



SUNON®

Natural,
Comfort Experience

BLDC
HVLS Fan

*All products are RoHS compliant.

Powerful HVLS Fan

HamiltonAir
luxury lifestyle living





Powerful HVLS Fan

SUNON's Powerful HVLS Fan series of commercial ceiling fans are different from the typical large-scale industrial ceiling fans which are rough and noisy. Taking a totally different approach, SUNON's ceiling fan introduces the design inspiration of the oriental Zen style, which injects the aesthetics of Zen style in pursuit of inner tranquility, bringing peace and calm into the core spirit of the product design; therefore, the making of the Powerful HVLS Fan ceiling fan series has a simple and elegant appearance. The fan can generate a huge air volume from the inside out with a light operation, where the wind power is even, stable and quiet. The large amount of airflow from the slow-moving fans that gives a comfortable visual impact, can ensure sufficient natural air convection in a large space, so that every user can feel the pleasantly cool yet gentle and comfortable wind.

The in-depth connotation, tranquility, peace, and the simple thinking of Zen style are fully injected into the product design. Without redundant decoration, the ceiling fan product with the aesthetics of humanity full of oriental elegance is constructed. Meanwhile, the product is also characterized by subtle and steady calmness, subverting the general impression of rough industrial products, thus bringing in an unparalleled brand-new experience to users.

Energy saving and carbon reduction Environmental sustainability

Protect the environment

SUNON has been focusing on ESG issues for years, actively developing energy-saving technologies and products in its core business, and is committed to providing comprehensive cooling solutions and services for industries related to environmental sustainability. To ensure environmental friendliness, SUNON's full range of HVLS ceiling fan series products adopted the BLDC energy-saving motors and non-toxic materials, so that all our customers can not only save electricity but also reduce environmental pollution. SUNON's ceiling fan products are made of raw materials that comply with EU RoHS non-toxic environmental protection standards to reduce environmental pollution caused during production. In terms of packaging, the cheap Styrofoam packaging with cushioning properties has been fully replaced by recyclable paper materials for lightweight products, while heavier commercial ceiling fans are protected with paper materials along with recyclable foam materials. From design to production and shipment, SUNON strives to do its best for the sustainable environment of the world's land and ocean.



DC Motor



Non-toxic

Green image of SUNON product design

SUNON's commercial energy-saving ventilation products use the "Green Belt" combined with the SUNON logo to form a "G" to form the image of Green, conveying.





Environmental sustainability Starts from the Right Product Selection

SUNON puts thinking about how to put environmental sustainability into practice in our production from selecting fan materials to packaging design. Modern HVLS Fan series' materials comply with the latest RoSH standard, using non-toxic and eco-friendly raw materials to shield our planet from further harmful waste pollution. Regarding package, instead of using low-cost styrofoam materials, we choose wrapping paper to pack our product because the material is recyclable and reusable, so that we can do our part to make our earth and ocean environment thrive.



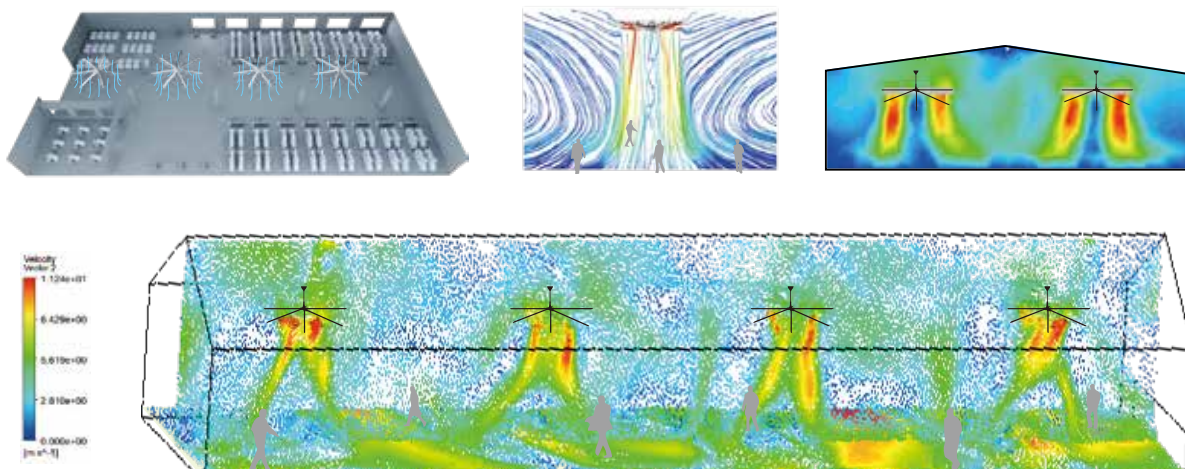
Recycling

100% Made in Taiwan

HVLS Fan

Onsite Assessment and Professional Planning

SUNON can provide onsite assessment of your building and also use computational fluid dynamics software to get optimal ventilation solution with proper fan quantity and fan size before deciding procurement.



- ▼ Automated production to boost productivity and yield.
- ▼ Data management with our QR Code system in each process step to ensure quality and traceability for every single product.



SUNON was established in 1980, focusing on the development of energy-saving motor technology, providing the best cooling and ventilation solutions for important international brands in industries such as information and communications, automotive, medical care, and other industrial applications, earning SUNON high reputation in the industry.

In recent years, due to the worsened global warming, the world has been paying more attention to issues of energy-saving, carbon reduction, and environmental sustainable development. At SUNON, relying on decades of rich experience in energy-saving motor technology, we launched the HVLS high-quality ceiling fan series in 2017. Such products are 100% independently developed, designed, and manufactured. The HVLS full range products adopt the energy-saving design of BLDC gearless direct drive for high efficiency in the motor and optimize the flow field with the aerodynamics design. Therefore, the ceiling fan can still generate huge air volume even at an extremely slow speed and can reduce the noise to the lowest level, providing the best solutions for energy-saving, cooling, moisture-proof, and ventilation in various fields, thus offering the industry a better choice of ceiling fans.

M I T

>> **Made in Taiwan**

100% independent R&D, design, and manufacturing

>> **Safety First**

Five safety structure design

>> **Intelligent Detection**

Eight electrical safety mechanisms

>> **Environmental Sustainability**

Non-toxic raw materials & recyclable packaging materials

>> **professional Assessment**

CAE / CFD planning and precise assessment

6 Process Steps for Quality Assurance

- > Mortor stator assembly check
- > Motor shaft assembly check
- > Blade balancing check
- > Motor rotor assembly check
- > Motor drive compatibility check
- > Code record

series 10 Powerful HVLS Fan

Storm but Uniform Airflow

Different from most large industrial ceiling fans on the market that rely on rapid turning speeds to generate unsteady and uneven airflows, Powerful HVLS Fan series 10 large industrial ceiling fans wield outstanding motor control to generate even and gentle winds. In addition, the unique expanded air flow design of the series 10 allows for even better internal and external air circulation in large areas.



BLDC Motor

More than 90% of motor efficiency, gearless direct drive motor, no need for regular lubrication maintenance.



Energy Saving

Series 10 achieve carbon neutral by saving 32% power consumption and save more than 90,000 trees. (Based on Fan Size:7.3M)



Air Smoothly

By implementing aerodynamic diversion designs, the generated airflow is gentle and does not include flow-breaks. Even large spaces can be cooled down through comfortable wind.



Safety First

Sunon applied unibody yoke to prevent potential risks from cracking or rusting if yoke production process is not proper.

► Specification

Diameter	4m (13 ft)	5 m (16ft)	5.5m (18 ft)	6.1m (20ft)	7.3 m (24 ft)
Weight	90.01 kg	99.36 kg	104.03 kg	110.16 kg	120.86 kg
Speed	115 RPM	90 RPM	65 RPM	60 RPM	50 RPM
Power Consumption	825 W	1100 W	585 W	765W	1050 W
Noise	<50 dB(A)	<50 dB(A)	<50 dB(A)	<46 dB(A)	<46 dB(A)
Power source	220-240 VAC				
Environment	Indoor / Outdoor				
Control	Knob/BMS(MODBUS)/AIoT/Touch Panel				

*Weight – fan unit only, the controller, the mount and the extension tube are not included.

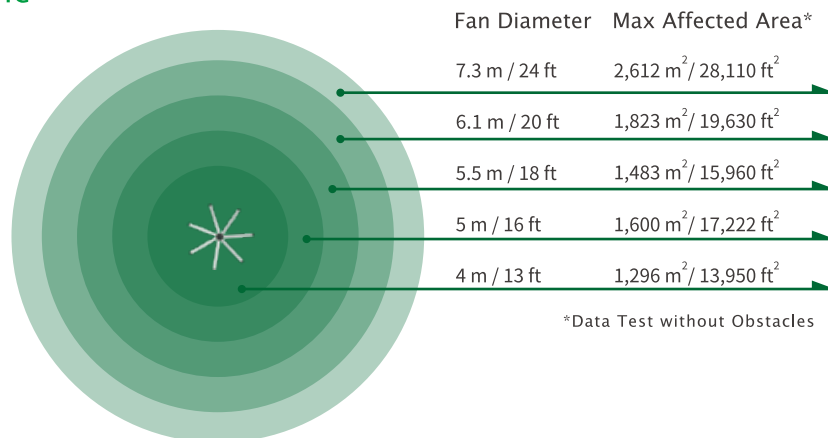
*Environment –This product is not suitable for salt air environments.

※ The above specifications are test from SUNON Lab and the data will be affected by different environmental conditions.

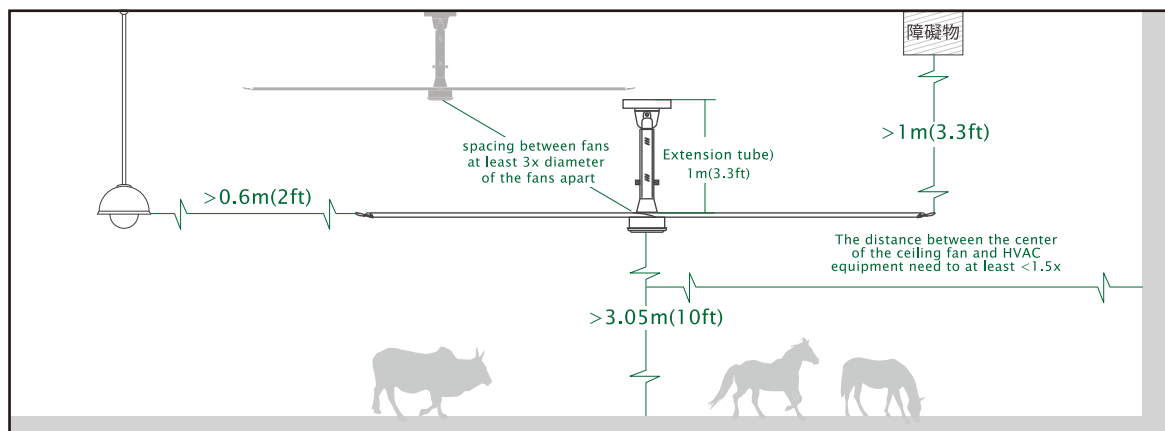
※ Specifications are subject to change without notice. Final spec. please visit SUNON website at www.sunon.com.



► Air Volume



► The Placement & Clearance between Fan and Obstructions



► Facility Type

Factory, Dairy Farm, greenhouse, hangar, gymnasium, warehouse, hypermarket, supermarket, exhibition hall.

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2023/06/20(075-W)

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