

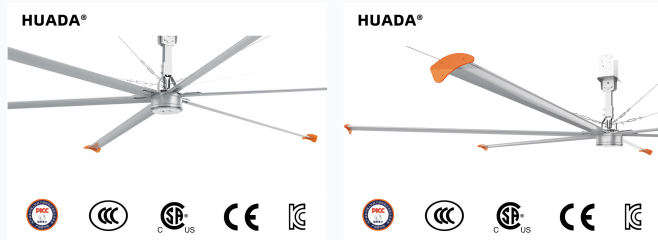
# High Volume Low Speed Ceiling Fan for Large Spaces

This high-volume, low-speed ceiling fan is designed to improve air circulation in large spaces. It features a permanent magnet motor for energy efficiency and quiet operation.

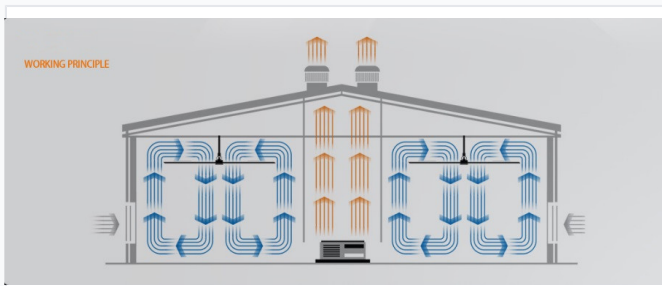
HUADA®



## ADDITIONAL IMAGES



## Product Overview



Working principle illustration demonstrating how the fan pushes airflow to the ground to create a comfortable, circulating air layer.



The aerodynamic blade design ensures maximum airflow coverage for large indoor spaces.

### High-Efficiency HVLS Ceiling Fan

This High Volume Low Speed (HVLS) ceiling fan utilizes advanced permanent magnet external rotor motor technology to deliver superior air circulation in large-scale environments. Designed for energy efficiency and quiet operation, it creates a gentle, natural breeze effect that significantly improves comfort in industrial, commercial, and public spaces. The system features variable frequency speed control and robust construction, ensuring reliable performance, reduced HVAC costs, and effective destratification of air.

## Performance Metrics



The variable frequency drive (VFD) is protected by an IP66 rated enclosure, ensuring durability against dust and water in demanding environments.

### Key Performance Features

**38 dB**

Noise Level

**15000 m3/min**

Max Air Volume

**66 IP**

VFD Protection Rating

## Technical Specifications

### Model Specifications

Model	Diameter (m)	Power (kW)	Speed (rpm)
HDS-3	3	0.37	120
HDS-3.7	3.7	0.37	100
HDS-4.3	4.3	0.75	90
HDS-5	5	0.75	80
HDS-5.5	5.5	1.1	70
HDS-6.1	6.1	1.1	60
HDS-6.7	6.7	1.1	55
HDS-7.3	7.3	1.1	50

## Electrical & Mechanical

### Electrical Data

- Voltage: 220-240V / 380-460V
- Frequency: 50/60Hz
- Motor Type: Permanent Magnet External Rotor

## Applications



SUPER-LARGE PLANT



COMMERCIAL AREA



LARGE-SCALE PUBLIC



ANIMAL HUSBANDRY

Designed for versatility, these fans are ideal for super-large plants, commercial areas, and public facilities.

### Suitable Environments

Industrial Plants, Logistics Warehousing, Commercial Areas, Exhibition Halls, Public Spaces, Animal Husbandry