MacroAir
engineers of air™

by BLUE GIANT®

The origin of "engineers of air™."
From the beginning we've believed that no matter how attractive a fan may appear, it's only as good as the quality and quantity of air it delivers. So after relentless research, design, and testing our engineers discovered that by using a lower horsepower motor and precisely engineered blades, our fans solved the problem of energy-sapping cooling and heating systems. That eventually led us to the invention of the HVLS (high volume low speed) category in 1998.

While our then ten-blade fans seemed fully capable of creating a massive column of air, it wasn't until we reduced the number of blades from ten to six that we found the perfect formula for efficient air movement. Thus the creation of MacroAir's 6ix Blade™ Technology.

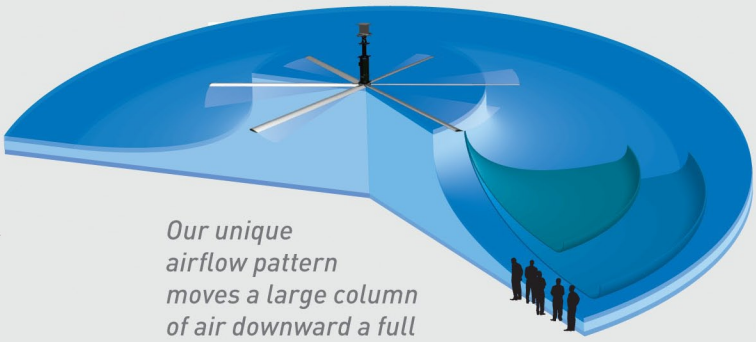
From outer space to your space.
The heart and soul of our HVLS technology lies in the patented NASA-design airwing blade. By sculpting an anodized aluminum airfoil and calibrating the ideal blade angle, we were able to optimize airflow. And by eliminating four blades, we were able to reduce the drag and torque of the legacy ten-blade fan. So, fewer blades to turn = longer fan life.

In fact, every piece of the MacroAir drive system is synchronized to deliver maximum airflow. From aluminum casings and stainless steel bearings to helical gearboxes and variable frequency drives, our fans are not only the most reliable and efficient ever built, but they're the only HVLS fans certified by AMCA (Air Movement and Control Association).

A WORK OF AIR.

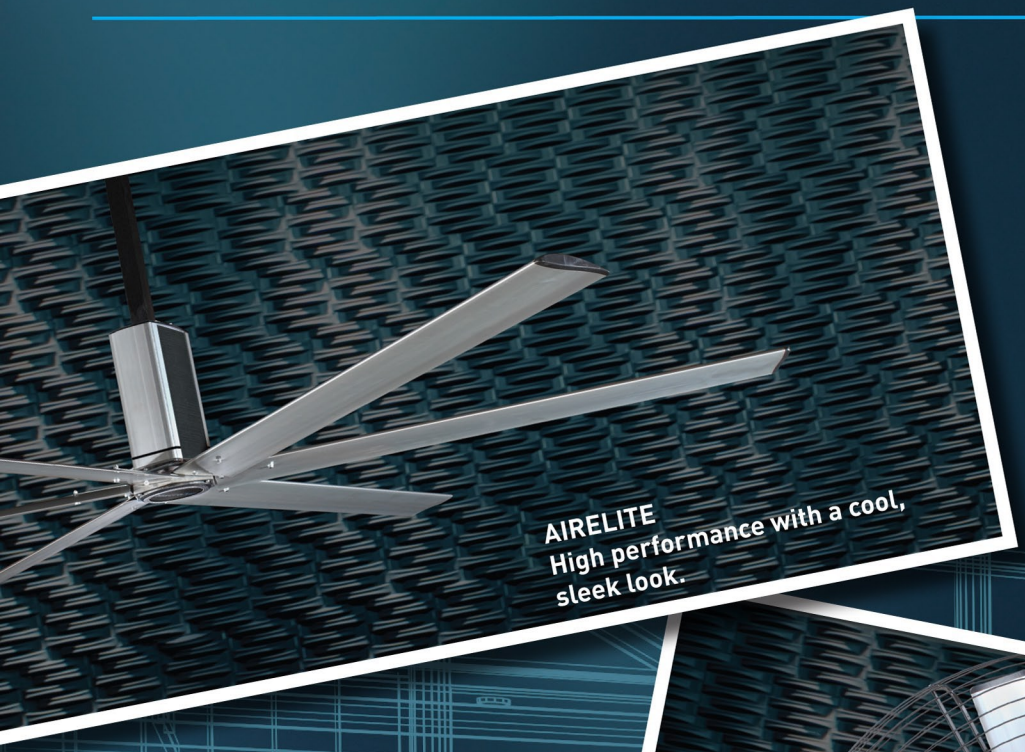
Engineering aerodynamics and the environment. MacroAir HVLS technology has big benefits for you, your employees and the environment. By using the power of efficient airflow, buildings use less energy for heating and cooling. Air is exchanged at a greater rate and your space becomes heathier and more comfortable for employees and customers.

By reducing the number of blades from ten to six, our fans actually use 40% less aluminum in production, reducing our impact on the environment. In addition, MacroAir fans with 6ixBlade technology create the same amount of airflow as ten-blade fans, but with 40% less energy. You might say our fans are as gentle on people as they are on the planet.

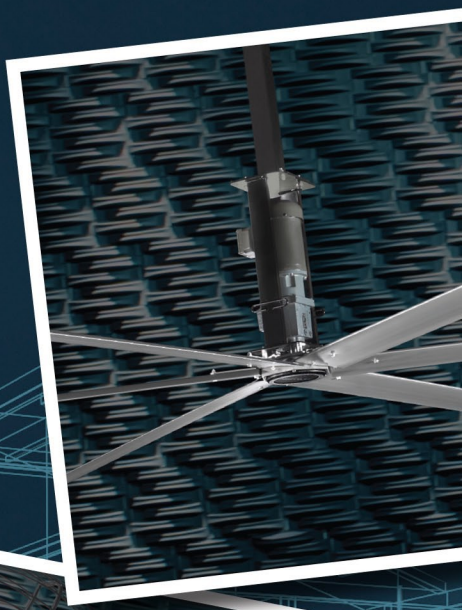


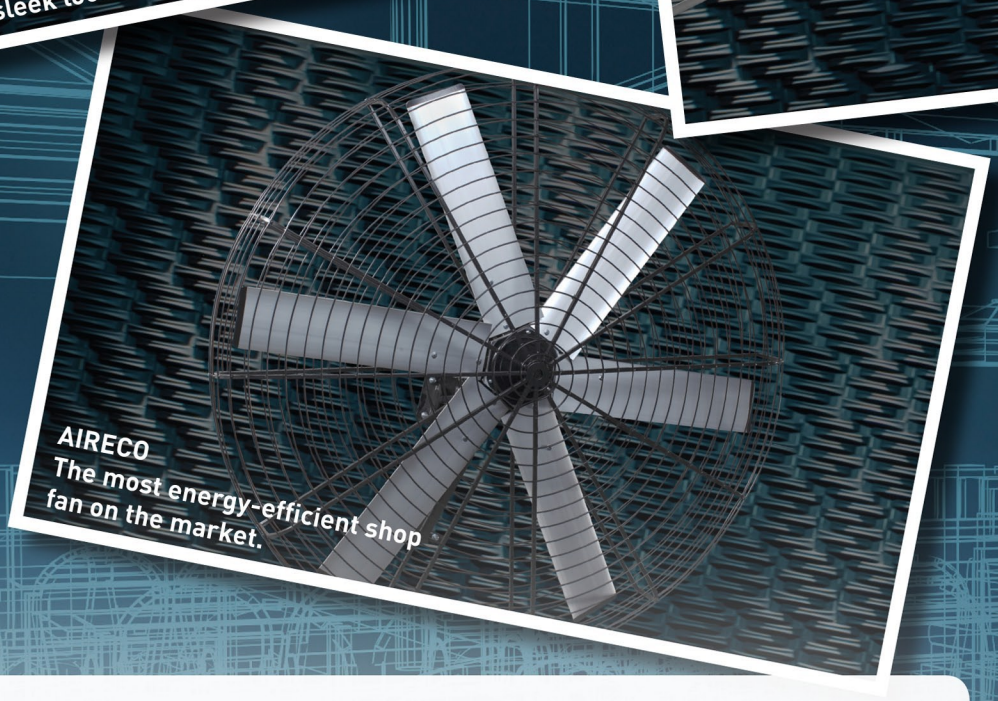
Our unique airflow pattern moves a large column of air downward a full 360°, up the walls and back through the fan.

HOW TO INCREASE YOUR BUSINESS'S COOL FACTOR.



AIRELITE
High performance with a cool, sleek look.





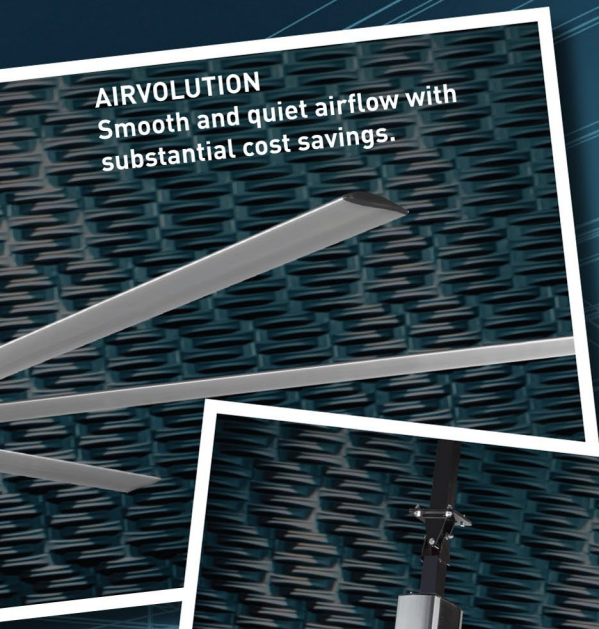
AIRECO
The most energy-efficient shop fan on the market.

Redefining cool.
MacroAir's HVLS fans may very well change the way you think about cooling (and heating) altogether. For example, in a facility without an HVAC system, our HVLS fans can be used as a stand-alone cooling system, lowering effective temperatures by up to 8°F across the fan's coverage area. For a 24' fan, that amounts to approximately 24,000 square feet. When used in conjunction with existing HVAC systems, the steady airflow can actually help reduce or, in some instances, eliminate the need for costly A/C ductwork and diffuser panels.

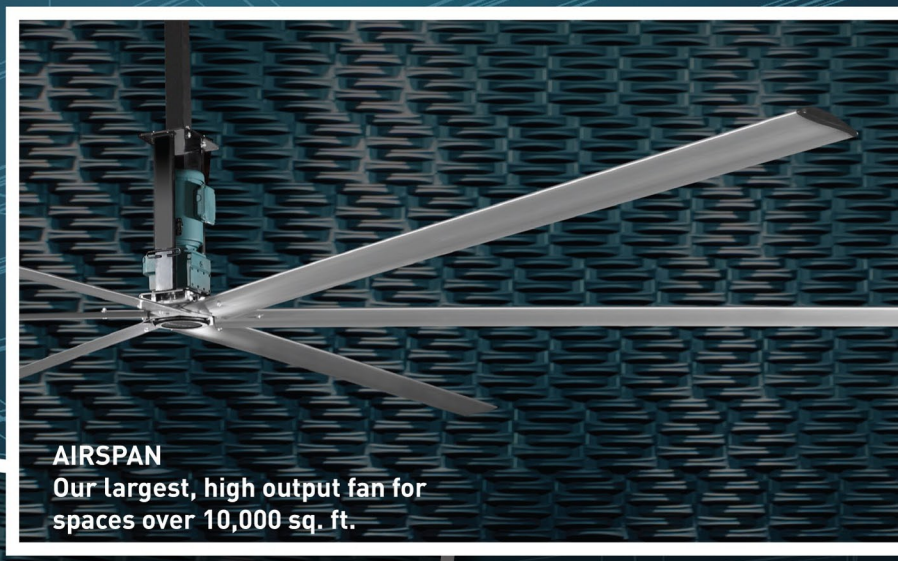
In cooler winter months, we engineered our fans to run in reverse, which forces trapped air down from the ceiling and evenly distributes it throughout all areas of your facility.

A MacroAir fan is in your future.
We know it because we've created it. From designing fans for equine and dairy farms, retail stores and restaurants, to fans for manufacturing facilities and aircraft hangars, there's a MacroAir fan that's right for your needs.

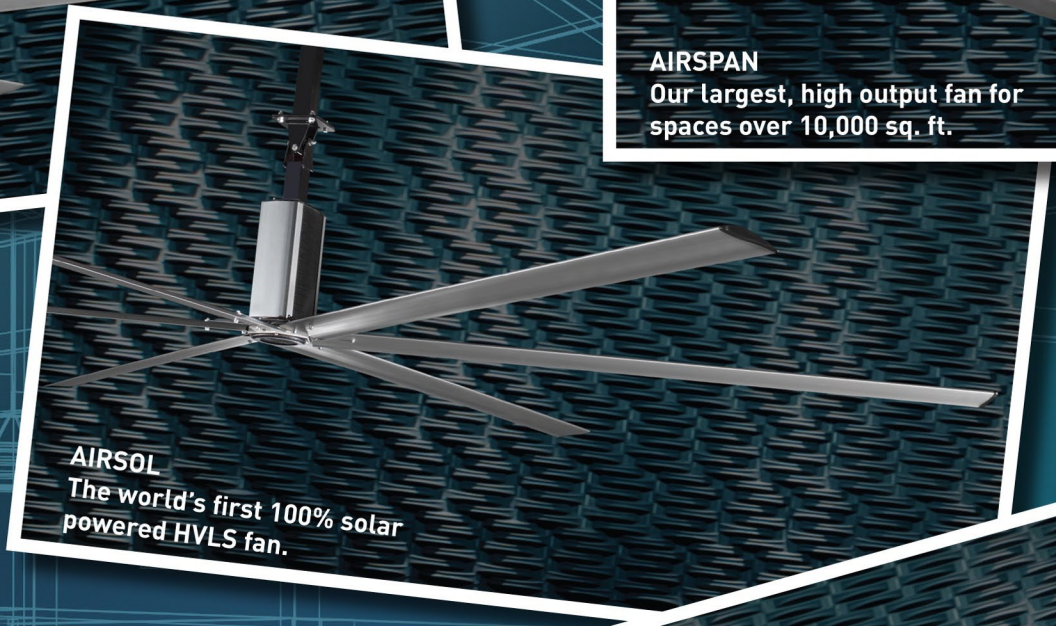
From the moment your MacroAir fan is shipped, you'll enjoy an easy and trouble-free experience. Certified installers will ensure a timely, seamless installation. Everything from quality parts to anodized blades to proven drive systems, are factory tested to ensure your MacroAir fan is built for the long run. And every fan we make is backed by the best warranty in the business.



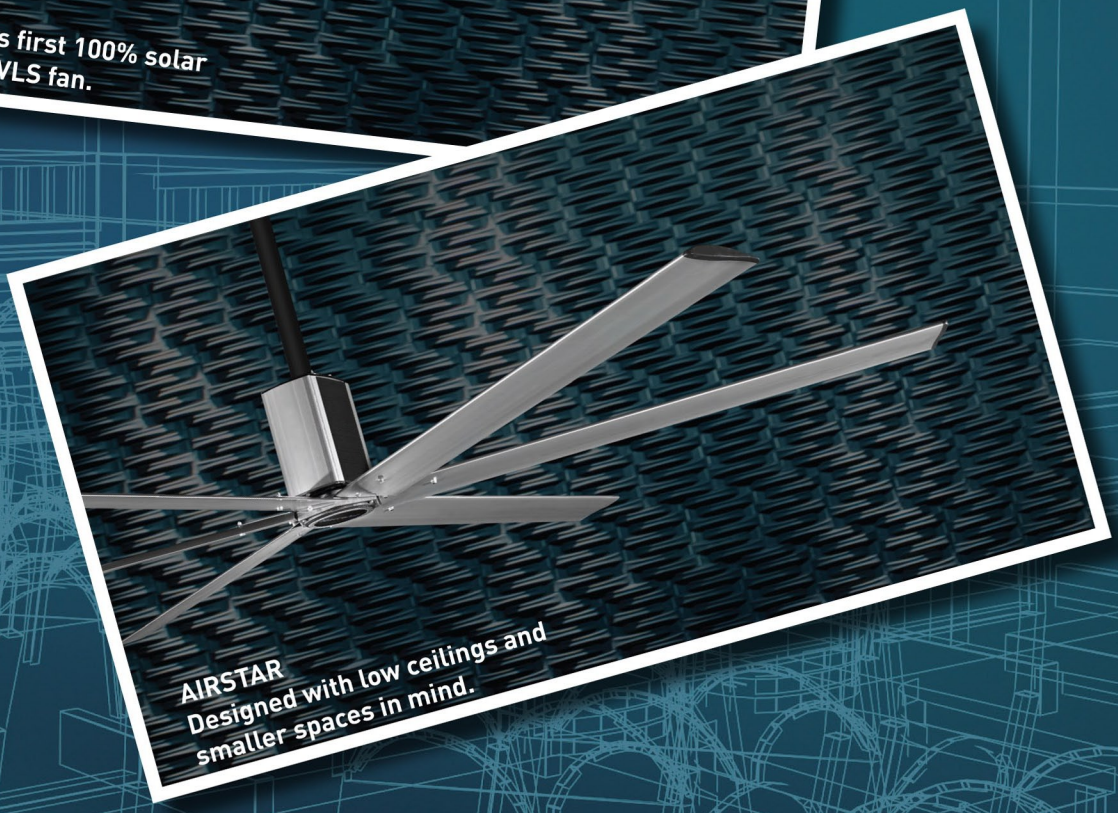
AIRVOLUTION
Smooth and quiet airflow with substantial cost savings.



AIRSPAN
Our largest, high output fan for spaces over 10,000 sq. ft.



AIRSOL
The world's first 100% solar powered HVLS fan.



AIRSTAR
Designed with low ceilings and smaller spaces in mind.

For automotive service technicians, working under a car (particularly in a facility without A/C) can be a brutal job. With a MacroAir fan, airflow is distributed to the floor below and reaches under the car, making for a more comfortable working environment.

PRODUCTIVITY GOES UP WHILE HEATING AND COOLING COSTS GO DOWN.

Whether it's a cavernous hangar housing commercial aircraft, a warehouse bustling with heavy machinery, or a manufacturing facility for HVAC equipment, buildings with high ceilings face the ever-present issue of constant temperature fluctuations. So, to keep things comfortable below, many of these structures rely solely on HVAC or a combination of HVAC and less-efficient fans for ventilation. Not only is this inefficient, it adds up to increased overhead and maintenance costs.

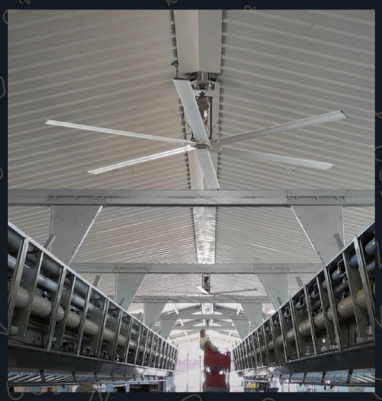
MacroAir 6ixBlade HVLS fans are a smart and cost-effective way to increase the number of air changes in your facility while helping to reduce your operational costs. Our NASA-designed fan blades work by producing a large column of air that moves downward and out a full 360°, out towards the walls, then back up to the fan. This process creates an air exchange that constantly keeps fresh air circulating. The result is a gentle and refreshing breeze to everyone below. No other ventilation technology does this better.

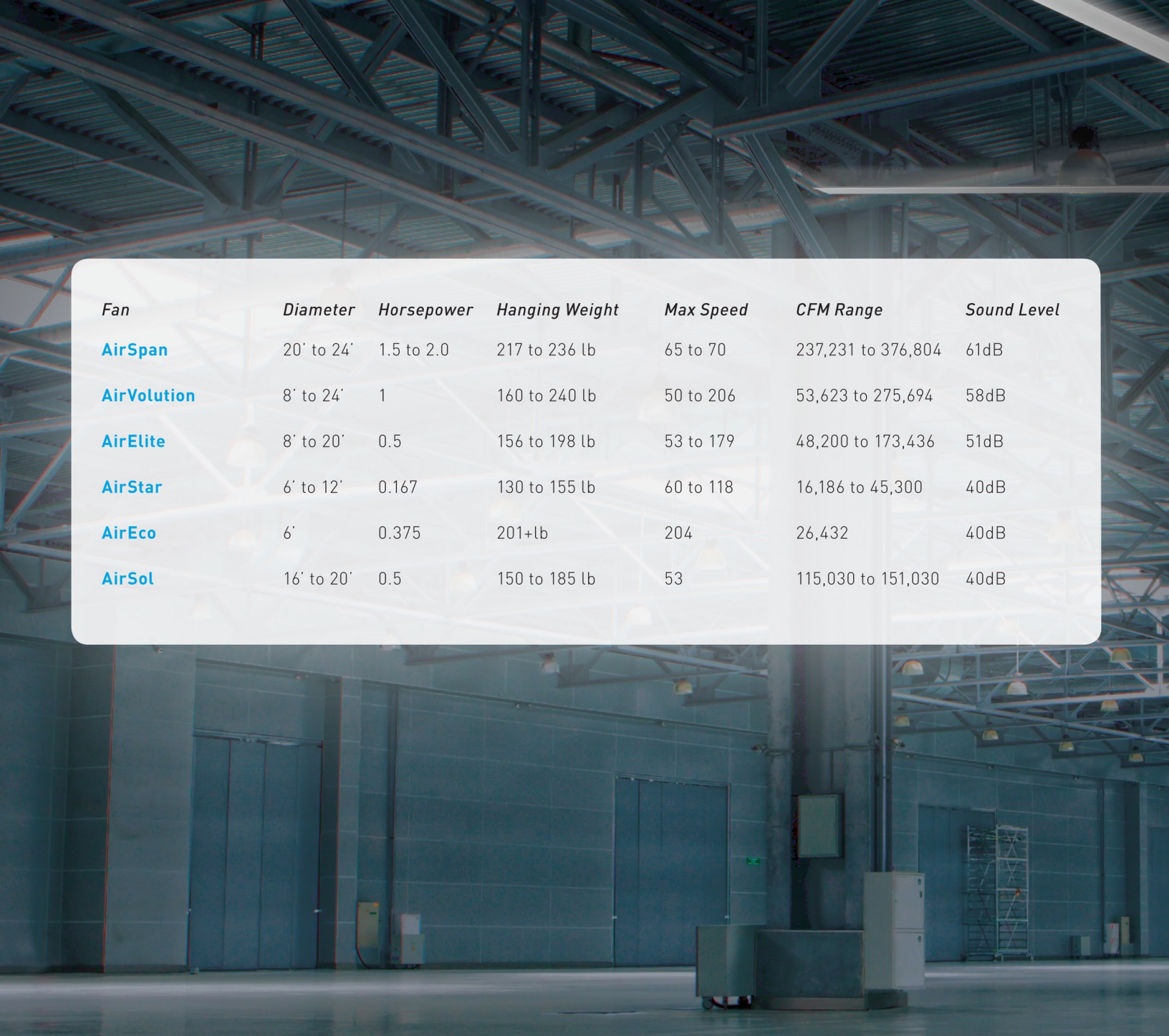
During the hot summer months, our fans actually work by increasing the rate that perspiration is evaporated from the skin, making employees, customers and livestock feel significantly cooler – in some cases by up to 15°. And because everyone is cooler below, A/C thermostats can be set higher.

Our fans are so efficient that our customers have reported raising A/C set points anywhere from 8 to 15° higher. That equates to a cost savings of 20% or more on cooling costs alone.

In winter months when heat is employed, it often winds up where you least need it – on the ceiling. This is known as stratification. By redistributing the large layer of heated air above and mixing it with the cooler air below, the ambient air is essentially destratified, maintaining an even distribution of heat from top to bottom without the chill of a breeze. And because only MacroAir HVLS fans have the capability to work in reverse as a standard, you can draw the warm air down in the winter and change the setting back during the summer months.

While you'll enjoy seeing the savings in your energy costs, you'll also enjoy the effect it has on your business. Research shows that improved airflow promotes productivity, morale and health. MacroAir fans are designed to maintain consistent temperatures and provide a gentle, cool breeze to those below. Quite simply, when it comes to improving your operations, our fans are a breath of fresh air.





Fan	Diameter	Horsepower	Hanging Weight	Max Speed	CFM Range	Sound Level
AirSpan	20' to 24'	1.5 to 2.0	217 to 236 lb	65 to 70	237,231 to 376,804	61dB
AirVolution	8' to 24'	1	160 to 240 lb	50 to 206	53,623 to 275,694	58dB
AirElite	8' to 20'	0.5	156 to 198 lb	53 to 179	48,200 to 173,436	51dB
AirStar	6' to 12'	0.167	130 to 155 lb	60 to 118	16,186 to 45,300	40dB
AirEco	6'	0.375	201+lb	204	26,432	40dB
AirSol	16' to 20'	0.5	150 to 185 lb	53	115,030 to 151,030	40dB

AIR IS A POWERFUL BUSINESS PARTNER

It can dramatically improve the comfort of employees and customers. It can instantly save air conditioning and heating costs. It can even make livestock more productive. In 1998, we invented the first HVLS fan with one goal in mind - to harness the power of air. We continually innovate materials, machines and design. We are passionate about customer service and quality. And our products continue to set the standard for efficiency and reliability. It's why we're not just manufacturers of fans, we're "engineers of air™."

794 S. Allen Street
San Bernardino, CA 92408
Tel: 1-866-MOVEAIR or 866-668-3247
Fax: (909) 890-2313
www.macroairfans.com

Blue Giant Equipment Corporation
85 Heart Lake Road South
Brampton, ON Canada L6W 3K2
Tel: 800-USA-BLUE or 905-457-3900
Fax: (905) 457-2313

6350 Burnt Poplar Road
Greensboro, NC 27409
www.bluegiant.com

MacroAir
engineers of air™