

PROJECT		DATE		TYPE	
NOTES					

- 6 Blade High Volume, Low Speed Ceiling Fan
- Available Diameters: 6' , 8' , 10' , & 12' (Custom Diameters also Available within these Ranges)
- High Efficiency, High Torque BLDC (PMSM) Maintenance-Free Motor
- IP 57 Standard
- IEC/NEMA Class F Insulation
- Sound Level at Max Speed <40 dBA*
- Promotes IEQ (Indoor Environmental Quality) as per ASHRAE 55
- Vertically Integrated Engineered and Manufactured Components

* Under Laboratory Conditions



FEATURES

Airfoils — Our proprietary airfoils are engineered for delivering high-performance results with the lowest power consumption.

Blade Construction — Marine grade extruded anodized aluminum.

Installation — The lighter weight class of both the motor and the fan allows for greater ease of installation.

Motor — Features a high efficiency, high torque BLDC (PMSM) maintenance-free motor. The motor is IP57 rated, and Temperature Rise Class F insulated. Bearing L10 life of 100,000 hours as per ABMA standard.

Standard Safety Features — Airfoil Blade retainers and steel guy cables.



LED light— Optional LED light Available with fan.

Controller — Integrated Controller with a maximum operating temperature of 176°F, 200-240 VAC 1Φ Standard and 400-480 VAC 3Φ optional. Available with an optional reverse rotation suitable for winter destratification.

Mounting — Options available for multiple configurations including I-beams, angle Iron, large I-beams, solid beams, z-purlins, pitched roofs, & square tubes.

Efficiency — Highest CFM / Watt in the industry is achieved due to the high efficiency motors and engineered airfoil design.

Warranty — 50,000 Hours or 5 Years Warranty on all parts, including the Motor.

TECHNICAL SPECIFICATIONS

SPECIFICATIONS	PS-L6-12	PS-L6-10	PS-L6-8
Number of Airfoils	6		
Diameter	11.8ft (3.6 m)	9.8ft (3m)	8.2ft (2.5m)
Max Affected Area*	4844 ft2 (450 m2)	3230 ft2 (300 m2)	2960 ft2 (275m2)
Airflow (CFM)	257,444	198,822	118,658
Min/Max Speed	25/100	25/110	25/120
Full load Current (A) **	1.9A	1.3A	1A
Full load Power **	418 W	286 W	220 W
Standard Down Rod Length*	39 in. (1m)		
Sound Level at Max Speed**	<40 dBA		
Fan Weight***	55 lbs.(25 kg)	52 lbs.(23.6 kg)	46.7 lbs.(21.2 kg)
Motor Power Rating	0.56 HP	0.38 HP	0.30 HP
Motor IP Rating	IP57		
Motor Insulation Class	IEC/NEMA Class F Insulation		
Bearing Life ABMA	L10 Life of 100,000 Hrs.		
Motor Type	PMSM		
Power Input	200-240 VAC ±10%, 1 Φ, 50/60Hz Standard		
Forward/ Reverse Direction	Yes / Reverse direction optional		
Max Operating Temperatures	176°F (80°C)		
LED light (Optional)	LED light 50W, 6000K 220 VAC, 1 Φ		

* Fan Plane at 20 Feet Height from Ground Level

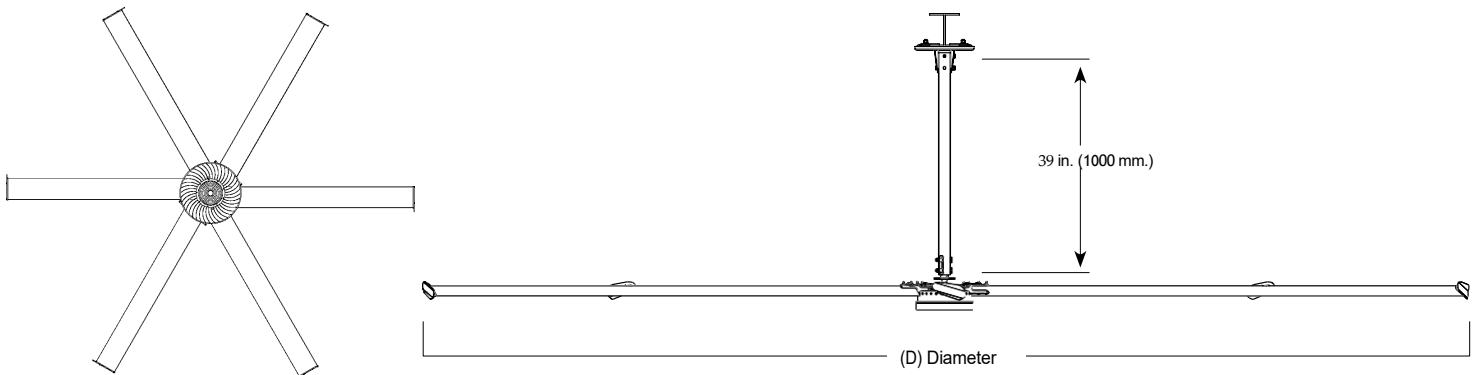
** With Standard Voltage

*Custom Lengths Available

**Under Laboratory Conditions

***Total Hanging Weight with Standard Downrod

PRODUCT DIMENSIONS



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