



SUNON®

Natural,
Comfort Experience

BLDC

HVLS Fan

*All products are RoHS compliant.

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.



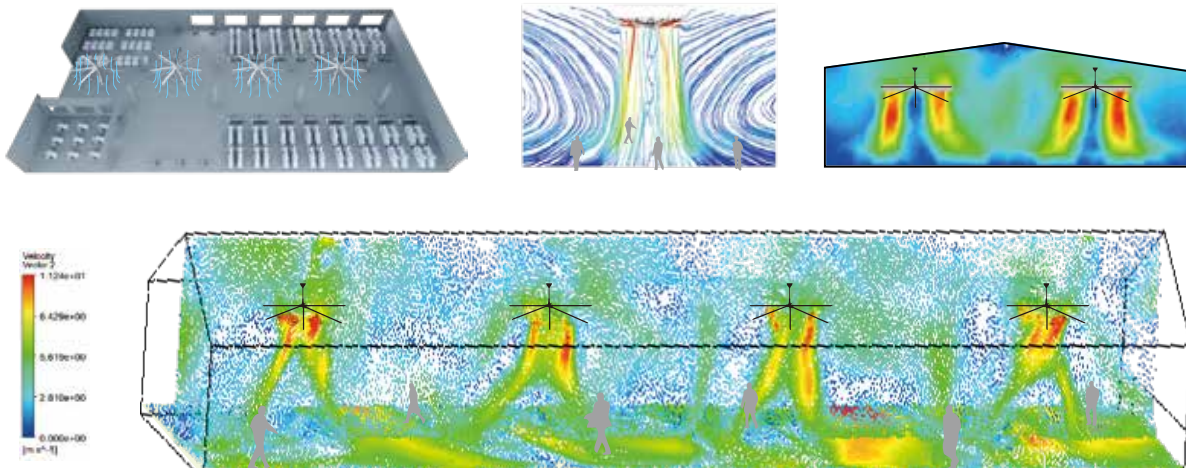
Recycling

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.

MIT

>> **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 1 Powerful HVLS Fan

Leisure Life in Urban Area

SUNON Powerful HVLS series 1 has a lighter and stylish look. The airfoil combines aircraft-grade aluminum with a patented Airfoil design, it reduces the wind resistance and wind noise.



BLDC Motor

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



Energy Saving

The aerodynamic winglet design can generate massive airflow with very low power consumption, and it runs 12-18 hours at 1 KW.



Silence Design

Patented airfoil design, it reduces the wind noise and provides smooth airflow.



Ultra Thin And Light

The sleek, ultra-thin motor design and engaging visuals extend the user's experience by 20 kg lightweight look.

► Specification

Diameter	5 ft (1.5 m)	6.5 ft (2 m)	8 ft (2.5 m)	10 ft (3 m)
Weight	14 kg	16 kg	18 kg	20 kg
Speed	180 RPM	130 RPM	95 RPM	70 RPM
Power Consumption	54 W	72 W	84 W	84 W
Noise	<35 dB(A)			
Power source	220-240 VAC			
Environment	Indoor			
Control	RF Controller/BMS(MODBUS)/AIoT/Touch Panel			

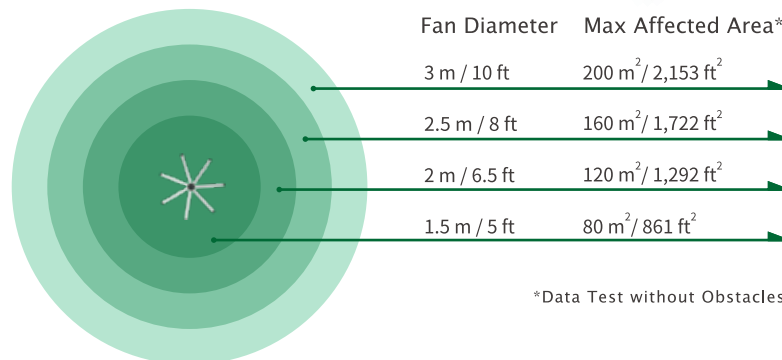
*Environment -This product is not suitable for salt air environments.

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

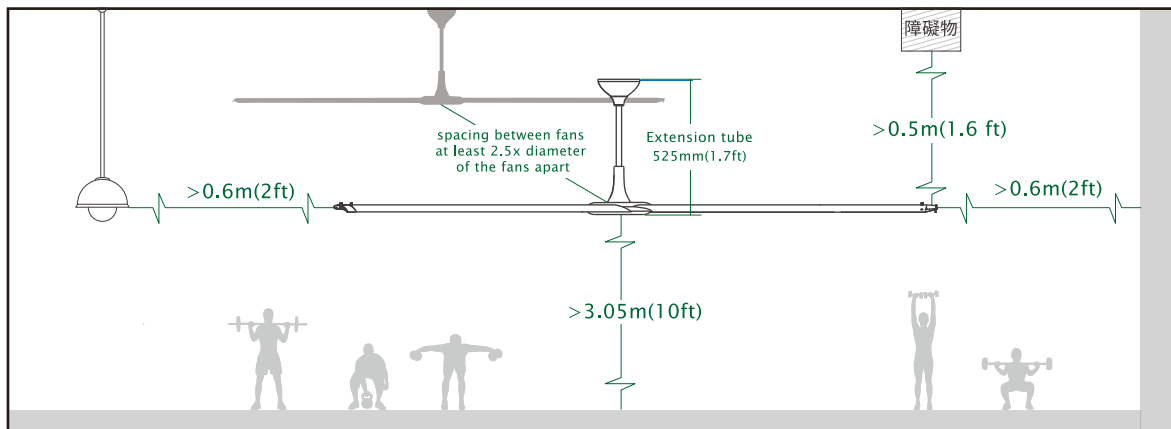
※ Specifications are subject to change without notice. Final spec. please visit SUNON website at www.sunon.com.



► Air Volume



► The Placement & Clearance between Fan and Obstructions



► Facility Type

exhibition hall, bookstore, cafe, library, museum, office, meeting room, hotel lobby, hospital, fitness center, home, factory, warehousing

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2023/06/20(075-W)

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