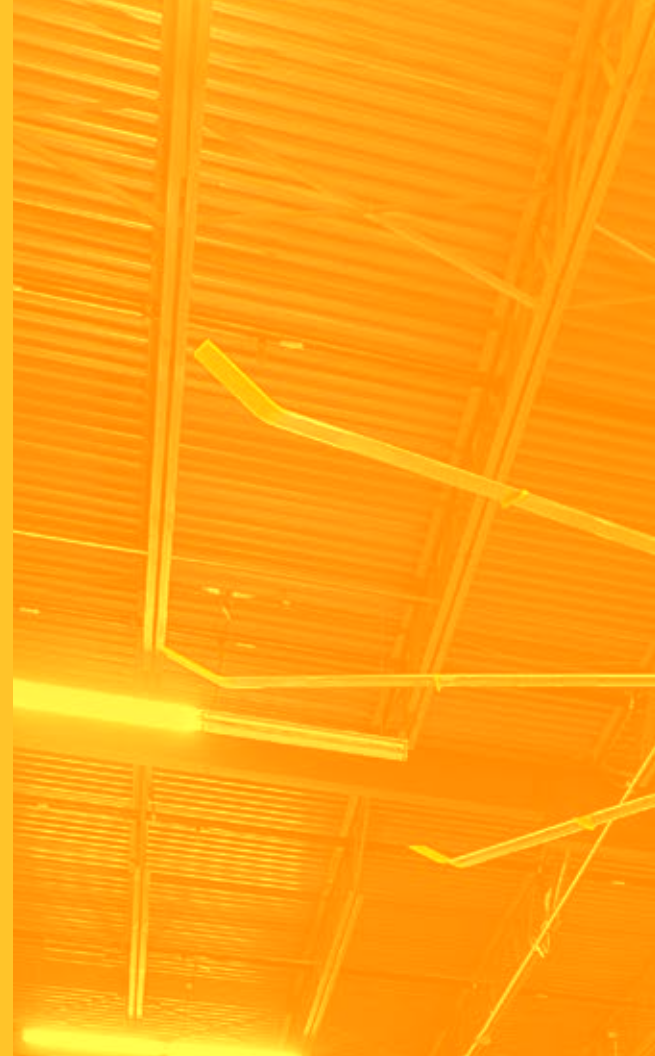


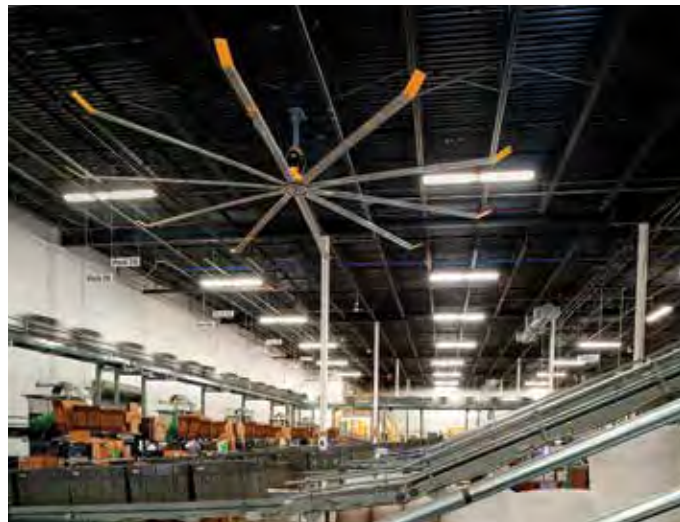
THE WORLD'S Biggest Fan Collection

 **BIG ASS FANS**[®]
No Equal.

We've got you covered – ceiling to floor, wall to door!

If you only know the Big Ass Fan Company as the preeminent designer and manufacturer of high volume, low speed fans for factories and cows, it's time you get to know us better. While we continue to lead the way in industrial and agricultural air movement, we've also refined these designs to bring the same innovation and benefits of our famous fans to circulate an ocean of air in sound-sensitive commercial spaces and homes. And when our customers said they wanted something for smaller spaces, we listened — and we think you'll like the results.





Powerfoil® X2.0 combines the established ingenuity of the Powerfoil X with 28% more coverage area while providing the most reliable air movement; it's so dependable that we back it up with an unprecedented 15-year, nonprorated warranty with Big Ass Fan factory certified installation.

POWERFOIL® X2.0

Features

- New patented airfoil system uses 10 Powerfoil airfoils, winglets and patent-pending AirFence™ technology to increase coverage area by 28%
- NitroSeal™ gearbox is hermetically sealed, keeping contaminants out for zero maintenance
- The first and only functional platform on a large industrial fan allows for the integration of lights, cameras or just about anything else you can imagine (disco ball available through special order)
- Wall-mounted keypad can operate an unlimited number of fans from a single wall control and lock-out fans with a 4-digit passcode
- Onboard VFD is prewired to the motor, requiring only a single electrical run from the breaker panel to the fan
- Entire fan is UL507/CSA certified
- Available in 8- to 24-ft. diameters



Scan the QR codes throughout the brochure to get additional specs and information about each product.



*15 year parts, 1 year labor warranty; certain exclusions apply. See complete warranty for details.



INDUSTRIAL

AirFences



Think of Powerfoil® X2.0 patent-pending AirFence™ technology as air traffic control. These fixed aerodynamic devices redirect the fan's air velocity profile, moderating airflow at the airfoil level and contributing to a 28% improvement in effective coverage area. And they look cool doing it.

Powerfoil X2.0 Plus



The Powerfoil X2.0 Plus winglets create deeper jets of air, sending airflow over and around floor obstructions. This serious air-moving machine is ideal for locations with high racking or large obstructions, such as airplane hangars, distribution centers and manufacturing facilities.



Wash Down

Powerfoil® X2.0 Wash Down adds an impressive array of purpose-built features for the strict standards of the food and beverage processing industry. Available as an optional upgrade, Powerfoil X2.0 Wash Down utilizes a stainless steel, UL wet-rated motor built to withstand frequent intense cleaning, food-duty epoxy and a completely sealed NitroSeal™ gearbox filled with food-grade oil. The overall design of Powerfoil X2.0 Wash Down utilizes nonporous, nonabsorbent and corrosion-resistant materials throughout.

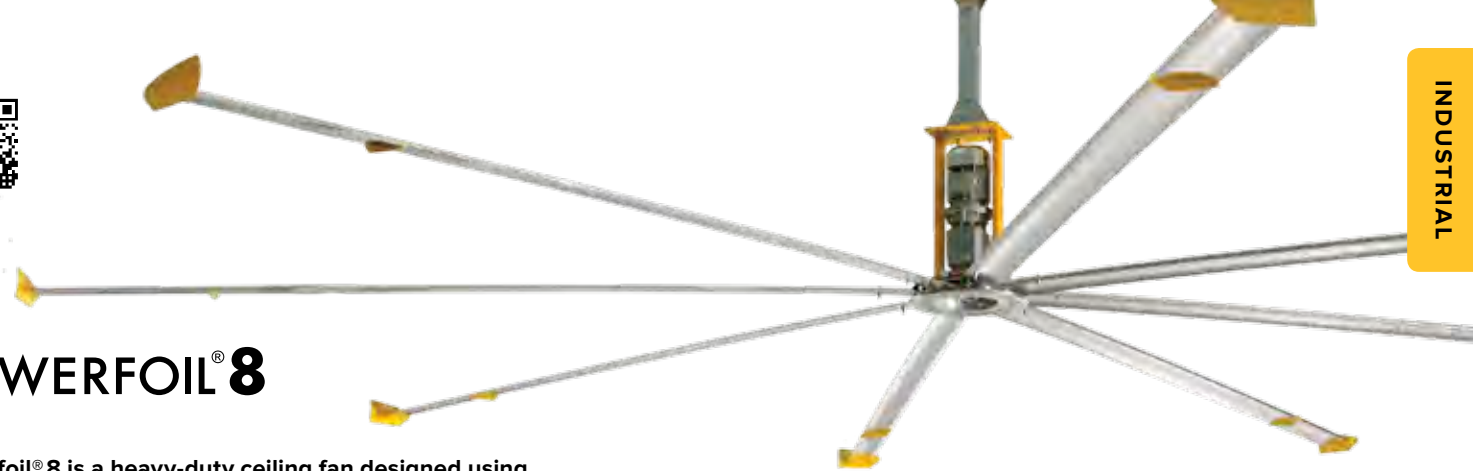


POWERFOIL® 8

Powerfoil® 8 is a heavy-duty ceiling fan designed using industrial-grade components, fully factory tested prior to shipping to ensure a perfectly functioning system, backed by a 12-year prorated warranty.

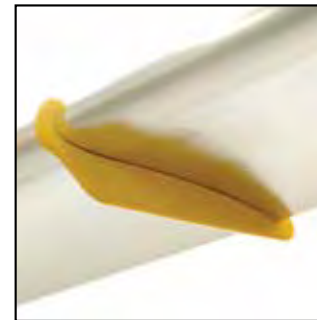
Features

- New patented airfoil system uses 8 Powerfoil airfoils, winglets and patent-pending AirFence™ technology to increase coverage area by 28%
- Industrial-grade motor and gearbox
- Easy-to-read LED controller in a compact, wall-mounted package
- Entire fan is UL507/CSA certified
- Available in 8- to 24-ft. diameters



INDUSTRIAL

AirFence



Powerfoil 8 Plus





BASIC6™



Features

- New patented airfoil system uses 6 Powerfoil airfoils and winglets for maximum airflow performance
- Industrial-grade motor and gearbox
- Easy-to-read LED controller in a compact, wall-mounted package
- Entire fan is UL507/CSA certified
- Available in 8- to 24-ft. diameters



BAFWorks™



The new BAFWorks™ control system enables you to network and control multiple devices from a centralized location. Control everything with the swipe of a finger through an intuitive touch-screen interface.

SMARTSENSE 365™



This patent-pending controller is engineered to maximize both energy savings and comfort through year-round control of your Big Ass Fan. SmartSense365™ automatically responds to temperature variations in your facility allowing you to concentrate on everything else.



The rugged 8-ft. mobile, vertical AirGo® delivers airflow half the length of a football field, yet is quiet enough to allow a friendly conversation directly in front of the fan. Add the misting system, and AirGo delivers a cooling effect equivalent to 22 tons of air conditioning wherever you need it.

Features

- Low noise – operates at 43.2 dBA at maximum speed
- OSHA-compliant protective cage
- Plugs into any 110 volt, 15 amp outlet
- Optional misting package

Call Me Mr. AirGo

The new misting AirGo brings the same evaporative cooling effect as 22 tons of AC wherever it's needed. AirGo's atomizer creates an ultra-fine mist of droplets so small you'd need a magnifying glass to see them.

All-Terrain AirGo

- Rough terrain maneuvering
- Oversized foam-filled tires
- Four-wheel steering and pull handle



Pivot's optional oscillation function enables the air generated to radiate outwards for up to 180 degrees of coverage area.



Aim it at a workstation ... an assembly line. Point it down an aisle way ... around a ceiling obstruction, using 73 unique mounting positions. The compact profile and 73 unique mounting positions mean Pivot™ can fit into tight spaces. Didn't think you had a place for a Big Ass Fan? Thanks to Pivot, now you do.



Features

- Flexible mounting system for customized, directional airflow
- Precision-molded hub for smooth operation and long life
- Proprietary airfoil and winglet combination for maximum air movement
- Protective cage included
- Entire fan is UL507/CSA certified
- Available in a compact 6-ft. diameter
- Ceiling or column mounted

Common Applications

- Mezzanines
- Gyms
- Pick and pack lines





Portable Base
with 18-inch
Pedestal

Yellow//Jacket®



Yellow Jacket® is the smashingly durable, portable or mountable fan that takes abuse and stays in use*. Add an optional misting package to bring the cooling effect of tons of AC exactly where you need it, or an oscillator to send cooling on the move.

Features

- Extraordinarily durable construction
- Up to 50% less energy use than other fans in its class
- Amazingly quiet operation
- ELEVEN adjustable speeds
- Multiple mounting options
- Huge coverage area
- Mister and oscillator options

Common Applications

- Aisle ways
- Mezzanines
- Pick and pack lines
- Stall barns and aisles
- Small work cells

*Limited lifetime warranty; certain exclusions apply.



Wall Column Mount
with Remotely Mounted
Speed Controller Option



Portable Base



Yoke Mount

Portable Base
with 36-inch
Pedestal



SWEAT BEE™



Mount Sweat Bee™ to a wall or column, then select any position from its 360° swivel and 40° tilt to move air exactly where it's needed to cool employees, clear smoke and fumes, or keep pesky insects away.

Features

- Available in 18 and 30-inch models
- Handcrafted in the USA of industrial-grade components
- Barrel constructed of heavy-duty 11-gauge steel
- Ball bearing motor precisely matched to airfoil/hub assembly
- OSHA-compliant spiral guards
- Corrosion-resistant surfaces inside and out
- Statically and dynamically balanced high-density airfoils
- Backed by a 3-year, non-prorated warranty

Common Applications

- Mezzanines
- Pick and pack lines





Envision Your Space

Over the last 12 years, the Big Ass Fan Company has designed and sold over 85,000 fans worldwide to increase comfort and reduce energy costs. Using their immense size and patented airfoil design, these industrial fans move massive volumes of air using low-horsepower motors. Big Ass Fans provide a low-cost cooling solution in the summer, coupled with the ability to reduce a building's energy consumption in the winter through heat recirculation.

Whether using the mighty Powerfoil X2.0, the flexible Pivot, the oscillating Pivot 180, the mobile AirGo, the versatile Yellow Jacket, or the entire air-movement system, Big Ass Fans keep facilities comfortable, decrease energy costs, and cost mere pennies-per-hour to operate.



The ceiling fan – reinvented

for commercial spaces.



eLEMENT[®]
by Big Ass Fans

Element[®] was designed from the ground up to deliver the benefits of Big Ass Fans to large air-conditioned commercial environments. The smooth air circulation and energy efficiency of Big Ass Fans have been reborn into a silent and stylish fan that will complement any environment.

Features

- Oil-free prime mover provides silent operation (<40 dBA)
- Onboard controls eliminate electrical noise and interference
- Customization platform for optional accessories
- Wall mounted keypad with LCD display
- Full 10-year warranty*
- Available in 12- to 20-ft. diameters

Common Applications

- Fitness facilities and gyms
- Retail spaces and showrooms
- Restaurants
- Libraries



*10-year parts, 1-year labor warranty; certain exclusions apply. See complete warranty for details.



ISIS[®]



ISIS[®] is built by hand with aircraft-grade aluminum to make a bold statement in commercial and residential spaces. Patented airfoils and winglets enable Isis to move more air than nine standard ceiling fans combined, but it consumes only a fraction of the energy.

Features

- Oil-free prime mover provides silent operation (<35 dBA)
- Onboard controls eliminate electrical noise and interference
- Fits ceilings as low as 12 feet
- Full 10-year warranty*
- Available in 8-, 10- and 12-ft. diameters

Common Applications

- Fitness clubs
- Restaurants and bars
- Lobbies and atria



*10-year parts, 1-year labor warranty; certain exclusions apply. See complete warranty for details.



Introducing the Isis outdoor series from Big Ass Fans. The ceiling-mounted Isis, now rated for outdoor use, moves large volumes of air in outdoor spaces. Isis provides cooling breezes over large areas, deters pesky insects and is completely impervious to the wet outdoors.

Features

- UL listed, suitable for wet locations
- Ceiling-mount option available in 8-ft. diameter
- 5-year outdoor use warranty

Common Applications

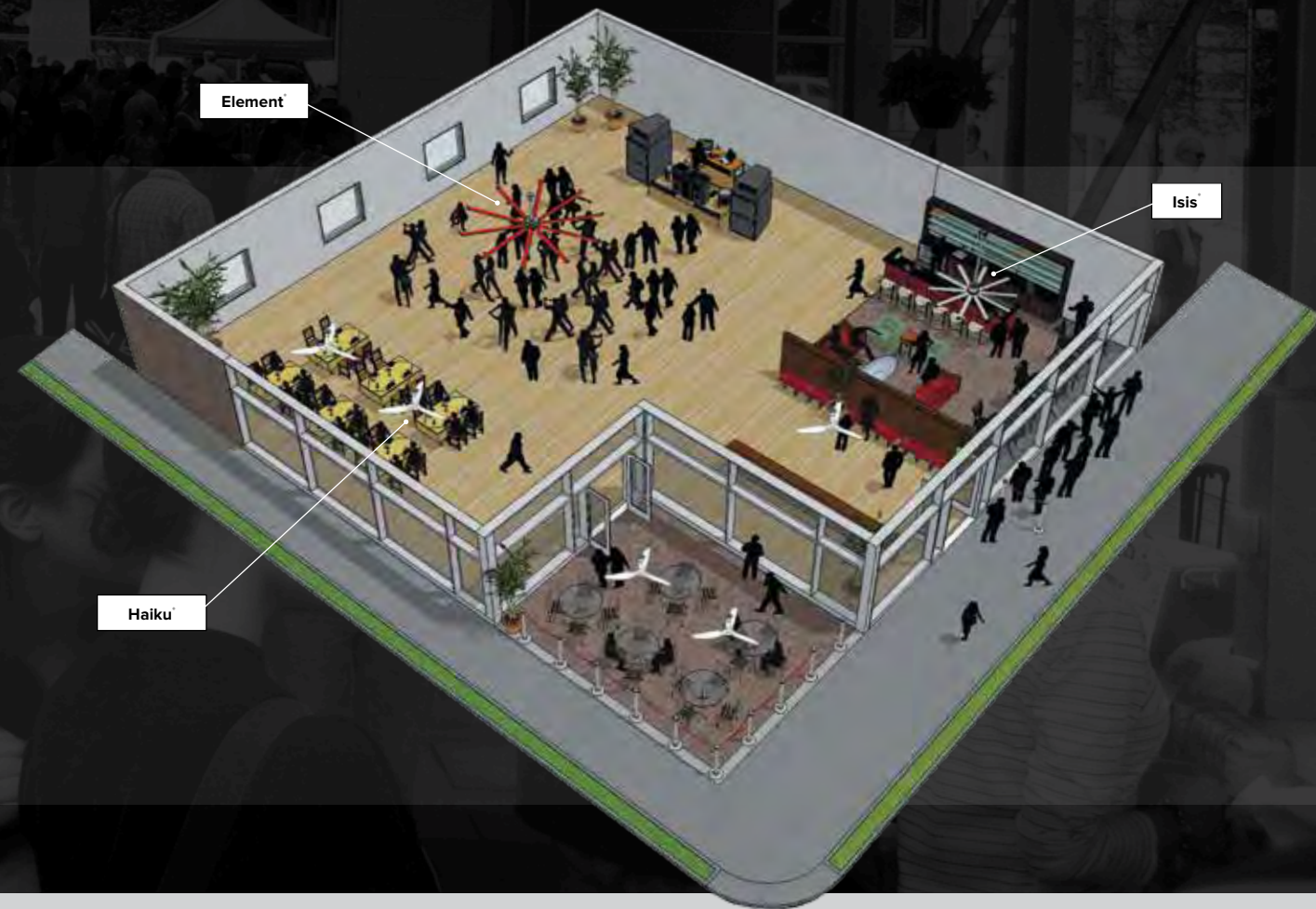
- Outdoor patios
- Pool decks
- Resorts
- Natatoriums

ISIS[®] OUTDOOR SERIES

Isis is perfect for great rooms, lofts and other large residential areas.

Commercial Applications

A silent, stylish way to bring air movement to commercial and institutional spaces. Ranging in size from 60 inches to 20 feet in diameter. The commercial-grade Big Ass Fans, Element, Isis and Haiku, improve circulation and aid in energy conservation by reducing the dependence on heating and cooling systems. In fact, just one 8-ft. diameter Isis covers more area than NINE standard 52-inch ceiling fans combined at just 1/3 of the operating cost. Driven by proprietary gearless motors, the effects of Element and Isis are seen and felt – not heard. Advanced onboard electronic systems prevent interference with electronic equipment such as POS devices, computers or sound systems. And although they're whisper quiet, Big Ass Fans make a bold statement about a commitment to energy efficiency and comfort.





Haiku - no equal in
smaller spaces.





HAIKU™



Haiku® looks different because it is different. Confirmed by ENERGY STAR® as the most efficient ceiling fan in the world, the 60-inch (1.5m) Haiku is also a winner of numerous international design awards.

Features

Ultra-Efficient Motor

Haiku's sleek look conceals Sensorless Drive Technology™ that delivers an 80% improvement in efficiency over conventional ceiling fan motors.

LED Module

Haiku's sleek integrated LED module is more energy efficient than incandescent bulbs and offers an unparalleled 50,000-hour lifespan.

Slender Remote Control

Ten unique control settings, including the exclusive Whoosh® mode to simulate natural outdoor airflow for a 40% increase in perceived cooling.



You asked for it. We designed it. Haiku delivers the same quality and attention to detail that characterizes all Big Ass Fans, but in a package designed for residential and commercial spaces.

Lifetime Warranty

We're so sure Haiku has a superior motor, we'll guarantee it.

Finish Options

Patent-Pending Thin Sheet™ Airfoils
Bamboo – Caramel or cocoa

- Five layers of meticulously hand-finished bamboo
- Environmentally sustainable material – Moso bamboo fully renews itself every five years

Matrix Composite – Black or white

- Finished with three coats of automotive-grade paint for a timeless appearance
- Damp rated for superior performance indoors or out



reddot design award
winner 2012



Our unique LEED®-Gold research and development laboratory and continuous pursuit of customer satisfaction show that our innovations aren't limited to our product line. With industrial heritage, corporate responsibility and impeccable style, the Big Ass Fan Company has changed the ceiling fan forever.

Big Ass Fan Company

An ISO 9001:2008 certified company

2348 Innovation Drive, Lexington, KY 40511
877-BIG FANS (877-244-3267)

www.BigAssFans.com

Unit 22, 1029 Manly Road, Tingalpa QLD 4173
(07) 3292 0100

www.BigAssFans.com.au



Ask how Big Ass Fans contribute to LEED® credits in:
Optimized Energy Performance; Enhanced Refrigerant Management; Minimum Indoor Air Quality Performance; Increased Ventilation; Thermal Comfort — Design;

Covered by one or more of the following U.S. Patents: 6,244,821; 6,589,016; 6,817,835; 6,939,108; 7,252,478; 7,284,960; D587,799; D607,988; 7,654,798; D635,237; 7,934,907; D641,075; D642,674; 8,075,273; D650,893; 8,079,823; 8,147,182; 8,147,204; 8,152,453; 8,162,613 and other patents pending. ©2012

Delta T Corporation dba the Big Ass Fan Company.
All rights reserved. BAF901-08/12-03-11



 **BIG ASS FANS**
No Equal.

USING BIG ASS FANS TO
IMPROVE
ENERGY EFFICIENCY





COOLING WITHOUT AIR CONDITIONING

Air conditioning is not the most cost-effective method for controlling comfort in many environments. Short-term solutions such as noisy box or pedestal fans are often used to address comfort, but these inefficient space-eaters are more of a maintenance headache than a heat reliever. Still, increased air movement is achievable.

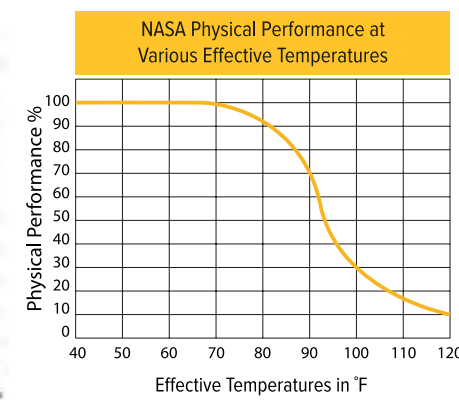
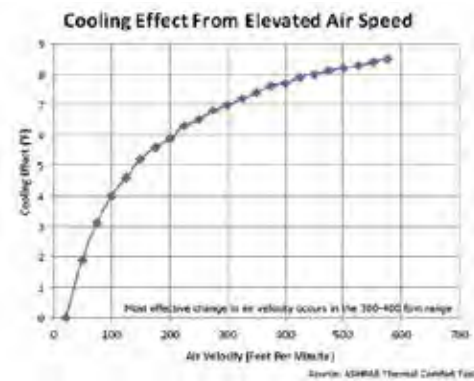
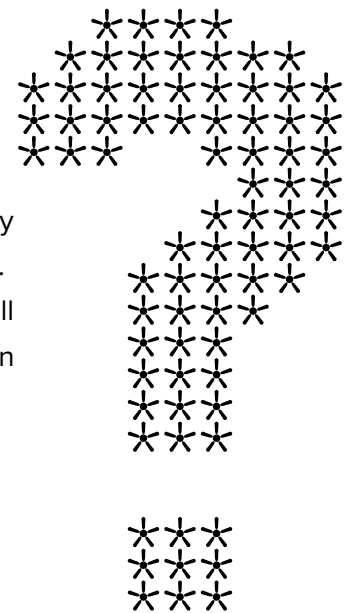


Chart 1 illustrates the cooling effect created by increased air speeds. Chart 2 references the decline in productivity if extreme temperatures are not addressed.

Why not use dozens of small fans?

Whenever upfront installation or energy costs render air conditioning economically impractical, Big Ass Fans are the answer. Big Ass Fans can replace dozens of small ceiling and pedestal fans at just a fraction of the operating cost.



McQuay International's Applied Air Systems replaced 100 small box and high velocity fans in its plant with twelve 24-ft. diameter Big Ass Fans, saving 97,656 KW and \$6,347 annually. McQuay also reduced its winter gas usage by 32.6%, saving nearly \$55,000 each year.

CASE IN POINT:
 The Oakland Unified School District, (OUSD) worked to replace its old concrete edifice and portable classrooms with a healthy, efficient learning environment that could serve as a prototype for future projects that share a similar, mild climate. The goal was to comply with the ASHRAE Standard 55-2010 Thermal Environmental Conditions for Human Occupancy comfort criteria without using compressorized cooling in high-density occupancy rooms. Therefore, they employed a three-layer strategy for maintaining comfort conditions, using a nighttime cooling cycle, thermal mass walls and Big Ass Fans specifically engineered for the space.

In this system, the Big Ass Fans are used to, "drop the perception of temperature by four to five degrees," explained Brent Eubanks, mechanical engineer and LEED AP for Taylor Engineering, LLC. "If your comfort limit is at 78, it can be 83 degrees in the room and you're still within your comfort threshold, thanks to the air movement by the ceiling fans."

COOLING WITH AIR CONDITIONING

Fans OR air conditioning? What a silly question! Using Big Ass Fans in conditioned spaces will enhance a mechanical system's efficiency and capacity for cooling.

In a building's initial planning stages, including Big Ass Fans as part of the HVAC system allows for a significant reduction in the facility's planned cooling capacity (tonnage). In addition to reducing tonnage, fans efficiently distribute conditioned air from ceiling to floor and wall to wall, eliminating the need for costly and unsightly ductwork, potentially saving tens of thousands of dollars in building materials, labor and design time.

By increasing air velocity, Big Ass Fans thoroughly distribute conditioned air and create a cooling effect throughout the space, allowing a user to raise a thermostat set point. Each degree the set point is raised reduces HVAC related energy usage by 2-3%; for example, by raising the thermostat from 74 F to 81 F, one could expect to save 15-20% on annual cooling.



The two-story central gym area at Double Diamond Athletic Club in Reno, Nev., presented a challenge when it came to air movement. Patrons pumping iron downstairs were too cool, while those on the cardio balcony were feeling a little too much burn.

With a 20-ft. diameter Element® fan mixing the air, uniform temperatures keep patrons comfortable throughout the gym, while reducing energy bills year round.

“The Big Ass Fan has dramatically improved my club. We saved \$900 a month in energy costs – a full return on investment within 12 months of installation.”

Mike Shirley
Owner
Double Diamond Athletic Club



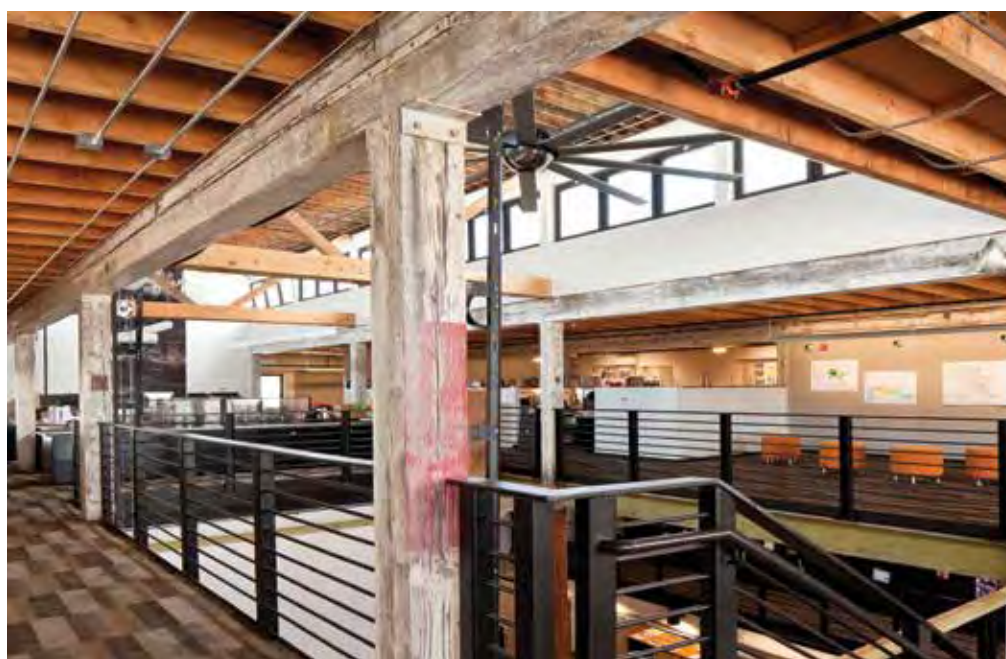
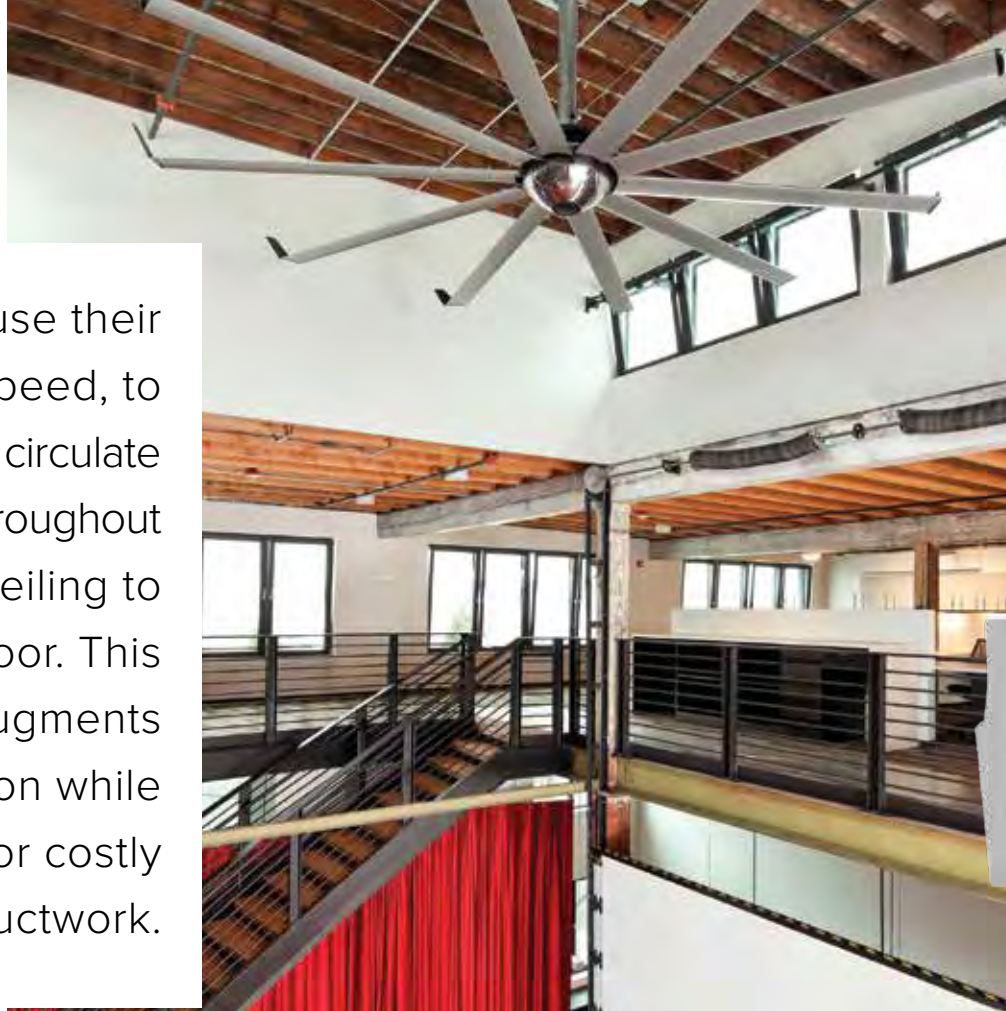
CASE IN POINT:

A former retail shop found new life as DPR Construction's net-zero Phoenix headquarters. Located in the heart of a recently redeveloped area and featuring a number of innovative features to improve energy efficiency, the building utilizes an ingenious combination of shower towers, a solar chimney, operable windows and twelve 8-ft. diameter Isis® fans from the Big Ass Fan Company to keep its workforce comfortable in the desert heat. The DPR Phoenix office, powered by sustainable comfort technologies, is a living laboratory for how to minimize the reliance on air conditioning in the desert. The space has won multiple design and green building awards, and received LEED® Platinum certification.

“The Big Ass Fans are a huge component to our passive cooling comfort system. It would not work without them. The fans also add to our look; we've received a lot of compliments on them.”

Andy Hill
Preconstruction manager and sustainability specialist
DPR Phoenix

Big Ass Fans use their immense size, not speed, to gently and efficiently circulate an ocean of air throughout spaces, from ceiling to floor and wall to door. This thorough mixing augments HVAC distribution while reducing the need for costly and unsightly ductwork.



CASE IN POINT:

Designers of the mechanical system at the heart of the LEED®-Platinum office of Rice Fergus Miller produced a chimney effect by instituting a passive ventilation system with clerestory windows. When temperatures fall outside of a 15 degree “passive zone,” an HVAC system provides conditioned air. To avoid running \$70,000 worth of ductwork throughout the three-story alcove, the designers integrated variable speed heat pumps and installed Big Ass Fans to mix the air. The project was awarded a First Place ASHRAE Technology Award for 2013 in the existing commercial buildings category. After one year of use, the project has an EUI of 21.8 kBtu/sf/year, 76 percent better than the national average for office buildings (93 kBtu/sf/yr).

MINIMIZING / ELIMINATING DUCTWORK



Bell's Brewery, Kalamazoo, Mich.

“The architects kept the design simple and clean by minimizing ductwork,” said Bud Snyder, mechanical engineer with Byce and Associates. “We ran a main trunk duct through the middle of the space and installed Big Ass Fans on the sides to move conditioned air around the entire brew house.”

WINTER ENERGY SAVINGS / DESTRATIFICATION

Because the air supplied by a heater is approximately 5-7% lighter than the rest of the air in a space, it tends to rise to the ceiling, creating a significant temperature difference between the floor and the ceiling. This natural phenomenon is known as stratification. A destratified space has only a slight temperature difference from floor to ceiling. Destratifying a space can result in heat energy savings of 30%.

The ability of a Big Ass Fan to effectively destratify and influence all the air in a space is based on three primary factors – the jet of air produced, the volume of air moved and the lack of draft created at low speeds.

The Jet

Big Ass Fans create a slow-moving jet of air that reaches all the way to the floor. The airflow from small fans often struggles to reach the floor, which means it cannot efficiently mix the entire volume of the space, resulting in air that remains stratified.

The Volume

The volume of air moved by the fan is critical for complete destratification; the fan must turn all the air in the space over at least once per hour to homogenize the air.

The Draft

Big Ass Fans are slowed – not reversed – to move a large volume of air without creating a draft (measured as air velocity of ~30 fpm or less at occupant level) that might cause an unwanted cooling effect. Reversing a fan at high speeds requires more energy and also increases the rate of heat loss through the roof.



CASE IN POINT:

Temperature gradients of 18 to 20° F between the floor and mezzanine during the heating season created uncomfortable and costly conditions at British Airways' Hangar 6. Five 24-ft. diameter Big Ass Fans increased air circulation for a more comfortable and efficient workspace. British Airways cut energy consumption in Hangar 6 by more than two million kilowatt hours and saved over \$114,000 during the first four months of fan operation.

While other schools in the Wasilla, Alaska, school district take three or four hours to heat up, a 12-ft. diameter Big Ass Fan has made Machetanz's temperature recovery almost immediate, increasing efficiency and lowering energy costs. Architects at McCool Carlson Green projected the building would perform at 8,700 mBtu/year but after the first full year of occupancy the building performed at 4,300 mBtu/year, representing over \$200,000 in annual savings.

"The fan worked as part of a system to improve the indoor environment of the building with a passive strategy of reversing the convection and getting our hot air off the ceiling back down to the floor," said Jason Gamache, sustainability coordinator with McCool Carlson Green.



IMPROVING VENTILATION AND IAQ

Many buildings have both their supply and return vents located on the ceiling. This works great in the summer, when cold, conditioned air drops out of the vents and straight to the floor. But heated air? Not so much.

Big Ass Fans aid zone air distribution effectiveness by gently pushing the warmed air down to the breathing zone and away from the return vents, reducing the amount of freshly heated air that is wasted due to short circuiting. Facility designers can use Big Ass Fans to circulate conditioned air throughout the space and reduce their fresh air intake by up to 20% without a negative effect on indoor air quality.



CASE IN POINT:

The Big Ass Fans Research and Development Laboratory put this concept into practice. By stationing a Big Ass Fan between the supply and return vents, the laboratory minimizes the waste of fresh, conditioned air. Because this air is circulated down to the breathing zone, the facility reduces its fresh air intake by 20%.

LUNCH & LEARNS

Our Big Fan Experts and Applications Engineers are available to discuss any specific project needs or schedule a Lunch and Learn to earn continuing education credits for your firm.



PUTTING LEED INTO PRACTICE

The Big Ass Fans Research and Development Laboratory is dedicated to developing the world's most energy efficient fans.

Minimum Ventilation Requirement: ASHRAE Standard 62.1-2010

Standard Ventilation Calculations	Warehouse Zone
Zone Floor Area - Az (ft ²)	5,000
Outdoor Airflow Rate Per Unit Area - Ra (cfm/ft ²)	0.18
Zone Population - Pz (people)	20
Outdoor Airflow Rate Per Person - Rp (cfm/ft ²)	10
Breathing Zone Outdoor Airflow (cfm)	1,100
Typical Zone Air Distribution Effectiveness (Ez)	0.8
Outdoor Air Intake Flow (cfm)	1,375

Revised Ventilation Calculations From Increased Distribution Effectiveness

Revised	Warehouse Zone
Breathing Zone Outdoor Airflow (cfm)	1,100
Well Mixed Zone Air Distribution Effectiveness (Ez)	1
Outdoor Air Intake Flow (cfm)	1,100
Original Outdoor Air Intake Flow (cfm)	1,375
Percent reduction from improving (Ez)	20%

The lab was designed for the unique requirements and challenges of testing large diameter, low speed fans. The unique attributes of the building allow Big Ass Fans' dedicated R&D staff to conduct fan performance testing including fan-generated air velocity profiles, fatigue testing of complete fan assemblies and components, as well as build full-scale prototypes of the newest fan designs. The lab achieved LEED-Gold certification through the USGBC and includes numerous green design strategies:

- 35% reduction in building energy cost when compared to an ASHRAE Std. 90.1-2004 code minimum building.
- Elevated air speed is used to offset an increased thermostat setpoint (per ASHRAE Standard 55-2010).
- The HVAC design incorporated Big Ass Fans which ultimately lowered the static pressure experienced by the supply fan and increased the efficiency of the air distribution system.
- One year after the grand opening, it was determined that the lab consumed ~18 kBtu/ft²-yr of energy—slightly less than the average vacant building.*

Big Ass Fans can help contribute to earning LEED credits in the following categories:

- Energy and Atmosphere
- Indoor Environmental Quality
- Innovation in Design

For a more in-depth look at how Big Ass Fans contribute to green building strategies, visit www.bigassfans.com/energy

* Commercial Buildings Energy Consumption Survey (CBECS)



Big Ass Fan Company

800 Winchester Road, Lexington, KY 40505
877-BIG FANS (877-244-3267)
www.BigAssFans.com

Unit 22, 1029 Manly Road, Tingalpa QLD 4173
(07) 3292 0100
www.BigAssFans.com.au



Ask how Big Ass Fans contribute to LEED® credits
in: Optimized Energy Performance; Enhanced
Refrigerant Management; Minimum Indoor Air Quality
Performance; Increased Ventilation; Thermal Comfort
— Design; Innovation in Design

Covered by one or more of the following U.S. Patents: 6,244,821; 6,589,016; 6,817,835; 6,939,108; 7,252,478; 7,284,960; D587,799; D607,988; 7,654,798; D635,237; 7,934,907; D641,075; D642,674; 8,075,273; D650,893; 8,079,823; 8,147,182; 8,147,204; 8,152,453; 8,162,613 and other patents pending. ©2012 Delta T Corporation dba the Big Ass Fan Company. All rights reserved. BAF901-05/13-03-11



CHALLENGE

Excessive heat and uncomfortable conditions at the United States Army Aviation Logistics School hindered students' ability to learn and focus. The school needed an energy-efficient air movement solution to improve occupant comfort throughout the 800,000-sq. ft. facility.

SOLUTION

Ft. Eustis installed six overhead Big Ass Fans in large open spaces throughout the facility. In smaller spaces, the 8-ft. vertical AirGo® and 6-ft. diameter Pivot™ fans send airflow exactly where it's needed. These fans move massive amounts of air while providing energy savings and occupant comfort year round. Now, students can focus on their lessons instead of their discomfort.

“Everyone appreciates the air movement. Prior to installing Big Ass Fans, the space was uncomfortable and students had a difficult time learning in the hot environment. Now students stay focused and concentrate more.”

Bruce Bulger, BDAR Project Officer

Big Ass Fans has the solution for every air movement need!



Overhead



Portable



Misting



Directional



Controllers

©2013 Delta T Corporation dba the Big Ass Fan Company. All rights reserved. BAF324-03/13-01-00



CHALLENGE

With doors constantly opening, consistent temperatures were difficult to maintain in the non-air conditioned and poorly insulated Kentucky National Guard helicopter maintenance hangar. The Guard needed to create and maintain a stable temperature throughout the hangar to improve both technicians' comfort and energy efficiency.

SOLUTION

The Kentucky National Guard installed a 24-ft. diameter Powerfoil®X2.0 and immediately felt the difference. The Powerfoil X2.0 boasts its own patented airfoil system, which increases the fan's overall coverage area by 28%. The fan improves summer comfort and winter efficiency, without added distraction or noise.

“I’m extremely happy with the fan. We keep it going year round. If we turn it off, even to weigh an aircraft, the shop immediately calls and wants to know why.”

Jeremy Knight, Mechanic
Kentucky National Guard

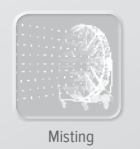
Big Ass Fans has the solution for every air movement need!



Overhead



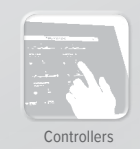
Portable



Misting



Directional



Controllers

©2013 Delta T Corporation dba the Big Ass Fan Company. All rights reserved. BAF1714-02/13-01-04

Meet The Hands-Free, Year-Round Genius

SmartSense365™ by the Big Ass Fan Company maximizes both energy savings and comfort through year-round control of your industrial ceiling fan with the push of a button.



With three user modes—winter, summer and manual—the SmartSense365 tells your Big Ass Fans what to do in each season, so you can concentrate on everything else.

Winter mode: Automatically adjusts the fan's speed to minimize the temperature differential between the floor and ceiling.

Summer mode: Automatically increases fan speed as the floor level temperature rises.

Manual mode: Gives user full control over every aspect of fan operation.

SmartSense365 can be locked to ensure that each Big Ass Fan is running as efficiently as possible, maximizing energy savings and comfort while preventing employees from freely adjusting fan speeds.

Features and Benefits

Year-Round Operation

- Optimizes year-round energy savings and employee comfort
- Simplifies process of destratification, providing energy savings of up to 30% in the winter
- Improves air circulation in summer

Simple and Easy To Use

- Intuitive interface allows easy switching between modes with the push of a button
- Bright LED lights are color coded to identify selected mode

Comprehensive System

- Internal temperature sensor eliminates need for additional equipment
- Includes AC adaptor for hassle-free installation

Dependable Construction

- Durable housing protects the unit from damage in tough environments
- Internal components are sealed for protection against moisture



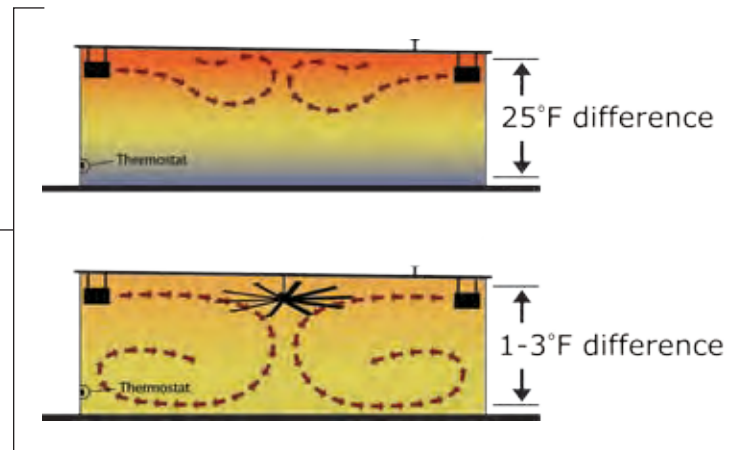
Ask how Big Ass Fans contribute to LEED® credits in: Optimized Energy Performance; Enhanced Refrigerant Management; Minimum Indoor Air Quality Performance; Increased Ventilation; Thermal Comfort – Design; Innovation in Design.

BIG ASS FANS
No Equal.

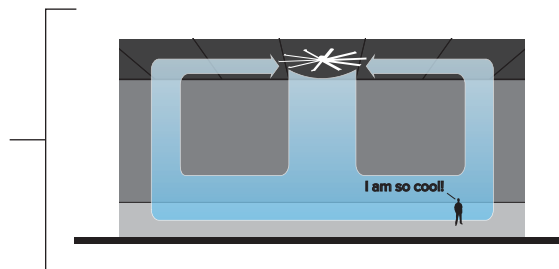
TECHNICAL SPECIFICATIONS

Technical Specifications	
Dimensions	7.25 x 3.825" (184 x 97mm)
Wall Mounted	Surface mount on standard electrical box
Interface Housing	Aluminum
Power Supply	0.25 A
Connection Type	2 conductor shielded cables, 18–22 gauge stranded
Number of Temperature Sensors	2
User Modes – Summer, Winter and Manual	10%–100%
Locking Enclosure	Optional

Slash winter heating bills by up to 30% by minimizing the ceiling-to-floor temperature differential.



Keep employees comfortable and more productive in the summer.



©2013 Delta T Corporation dba the Big Ass Fan Company. All rights reserved. BAF1502-2/13-01-00

Big Ass Fan Company | An ISO 9001:2008 certified company

800 Winchester Road, Lexington, KY 40505
 877-BIG FANS (877-244-3267)
www.BigAssFans.com

BIG ASS FANS
 No Equal.