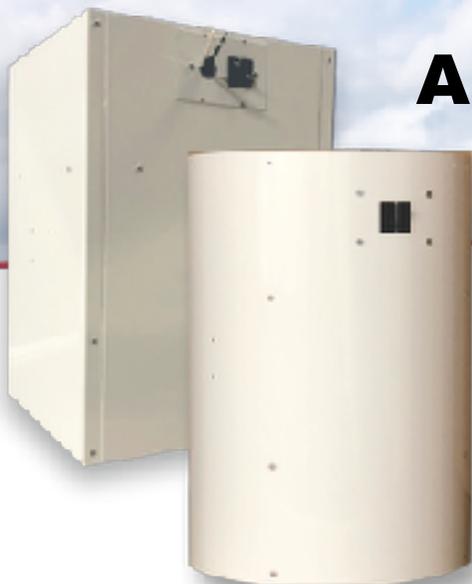


Air-Row for Open Ceilings



Control your environment, solve building problems and cut energy costs with today's best performing destratification fans.

Air-Row Fans use what you already have — the trapped air at the ceiling — to equalize the temperature down below. In the process, we allow your HVAC system to cycle off and bring you significant energy savings.

Air-Row's open ceiling products push air down in a column no wider than 4' from as high as 40' without a spread that interferes with cases below.

Our square fans are common in warehouse applications, while the round fans were developed in answer to customer demand for a more sophisticated retail aesthetic.



Air-Row De-Strat Fans Bottom-Line Advantages

- Cut HVAC-related energy costs by as much as 30%
- Extend the performance life of HVAC equipment
- Maintain dry floors and prevent accidents for improved customer safety
- Redistribute air and eliminate stale air to improve air quality standards
- Improve overall comfort for employees and customers
- Target air to strategically resolve building challenges
 - Hot and cold spots
 - Wet floors
 - Fogging/sweating on doors and windows
 - Mold/mildew build-up
 - Starving long-runs



Air-Row Fan Company
421 Industrial Drive
Carmel, IN 46032

Phone: 317-574-1009
Email: orders@airrowfans.com
Web: www.airrowfans.com



MADE IN USA

Air-Row F-18 and F-18R



Performance

Speed	RPM	Full Load Amps	CFM	Running Watts
High	1,500	0.35	630	23
Low	1,000	0.17	445	8

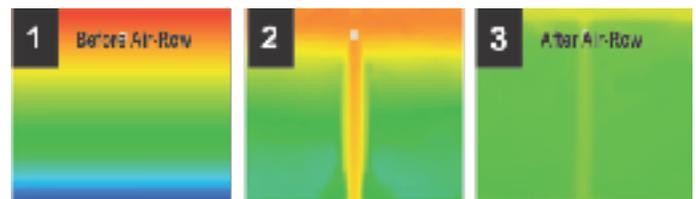
Features and Options –

- **Motor** - Air-Row Fan products come standard with a 92% efficient EC (Electronically Commutated) motor. These high quality 5-bladed EC motors come thermally protected and multi-speed programmable.
- **Durability** – Air-Row Fans are created of durable aluminum for long-life and exceptional performance years after installation. The unique aluminum design is more durable, customizable, and environmentally friendly.
- **Field Serviceability** – Air-Row Fans open concept design gives easy access for quick and simple maintenance and repair.
- **Customization** – Air-Row Fans are the most customizable destrat fan on the market. From store slogans and logos, to any custom color.
- **Speed Control/BAS Interface** – Air-Row fans may be grouped or independently wired to a custom wall switch for on/off and multi-speed capabilities. Air-Row products can also be controlled through an integrated circuit, which provides interface with building management systems.
- **Color Matching** – In recent years, Air-Row's ability to custom color match has been a huge success. All Air-Row Fan products can be professionally color matched to conform to any store environment.

The Science of Destratification –

The key contributor to energy waste in buildings is stratified air. Stratification happens when warm air is pushed upwards by much denser cold air, which then triggers the heating system. As this cycle continues, layers of hot air are trapped at the ceiling.

Heat rises at 0.7° F for each foot of vertical height. In a typical building, this makes it 15° F warmer at the ceiling than the floor. Our fans gather this hot air at the ceiling to narrow this temperature differential. Every 1° decrease in temperature is 1.5-2° in energy savings.



Thermal Imaging Before and After Air-Row Fans

The impact of our fans on air distribution and energy savings cannot be understated. IMAGE 1 shows the waste in air trapped at the ceiling. In IMAGE 2, our fans are bringing the trapped air to the floor. The results of destratification can be seen in IMAGE 3, where temperature has been evened.



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