroom. This provides an opportunity to lower fan noise, while inherently increasing the system performance.

Trane's unit ventilator was strictly tested and rated in accordance to ARI-350 sound standards. We offer several features as part of the design to help abbreviate noise without the loss of proper ventilation.

A Healthy Learning Habitat

Supplying a healthy place for students to learn and develop is crucial in every school district. It is also crucial to the maintain-ability of the buildings overall construction and furnishings. The new unit ventilator design incorporates a blow-thru arrangement permitting the heating/cooling coil to be cleaned without difficulty. To further enhance the IAQ strategy, the drain pan's dual sloped design removes condensate quickly. And because it is made from non-corrosive material, it sustains a long durable life free from rust or deterioration.

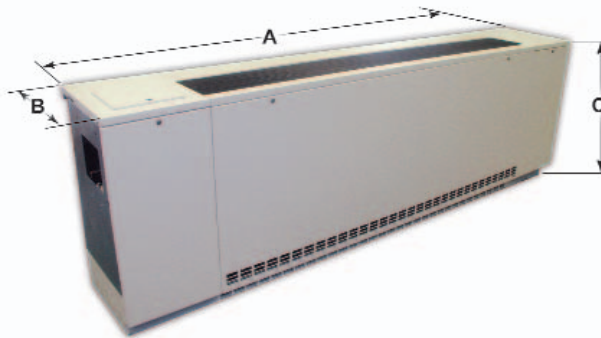
...Not Heard

Value & Benefits

Tangible Enhancements

Trane has advanced the classroom unit ventilator in forward thinking design, and pushed the envelope in equipment development. While all unit ventilators may look the same on the outside, it's the progressive evolution on the inside of the unit that really counts.

- Optimized acoustical performance
- Three speed fan control
- Blow-thru design
 - Best coil freeze protection
 - Discharge air sound attenuation
 - Fan blade protection
 - Coil accessibility
- Indoor Air Quality (IAQ) drain pan
 - Non-corrosive Polymer material
 - Dual sloped
 - Removable and accessible
- Ultra low leak outside/return air damper
- Maximum end pocket space
- Turn-key unit design
 - Factory mounted and commissioned Direct Digital Controls (DDC)
 - Factory mounted piping package with control valves, ball valve, flow control and pressure/temperature ports
- Three piece front panel
- Increased coil flexibility
- ARI-840 certified performance
- Seismic certification to IBC2000 requirements



Trane's classroom unit ventilator was specifically designed with maximum maintain-ability and performance in mind.

Unit Size	Nominal CFM	A Length (in)	B Depth (in)	C Height (in)	Falseback Depth (in)
075	750	69	16 5/8	30	4 5/8
100	1000	81	16 5/8	30	4 5/8
125	1250	93	16 5/8	30	4 5/8
150	1500	105	16 5/8	30	4 5/8

Uncompromising Quality

Trane's unit ventilator will not compromise air quality to support a minor reduction in noise. We encourage our engineers to specify their airflow needs at full building load requirements. Fine tuning of the speed setting may be interchanged through the unit's 3-speed fan sensor (quickly and easily). This mechanical feature ensures that the equipment supplies proper cfm to support IAQ in the space, while giving complete control of the equipment noise to the administrative staff.

manufacturers. Trane is committed to providing the highest quality equipment to their customers. They were the first, and continue to be one of the few manufacturers to specifically design, test and receive certification on their equipment to the Air Conditioning and Refrigeration Institute Standard - ARI 840. This rating ensures that strict industry standards for delivering proper fresh airflow and product performance are incorporated into each Trane unit ventilator.

The Importance of Equipment Certification

Comfort, energy and IAQ are all major issues that need to be woven into today's school designs. Therefore, it is important that designers have accurate information to make application decisions. That is why the industry has developed performance standards and certification programs to ensure that the equipment information provided to the design community is correct and comparable across different

Other listings included for Trane's unit ventilators are seismic certification to IBC2000 requirements - safeguards the equipment against seismic activity, and ARI 350 - rated in accordance for consistent and accurate sound design data. These certifications/programs imply a benchmark for all HVAC manufacturers to use when building and testing their products.



Trane
A business of American Standard Companies
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Stocking Location Inland

Trane has a policy of continuous product and product data improvement and reserves the right to change design and specifications without notice.