Yeah, they’re big—up to 24 feet (7.3 m) in diameter, to be exact. But Big Ass really means our fans are awesome in any size. Backed by the serious smarts of a veritable gaggle of engineers, Big Ass Fans® pair energy-efficient motors with advanced airfoil technology to produce airflow on a massive scale, improving comfort and reducing energy use in buildings worldwide.

“...The worst form of inequality is to try to make unequal things equal.”
Envision Your Space

Big Ass Fans were born from a simple concept: A cool dairy cow is a comfortable cow, and a comfortable cow is a productive cow.

The best way to cool a herd of cows is known to be really big overhead fans. From there, it was a natural evolution to improving working conditions in industrial facilities worldwide. Along the way, we learned a few things about the market and have expanded our technology to include fans and lights all conceived from the same Big Ass idea: creating comfort and improving conditions while using the least amount of energy.

INDUSTRIAL FANS FOR YOUR INDUSTRIOUS SPACE.
HVLS Jet

A plain and simple fan for plain, simple air movement.

HVLS Jet is for when you basically just need to move some air. If you’re on a budget and don’t want all the bells and whistles, HVLS Jet is the fan for you. Designed and thoroughly tested by our engineers, HVLS Jet offers reliable Big Ass performance and year-round energy savings, and is backed by a 12-year limited warranty in the US and Canada.

Features and benefits

- Patented system of six airfoils and cuffed winglets maximizes performance and efficiency, creating a cooling effect of up to 10°F (5.6°C) in summer. In winter, HVLS Jet gently pushes down warm air trapped at ceilings, resulting in up to 30% savings on heating costs.

- Industrial-grade motor and gearbox features inline helical-cut gears for efficient, reliable and durable operation, lubricated for life with synthetic oil.

- Patent-pending hub system features machine-cut precision components for a uniform load distribution that promotes overall longevity and durability.

- Wall-mounted NEMA 4X-rated controller employs an easy-to-read LED display in a compact housing with lockout/tagout capability.

- Includes a standard, power-on shutdown fire relay for seamless fire-control panel integration.

- Entire fan is ETL certified to UL 507/CSA C22.2 No. 113, ensuring that your fan meets safety requirements.
### Technical Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>HVLS Jet</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number and type of airfoils</td>
<td>6 patented Powerfoil® airfoils</td>
</tr>
<tr>
<td>Airfoil finish</td>
<td>Mill finish aluminum</td>
</tr>
<tr>
<td>Winglet (standard color)</td>
<td>Powerfoil winglet (black)</td>
</tr>
<tr>
<td>Fan diameter (A)</td>
<td>8 ft (2.4 m)</td>
</tr>
<tr>
<td>Fan weight (not including mount or extension tube)</td>
<td>112 lb (50.8 kg)</td>
</tr>
<tr>
<td>Motor</td>
<td>1.0 hp (0.75 kW)</td>
</tr>
<tr>
<td>Maximum speed</td>
<td>176 RPM</td>
</tr>
<tr>
<td>Input power and required breaker</td>
<td>100–125 VAC, 50/60 Hz, 1 Φ, 20 A</td>
</tr>
<tr>
<td>Maximum full load current</td>
<td>11.0 A @ 100–125 VAC, 1 Φ</td>
</tr>
<tr>
<td>Minimum airfoil clearances required</td>
<td>2 ft (0.6 m) on sides</td>
</tr>
<tr>
<td>Standard mount</td>
<td>Small I-beam</td>
</tr>
<tr>
<td>Mount options</td>
<td>Large I-beam, spanned angle iron, small/large L-bracket, Z-purlins</td>
</tr>
<tr>
<td>Controller</td>
<td>Variable frequency drive, NEMA 4X</td>
</tr>
<tr>
<td>Onboard controller</td>
<td>By request</td>
</tr>
<tr>
<td>Gearbox</td>
<td>Industrial-grade</td>
</tr>
<tr>
<td>Sound level at maximum speed'</td>
<td>&lt; 55 dBA</td>
</tr>
<tr>
<td>Redundant safety features</td>
<td>Airfoil retainers, hub clips, safety cables, Grade 8 bolts</td>
</tr>
<tr>
<td>Fire relay</td>
<td>Included</td>
</tr>
<tr>
<td>Certifications (entire fan)</td>
<td>ETL/Intertek-certified to UL 507, CSA C.22.2</td>
</tr>
<tr>
<td>Warranty'</td>
<td>12-year limited warranty</td>
</tr>
</tbody>
</table>

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1. Other sizes available upon request.
2. Fans are sound tested at maximum speed in a laboratory environment. Actual results in field conditions may vary due to sound reflecting surfaces and environmental conditions.
3. 12 years limited parts (first 3 years covered at 100% and pro-rated thereafter), lifetime airfoils and hub warranty available in the US and Canada; certain exclusions apply. Warranties vary by country. See complete warranty for details.
Powerfoil X2.0 combines the established ingenuity of the Powerfoil X with 28% more coverage area, providing unrivaled air movement. It’s so dependable, we back it up with our unprecedented 15-year, nonprorated warranty* when using Big Ass Fans’ factory certified installation.

Features
- Available in 8- to 24-ft (2.4- to 7.3-m) diameters
- Patented airfoil system uses 10 Powerfoil airfoils and winglets along with AirFence® technology to increase coverage area by 28%
- Optional Plus winglets create deeper jets of air movement over and around obstructions
- Hermetically sealed NitroSeal™ gearbox keeps contaminants out for maintenance-free operation
- Platform allows for the integration of lights, cameras or just about anything else you can imagine (disco ball available through special order)
- Keypad operates an unlimited number of fans from a single wall-mounted controller with passcode protected lock-out capabilities
- Onboard variable frequency drive is prewired to the motor, using a single electrical run from the breaker panel
- Entire fan is certified to UL507/CSA

*15-year parts, 1-year labor warranty in the US and Canada; certain exclusions apply. Warranties vary by country. See complete warranty for details.

Wash Down
Powerfoil X2.0 Wash Down adds an impressive array of purpose-built features that comply with the strict standards imposed by the food and beverage processing industry. Available as an optional upgrade, Powerfoil X2.0 Wash Down employs a stainless steel, UL wet-rated motor built to withstand frequent, intense cleanings. The NitroSeal gearbox is filled with food-grade oil, then painted with a food-grade epoxy using nonporous, nonabsorbent and corrosion-resistant materials throughout.

Powerfoil X2.0 LED* provides unimpeded light where occupants need it most. This energy-efficient light seamlessly integrates with your existing electrical grid, providing maintenance-free operation and excellent light output.

*Static tube required for LED installation; upgrade kit available for Powerfoil X2.0.
Basic 6® is for when you just need to move some air without all the bells and whistles of our other fans. Basic 6 offers air movement, plain and simple.

Features
- Available in 8- to 24-ft (2.4- to 7.3-m) diameters
- Patented airfoil system uses six Powerfoil airfoils and winglets for maximum airflow performance
- Industrial-grade motor and gearbox
- Easy-to-read LCD controller in a compact, wall-mounted package
- Entire fan is certified to UL507/CSA

Powerfoil 8 is a heavy-duty ceiling fan designed with industrial-grade components, fully factory tested prior to shipping to ensure perfect system operation.

Features
- Available in 8- to 24-ft (2.4- to 7.3-m) diameters
- Patented airfoil system uses eight Powerfoil airfoils and winglets along with AirFence technology that increases coverage area by 28%
- Industrial-grade motor and gearbox
- Easy-to-read LCD controller in a compact, wall-mounted package
- Entire fan is certified to UL507/CSA
The rugged 8-ft (2.4-m) diameter mobile, vertical AirGo delivers airflow half the length of a football field, yet is quiet enough to allow for a friendly conversation in its presence. Optional misting and all-terrain components allow for unimpeded use wherever cooling is needed.

**Features**
- 8-ft (2.4-m) diameter
- Low noise—operates at 43.2 dBA at maximum speed
- OSHA-compliant protective cage
- Plugs into any 110 volt, 15 amp outlet

**Call Me Mister AirGo**
- Optional misting kit disperses an ultra-fine mist of water droplets for enhanced cooling
- Evaporative cooling effect is equal to 22 tons of AC

**All-Terrain AirGo**
- Rough terrain maneuvering
- Oversized foam-filled tires
- Four-wheel steering and pull handle

With 73 unique mounting positions, Pivot® by Big Ass Fans can be aimed directly at a work station, towards an assembly line, down an aisle or away from ceiling obstructions. The compact profile and multiple mounting positions mean Pivot can fit into tight spaces. Need a little more air movement? Install Pivot 180 on a column or other vertical structure for massive airflow from side to side to cover a HUGE area.

**Features**
- 6-ft (1.8-m) diameter
- Flexible ceiling- or column-mounted 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 certified to UL507/CSA

Pivot’s optional oscillation function enables the air generated to span 180 degrees in any direction.
Yellow Jacket

Yellow Jacket is a Smashingly Durable™ fan that takes abuse and stays in use*. Provide cooling exactly where you need it with our mobile, mounted or oscillating options. The optional misting package offers a cooling effect equal to tons of AC exactly where you need it.

Features
- 30-inch (.76-m) diameter
- Extraordinarily durable construction
- Uses up to 50% less energy than other directional fans
- Amazingly quiet operation
- 10 adjustable speeds
- Multiple mounting options
- Misting and oscillating options

*Limited-lifetime warranty in the US and Canada; certain exclusions apply. Warranties vary by country. See complete warranty for details.

Sweat Bee

Wall- or column-mounted, Sweat Bee keeps employees feeling cool, clears smoke and fumes, and keeps pesky insects away with its 360-degree swivel and 40-degree tilt positioning.

Features
- Available in 18- and 30-inch (.46- and .76-m) diameters
- Sweat Bee 18 available with mobile pedestal or swivel mount
- Handcrafted with 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 in the US and Canada
The BAFWorks control system lets you network and control multiple appliances from a centralized location. The system’s intuitive software package makes it simple to learn and operate with just a tap and a swipe—no instruction manual required. The sleek interface and proprietary algorithms make controlling your fans, lights and ventilation equipment easier than ever, which translates to year-round energy management and savings, as well as real-time information right at your fingertips.

Features
- Smart management and control for fans, lights and ventilation
- Network up to 32 individual appliances or a virtually unlimited number of grouped items
- Password-protected interface prevents unauthorized use
- Customize device names for easy identification
- Control appliances individually or all at once
- Automated scheduling and lockout capabilities

Big Ass Light
Big Ass Light LED fixtures bring brilliant, energy-efficient light to a variety of spaces, from personal garages to sports facilities, industrial warehouses and more. These LEDs provide performance, efficiency and illumination that’s unmatched by typical fluorescent and metal halide fixtures. Big Ass Lights are housed in a single piece of anodized, extruded aluminum for superior heat dissipation and impact resistance. Complete with Big Ass Solutions’ comprehensive service and an industry-leading warranty, Big Ass Lights are the last light you’ll ever need.

Features
- Brilliant LEDs maintain 70 percent of initial output for up to 150,000 hours
- Energy-efficient lumen technology brings pure, clear light to every corner of your space
- Anodized, extruded aluminum body offers unparalleled strength and durability
- Single-piece housing and ribbed construction provide improved heat dissipation
- Industry-leading warranty covers all components, including power supply
- Direct sales means highest-quality lights without the middlemen
- Honored by U.S. Green Building Council with 2014 Best of Buildings Award
The ceiling fan – reinvented for commercial spaces.

Commercial Applications

Once Big Ass Fans became an established presence in factories and manufacturing plants around the world, some customers started installing our industrial fans in restaurants, schools, places of worship and other commercial spaces. So we went back to the drawing board and designed a line of fans for the specific requirements of sound-sensitive, air-conditioned spaces. Big Ass Fans’ line of commercial fans combine exacting engineering, silent operation and award-winning style to improve the efficiency of heating and cooling systems while making a bold design statement.
Element

Element was designed from the ground up to deliver the benefits of Big Ass Fans to large commercial environments. The smooth air circulation and energy efficiency of Big Ass Fans have been reborn in a silent and stylish fan that complements any environment, including churches, auditoriums and theaters.

Features
- Available in 16-, 18- and 20-ft (4.9-, 5.5- and 6.1-m) diameters
- Oil-free prime mover provides silent operation
- Onboard controls eliminate electrical noise and interference
- Fully customizable appearance package
- Wall-mounted keypad controller with LCD panel
- Full 10-year warranty*

*10-year parts, lifetime labor warranty in the US and Canada; certain exclusions apply. Warranties vary by country; see complete warranty for details.

Essence

Essence is both an essential money-saving machine and a work of art. Ranging from 8 to 14 feet (2.4 to 4.3 meters) in diameter, Essence is the first Big Ass Fan created to excel both indoors and out. With its high-efficiency, direct-drive motor, Essence provides the air movement needed in large spaces. From lobbies, pavilions and music venues to seaside dining and open-air theaters, Essence brings the quiet, comforting power of air movement to any space. In fact, a single Essence does the work of more than 28 standard 52-inch (1.3-m) ceiling fans for a fraction of the operating cost.

Features
- Available in 8- to 14-ft (2.4- to 4.3-m) diameters
- Suitable for ceilings as low as 12 feet (3.7 m)
- Gearless direct-drive motor provides silent operation (< 35 dBA)
- Permanent magnets reduce power consumption
- Modular construction for ultimate flexibility in styling and color schemes
- Suitable for indoor and outdoor spaces
- Wired or optional wireless wall controller
- Entire fan is certified to UL507/CSA
- Full 10-year warranty*

*10-year parts, lifetime labor warranty in the US and Canada; certain exclusions apply. Warranties vary by country; see complete warranty for details.
Built by hand with aircraft-grade aluminum, Isis makes a bold statement in commercial and residential spaces. Patented airfoils and winglets enable Isis to move more air than nine standard ceiling fans combined, consuming only a fraction of the energy. The Isis outdoor series brings the same cooling breezes to patios and courtyards.

**Features**
- Available in 8- and 10-ft (2.4- and 3-m) diameters
- Oil-free, gearless direct-drive motor provides silent operation
- Onboard controls eliminate electrical noise and interference
- Fits ceilings as low as 12 feet (3.7 m)
- Entire fan is certified to UL507/CSA
- Outdoor 8-ft (2.4-m) diameter fan available
- Full 10-year warranty*


Haiku 84 brings the same technology, quality construction and style of the award-winning 60-inch (1.5-m) Haiku ceiling fan to larger spaces. Haiku 84’s airfoils are constructed from aircraft-grade aluminum. The foils come in three colors of powder-coated, automotive-grade paint or stunning polished aluminum. But it’s not just about looking good: Haiku 84 provides twice the airflow of a standard ceiling fan, yet draws only 70.5W of power at maximum speed.

**Features**
- Rare-earth magnets triple the torque of Haiku’s motor for maximum performance
- Clean, minimalist three-airfoil design is hand-balanced for wobble-free operation
- Advanced electronics ensure silent operation at all seven of its speeds
- Even more efficient than the original Haiku 60, which holds the top ENERGY STAR ranking for ceiling fans
- Limited-lifetime warranty*

*Residential applications only. Warranties vary by country. See complete warranty for details.
Haiku looks different because it is different. Its sleek form conceals an advanced motor that is 80% more efficient than those found in conventional ceiling fans. Holding a top ENERGY STAR® ranking, Haiku 60’s energy efficiency exceeds ceiling fan testing requirements by more than 450%.

Haiku Features
- 52- and 60-inch (1.3- and 1.5-m) diameter
- Available in Moso bamboo and matrix composite
- Patented LED module offers an unparalleled 50,000-hour lifespan
- Exclusive Whoosh® mode simulates a natural breeze for a 40% increase in perceived cooling
- Limited-lifetime warranty*

*Limited-lifetime warranty available in the US and Canada; certain exclusions may apply. Warranties vary by country. See complete warranty for details.

SenseME Technology
Haiku with SenseME™ is the world’s first smart fan. It works with the Nest Learning Thermostat™ to slash utility bills year-round, and connects to UP by Jawbone™ fitness trackers to make bedrooms more comfortable and help you sleep better.

- Forget the switch: SenseME knows when you enter or leave a room and turns Haiku on and off automatically.
- Forget the chains: SenseME monitors the room’s temperature and humidity, adjusting Haiku’s speed when conditions change.
- Forget discomfort: SenseME learns your comfort preferences, tailoring those speed adjustments to what you find comfortable.
Our unique LEED Gold-certified Research & Development Lab combined with our continuous pursuit of customer satisfaction mean that our innovations aren’t limited to our product line. With industrial know-how, corporate responsibility and impeccable style, Big Ass Fans has changed the ceiling fan forever.