

PROJECT		DATE		TYPE	
NOTES					

- **5 Blade High Volume, Low Speed Ceiling Fan**
- **Available Diameters: 14' , 16' , 20' , & 24' (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-L5-24	PS-L5-20	PS-L5-16	PS-L5-14
Number of Airfoils	5			
Diameter (ft.)	24	20	16	14
Max Affected Area*	13994 ft2 (1300 m2)	10763 ft2 (1000 m2)	7534 ft2 (700 m2)	4865 ft2 (452m2)
Airflow (CFM)	526,188	437,901	384,929	257,443
Min/Max Speed	25/55	25/60	25/75	25/75
Full load Current (A) **	0.5/3.8A	0.46/2.8A	0.43/1.28A	0.49/1.28A
Full load Power **	0.84 KW	0.62 KW	0.44 KW	0.28 KW
Standard Down Rod Length*	39 in. (1m)			
Sound Level at Max Speed**	<40 dBA			
Fan Weight***	153 lbs.(69 kg)	133 lbs.(60 kg)	120 lbs.(54 kg)	75 lbs.(34 kg)
Motor Power Rating	1.12 HP	1 HP	0.59 HP	0.38 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 \pm 10%, 1 Φ , 50/60Hz Standard, 3 Φ - Optional			
Forward/ Reverse Direction	Yes / Reverse direction optional			
Max Operating Temperatures	176 °F (80 °C)			
LED light (Optional)	LED light 100W, 6000K 220 VAC, 1 Φ			

+ Fan Plane at 20 Feet Height from Ground Level

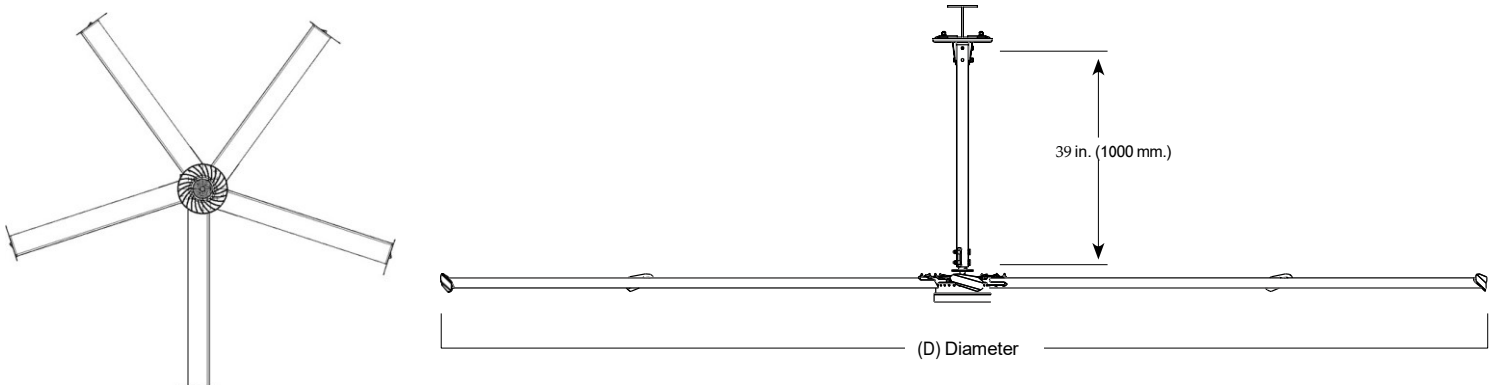
++ With Standard Voltage

* Custom Lengths Available

** Under Laboratory Conditions

*** Total Hanging Weight with Standard Downrod

PRODUCT DIMENSIONS



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