



SmartAir
Balance Your Climate

SmartAir Jiant Industrial Vertical Fan



VERTICAL COMMERCIAL FAN



Energy
efficient



Quiet operations
38dBA



IP65 protection
standard



Convenient
installation



SmartAir Jiant Industrial Vertical Fan, The unique wing-shaped design blades have a diameter of 2.4-3.7m. The wing-shaped blades are made by air dynamics principle and advanced technology. The strong air stirring force forms a circulating airflow field, which produces a micro-wind system similar to nature. People will feel the three-dimensional wind from all directions, increase the area of sweat evaporation, and improve comfort. At the same time, it avoids the use of traditional high-speed fans in the directed

wind for a long time, which causes various health problems for the human body, and greatly improves the environmental comfort. SmartAir Jiant Industrial Vertical Fan can adjust the air volume according to the actual needs of different occasions. The wind speed can be adjusted freely within the range of 1m-4.5m/s. In an open space, the effective coverage area of a commercial energy-saving fan can reach up to 330m².

SMART CONTROL SYSTEM

- Permanent magnet synchronous frequency conversion technology, anti-electromagnetic interference, anti-radiation, small size, light weight, exquisite appearance.
- Wired SPI communication: power on, stop, acceleration, deceleration.
- The system comes with over-voltage, under-voltage, loss of voltage regulation, current, phase loss, overload, collision, overheating, lightning strike, abnormal and other protection.



**SPI Communication Control
(With Wire)**

PERMANENT MAGNET SYNCHRONOUS MOTOR

STREAMLINED FAN BLADE

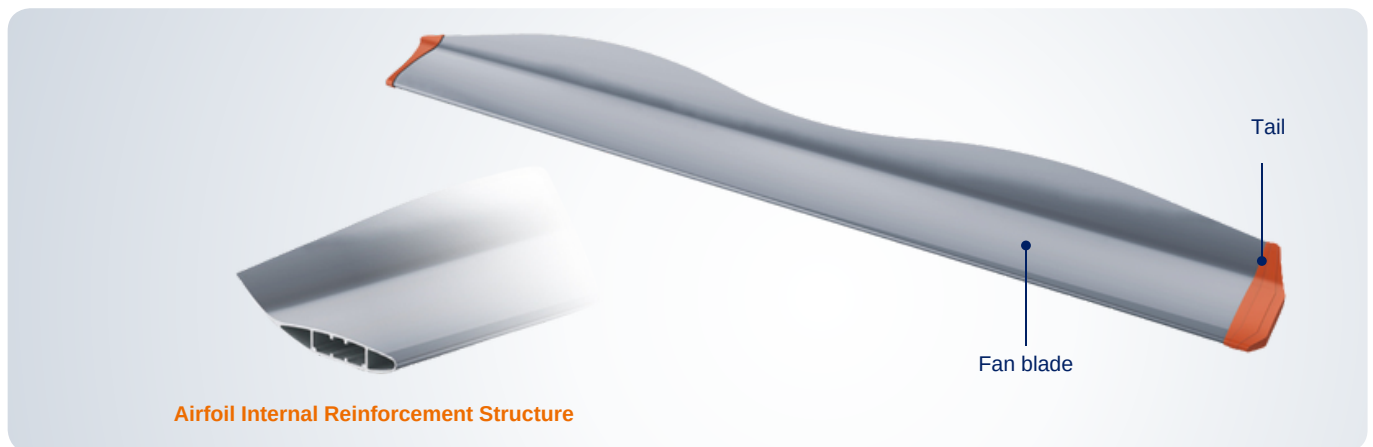
Made of aluminum and magnesium alloy extruded and stretched, and has the advantages of high strength, good toughness, light weight, long life and safe operation. The fan blade surface is treated with T5+ bright surface oxidation treatment, which enhances the corrosion and oxidation resistance of the fan blade and can cope with special environmental operations.



ENERGY SAVING TAIL

When the fan blade is running, the air will generate vortex at the end of the aerofoil fan blade. The tail wing can eliminate this part of energy loss, stabilize the fan operation, and make the air flow more consistent with the aerodynamic principle.

- 1 No copper loss of stator
- 2 High efficiency
- 3 High power factor
- 4 Improve grid environment
- 5 FM width(0~200HZ)
- 6 Small size and light weight
- 7 Energy efficient (power saving)



TECHNICAL DATA

Model	Diameter		Voltage (V)	Frequency (Hz)	Power (W)	Rotating Speed (r/min)	Air speed (m/s)	Air Flow (m3/h)	Protection	Noise (dB)	Coverage area	Motor weight (kg)	Number of leaves (Pcs)
	m	ft											
JHVF-V300	3	10	220	50/60	370	120	0-4	4000	IP65	≤ 38	250	16	5
JHVF-V370	3.7	12	220	50/60	370	100	0-4	5000	IP65	≤ 38	380	16	5
JHVF-V430	4.3	14	220	50/60	750	90	0-4	7000	IP65	≤ 38	450	22	5
JHVF-V500	5	16	220	50/60	750	80	0-4	10000	IP65	≤ 38	500	22	5

Jiant Industrial Vertical Fan

APPLICABLE APPLICATIONS

SmartAir Jiant Industrial Vertical Fan is designed for places or spaces where there is no ceiling to hang a traditional ceiling fan or the ceiling is too high to hang and use a ceiling fan. In shopping malls, restaurants, community public places, industrial plants, logistics warehousing, waiting rooms, exhibition halls, gymnasiums, and other tall space places, it is a new type of fan for space ventilation and personnel cooling.



Community public spaces



Logistics and Storage



Alfresco Dining



Waiting Room



Outdoor Wedding



Industrial Plants



Gymnasiums



Large Shopping Malls



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