

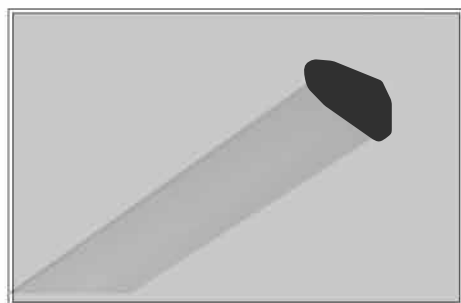
SuperWing Series

The world's best fan, built to industry pioneer standards

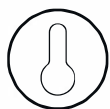


- PMSM gearless direct drive Motor, Maintenance Free
- World's strongest rare earth magnets (NdFeB, Grade N38SH), high electrical efficiency >84%
- High performance: energy saving
- Ultra-efficient Aluminum Aerofoils blades and Robust construction

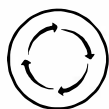
- Built in Security Module
- Protection class IP65
- Automatically cut off the power in case of accident
- Effectively shield electromagnetic disturb
- Advanced smart controller provides easy integration to BMS and fire alarm system



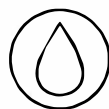
- Profili V2 software simulated airfoil blades
- Made of AA60636511 high performance aluminum alloy
- Fan size from 16-24ft, motor max torque



Human-body Cooling



Natural Air Ventilation



Dehumidification



Large Airflow Coverage

Suzhou Optimal Machinery Co.,Ltd.

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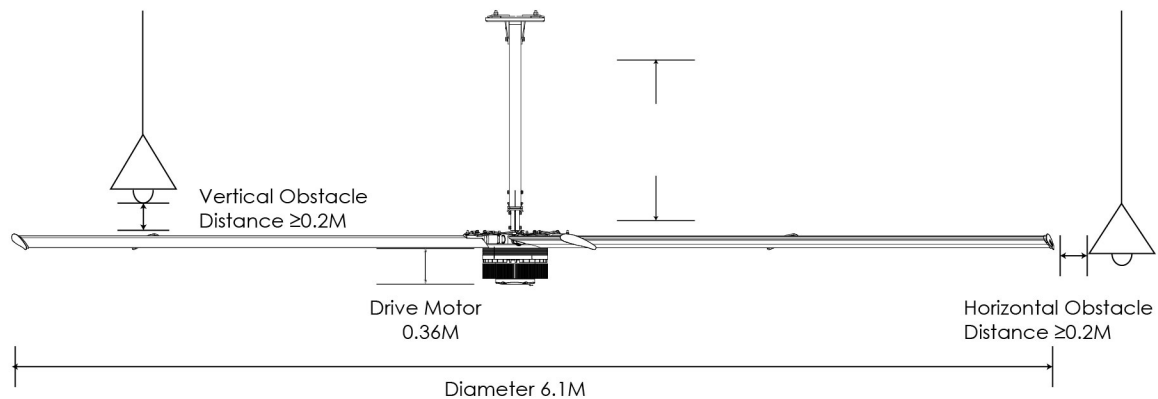
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www.optfan.net www.opthvlsfans.com



OPTFAN

Commitment for HVLS Fans & Breeze Air Tech



Technical Specifications

| Model Size | |
|------------------------------|--|
| Model | OM-PMSM-20 |
| Fan diameter (A) | 20ft (6.1m) |
| Number and type of airfoils | 6 |
| Winglet (standard color) | Black |
| Performance | |
| Air volume | 13,200CMM |
| Maximum speed | 60RPM |
| Sound level at maximum speed | 39dBA |
| Suggest Installing Height | ≥3.5M |
| Weight | |
| Body Weight | 115KG |
| Motor drive and controller | |
| Rated power | 1.1KW |
| Motor | PMSM Gearless DD Motor |
| Maximum amps | 3.27A |
| Voltage | 220V 1P/3P |
| Controller | Central control with BMS system and fire alarm |

Weight does not include mount or extension tube.

Fans are sound tested at maximum speed in a laboratory environment. Actual results in field conditions may vary due to sound reflecting surfaces and environmental conditions.

2-year parts warranty, fan blades for lifetime.

Features and Benefits

1. PMSM gearless DD motor with freer maintenance, lower cost investment and less power consumption than most traditional cooling methods.
2. Very quiet with noise level less than 39dBA, ideal for sound concerns environment.
3. Assist in the removal of thermal stratification, help reduce humidity and condensation on floors and equipment.
4. One unit 24ft fan equal to 50 sets small size fans, up to 92% cost saving of energy bills.
5. Substantial energy savings on your air conditioning costs, up to 50% cost saving of energy bills.
6. Warranty (Whole fans 2 years, fan blades lifetime).

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