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

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.







Diameter: 16' - 24' (custom available)

■ 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

5-year warranty on all parts, including the motor.

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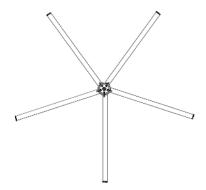
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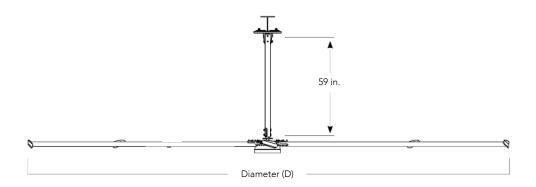


TECHNICAL SPECIFICATIONS

		PS-5-24	PS-5-20	PS-5-18	PS-5-16
	Diameter (D) [custom available]	24 ft	20 ft	18 ft	16 ft
ב ב	Airflow (Cubic Feet per Minute)	549,140 CFM	517,360 CFM	487,340 CFM	447,430 CFM
<u> </u>	Max. Affected Area*	21,530 ft ²	17,220 ft ²	11,840 ft ²	8,610 ft ²
5	Max. RPM	54	62	68	76
บ	Weight**	273 lbs (124 kg)	265 lbs (120 kg)	247 lbs (112 kg)	238 lbs (108 kg)
გ ე	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			
2	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 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			
Ž	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