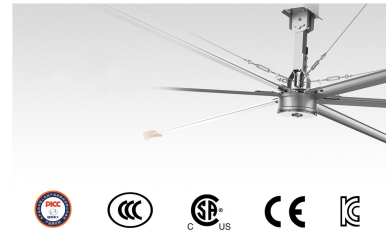


Large Diameter Ceiling Fan

This large diameter ceiling fan is designed to circulate air efficiently in large spaces. It features optimized blades for high-volume, low-speed airflow, ensuring consistent temperature and comfort.

HUADA®

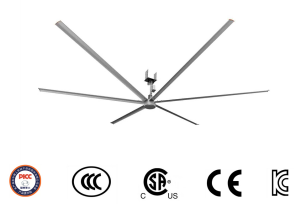


ADDITIONAL IMAGES

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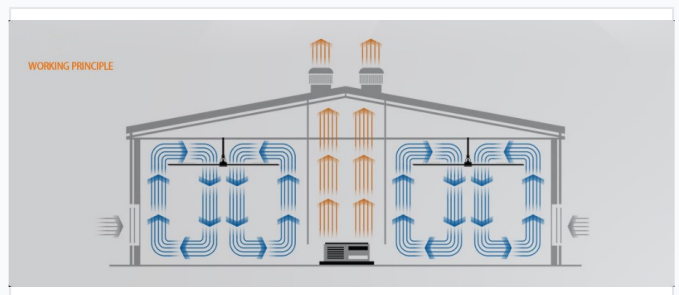
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Product Overview



High-volume, low-speed (HVLS) design for optimal air circulation in large spaces.



Working principle showing air distribution and temperature control in large buildings.

High-Efficiency Smart Permanent Magnet Ceiling Fan

The HDS series utilizes a self-designed variable frequency speed control and a high-efficiency permanent magnet external rotor motor to deliver superior air circulation. Designed for large-scale spaces, it pushes a massive volume of airflow to the ground to create a natural breeze effect that improves personnel comfort and environmental ventilation. With its compact structure and low-noise operation, it serves as an energy-saving solution for industrial and commercial cooling needs.

Key Performance Metrics

Featured Performance

38 dB

Operating Noise

15000 m3/min

Max Air Volume

7.3 m

Max Diameter

Technical Specifications

Model Comparison Data

Model	Diameter (m)	Power (KW)	Air Volume (m3/min)	Speed (rpm)
HDS-3	3	0.37	4000	120
HDS-3.7	3.7	0.37	5000	100
HDS-4.3	4.3	0.75	7000	90
HDS-5	5	0.75	10000	80
HDS-5.5	5.5	1.1	11000	70
HDS-6.1	6.1	1.1	11500	60
HDS-6.7	6.7	1.1	12000	55
HDS-7.3	7.3	1.5	15000	50

Electrical & Mechanical



IP66 rated motor and aerodynamically optimized blades for efficient performance.

Ingress Protection

IP66

Input Voltage

220-240V / 380-460V

Frequency

50/60 Hz

Number of Blades

5 Pieces, 6 Pieces

Applications



SUPER-LARGE PLANT



COMMERCIAL AREA



LARGE-SCALE PUBLIC



ANIMAL HUSBANDRY

Versatile application across industrial plants, commercial areas, and public spaces.

Recommended Environments

- Industrial Plants
- Logistics Warehousing
- Exhibition Halls
- Physical Education Halls
- Waiting Rooms
- Animal Husbandry
- Commercial Areas

Safety & Control

Control Interface

- Variable frequency speed control
- Green start key / Red stop parts
- Acceleration & Deceleration keys

System Protections

Overvoltage, Undervoltage, Overload, Lightning Strike, Phase Loss, Collision Protection

Installation



Secure wooden crate packaging ensures safe international transit of components.

Supported Structures

Concrete Structure, Steel Structure, Square Steel