



Trane Air Rotation Units

We're all in.





This changes everything.

Air rotation units for large open spaces are undergoing a big transformation.

Before... Chasing down multiple suppliers to assemble a system made results unpredictable and logistics a hassle.

Now... Trane offers a turnkey solution. Get the air rotation unit, chiller/condensing unit, controls and service—completely from Trane.

Maximize the comfort zone.

Trane Air Rotation Units help to improve air quality and prevent floor-to-ceiling temperature stratification. Occupants on the floor can stay comfortable and happy. Meanwhile, sensitive equipment or inventory up close to the ceiling stay in the safe zone, too. Trane controls connect to building management systems, so you can easily oversee space conditions 24/7, even remotely. And, with no inside ductwork, you'll maximize square footage for uses like production or warehousing that are critical to your bottom line.

Trane Air Rotation Units

2-3 air changes per hour

2° F temperature difference per 12 ft. of height

Up to 250 ft. of air throw

No ductwork

Choice of chiller/condensing units: VRF, heat pump and more

Controls enable remote monitoring and BMS connectivity

Step up sustainability.

Whether the goal is to use less energy or completely decarbonize, air rotation units embody four important sustainability principles.

- **Reduce.** Compared to rooftop units, Trane Air Rotation Units deliver up to 30-70% energy cost savings in a typical 15,000 sq. ft. facility.
- **Optimize.** Pre-programmed controls follow best practices for energy efficiency.
- **Decarbonize.** When specified with a heat pump, the system can be 100% electric.
- **Reuse.** Relocate units if you move. Units are completely portable, so they reduce waste and avoid the environmental impacts of manufacturing and transporting a new system.

A single unit handles up to 150,000 sq. ft. of floor space.

Large, open spaces pose special HVAC system challenges. Rooftop units will get the job done, but it can take many units to sufficiently serve the space. Cost—and complications—rise with the addition of ductwork, extra weight and rooftop modifications. In contrast, air rotation units stand on the ground, typically outdoors, and require no ductwork or special rooftop support.

Less system complexity means more lifecycle savings.

A typical air rotation unit provides 25 years of service, and you'll love it right from the start. Less complexity means more lifecycle cost savings, and air rotation units have fewer components to install and maintain. Plus, ground-level access for service and maintenance keeps technicians safely off the roof.

Air Rotation Units can lower installation cost by up to 50%.

- Fewer units
- No ductwork
- Joint reinforcement
- Less electrical circuits and natural gas connections

Four Good Reasons to Go with Trane

1. Single source for the air rotation unit, chiller, controls, installation and service.
2. Flexible system design, using heat pumps, VRF and additional chiller options
3. Customizable units, up to 75 ft. tall
4. National Service Coverage

Focus Segments



Warehouses



Distribution Centers



Gymnasiums and Sports Complexes



Food and Beverage Processing

Is Trane Air Rotation right for your project?
Ask your Trane Account Manager.



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