



Call us for full prices  
and details  
800-LOC8 (5628)

## ONE REVOLUTION AFTER ANOTHER.

**With the Rite-Hite Revolution, you get more. More air movement. More employee comfort. More energy savings. All with the fewest blades of any HV/LS fan on the market.**

**Traditional ways of moving air in a large facility just don't cut it.** High-volume air movement from conventional high-speed ceiling or industrial floor fans is unpleasant and disruptive. Air speeds beyond four or five miles per hour usually offer little, if any, added cooling benefit. High-speed fans are expensive to operate and many are required for effective cooling. And they can't destratify air to keep temperatures consistent from floor to ceiling. Large, high-volume/low-speed (HV/LS) fans offer big benefits over high-speed ceiling or floor fans, by circulating and dispersing air more efficiently and effectively.

**Increased employee comfort and productivity.**

In summer, air from a high-volume/low-speed fan gently passes over your employees to keep them cooler, comfortable and productive. In winter, the same fan pushes air from the ceiling down to the floor to keep employees warmer.

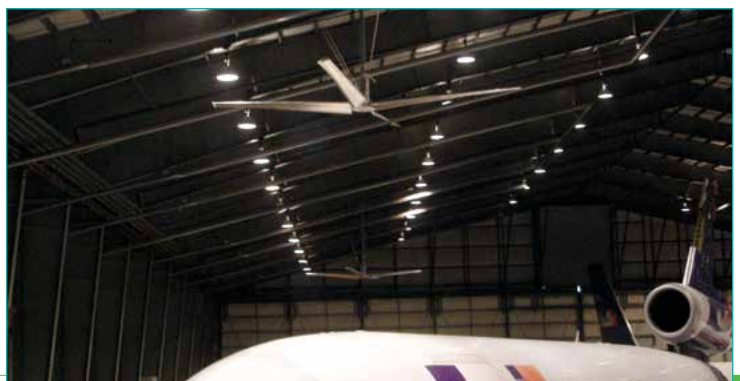
**Greater energy efficiency and cost savings.**

A large Revolution Fan costs just pennies an hour to operate and can lower your energy costs by as much as 30%.

**Better circulation and ventilation.**

A Revolution Fan continuously circulates air within a facility, helping keep floors and products drier where needed. At Rite-Hite, we're putting a whole new spin on HV/LS fan performance.

- MORE AIR MOVEMENT
- MORE EMPLOYEE COMFORT
- MORE ENERGY SAVINGS



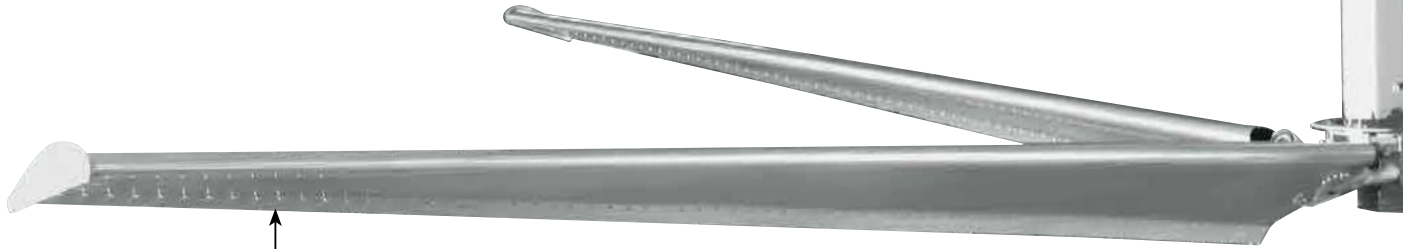
# PROJECTS INDUSTRIAL CEILING FAN

## Additional Benefits of Revolution Fans:

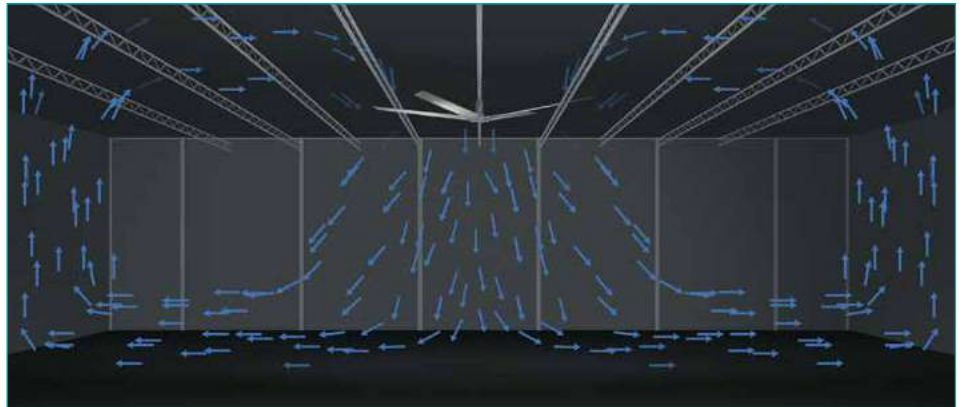
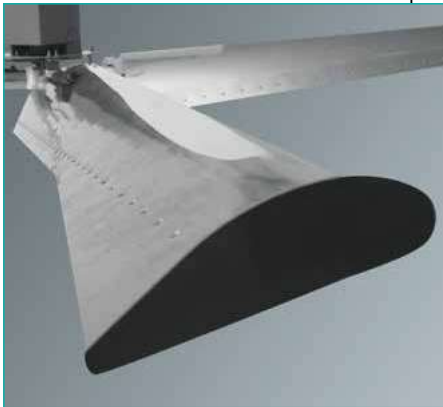
- Cooler workers make less errors and work more safely.
- Improved Air Circulation & Ventilation:
  - Reduce condensation on floors
  - Help keep products and packages dry
  - Minimize energy loss
  - Improve quality control for stored products by keeping temperatures consistent from floor to ceiling

## Eliminate smaller fans:

- Provide a safer work environment
- Reduce clutter and open up floor space
- Reduce potential for eye injuries
- Reduce noise
- Reduce maintenance costs
- Use less energy (see chart on opposite page)
- Free up low voltage power



## MOVE MORE AIR TO EVERY CORNER OF YOUR FACILITY.



### Unique Propell-Aire™ blade design

- Made of strong, durable, lightweight aluminum
- Varies in width along entire length of blade
- Ideal contour and twist for maximum air movement
- Complex jig-formed shape is not possible with extruded blades

### Upward blade tilt

- Increases airflow and reach
- Extends reach of air movement up to 85 feet from the fan's center in all directions
- Directs air outward from fan's center in a conical shape

### Optimized airflow

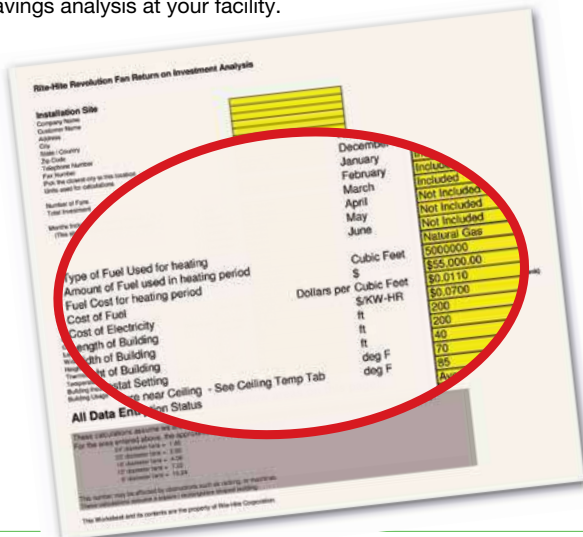
- Stronger, more uniform air velocity
- No dead air "holes" under center of fan
- Moves more air than other fan designs
- Available in 8', 12', 16', 20' and 24' diameters
- Available in 2 or 4 blade configurations

## GO "GREEN" WITH HV/LS FANS.

### STOP WASTING ENERGY AND START SAVING MONEY IN YOUR FACILITY.

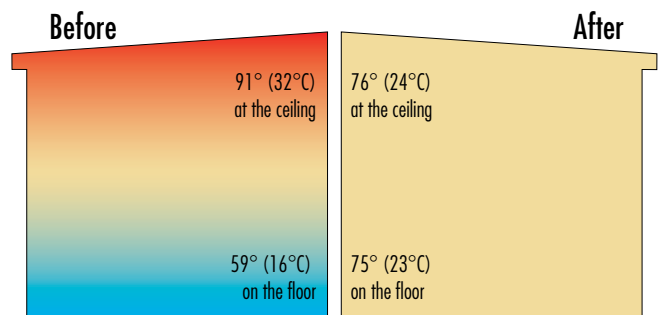
#### Determine your Return on Investment.

Your Rite-Hite Representative can perform a free energy savings analysis at your facility.



#### Winter Savings

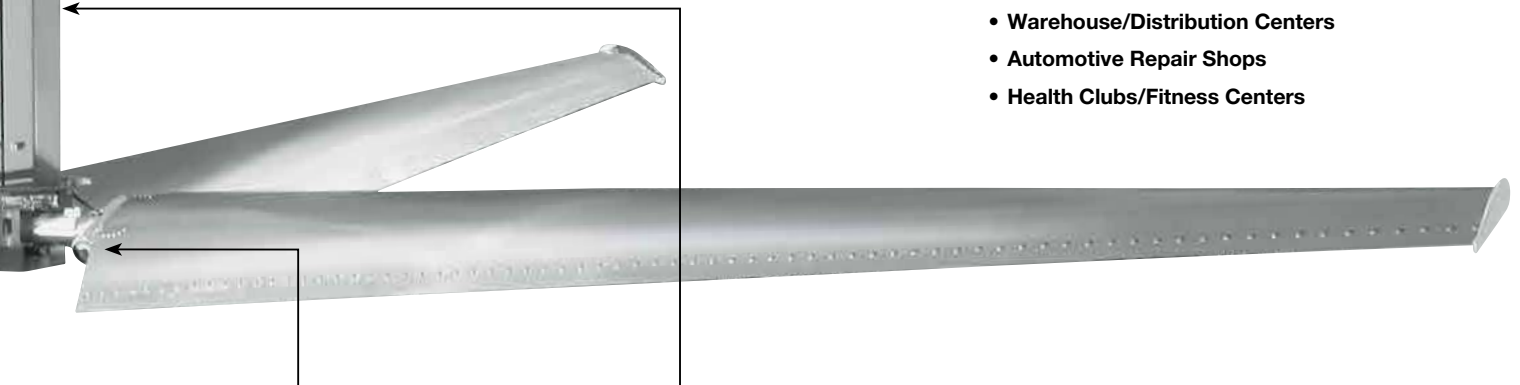
Reduce heating bills by 20–30% when you use a Revolution Fan to gently mix warm air from the ceiling with cooler air below.



Generally, the temperature rises 0.5° to 1°F for every foot in ceiling height above the thermostat. The Revolution Fan helps keep temperatures consistent from floor to ceiling.

## APPLICATIONS

- Aviation Facilities
- Gymnasiums/Athletic Facilities
- Manufacturing Facilities
- Warehouse/Distribution Centers
- Automotive Repair Shops
- Health Clubs/Fitness Centers



### Resilient blade/hub connection

- Vibration-absorbing material reduces stress to the hub by 50 to 75%
- Rotationally balanced blade/hub
- Used for over 40 years in the most demanding applications worldwide
- Designed for over 10 times the force and stress generated by the Revolution Fan

### Robust mounting system

- Stabilizing cables, beam clamp and motor housing
- Extruded, precision-milled aluminum hub
- Three-way motor-to-hub safety

### Simple, easy-to-use controls

- UL listed to U.S. and Canadian Safety Standards NEMA 12/13 control box
- Solid State variable-frequency drive
- Touch-Safe components
- Remote mounted control options operate up to 30 fans

## SUMMER SAVINGS

**USE REVOLUTION FANS INSTEAD OF AIR CONDITIONING OR TO SUPPLEMENT EXISTING AIR CONDITIONING FOR EMPLOYEE COMFORT.**

- The cooling effect of the breeze from a Revolution Fan at full speed is up to 15 degrees.
- The wind from an HV/LS Fan allows up to a 5 degree increase in thermostat setting with no change in employee comfort. Electric bill savings is 4% for each degree, saving up to 20%.

### Compare energy use when replacing ten less efficient fans.

Type of Fan	Electricity Type	Cost to run per week*	# of weeks	Total cost/year*
One 24' Revolution Fan	3.15A/460V	\$4	26	\$104
Ten 2' Fans	6.4A/115V	\$21	26	\$546
Ten 3' Fans	8.1A/115V	\$26	26	\$676
Ten 4' Fans	9.1A/115V	\$29	26	\$754

\* Based on \$.07/kwh, 40 hours per week and fans running at full speed.

