

HamiltonAir  
PREMIUM HVLS FANS



# PANDONA - HVLS FAN

## V180e

EXTERNAL ROTOR PMSM

DIAMETER 3.6M

## PRODUCT ADVANTAGES



### 01 Drive system

- External rotor permanent magnet synchronous motor (PMSM)
- Triple-layer nickel plating, corrosion-resistant, high thermo-stability magnetic steel, with a temperature resistant of 120°C
- High quality temperature and pressure resistant enameled copper wire, with a temperature resistance of 180°C
- Ultra efficient silicon steel sheet with high magnetic induction and low iron loss
- Protection level IP53, insulation level F



### 03 Fan blade system

Aluminium-magnesium airfoils.  
Integrated molding with light weight, and easy to clean; The reinforced structure has stronger resistance to deformation and fracture

### 05 Customize Colors

Customizable blade colors to suit your interior design



### 02 Control system

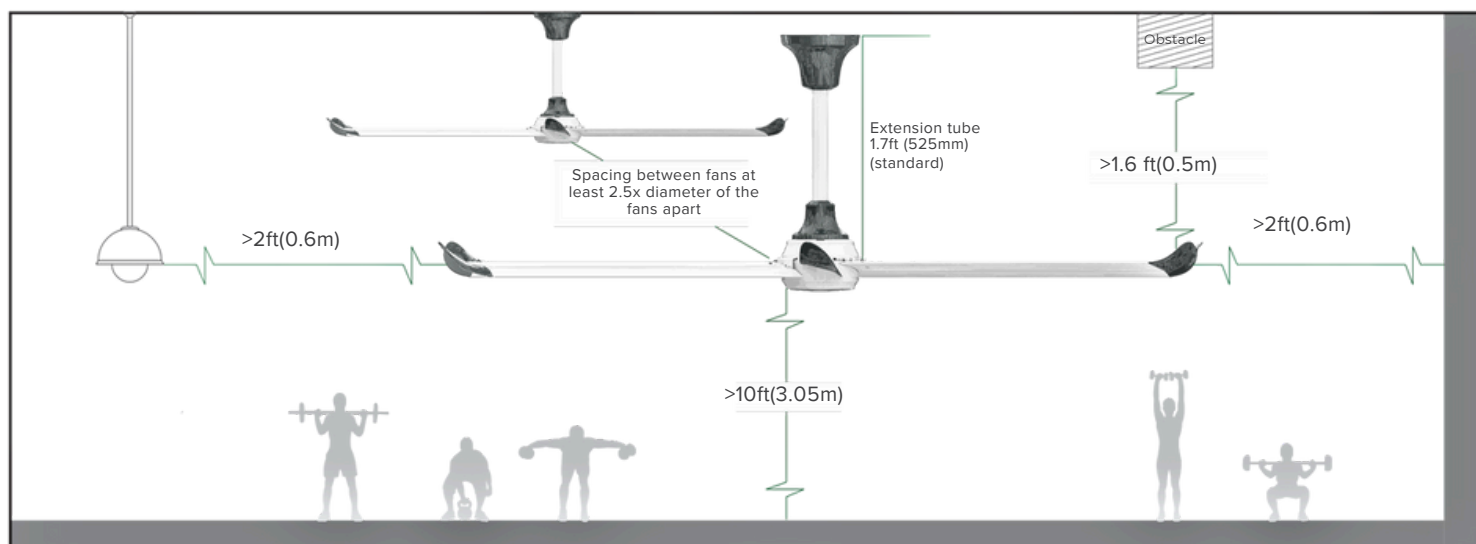
- Special integrated controller, easy to operate, durable and reliable
- Controller and motor are matched automatically by self-learning, automatic initial position detection
- The fan starts and stops smoothly and gently, effectively eliminating motor noise and vibration



### 04 Safety system

- The steel wire rope wraps around the main lifting beam and extends from the suspension rod to the motor hanger, protecting the overall structure
- Four 304 stainless steel wire rope traction fixed, good strength, corrosion resistance
- All fastening pieces are high-strength grade 12.9 screws with nickel plating treatment on the surface, which has excellent rust prevention effect
- All fasteners are added with specialized adhesive to prevent screws from loosening





## ► SPECIFICATION

SERIES	PANDORA V180E - COMMERCIAL HVLS FANS
Diameter	3600mm
Blades Quantity	6
Weight	38 Kg
Power	450 W
Max Speed	90 rpm
Max air Volume	4260m <sup>3</sup> /min
Power Supply	220V/1P
Noise Level	38 dB
Area Covered	Ø15 - Ø18m



★★★★★  
**BEST PRICE**

**LARGE CEILING FANS**

# PANDORA V180E

With a blade diameter of up to 5.0 meters, the Pandora V180e produces a gentle, natural breeze that spreads evenly throughout the space, naturally reducing the feeling of heat.



Diameter  
3.6m



PMSM Motor

