

HVLS Vertical Fan with Integrated Lamp

This HVLS vertical fan is designed for large-scale air circulation. It features an integrated lamp for combined ventilation and lighting solutions.

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ADDITIONAL IMAGES

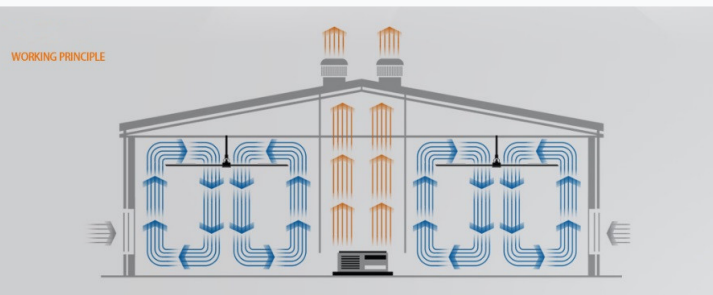
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Product Overview



Working principle: Efficient air circulation for large-scale spaces.

High-Efficiency HVLS Ventilation

This smart permanent magnet large ceiling fan is engineered to significantly improve comfort in large-scale environments such as industrial plants, logistics warehouses, and commercial exhibition halls. Utilizing advanced variable frequency speed control and a high-efficiency external rotor motor, it delivers powerful airflow with minimal noise and energy consumption. The integrated lamp design provides a dual-purpose solution for both air circulation and illumination, creating a more comfortable and productive space.

Technical Specifications

Performance Matrix

Model	Diameter (m)	Power (kW)	Air Volume (m ³ /min)
HDS-3	3	0.37	4000
HDS-3.7	3.7	0.37	5000
HDS-4.3	4.3	0.75	7000
HDS-5	5	0.75	10000
HDS-5.5	5.5	1.1	11000
HDS-6.1	6.1	1.1	11500
HDS-6.7	6.7	1.1	12000
HDS-7.3	7.3	1.1	13000

Electrical Characteristics

220 V

Voltage Range

50 Hz

Frequency

38 dB

Noise Level

Design & Construction



Robust construction with IP66 protection rating for durability.

Protection Rating

IP66

Key Features

Permanent Magnet Motor, Variable Frequency Control, Integrated Lighting, Low Noise, Energy Efficient

Applications



SUPER-LARGE PLANT



COMMERCIAL AREA



LARGE-SCALE PUBLIC



ANIMAL HUSBANDRY

Versatile application across commercial and public areas.

Recommended Use Cases

- Industrial Plants
- Logistics Warehousing
- Shopping Malls
- Exhibition Halls
- Gymnasiums
- Animal Husbandry