

BIG ASS FANS®

EXCEPTIONALLY ENGINEERED

THE WORLD LEADERS IN WORKPLACE COMFORT



EXCEPTIONALLY
ENGINEERED

OUR COMMITMENT

CRAFT

Delivering superior comfort is our unwavering goal, achieved through constant improvement and an intense focus on our craft.

Customers come to Big Ass Fans for expert service and innovative products purpose-built to solve their problems. Through every project and every solution, Big Ass Fans is a company made with equal parts pride and dedication, experience and ingenuity.

COMFORT

Comfort isn't natural. Its pursuit requires the force of will to fashion it from an unforgiving world.

Shaped by power and performance and endowed with brains and beauty, Big Ass fans are made to grapple with industry's harshest conditions and to bring graceful design to home spaces. With experience, skill, and sophistication, Big Ass fans create comfort out of thin air.

“At Big Ass Fans, we’ve mastered the art of molding power and efficiency into world-class products—products that enable our customers to work and live in environments that are both comfortable and beautiful.

Armed with expertise and engineering prowess, we transform industrial, commercial and residential spaces with supreme comfort and jaw-dropping style.”

Lennie Rhoades
CEO



OFFERING THE WHOLE SOLUTION

- Founded in 1999
- Based in Lexington, Kentucky
- International offices in Australia, Canada, Malaysia, and Singapore

Big Ass Fans is the world leader in air movement, transforming spaces with both comfort and savings.



CORPORATE HQ
LEXINGTON, KY



MANUFACTURING
LEXINGTON, KY



R&D LAB
LEXINGTON, KY

BIG ASS FANS



WORLD'S LARGEST

MANUFACTURER OF

HVLS FANS

45,000

SQ FT LEED GOLD R&D FACILITY

ONLY ONE IN THE WORLD FOR TESTING LARGE AIR MOVEMENT



305 PATENTS

150 PATENTS PENDING



MORE THAN

700,000

BIG ASS FANS HAVE BEEN SOLD ACROSS THE WORLD

BIG ASS FANS ARE IN

175 COUNTRIES

AROUND THE WORLD





POWERFOIL X3.0 IS THE

BEST-SELLING HVLS FAN

MORE THAN

70%

OF FORTUNE 500 COMPANIES

USE BIG ASS PRODUCTS





HAIKU & i6 RATED

ENERGY STAR MOST EFFICIENT

ASHRAE

MEMBERS OF MAJOR

ASHRAE

COMMITTEES

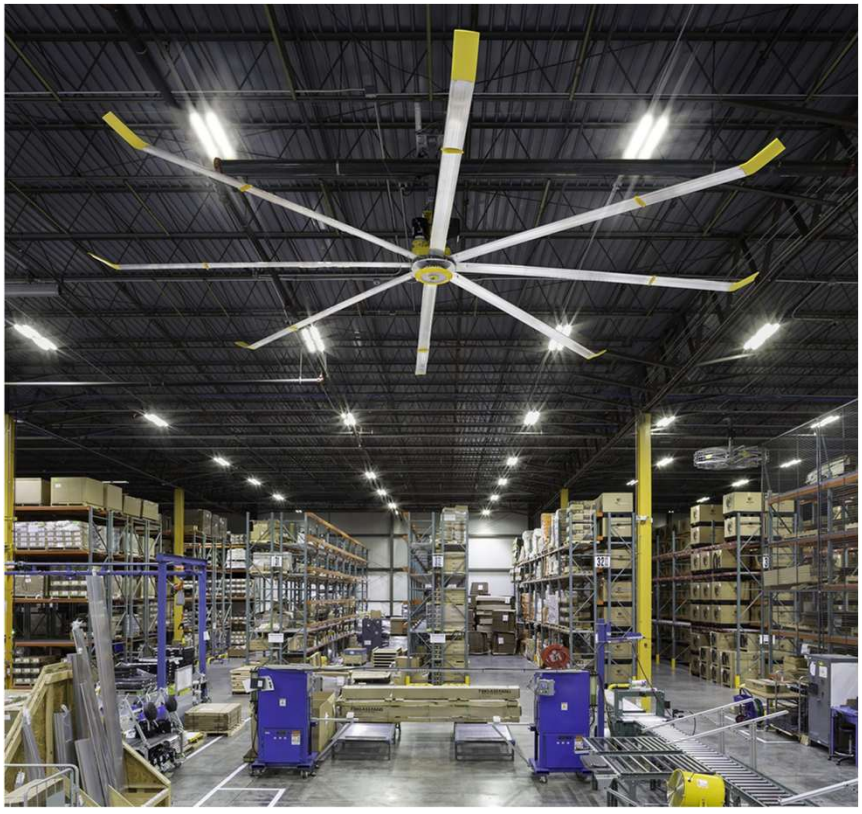
MORE THAN

225 COMPANY AWARDS



PROVIDING COMFORT FOR ALL

- Over 70% of Fortune 500 companies and 80% of those on the Dow Jones Industrial Average use Big Ass Fans products
- Big Ass Fans products have been sold in more than 175 countries
- Businesses such as Amazon, American Airlines, British Airways, Coca-Cola, Costco, Ford, Ikea, Lowe's, NASA, PepsiCo, Planet Fitness, Starbucks, Target, Tesla, and Toyota use Big Ass Fans products.



amazon

planet fitness

Ford

American Airlines

STARBUCKS COFFEE

BIG ASS FANS

THERMAL COMFORT AND HVLS AIRFLOW

BIG ASS FANS®

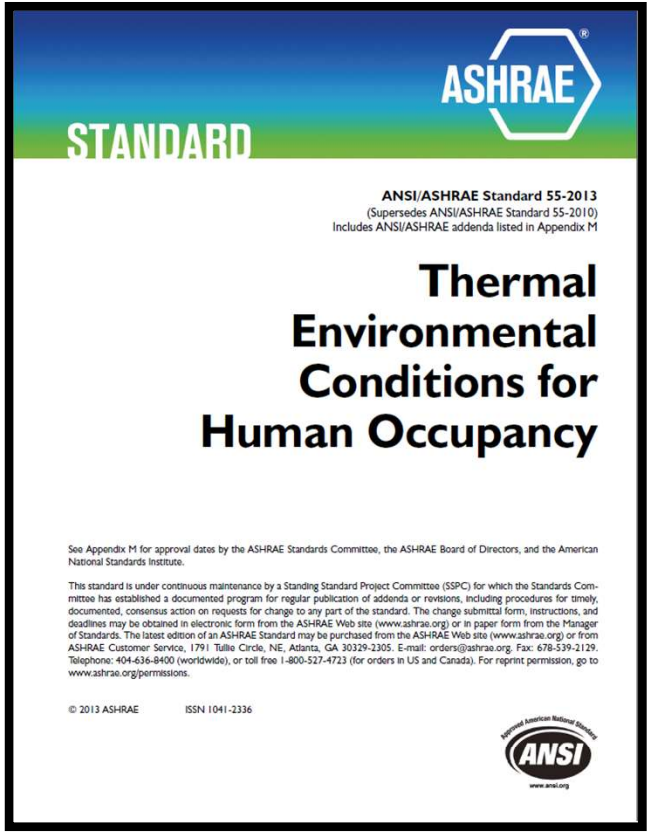
EXCEPTIONALLY ENGINEERED

ASHRAE STANDARD 55: THERMAL COMFORT

Purpose: Specify the combination of indoor thermal environmental and personal factors that will produce thermal environmental conditions acceptable to a majority of the occupants.

THERMAL COMFORT		
Air Speed/Velocity (fpm)	Air Temperature (°F)	Clothing Insulation (clo)
Radiant Temperature (°F)	Humidity (% RH)	Metabolic Rate (met)

☐ Environmental Factors ■ Personal Factors

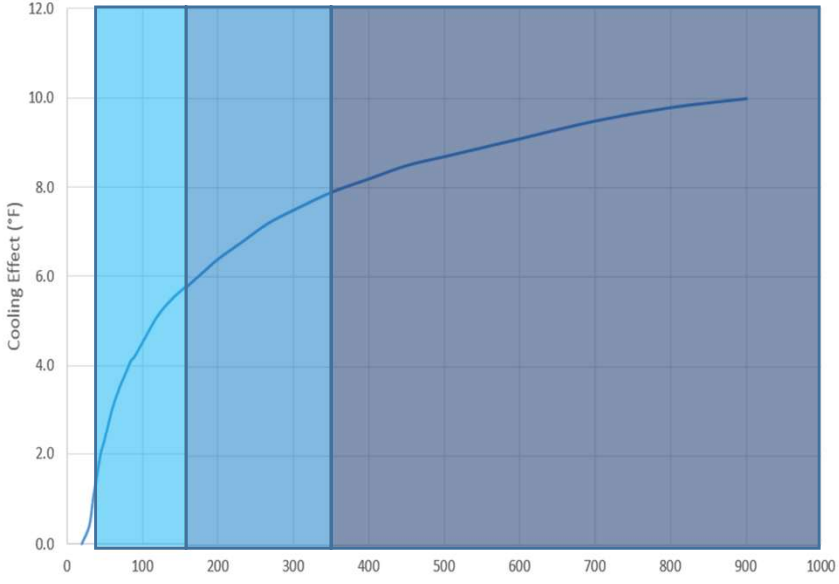


BIG ASS FANS

HVLS FANS PROVIDE YEAR-ROUND THERMAL COMFORT

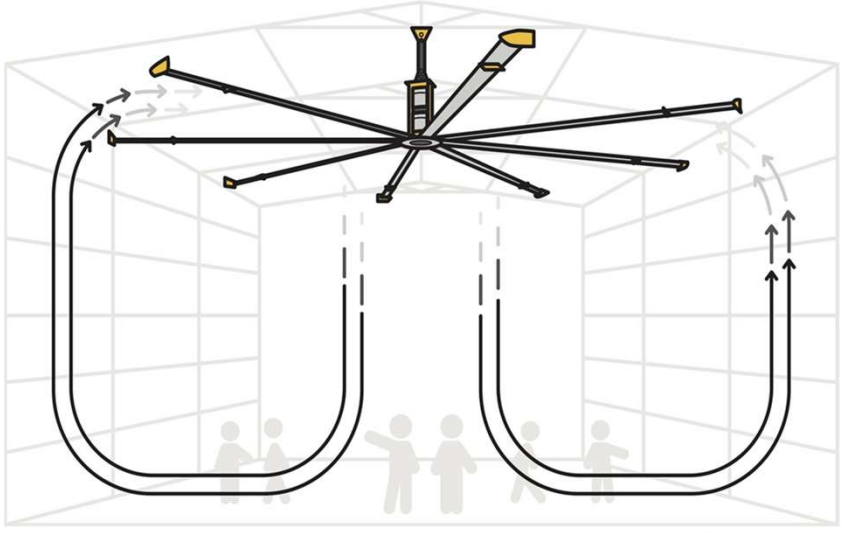
COOLING EFFECT

The increase in air speed creates a cooling effect of up to 10 °F without sacrificing energy efficiency.



THERMAL DESTRATIFICATION

Mixing the volume of air in the space eliminates stratified layers of hot and cold air and equalizes temperatures from floor to ceiling.



HOW THERMAL COMFORT IMPACTS PEOPLE

Thermal discomfort at work can be a major distraction as well as a safety concern, impairing a person's ability to produce efficient, high-quality work.

Providing thermal comfort corrects these issues for your workers:

- Less heat stress
- Greater productivity
- Fewer process errors

BIG ASS FANS



PRODUCTIVITY AND THERMAL COMFORT

When temperatures in a space rise above just 77 °F, worker productivity suffers. Big Ass HVLS and directional fans help turn this lost revenue into time well spent.

TEMPERATURE →	PRODUCTIVITY LOSS
77 °F	0.0%
80 °F	-3.2%
85 °F	-8.8%
90 °F	-14.3%
95 °F	-19.9%
100 °F	-25.4%
105 °F	-31.0%

Source: Seppanen, O., Fisk, W. J. and Lei, Q. H. (2006)

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HOW THERMAL COMFORT IMPACTS FACILITIES

Thermal discomfort creates an unnecessary increase in energy use and costs.

- Hot facilities use more A/C or turn to insufficient, off-the-shelf personal fans
- Cold facilities compensate for heat loss through the roof with nearly constant heater use



BIG ASS FANS

ENERGY USAGE OF COOLING OPTIONS

Big Ass fans are precisely engineered and use less power than a 2-hp motor, running at far greater efficiency than both HVAC units and traditional commercial fans. They offer lower first costs and lower operating costs than other environmental comfort solutions.



14,250 kWh/year



450,000 kWh/year



47,100 kWh/year

75 °F ▲

With Big Ass fans' cooling effect, you can raise your thermostat setpoint by up to 10 °F and stay just as comfortable.

3-6 % ▼

For every degree you raise your thermostat, you can save 3-6% of HVAC energy costs.

BIG ASS FANS

THE BENEFITS OF BIG ASS HVLS FANS

Elevated air speed and increased air circulation directly improve occupants' thermal comfort, delivering businesses a wide range of personal and financial benefits.

- Stay safe from extreme temperatures
- Provide airflow that makes people feel up to 10 °F cooler
- Save up to 30% on winter heating costs
- Enjoy sustainability incentives and utility rebates
- Increase air exchange rate across wide areas



BIG ASS FANS

BUILT TO BE THE BEST

BIG ASS FANS®

EXCEPTIONALLY ENGINEERED

SUPERIOR QUALITY

It takes more than lip service to have the best fans in the industry, and Big Ass fans have the hardware to prove it.

- Patented motors and airfoil systems
- Largest and most robust hub system
- Industry-leading safety features
- Durable extruded aluminum and Grade 8 hardware
- Pre-wired onboard VFDs



UNCOMPROMISING SAFETY

No other company comes close to matching Big Ass fans' extensive safety features.

- Secure, balanced mount
- Fully-reinforced, interlocking airfoils
- Large, flexible hub to prevent fatigue points
- Integration into fire suppression systems
- Automated controls and environmental sensors
- Patented Airfoil Retention System available on industrial overhead models



DEDICATED SERVICE

Big Ass Fans products are designed, manufactured, and serviced by a world-class team dedicated to giving you all the tools you need to transform your space.

- Expert airflow analysis of your facility
- Free project quotes customized for your space
- Unrivaled customer support
- Nationwide network of factory-certified installers
- Unmatched warranty coverage



PRODUCT LINE OVERVIEW

BIG ASS FANS®

EXCEPTIONALLY ENGINEERED

PRODUCT TIMELINE



THE BIG EZ™



ELEMENT®



HAIKU®



BLACK JACK®



PIVOT 2.0



i6



YELLOW JACKET®



BIG ASS LIGHT™



LIGHT BAR

C8

6 ft. Little Ass Fan Wickerbill™

Powerfoil® X

Haiku® with SenseME™

1999 | 2003 | 2004 | 2008 | 2009 | 2010 | 2011 | 2012 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019

Powerfoil®

Pivot®

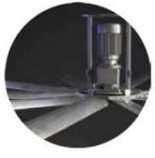
Shop Fan
Pivot® 180
AirGo® All-Terrain

Basic 6®
SweatBee®
Dewtect

BAFCon™

LED Bay Light
Standard Controller

STANDARD



AIRGO®



POWERFOIL® X2.0



ESSENCE®



POWERFOIL® X3.0



AIREYE®



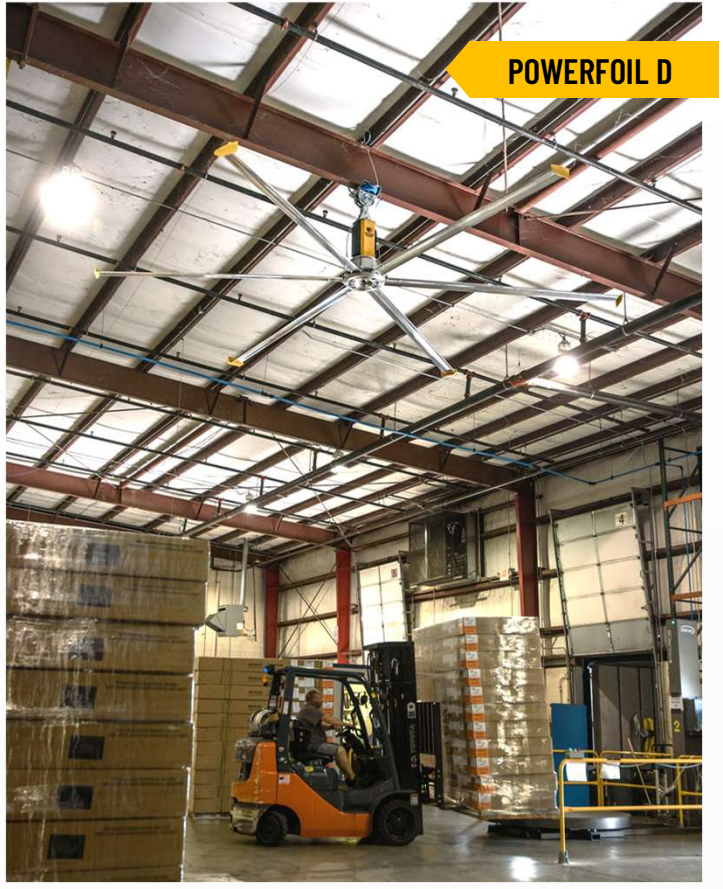
POWERFOIL® D



INDUSTRIAL OVERHEAD FANS

Industrial facilities often create harsh conditions for workers. Big Ass industrial overhead fans neutralize extreme temperatures and stagnant air, and because they're engineered to excel in tough environments, they'll provide comfort and energy savings for years with practically no maintenance.

- Diameter options from 8 to 24 feet
- Patented airfoil systems
- Wide range of redundant safety features
- Efficient gear-driven and direct-drive motors
- Virtually maintenance-free designs



BIG ASS FANS

INDUSTRIAL OVERHEAD FANS






	PFX 3.0	POWERFOIL D	POWERFOIL 8	BASIC 6
Diameter Options	8-24 feet	8-24 feet	8-24 feet	8-24 feet
Number of airfoils	8	6	8	6
Drivetrain	Gear-driven	Gearless direct-drive	Gear-driven	Gear-driven
Warranty	15-year mechanical 7-year electrical	10-year mechanical 5-year electrical	7-year mechanical 3-year electrical	7-year mechanical 3-year electrical

BIG ASS FANS

COMMERCIAL & RESIDENTIAL CEILING FANS

Our award-winning commercial and residential fans pair unmatched comfort with sophisticated style and offer a variety of designs, luxurious finish options, available smart controls, and whisper-quiet performance.

- Diameter options from 52 inches to 14 feet
- Incredibly efficient direct-drive motors
- Universal mounts for flat or sloped ceilings
- Available smart controls and LED kits
- Indoor and outdoor models





Our Haiku and i6 fans pair with the smart home tech you know and love, like voice control with Amazon Alexa and Google Assistant and integration with ecobee thermostats.

BIG ASS FANS

COMMERCIAL & RESIDENTIAL CEILING FANS







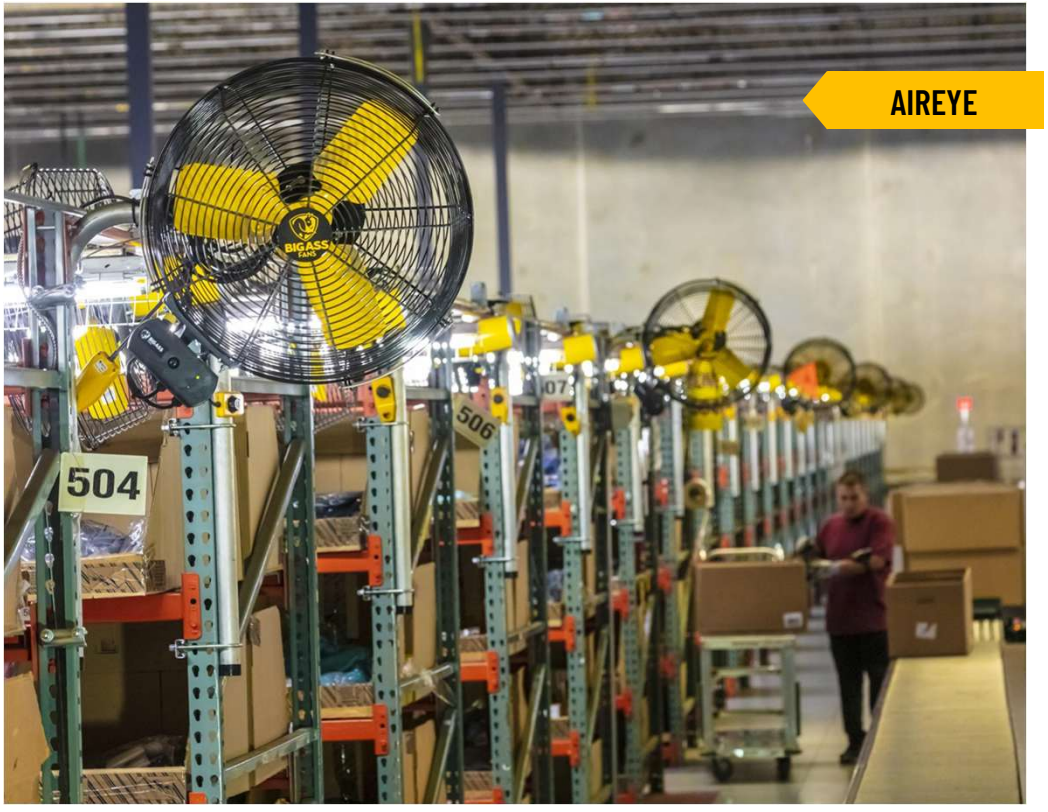
	ESSENCE	ISIS	i6	HAIKU	HAIKU L
Diameter Options	8-14 feet	8-10 feet	60-84 inches	52-84 inches	52 inches
Number of airfoils	8	8	6	3	3
Warranty	10-year mechanical 5-year electrical	7-year mechanical 3-year electrical	5-year residential 3-year commercial	5-year residential 3-year commercial	5-year residential 3-year commercial

All commercial and residential ceiling fans feature direct-drive motors.

BIG ASS FANS

DIRECTIONAL FANS

Big Ass mobile and mounted directional fans are the versatile, convenient comfort solution when ceiling fans aren’t an option. Their direct-drive motors deliver cooling airflow up to 120 feet away with efficiency and without noise, and they’re durably engineered for daily use and abuse.



BIG ASS FANS

DIRECTIONAL FANS








	AIRGO 2.0	BLACK JACK	PIVOT 2.0	YELLOW JACKET	SWEAT BEE	AIREYE
Diameter Options	8 feet	6 feet	6 feet	30 inches	18 inches 30 inches	20 inches 24 inches 30 inches
Features	Mobile HVLS 360° rotation	No assembly Outdoor-rated	Versatile mounts Quiet operation	Heavy-gauge steel Variety of mounts Oscillating option	Industrial-grade Targeted airflow	Energy-efficient Optional motion sensor
Warranty	5-year	5-year	5-year	5-year	3-year	5-year

BIG ASS FANS

ADVANCED CONTROL OPTIONS

- **BAFCON:** With integrated SmartSense control, BAFCon maximizes both energy savings and comfort year-round, allowing you to group, control, and update your Big Ass fans with just the push of a button.
- **DEWTECT:** Designed to prevent and mitigate harmful condensation in unconditioned spaces, Dewtect and its network of sensors automate your Big Ass fans and other mechanical equipment to maintain ideal conditions and stable surface temperatures.
- **BAFWORKS:** Use BAFWorks to network and control all of your Big Ass fans, lights, and building ventilation from a single device that's easy to learn and operate.







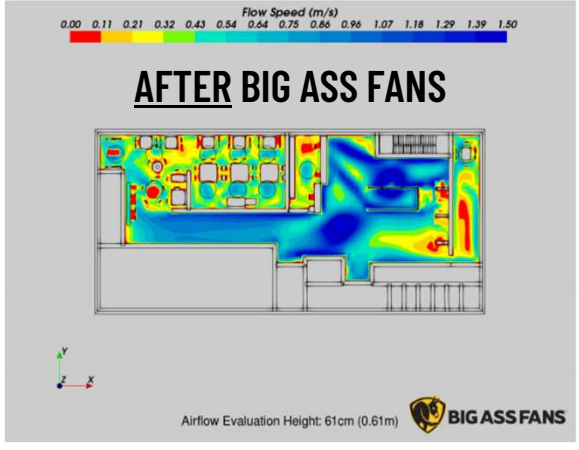
Note: not all advanced control options available for all Big Ass HVLS fans.

VISUALIZE BIG ASS FANS IN ANY SPACE

Big Ass Fans unique **SpecLab**® software provides customers with a data-backed airflow solution that clearly shows our products' performance in the space.

- Construct a detailed 3D layout of your facility's interior
- Specify airflow solutions with precision and accuracy using computational fluid dynamics (CFD)







AVERAGE AIR VELOCITY
135.87 ft/m



AVERAGE COOLING COVERAGE
93%

BIG ASS FANS

BIG ASS FANS - THE TOTAL AIRFLOW SOLUTION

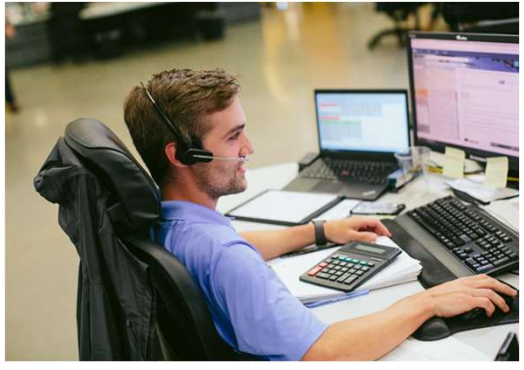
Big Ass Fans offers everything you need to transform the comfort and productivity of your space.

- The industry's most skilled and experienced team
- Premium products that deliver comfort and cost-savings
- World-class customer service that's just a call away

Let's get started on a custom solution for your business!







WHAT'S NEXT?

We're eager to help you improve working conditions for your facility.

Here are your next steps:

1. Tell us about your facility's problem areas
2. Request a free 3D airflow analysis with our SpecLab® software
3. Get a customized quote for your facility
4. Install with your preferred vendor or let our certified experts handle everything



BIG ASS FANS

THANK YOU!



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