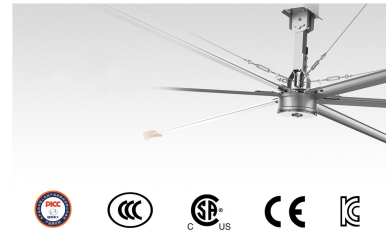


# Large Diameter Ceiling Fan

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.

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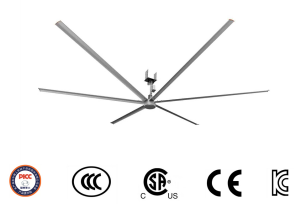


## ADDITIONAL IMAGES

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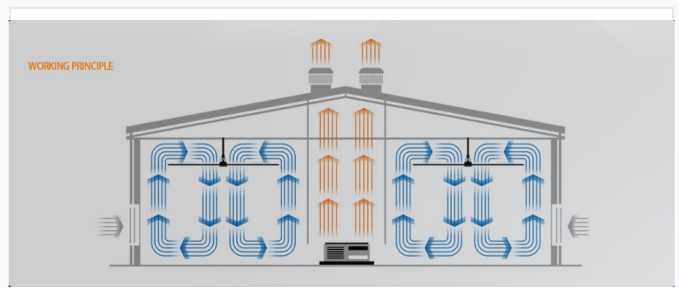
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## Product Overview



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