



**Jumbo Fan**

**POLE FAN**

**Indoor & Outdoor**

# Presentation

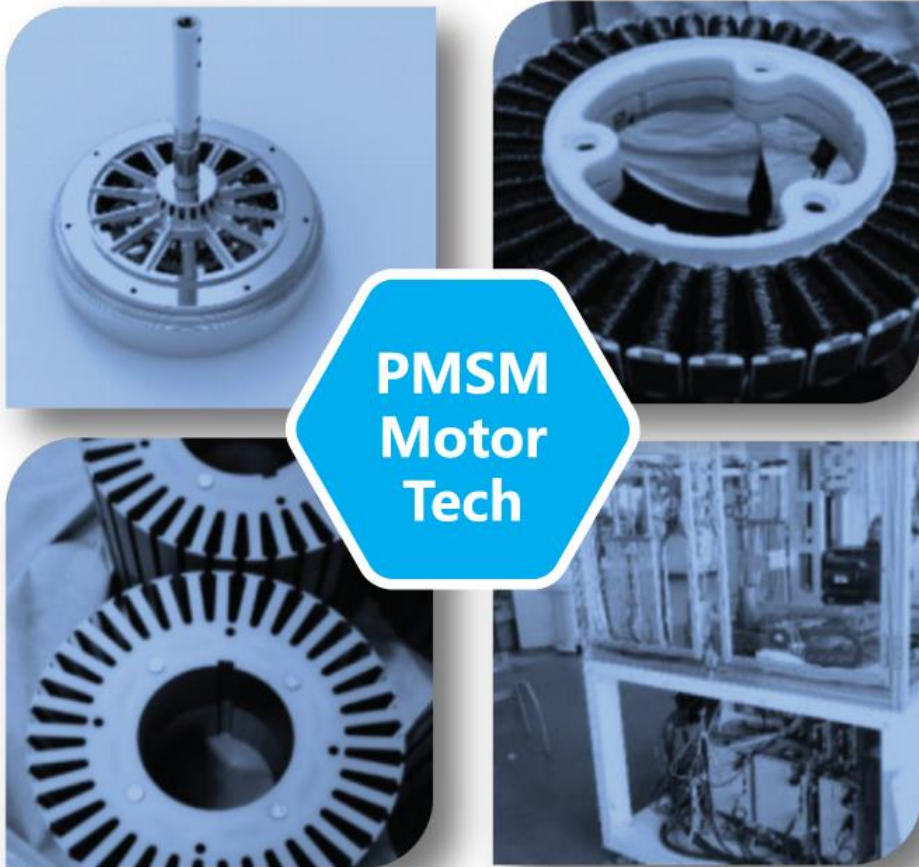


## PMSM Fans Technology

### PMSM (Permanent Magnet Synchronous Motor)

#### Motor Advantages :

**Better dynamic performance ; high efficiency , long life span  
lower noise and wide speed range ; high speed or torque ratio**



**PMSM  
Motor  
Tech**



**It is the top level tech in HVLS industry.  
With 10 years development and research,  
we have achieved the most advanced theory  
and technology of BLDC in HVLS industry,  
which has been applied in production.**

# PMSM Motor Driver Technology



**Customized Pure  
Copper Wire Wrapping  
Extremely Efficient**



**38 PCS Rare Earth NdFeB  
Strong Magnets**



**SKF Explorer Bearing**



**High Strength Hardware  
High Precision**



**Forged Integrated Rotor  
Disk  $\mu$ m Grade Precision  
Work**



**Control Box**



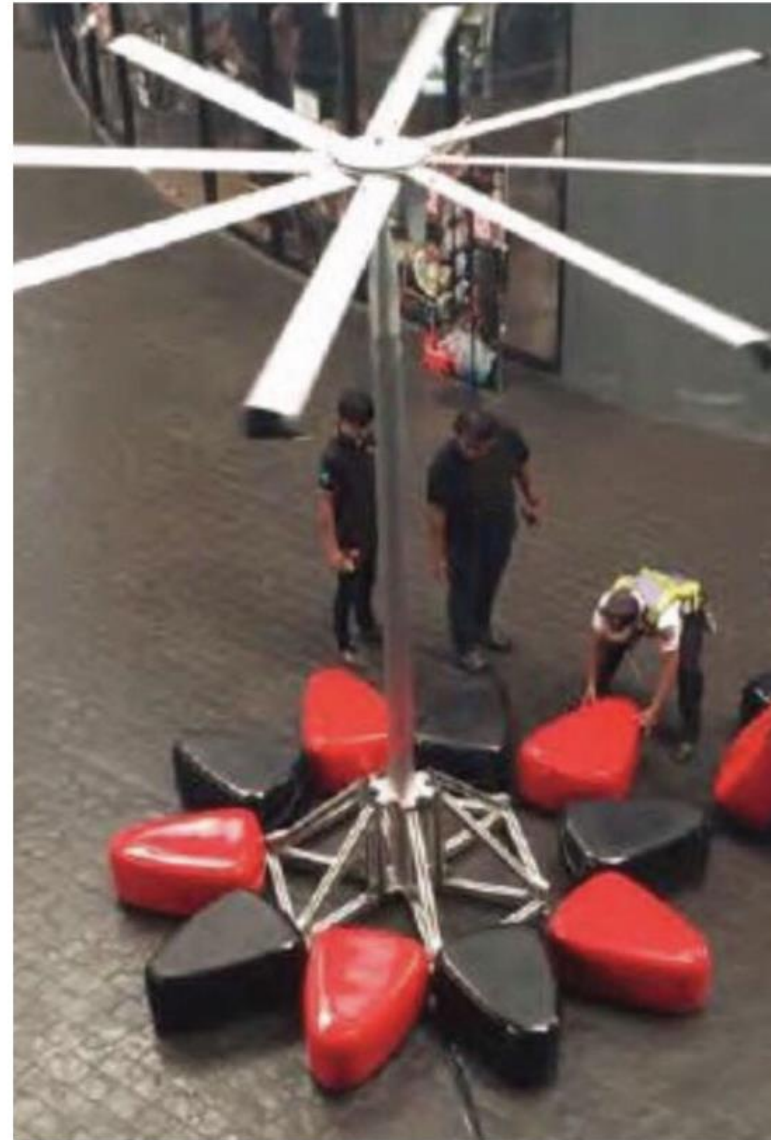
**Integrate Process High  
Strength Steel  
Main Axis Forge**

## POLE Fans Application

**Sport Industry :**  
**Gym & Fitness Center**

**Traffic Station :**  
**Airport , Rail- Way Station , Bus Station**  
**Metro Station**

**Commercial Area :**  
**Exhibition Center , Large Terminal**  
**Market , Supermaket**

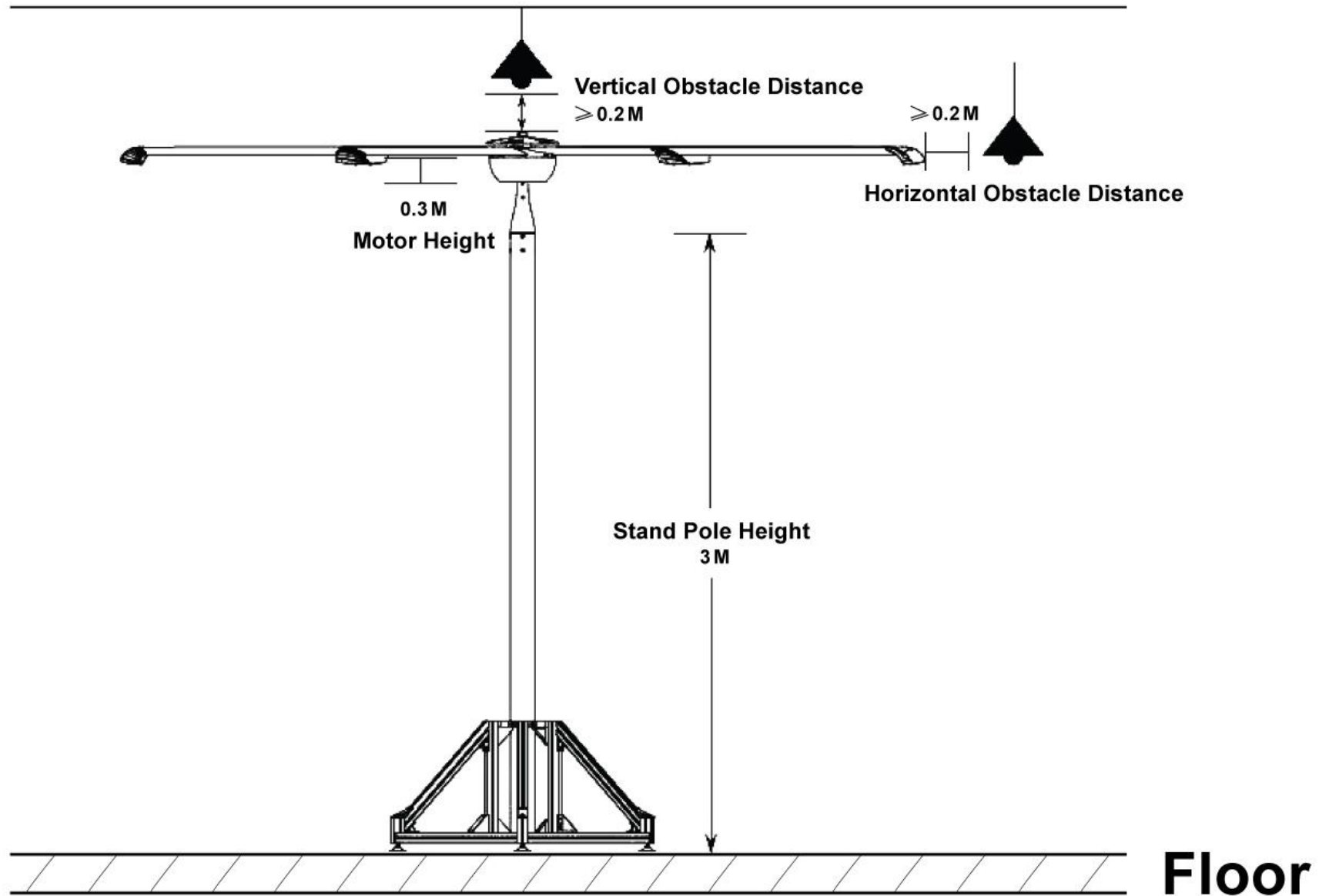


## POLE Fans Application

**Commercial Area :**  
**Recreation & Entertainment**  
**Amusement Park , Zoos & Arboretums**  
**Kids Playground , Shopping Mall**  
**Place For Travelling**



# POLE HVLS Fans Chart



# Technical Specification

Basic Specification				
Input Voltage	Stand Fan Voltage : 220V/ 1 phases			
Model Size				
Model	SF-BLDC8	SF-BLDC10	SF-BLDC12	SF-BLDC14
Airfoil Diameters	8ft	10ft	12ft	14ft
Number Airfoil	8pcs/ Patented Aerodynamic Alluminum Alloy bladesurface carbon fluoro painting			
Performance				
Air Volume	1500CMM [52,800CFM]	2400CMM [84,600CFM]	3100CMM [109,200CFM]	3800CMM [133,900CFM]
Max Speed	120RPM	100RPM	90RPM	80RPM
Sound Level dBA*	39DBA	39DBA	35DBA	35DBA
Weight				
Body Weight*	31KG	35KG	38KG	41KG
Motor Drive and Controller				
Power	0.15KW	0.2KW	0.3KW	0.4KW
Motor Type	PMSM Gearless Direct Drive			
Controller	Wall mount Stepless DANFOSS VFD /MicroProcessor,display,Built in filterUL,CSA,CETUV Marked			



## Package Size

**Complete Pole Fan Package with 2 Plywood Cases**

**Cases 1 Size : 1580\*1340\*780 mm**

**Cases 2 Size : 3100\*400\*250 mm**





**Jumbo Fan**

**Thank You**

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