

# PERFORMANCE PRO PS-5

5-Blade HVLS Ceiling Fan

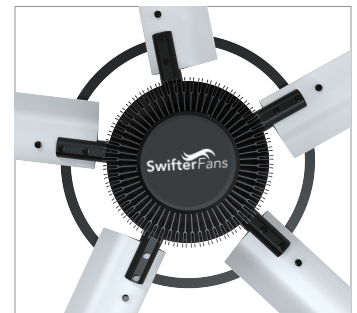


## KEY FEATURES

- Proprietary aluminum airfoils and aerodynamic wingtips designed for maximum airflow with minimal power consumption
- High-efficiency, high-torque, maintenance-free permanent magnet synchronous motor (PMSM)
- Near-silent operation at <40 dBA\*
- Rugged, industrial construction for durability and reliability
- In-house engineering and vertically integrated manufactured components
- Promotes IEQ (indoor environmental quality) per ASHRAE 55



\* Under laboratory conditions



Diameter: 16' - 24' (custom available)

### ■ Proprietary Airfoils

Inspired by Swifter's innovations in industrial and equipment fan technology, the Performance Pro's five marine-grade anodized aluminum blades deliver industry-leading CFM/Watt efficiency.

### ■ Premium Direct Drive Motor

The IP55-rated permanent magnet synchronous motor (PMSM) reduces maintenance needs and ensures lasting reliability, eliminating issues typically associated with gearbox motors.

### ■ Redundant Safety Features

UL 507 certified. Featuring airfoil blade retainers, steel guy cables, and optional fire relay integration with an emergency shut-off switch.

### ■ Variable-Speed Controller

Featuring a ground-level variable frequency drive for ease of access and optional reverse rotation capability suitable for winter destratification.

### ■ Flexible Mounting Options

Includes standard mounting hardware for multiple configurations such as I-beams, solid beams, angle iron, pitched roofs, and square tubes, with optional kits for purlins and other structures.

### ■ Limited Warranty

15-year mechanical warranty; 5-year electrical warranty. [Warranty Policy](#).

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**SwifterFans**  
Perform Better. Achieve More.

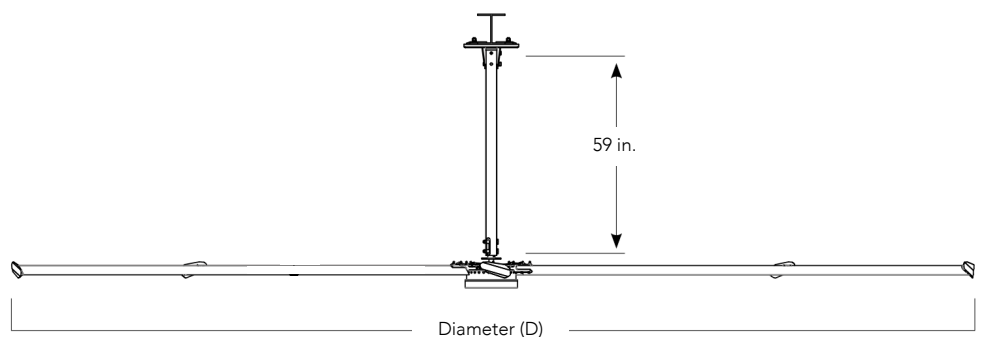
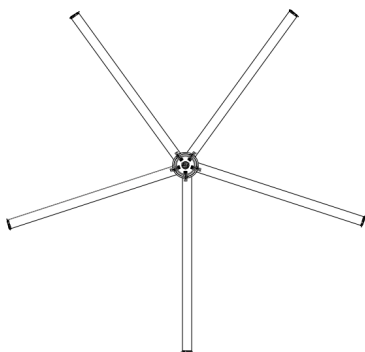
## TECHNICAL SPECIFICATIONS

		PS-5-24	PS-5-20	PS-5-18	PS-5-16
Dimensions & Performance	Diameter (D) [custom available]	24 ft	20 ft	18 ft	16 ft
	Airflow (Cubic Feet per Minute)	549,140 CFM	517,360 CFM	487,340 CFM	447,430 CFM
	Max. Affected Area*	21,530 ft²	17,220 ft²	11,840 ft²	8,610 ft²
	Max. RPM	54	62	68	76
	Weight**	273 lbs (124 kg)	265 lbs (120 kg)	247 lbs (112 kg)	238 lbs (108 kg)
	Downrod Length	59 in. standard (custom lengths available)			
	Input Power	200-240 VAC ±10%, 50/60Hz, 1 Φ standard (110-120 VAC / 400-480 VAC optional)			
	Sound Level***	<40 dBA at max. speed			
	Safety Features	Airfoil blade retainers, cold-forged locking blade connectors, and steel guy cables standard. Fire relay integration and emergency shut off switch optional.			
Motor (PMSM)	Motor Rating	2.45 HP			
	Full Load Current at 220 V	4.9 A	4.4 A	4.2 A	4.0 A
	Full Load Power at 220 V	1,500 W	1,100 W	1,000 W	1,000 W
	Max. Operating Temperature	140°F (60°C)			
	IP Rating	IP55			
	Insulation Class	IEC/NEMA Class F			
	Bearing L10 Life	100,000 hours per ABMA standards			

\* Fan plane at 20 feet height from ground level

\*\* Total hanging weight with standard downrod

\*\*\* Under laboratory conditions



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