



**THE  
AUTHORITY  
ON  
AIRFLOW**



**BIG ASS FANS®**

— THE —  
**WORLD'S**  
BEST-SELLING  
**BIG FAN**

# NO SWEAT. ALL CHILL.

We deliver comfort to spaces where comfort seems impossible. Doing it undeniably better than any other company in the world. We serve our clients with passion backed by innovation. We think smarter. We go bigger. We make every space better for people to work safely, perform productively, and live comfortably.



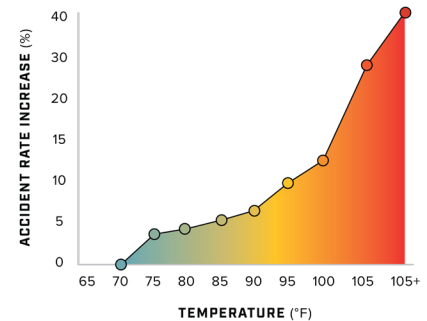
**BIG ASS FANS**

# WHY IS HEAT A PROBLEM?

Prolonged and repeated exposure to heat is a safety concern and can lead to serious heat-related illness. Big Ass Fans (especially when coupled with Cool-Space® evaporative coolers) are a proven energy-efficient way to reduce heat exposure and provide a safer and more comfortable working environment.

## Heat And Productivity

It's hard to work when you're too warm. Whether you are on the shop floor or in the offices upstairs, productivity and accuracy suffer. It sounds intuitive, and it's backed up by science.

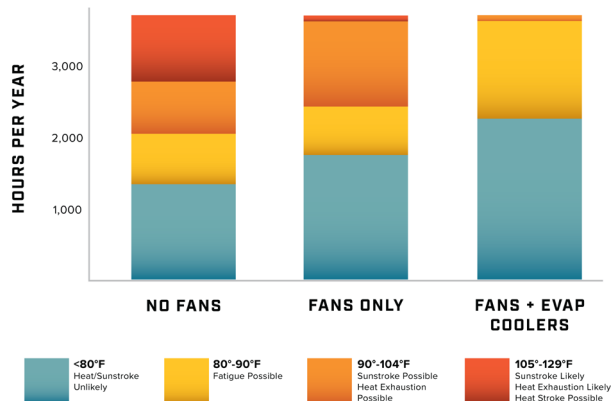


Source: Lucy Page and Stephen Sheppard (2019)

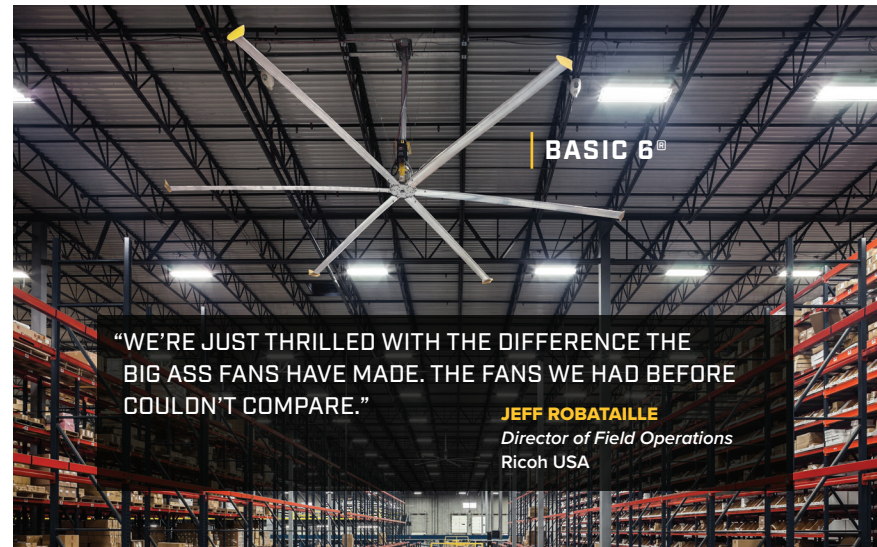
## Why Use Big Ass Fans For This?

Increased air speed takes advantage of the body's natural cooling process to create a cooling effect through increased evaporative and convective means of heat rejection. All Big Ass Fans products are incredibly effective, energy-efficient, and they are not loud like other industrial fans. Big Ass Fans can often replace multiple existing fans, saving critical floor space and reducing clutter.

HOURLY HEAT INDEX DISTRIBUTION FOR A TYPICAL YEAR\*



\*Data taken from Southeastern United States—other regions may vary.



"WE'RE JUST THRILLED WITH THE DIFFERENCE THE BIG ASS FANS HAVE MADE. THE FANS WE HAD BEFORE COULDN'T COMPARE."

**JEFF ROBATAILLE**

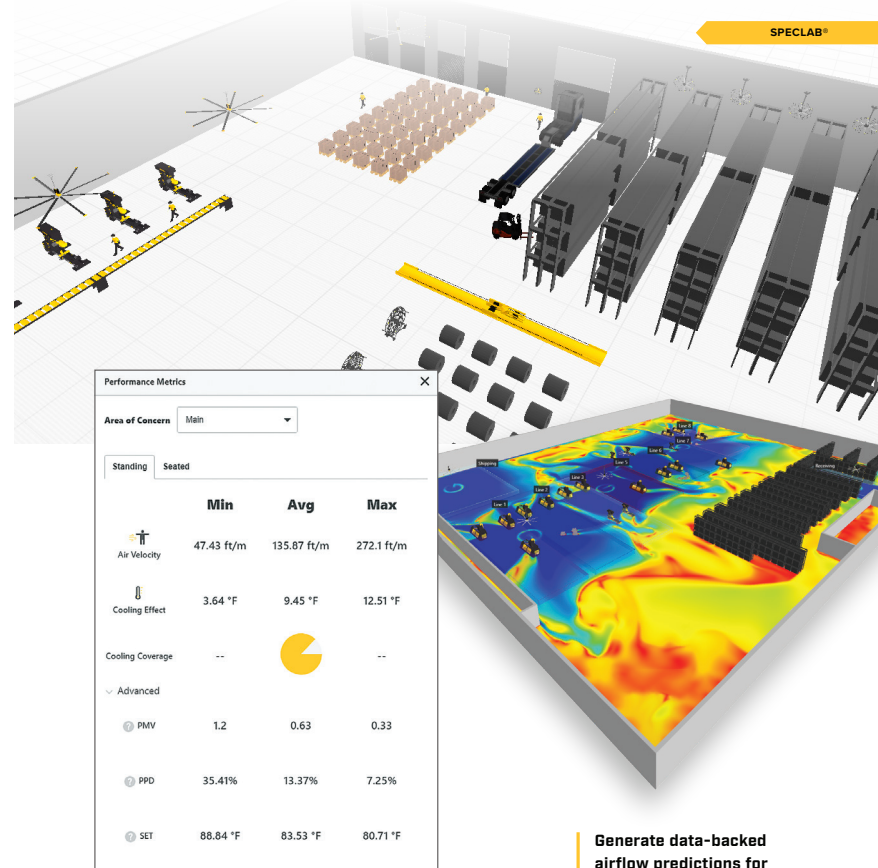
Director of Field Operations  
Ricoh USA

# SEEING IS BELIEVING

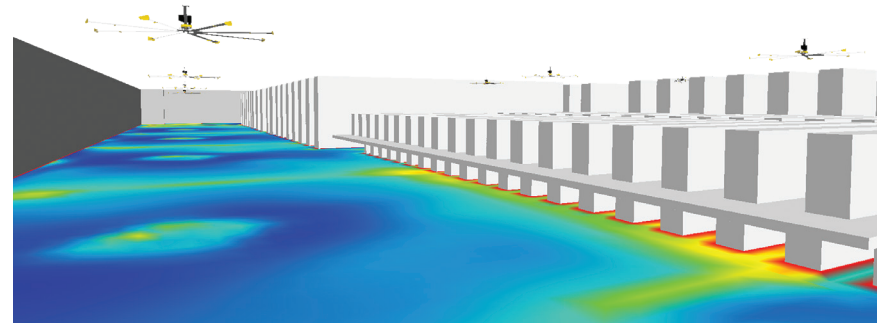
**SPECLAB® SHOWS HOW OUR FANS WILL PERFORM IN YOUR SPACE.**

When you invest in your people's comfort, you expect to see results. With our proprietary SpecLab software, Big Ass Fans lets you preview exactly how our fans will transform the comfort of your space.

Using computational fluid dynamics (CFD) and airflow data collected at our one-of-a-kind, industry-certified research facility, SpecLab configures complex layouts — complete with interior walls, equipment, and other structural elements that impact airflow — and runs precise simulations of our fans' performance in your own immersive 3D environment.



Generate data-backed airflow predictions for any facility configuration.





# UNMATCHED SERVICE

We don't believe in cookie-cutter comfort. Our airflow experts show up ready to map out your space, your challenges, and your goals, all to ensure you get a custom airflow solution that actually works.

- ▶ **Certified Big Ass Fans installers** for peak performance and safety
- ▶ **Dedicated project manager** for seamless coordination with contractors
- ▶ **Choose our expert installations** to prevent the setup errors that cause 90% of our service calls



# PREVENTIVE MAINTENANCE

## YOU INVESTED IN THE BEST. WE'LL KEEP IT THAT WAY.

Your fans work their asses off—return the favor with a little TLC. Big Ass Fans' Preventive Maintenance Program keeps your gear in peak condition with expert service, real inspections, and no half-measures. We're not talking about some guy with a clipboard and a ladder—we're talking certified pros who spot issues before they become problems.

- ▶ **Full 30-point inspection** and pro-level cleaning
- ▶ **Custom plans** based on your layout, fan models, and maintenance needs
- ▶ **Fast service from coast to coast** with minimal downtime
- ▶ **Complete records and follow-up** so nothing falls through the cracks
- ▶ **Promptly communicated service results** with clear and thorough maintenance records

# COMFORT IN SUPERIOR SAFETY

Big Ass Fans' status as the industry leader was built on an uncompromising commitment to safety. Our expert team develops advanced safety features, such as hub and airfoil retention, fire suppression integration, and weld-free mounts. We build our fans to endure demanding conditions and verify their structural integrity through extensive testing, keeping your people's safety central to every aspect of our products' design and performance.





# INDUSTRIAL OVERHEAD FANS

## BEST-IN-CLASS AIRFLOW FOR MAXIMUM PRODUCTIVITY.

Featuring multi-patented designs and best-in-class safety features, Big Ass industrial overhead fans neutralize sweltering heat in summer, equalize facility temperatures in winter, and offer air circulation and energy savings that HVAC and traditional fan manufacturers can only dream of.

- ▶ **Superior cooling effect**
- ▶ **Energy-efficient motors with heat dissipation**
- ▶ **Extruded aluminum assembly with Grade 8 hardware**
- ▶ **Digital touchscreen controller**
- ▶ **Extensive industry-leading safety features**
- ▶ **Patented airfoil systems**
- ▶ **Reliable Ingress Protection**
- ▶ **Modbus, BACNET and 0-10v BAS integration capability**

## POWERFOIL® X4

Bigger. Stronger. Tougher.  
The next level of innovation is here.



**12-30' feet**  
(3.7-9.1 meters)



- ▶ **Eight state-of-the-art airfoils** designed for maximum airflow and world class efficiency
- ▶ **Hermetically sealed gearbox** to prevent rust and overheating, ensuring durability and longevity
- ▶ **Standard IP56 rating for the entire fan** makes it perfect for harsh environments
- ▶ **Patented airfoils and winglets** engineered to provide the best cooling effect on the market
- ▶ **Best-in-class safety features** including aircraft-grade steel safety cables and patented dual-axis mounting system
- ▶ **Available upgrades** include control systems, occupancy sensor, LED kit, and more



## POWERFOIL D®

The industrial fan that's the strong, silent type.



**8-24 feet**  
[2.4-7.3 meters]



- ▶ **Six aluminum airfoils** provide the ideal cooling effect for any environment
- ▶ **Direct-drive motor** and VFD reduce noise, EMI, and energy usage
- ▶ **Redundant safety features** including safety cables and airfoil retention system
- ▶ **Highest possible IP66 rating** protects against dust, moisture, vapors, and debris
- ▶ **Built-in accelerometer** that stops the fan upon impact detection
- ▶ **Available LED** offers ultra-bright, fully dimmable lighting

## BASIC 6®

Quality craftsmanship and massive air movement.



**14-24 feet**  
[4.3-7.3 meters]



- ▶ **Six aluminum airfoils** with winglets and safety restraints
- ▶ **Redundant safety features** keep workers cool without worry
- ▶ **Sealed helical gearbox** and industrial motor for smooth, durable operation
- ▶ **Variable speed operation** with convenient digital touchscreen controller
- ▶ **Machine-cut hub system** evenly distributes load for longer lifespan





# DIRECTIONAL FANS

## AIRFLOW THAT GOES ANYWHERE YOU NEED IT.

Obstructions such as racking, cranes, and conveyor systems can preclude overhead airflow solutions. To address these challenges, we engineered powerful directional fan models ideally suited for mobile and wall-mounted use, so you can keep people cool in every corner of your space regardless of your facility's layout.

- ▶ **Heavy-gauge steel construction**
- ▶ **Wide variety of portable bases and mounting options**
- ▶ **Available IPX5, washdown-ready designs**
- ▶ **OSHA-compliant cages standard for all floor fan models**
- ▶ **Easy plug-and-play operation**
- ▶ **Airflow coverage up to 120 feet (37 meters) away**
- ▶ **Quiet, efficient motors that cost pennies a day to operate**
- ▶ **Versatile positioning to target anywhere**

**AIREYE®**

The most advanced directional fan on the market.



**20, 24, 30, and 36 inches**

(51, 61, 76, and 91 cm)



- ▶ **Three precision-balanced blades** for smooth performance
- ▶ **IPX5-rated** for protection from dust and water
- ▶ **Five mounting options and four sizes** to suit any facility or application
- ▶ **50% more airflow per watt** than basic induction motors
- ▶ **BMS integration** and fan grouping with optional BAFCOn controller
- ▶ **Occupancy sensor** available for added convenience and energy savings

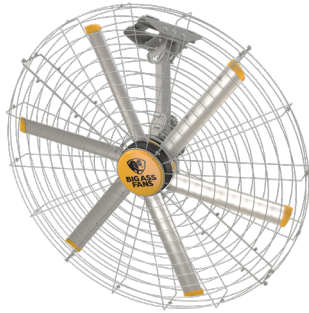


## PIVOT

The flexible big fan fit for every corner of your workspace.



**6.35 feet**  
(1.9 meters)



- ▶ **Six anodized airfoils** with winglets in a durable steel cage
- ▶ **Gearless direct-drive motor** and precision-molded hub for maximum efficiency
- ▶ **Suite of safety features** including airfoil retainers and guy wires
- ▶ **Smooth, quiet performance** with variable speed control
- ▶ **Powerful airflow** provides coverage up to 120 feet (37 meters) away
- ▶ **Direct airflow anywhere** with over 1,000 operational positions

## TORRENT<sup>®</sup>

Maximum mist, minimum hassle.



- ▶ **Atomizing mister** with refillable 35-gallon water tank
- ▶ Coverage area of **2,725 square feet** (253 square meters)
- ▶ Uses standard **110-volt power supply**
- ▶ Fits through **standard door opening**



# EVAPORATIVE COOLERS

## COOL-SPACE® 400

Quiet, energy-efficient operation  
indoors and out.

### THE FAST-ACTING SOLUTION TO EXTREME HEAT.

Combining efficient direct-drive fan technology with robust water systems and thick, resin-treated media, Cool-Space® evaporative coolers deliver instant airflow that lowers the air temperature and keeps your people safe, comfortable, and productive.



- ▶ Quickly and efficiently cool spaces by up to 33 °F (18 °C)
- ▶ Mobilize anywhere you need it with locking swivel casters
- ▶ Easily adjust level of cooling with variable speed control
- ▶ Take advantage of long-term cost savings over A/C installation and use
- ▶ Create healthier environments with third-party certified media

Enjoy best-in-class durability and warranties for long product life



- ▶ Perfect for **production facilities, open-air dining, and gyms**
- ▶ Coverage area of **3,600 square feet** (330 square meters)
- ▶ Uses standard **110-volt power supply**
- ▶ Fits through **standard door opening**



## COOL-SPACE® 500

Cooling power on a large scale.



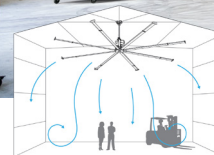
- ▶ Ideal for **large warehouses, service bays, and stadiums**
- ▶ Coverage area of **6,500 square feet** (600 square meters)
- ▶ **Occupancy sensor** and onboard LED control panel
- ▶ **Auto-Dry** feature maintains the unit after each use
- ▶ Uses standard **110-volt power supply**



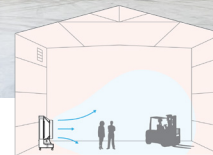
## ULTIMATE COOLING COMBO

Create bigger impact with fans and coolers.

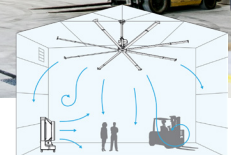
- ▶ Combining Cool-Space evaporative coolers with Big Ass fans delivers a powerhouse cooling effect that's second to none
- ▶ When you pair your Cool-Space coolers with our industrial overhead fans, cold air is distributed throughout your facility
- ▶ Cool-Space units and Big Ass fans work together to directly lower temperatures for optimal performance



Fans



Coolers



Fans + Coolers



# DOCK FANS

**VELOCITY™**

Dominate the dock.

**Unfortunately, the best way to pack, store, and ship things is also the worst environment to stay cool.** Those scorching temperatures inside trailers and loading bays puts you at risk for slowdowns, injuries, and accidents that you simply can't afford.

That's where dock fans come in. Built to blast out trapped heat, keep air moving, and turn your loading zones into safe, efficient workspaces, Velocity keeps air—and your business—flowing.

- ▶ **Evict the Heat.** Trailer fans kick hot, stagnant air out the back of the trailer so your crew isn't stepping into a sauna.
- ▶ **Speed Up Loading and Unloading.** Nobody works fast when they're drenched in sweat.
- ▶ **Reduce Heat-related Slowdowns.** Less stress, fewer breaks, and more boxes moved.
- ▶ **Protect the Product.** Moving air helps maintain the integrity of perishables, packaging, and sensitive cargo.
- ▶ **Built to Take a Beating.** Industrial-grade trailer fans like Velocity stand up to the brutal conditions.
- ▶ **Plug and Go.** Easy setup, minimal fuss, major comfort upgrade.



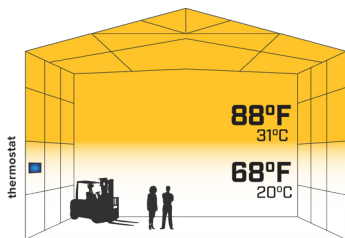
- ▶ **2,000 CFM**—enough airflow to cycle the air in a semi-trailer every two minutes
- ▶ **Secure 4-bolt mounting system** with protective swivel shield
- ▶ **Durable design** that's as tough as your crew
- ▶ **Quiet operation** means less noise and distraction for workers
- ▶ **Industrial-strength safety** prevents and protects against impacts
- ▶ **Industry-leading 5-year warranty**



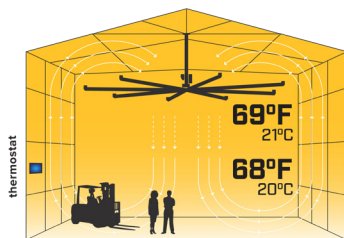
# DESTRATIFICATION, DEMYSTIFIED.

**Hot air rises. That's physics. But in a facility, it's also a financial leak.** When hot air from your HVAC pools up in the rafters, your heating system works overtime to provide even minimal comfort to your workers at the ground level.

Destratification is the process of mixing uneven temperature differences between the ceiling and floor—often 20 degrees or more—and creating uniform comfortable temperature throughout your space.



STRATIFIED AIR



DESTRATIFIED AIR

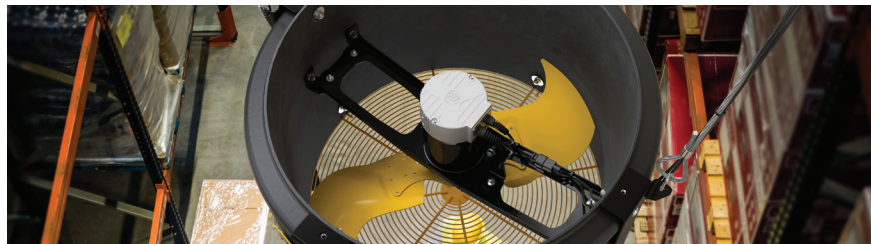
- ▶ **Boosts worker productivity,** safety, and retention
- ▶ **Lowers energy bills** trying to heat the entire space
- ▶ **Eases HVAC strain** on overworked units
- ▶ **Extend inventory and machinery life** by reducing condensation

## HORNET

Put hot air in its place.



- ▶ **Mixes layered air temps** to reduce stress on HVAC and lower energy costs
- ▶ **IP55-rated motor** provides over 5,700 CFM of quiet airflow
- ▶ **Heavy-gauge steel frame** and suspension cable system safely secure to a variety of structures
- ▶ **Ideal for congested areas** in manufacturing facilities, distribution centers, and storage warehouses
- ▶ **BMS integration** and fan grouping with optional BAFCOn controller
- ▶ Delivers **more than 3x the airflow** of competitor fans



# INFRARED AND UNIT HEATERS

## BIG ASS FANS® INFRARED HEATER

Energy-efficient, targeted heating.

### HEATING TO KEEP YOUR TEAM COMFORTABLE AND PRODUCTIVE.

Backed by the same level of engineering expertise, custom recommendations, and post-purchase support that you know to expect from Big Ass Fans, Infrared and Unit Heaters are the best, most energy-efficient way to keep people warm through extreme cold.

Create the most energy-efficient, comfortable environment imaginable with a custom deployment of Big Ass Fans and heaters.

- ▶ **Two heater types to meet your facility's unique needs**
- ▶ **High-quality construction for longevity and limited maintenance**
- ▶ **Pairs perfectly with HVLS fans to prevent heat loss**
- ▶ **Year-round comfort increases worker safety, productivity, and retention**



- ▶ **The most energy-efficient type of heating option,** warming objects in targeted areas with less stratification
- ▶ Designed to pair with a ceiling fan and thermostat control, **to create the most purpose-built heating bundle on the market**
- ▶ By heating objects, heat energy is stored in those objects, **improving employee comfort and productivity over long periods of time**



# BIG ASS FANS® UNIT HEATER

Massive heating through an entire space.



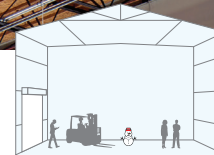
- ▶ **Full-facility heating** that circulates air over and around obstacles
- ▶ **Safe installation** and speedy servicing
- ▶ **Vibration- and noise-isolating fan motor** ensures quiet operation through the life of the product
- ▶ **Works with HVLS fans** to spread warm air through large spaces



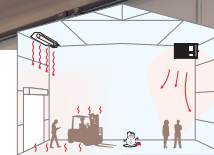
# BIG ASS FANS AND HEATERS

Achieving maximum efficiency.

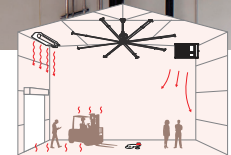
When combined together, Big Ass Fans and heaters provide powerful heat with industry-leading air-mixing to fight stratification and bring comfort to every corner of the customer's facility.



**No heaters**



**Infrared and  
unit heaters only**



**HVLS fans and  
heaters together**





# **BIG ASS FANS<sup>®</sup>**



2348 Innovation Drive, Lexington, KY 40511  
Contact us at **877.244.3267** or **[bigassfans.com](http://bigassfans.com)**

Product availability varies by region.