

# KT Series-2M Mobile Floor Fan

KS series are a kind of freely movable fan with large air volume, which are widely used in factories, workshops, exhibitions, outdoor events and other occasions. Four casters are designed to move freely to any place that needs cooling and ventilation indoors or outdoors.



## Features: High Efficiency

PMSM permanent magnet synchronous motor drives the fan blade, VFD stepless speed regulation, the operation is simple and convenient;

## Water Proof

PMSM Gearless motor is more precise, the motor is fully sealed, so that it can meet the IP55 protection standard, to different outdoor environment

## Easy Movable & Free installation

The fan has casters that can move freely, which can adapt to the changing requirements of the workplace. The whole fan is modular design, which is flexible to install. Unpack the package, directly connect power use, free man labor & installation.

## Free Maintenance

Using electromagnetic induction principle, double bearing transmission, completely sealed, truly achieve motor maintenance free.

## Energy Saving

Using PMSM permanent magnet synchronous motor, the motor efficiency is up to 84% by STIEE detection. Reach the national energy efficiency 1st. class standard

## Money Saving

The traditional asynchronous motor reducer fan needs to change the gear oil regularly. Using PMSM motor, it can save more money in the long term!

### Free Labor

Free installation

### Motor

PMSM gearless motor

### Safety

Protection level IP55, overall waterproof, can run normally in rainy and humid

### Maintenance

Motor Free maintenance

Up to 10 years life span

## Applications



Factory



Warehouse



Gym



School



Church



Auditorium



Farm

# OPTFAN

Commitment for HVLS Fans & Breeze Air Tech

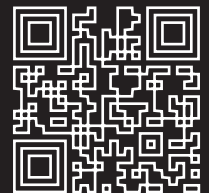
Suzhou Optimal Machinery Co.,Ltd.

+86-15851682580

ericleung@optfan.com

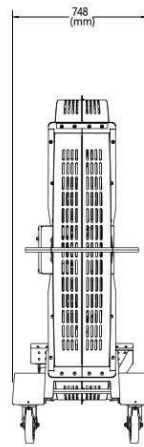
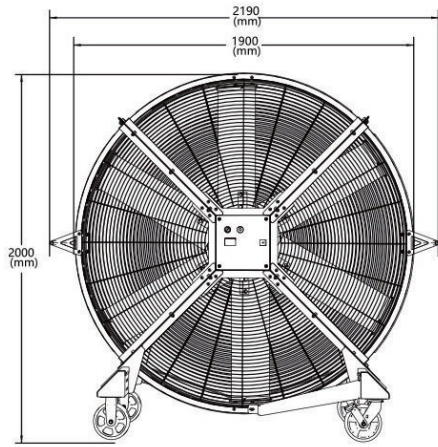
No.50, Jiangpu Road, Suzhou Industrial Park, Suzhou City, China

www.optfan.net www.opthvlsfans.com



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Pioneer of HVLS fans

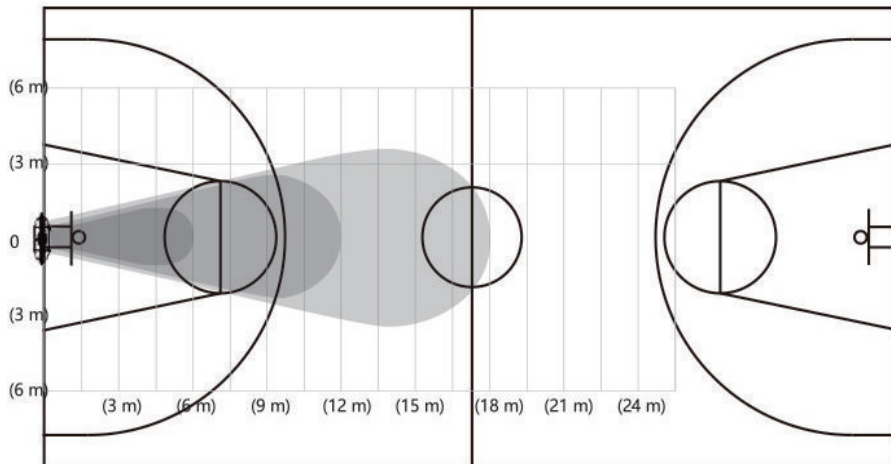


Digital Smart Controller  
LCD Display  
Real-Time Monitoring



## Technical Specifications

Size	2190mm*2060mm*750mm
Max Speed	220r/min
Wind Range	0-36(7m/s-0.9m/s)
Motor Drive	PMSM Motor
Motor Power	0.4KW
Voltage	220V/1P
Full-loaded Current	1.8A
Noise Level	43dBA
Weight(G.W.)	360KG (Gross Weight)



KS series can produce strong wind, the effective air supply distance is more than 18 meters, coverage area can be across the semi solid basketball court. Not only in the large factory workshop channel has a very good performance, it can change position at any time according to the needs of work, so it can also be used in commercial venues and sports centers.

\*The distance of air supply exceeds the length of the whole basketball court, reaching more than 18m; within the distance of 18m, the wind speed ranges from 7m / s to 0.9m/s (the farther the distance is, the lower the wind speed is)

\*This data is measured under the maximum speed of the motor, the motor is stepless speed regulation, and the speed range is 0-220rpm.

## Designs

Airfoils	Motor and drive	Standard Controller
Six patented powerful airfoils Winglets eliminated wind noise	PMSM gearless motor efficiency rated IP 55	Rated IP55 On/Off and stepless speed control LCD Display Operation status real-time monitoring