

AIRMOVE



Stay Cool
stay Smart

Kale Environmental Technology (Shanghai) Corporation A Pioneer in Sustainable Ventilation Solutions

Company Background

Founded in 2010 and headquartered in Songjiang, Shanghai, Kale Environmental Technology (Shanghai) Corporation is China's only listed company specializing in the integrated R&D, production, sales, and service of HVLS (High-volume low speed) fans. With a global footprint, KALE FANS is supported by a world-class technical team dedicated to advancing energy-efficient technologies.

Core Competitiveness

Innovation Leadership: KALE FANS has over 15 years' experience in the HVLS sector over 100+ patents and a self-developed, self-produced motor.

Global Recognition: Certified to international standards (CE), ensuring quality, safety, and environmental compliance.

Unmatched Scale: Operates the world's largest HVLS fan production base, including a 80,000m² facility in Jiaxing, Zhejiang, and a 36,000m² R&D hub in Shanghai, enabling tailored ventilation solutions for diverse industrial needs.

Quality Management System: KALE FANS products are with excellent quality and well-developed QMS.

Mission & Vision

Guided by our vision of 'Using technology to improve the environment and build a sustainable, low-carbon world', we continue to enhance product innovation to provide excellent customer value. KALE FANS is committed to enabling industrial and commercial progress through energy-saving solutions that prioritize sustainability, efficiency and long-term customer success.



AIRMOVE



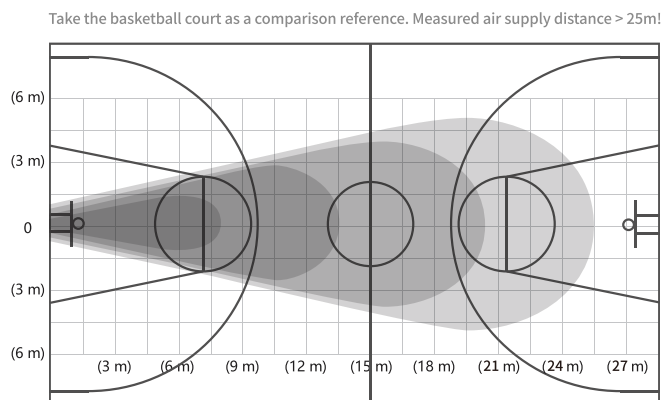
AIRMOVE fan is a 2-meter diameter energy-saving portable fan with a PMSM motor that provides an impressive airflow distance of over 25 meters.



KEY FEATURES

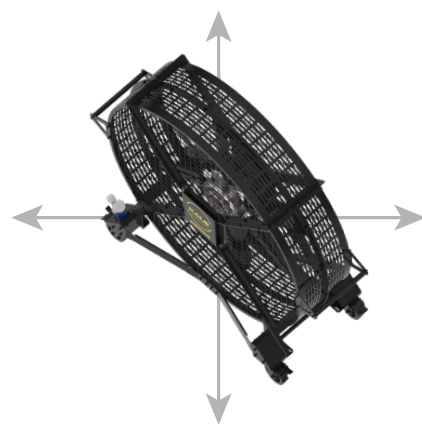
Large Air Volume

- Ultra-long air supply distance, over 25m covering distance, which can cover most of the length of the basketball court.



Exceptional Mobility

- Designed with 4 casters, it can be moved freely to any place where wind is needed indoors or outdoors.



Stepless Speed Regulation

- PMSM (permanent magnet synchronous motor) drives the fan blades, stepless frequency conversion speed regulation, the fan can be controlled freely, the operation is simple and convenient.



Modular Installation

- AIRMOVE fan is a modular design, and each module can be assembled by the user. If it needs to be transported to other locations, only need to unpack each module, and install it as a whole after arrive at the destination.



Fan Blade

- Made of high-strength aerospace magnesium-aluminum alloy(6063-T6). The surface of the fan blade adopts electrostatic spraying process, which is corrosion-resistant.
- AIRMOVE fan's unique blade design, with its solid curved end, greatly improves air generation performance. The winglet guarantees safe and stable operation by reducing blade vibration.



KEY FEATURES



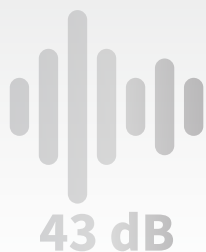
Advanced PMSM Technology

Quality stability & Ultra-quiet

NdFeB Rare-Earth magnets, copper wire with 99.99% purity grade.

AIRMOVE fan's external rotor motor provides high torque for long covering distance.

The fully enclosed PMSM motor perfectly solves the problem of motor gear friction, reducing the noise level to below 43 dB and making it very quiet.



Energy Saving

AIRMOVE fan has a total power consumption of 0.55 kW, which is exceptionally low.

The unique external rotor design of PMSM technology eliminates the need for a reduction gearbox, thereby improving transmission efficiency.

Operating at speeds can reach up to 320RPM (2.0m AIRMOVE).



Maintenance free & low maintenance cost

No gearbox, no exposed transmission parts, PMSM motor technology eliminates the need for regular maintenance, such as lubrication and gear adjustments, making the fans more reliable and cost-effective in the long run.

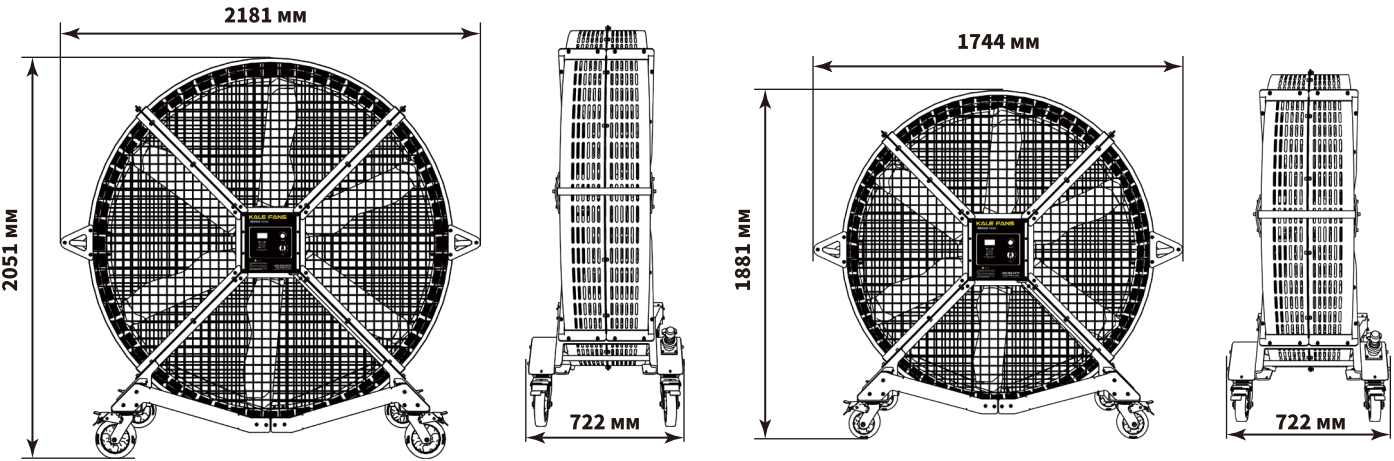


Waterproof & Dustproof

AIRMOVE fan provides overall waterproof and dustproof performance. It can be operated normally in rainy and humid environments and is easy to clean. While cleaning, there is no need to disassemble the frame; it can be rinsed directly with a tap.



TECHNICAL PARAMETERS AND CERTIFICATIONS



Model	SHVLS-Y6BAA20(2.0m)	SHVLS-Y6BAA16(1.6m)
Dimensions(WxHxD)	2181mmx2051mmx722mm	1744mmx1881mmx722mm
Max speed	320RPM	360RPM
Full load air volume	1208m³/min	723m³/min
Motor Power	0.55 kW	0.36kW
Full-load current	2.7A/220V	2.0A/220V
Weight	176KG	152KG



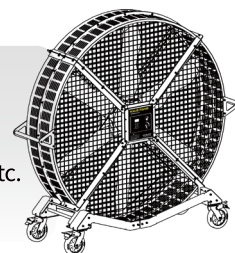
APPLICATIONS

● Commercial:

Gyms, Hotels, Churches, Mosques, Shopping malls,
Airports, Amusement parks, Restaurants, Libraries, etc.

● Industry:

Warehouses, Workshops, Factories,
Logistics centers, Construction bases, etc.





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