



SPECIALIST ACCESS WAY SOLUTIONS



RITE-HITE HVLS FANS

A REVOLUTION IN COST, COMFORT AND DESIGN



HVLS FANS

A change is in the air.

A fundamental change in building environments. The comfort. The efficiency. The aesthetics. And, above all, the cost. This changes everything. Rite-Hite high volume, low speed fans.

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 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 (HVLS) fans offer big benefits over high-speed ceiling or floor fans, by circulating and dispersing air more efficiently and effectively.

Increased comfort and productivity.

In summer, air from a HVLS 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%.



The original Revolution.

Delivering the most air movement of any HVLS fan on the market, Rite-Hite Revolution customers have been feeling the benefits all around the world. With diameters up to 24', the Revolution is ideal for large buildings with high ceilings.

One Revolution deserves another.

Introducing the Revolution SP. All of the same benefits of the original Revolution, designed for smaller spaces where aesthetics are important. With standard polished blades or painted blades to blend into your environment, the Revolution SP provides a customized style with performance.

A Revolution that's spreading.

Where you'll now find Rite-Hite Revolution fans:

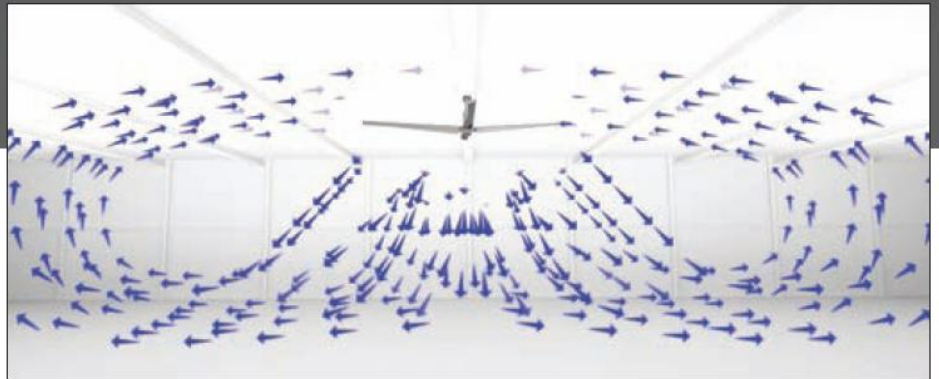
- ▶ Warehouses
- ▶ Distribution centers
- ▶ Factories
- ▶ Office buildings
- ▶ Schools and universities
- ▶ Retail stores
- ▶ Government buildings
- ▶ Airports
- ▶ Gymnasiums
- ▶ Hotels
- ▶ Commercial buildings

Rite-Hite fans are a simple upgrade for an existing structure. And a smart, economical, green design for a new building. Rite-Hite fans create comfortable, productive environments for work, play, learning, living. What's the best point to bring us in? Whatever point you're at.

HVLS FANS

The Revolution that started it all.

It started as an idea. And then quickly became a Revolution. Revolution HVLS fans. Today's standard for high-performance building environments.



VisionAIRy Design

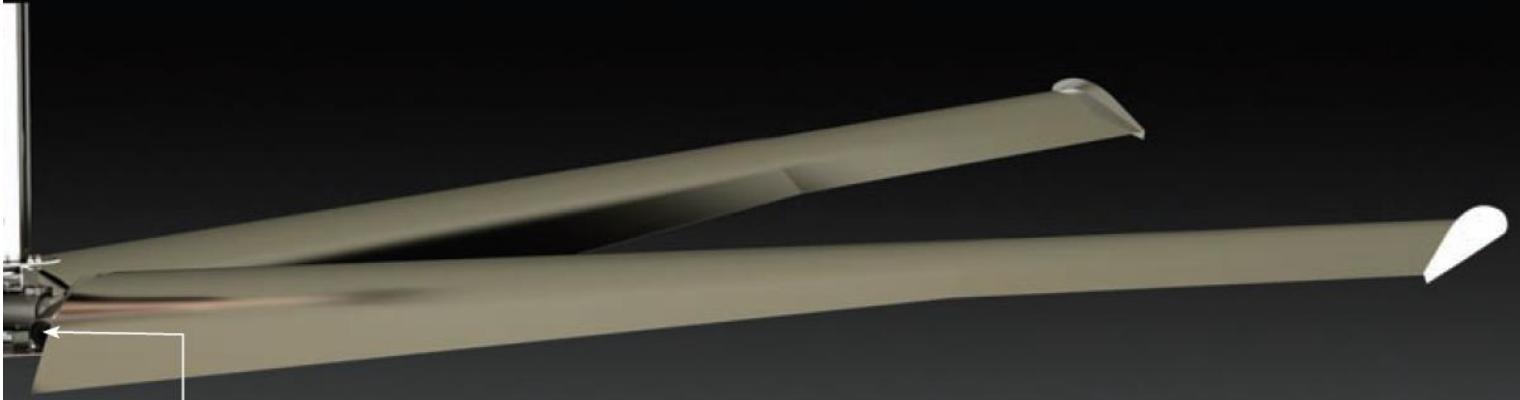
- ▶ Propell-Aire™ custom aluminum blade with Vortex Tips, incorporates tilt, taper & twist to provide consistent airflow across the entire length of the blade.
- ▶ Available in 8', 12', 16', 20' & 24' diameters
- ▶ Available in 2 or 4-blade configurations
- ▶ Custom colors & logos available

LegendAIRy Performance

- ▶ Provides the greatest air flow of any HVLS fan on the market
- ▶ High performance design moves air up to 85' from the fan's center in all directions
- ▶ Uniform air flow eliminates dead air holes under the center of the fan
- ▶ Upward blade tilt creates a conical air flow that lifts air off the ground, creating a more comfortable environment

HVLS FANS

REVOLUTION[®]
HVLS FANS FROM **RITE-HITE**



ExtraordinAIRy Construction

- ▶ Extruded, precision-milled aluminum hub and bolt
- ▶ Vibration-reducing material reduces stress to hub by 50% to 75%
- ▶ Rotationally-balanced blade/hub for superior performance



- ▶ Three-way motor-to-hub safety connection
- ▶ Solid design with 40-year track record
- ▶ Stabilizing cables, beam clamp & motor housing



Controls

- ▶ Simple on/off switch
- ▶ Adjustable speed control
- ▶ Solid-state, variable-frequency drive
- ▶ Lockout/Tagout capable

Fan Commander

- ▶ Remote mounted, touch screen control box for operation of up to 18 Revolution fans
- ▶ Relay input control for easy on/off interface
- ▶ Optional ethernet port for network access

HVLS FANS

Style with Performance.

Yes, you can have it all. Fans that move air in entirely new ways. That take comfort to new highs and costs to new lows. And with a look that's nothing short of Revolutionary. The Revolution SP fans. Form and function. In perfect balance.



ContemporAIRy Design

- ▶ Polished aluminum blade with Vortex tip combines style with performance
- ▶ Available in 8', 10' & 12' diameters
- ▶ Designed for smaller spaces where aesthetics are important
- ▶ Available in 4 blade configuration
- ▶ Custom colors available



ComplimentAIRy Performance

- ▶ Stylish design moves air up to 50' from the fan's center in all directions, providing a comfortable & quiet air flow
- ▶ Supplement existing HVAC

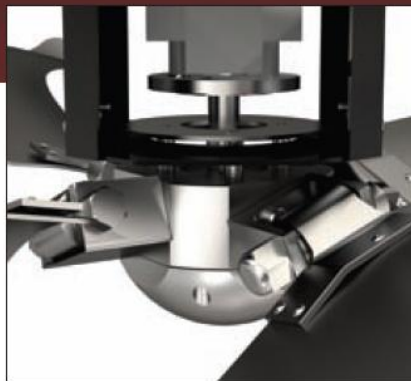
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- ▶ Vibration-reducing material reduces stress to hub by 50% to 75%
- ▶ Rotationally-balanced blade/hub for superior performance



- ▶ Three-way motor-to-hub safety connection
- ▶ Solid design with 40-year track record



Controls

- ▶ Simple on/off button
- ▶ Adjustable speed control
- ▶ Operates in forward or reverse
- ▶ Remote mounted solid-state, variable-frequency drive
- ▶ Fits into standard electrical housing

Fan Commander

- ▶ Remote mounted, touch screen control box for operation of up to 18 Revolution SP fans
- ▶ Relay input control for easy on/off interface
- ▶ Optional ethernet port for network access

HVLS FANS

Cost savings at every turn.

A major energy thief. Air.

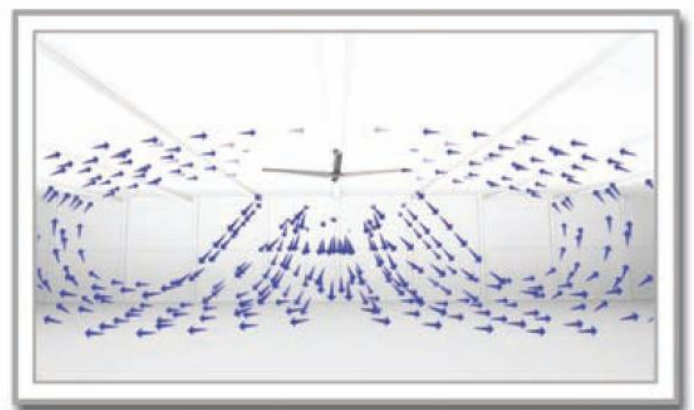
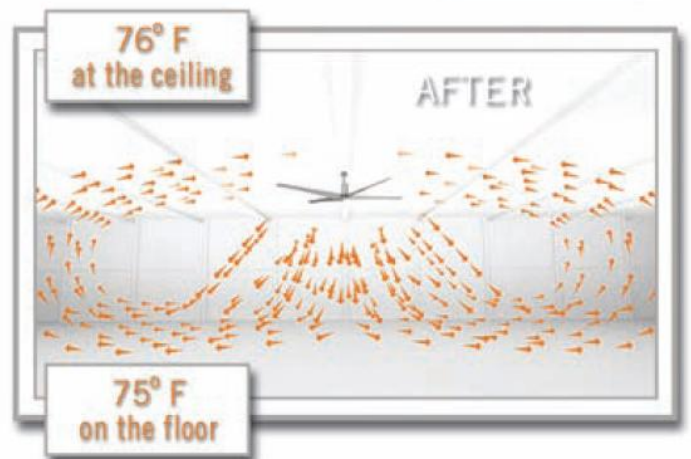
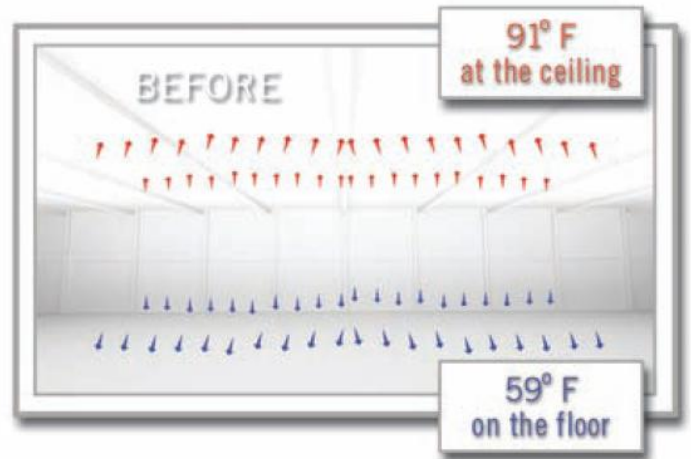
- ▶ Uneven temperature zones waste energy and dollars
- ▶ Rite-Hite Fans make your HVAC systems more efficient
- ▶ Reduce energy consumption by 20% to 30%
- ▶ Eliminate the cold and hot zones – and save money
- ▶ All the comfort – without all the cost

How we save you money in the winter.

- ▶ Mix warm air from the ceiling with cooler air below – a process called de-stratification
- ▶ The fan gathers air and pushes it down in a conical shape until it reaches the floor
- ▶ The air then flows out horizontally in all directions from under the center of the fan, filling the air column
- ▶ Reduce energy consumption by up to 30%

How we save you money in the summer.

- ▶ Moving air is more comfortable
- ▶ A 2-3 mph increase in air speed delivers the equivalent of a 7-11 degree decrease in room temperature
- ▶ A Rite-Hite HVLS fan allows you to raise the summer temperature setting three, four, even five degrees
- ▶ 4% energy savings for every degree you can raise your setting
- ▶ Reduce energy consumption by up to 20%
- ▶ The perfect supplement for your A/C system



HVLS FANS

Pushing air down. And costs.

Traditional floor or smaller ceiling fans, can cost 5 to 7 times more to run as one HVLS fan. Additional benefits of HVLS fans vs. floor or wall-mounted fans include:

- ▶ Safer work environments
 - ▷ Eliminate trip hazards
 - ▷ Reduce potential for eye injuries
 - ▷ Reduce noise
- ▶ Reduce maintenance costs
- ▶ Free up low voltage power outlets

Better fans for better environments.

While the dollars saved by reducing your energy costs can provide a real return on investment, additional benefits include:

- ▶ Help eliminate heat stress
- ▶ Reduced condensation on the floors
- ▶ Reduced condensation on products and packaging
- ▶ Improved Indoor Air Quality (IAQ) by dispersing fumes and odors

Join the Revolution.

- ▶ An airplane hangar in Florida kept technicians cool and eliminated a problem with birds nesting above airplanes.
- ▶ A food distributor in Wisconsin was able to eliminate food spoilage by keeping temperatures consistent from floor to ceiling.
- ▶ A metal recycling plant in Alabama was able to eliminate rust from expensive metals.
- ▶ A beverage distributor in Minneapolis was able to dissipate diesel fumes from their drive-thru application.
- ▶ A distribution center in Las Vegas was able to reduce the number of evaporative (swamp) coolers used during the summer by 50%.

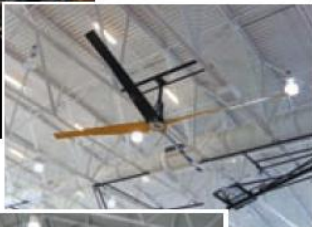
How can you use a Revolution?



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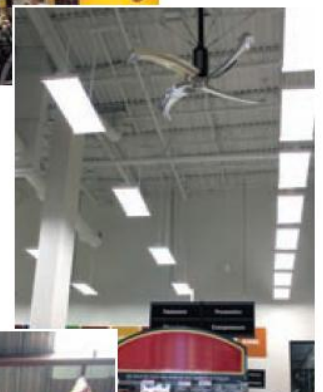
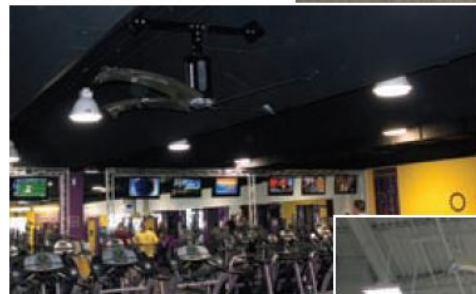
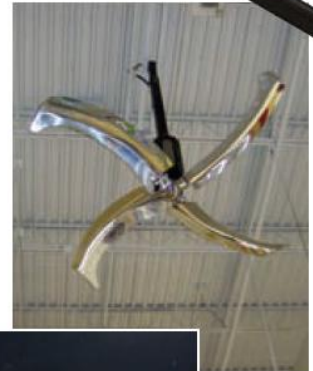
DIAMETERS	8', 12', 16', 20', 24'
BLADES	Aluminum
BLADE FINISH	Mill-finish standard, custom colors optional
# OF BLADES	2 or 4
CFM	Up to 428,000 (24' diameter, 4 blade)
MOTOR	2.0 hp
VOLTAGES	230, 400, 480, 575
PHASE	1 or 3
AMPS	3.2A @ 480V
WATTS	1000 - 1500
FREQUENCY	50 or 60 Hz
COVERAGE	Up to 22,000 sq ft 85' from the fan's center in all directions
DECIBELS	40 to 63 dBA depending on fan speed (measured 20' below and 20' from the fan's center)
AIR SPEED	Up to 7 mph at full speed
CONTROLS	Variable speed
MOUNTING HEIGHTS	15' to 80' from finished floor to bottom of blade
WEIGHT	300 lbs
WARRANTY	3-year parts & 1-year labor 10-year structural Lifetime on workmanship of blades & hub 1-year money-back customer satisfaction guarantee



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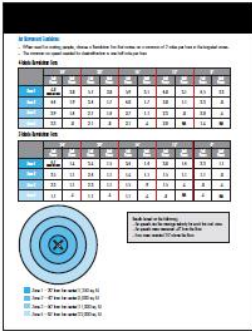
DIAMETERS	8', 10', 12'
BLADES	Aluminum
BLADE FINISH	Polished standard, custom colors optional
# OF BLADES	4
CFM	Up to 100,000 (12' diameter, 4 blade)
MOTOR	1.0 hp
VOLTAGES	120, 230, 400, 480, 575
PHASE	1 or 3
AMPS	3.2A @ 230V
WATTS	500 - 750
FREQUENCY	50 or 60 Hz
COVERAGE	Up to 7,800 sq ft 50' from the fan's center in all directions
DECIBELS	38 to 43 dBA depending on fan speed (measured 20' below and 20' from the fan's center)
AIR SPEED	Up to 4 mph at full speed
CONTROLS	Variable speed
MOUNTING HEIGHTS	10' to 30' from finished floor to bottom of blade
WEIGHT	150 lbs
WARRANTY	3-year parts & 1-year labor 10-year structural Lifetime on workmanship of blades & hub 1-year money-back customer satisfaction guarantee



HVLS FANS

Protect Your Investment

Rite-Hite continues to be an industry leader in providing solutions for improving safety, increasing productivity and reducing energy costs at industrial and commercial facilities worldwide.



Local Expertise

Installation of your HVLS fan is critical to its proper operation. Determining the location of your Rite-Hite Fans is now even easier using our exclusive Fan Planner. Our local specialists can quickly measure an area and recommend the fan diameter and blade configuration that will help maximize productivity and reduce energy costs. Online stores and catalogs or companies with multi-state "regional" managers may not have the ability to deliver the results you expect and deserve.



Our local representatives are factory trained for installation, troubleshooting, and placement. If you are an existing Rite-Hite customer, planned maintenance and routine check-ups can be coordinated in one service call.



Manufacturer's Support

A global manufacturer with over 40 years of experience, Rite-Hite has a superior track record in supporting applications and installations locally and globally. Every Rite-Hite Fan comes with a One-Year Money-Back Customer Satisfaction Guarantee and a 10-Year Structural Integrity Warranty. Because no one else builds an HVLS fan this good.

The best way to experience how a Rite-Hite Fan can impact your facility is by installing one. Ask your representative how Rite-Hite's Trial Program can make it easy.

Consult Rite-Hite for specific fan applications including:

- ▶ Distribution Centers
- ▶ Manufacturing Facilities
- ▶ Warehouses
- ▶ Athletic Facilities
- ▶ Airports
- ▶ Convention Centers
- ▶ Health Clubs
- ▶ Schools/Universities
- ▶ Retail
- ▶ Stadiums
- ▶ Arenas
- ▶ Auto Dealers
- ▶ Lobbies/Atriums
- ▶ Libraries
- ▶ Religious Facilities
- ▶ Hotels
- ▶ Theaters
- ▶ Bars/Restaurants
- ▶ Hospitals
- ▶ Hundreds of Other Applications

