

# Navigator Series

▶ High Performance and Energy Saving



## Design

- PMSM Gearless Direct Drive < 39dBA
- Fan size from 6.5-14ft
- High performance: energy saving
- Save up to 30% energy bill
- Summer cooling & ventilation
- Ultra-efficient Aluminum Aerofoils blades and Robust construction

## Mounting & Details

- Designed with user's comfort and safety in mind
- Blends well into different construction profiles
- Safety cables secures the fan to the mounting structure
- Fans are tested and simulated for best performance
- Double pivot adjustable mounting hardware



# BENEFITS

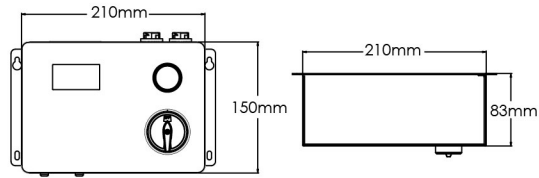
Perfect ceiling fan for any residential or commercial space

- 1 PMSM Gearless DD motor with low cost investment and less power consumption and maintenance than most traditional cooling methods.
- 2 Energy saving for cooling and ventilation Provide eco-friendly solution.
- 3 Assist in the removal of thermal stratification.
- 4 Help reduce humidity and condensation on floors and equipment .
- 5 Substantial energy savings on your air conditioning costs , up to 20% cost saving of your energy bills .
- 6 Warranty ( Whole fans 2 years , fan blades lifetime ).

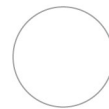
## CONTROL SYSTEM



## DIGITAL SMART CONTROLLER



## COLORS



White

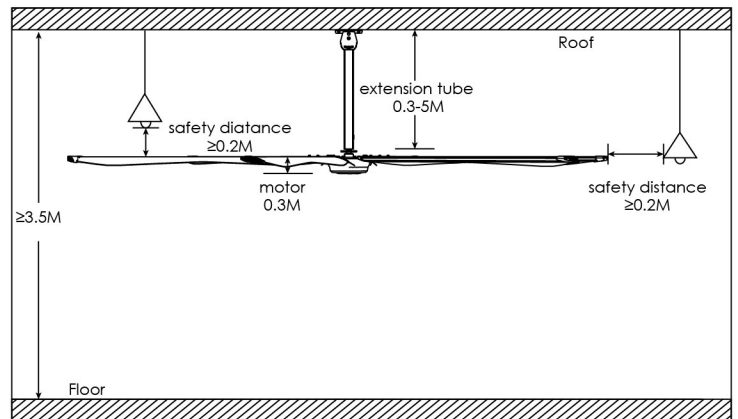


Silver



Black

## FAN DIMENSION



## Technical Specifications

Model	Diameter	Current	Input Voltage	Speed	Power	Air volume	weight
NV-PMSM6	6.5ft (2.0m)	0.4A	220V	150 RPM	0.14kW	3900m <sup>3</sup> /min	38KG
NV-PMSM8	8ft (2.5m)	0.8A	220V	130 RPM	0.26kW	4550m <sup>3</sup> /min	41KG
NV-PMSM10	10ft (3.0m)	1.1A	220V	110 RPM	0.30kW	5250m <sup>3</sup> /min	44KG
NV-PMSM12	12ft (3.6m)	1.3A	220V	95 RPM	0.33kW	6560m <sup>3</sup> /min	48KG
NV-PMSM14	14ft (4.2m)	1.5A	220V	72 RPM	0.35kW	7550m <sup>3</sup> /min	52KG

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 .

## APPLICATION

- Public
- Commercial
- Residential



# Cooperative partners





## Application

Food courts  
 Shopping Malls  
 Discotheques  
 Sports Halls  
 Multipurpose Halls  
 Athletic Stadiums  
 Community Centers

Exhibition Halls  
 Schools  
 Places of Worships  
 Warehouses/ Workshops  
 Manufacturing Facilities  
 Airports  
 Military Facilities

Aircraft Hangars  
 Hotel Foyers  
 MRT Stations  
 Bus Interchanges  
 Large Tents  
 Gymnasiums  
 Country Clubs

Restaurants  
 Wineries  
 Agriculture/ Dairy  
 Pet Care Centers  
 Temporary Shelters  
 Distribution Centers  
 Defence Shelters