

AIR SERIES

6-BLADE HVLS FAN



Diameters: 8ft, 10ft, 12ft

FEATURES

- Proprietary aluminum airfoils designed for maximum airflow with minimal power consumption
- High-efficiency, high-torque, maintenance-free permanent magnet synchronous motor (PMSM)
- Super bright LED light ideal for warehouses and industrial facilities
- Near-silent operation at <40 dBA*
- Rugged yet lightweight construction for durability and ease-of-install
- Promotes IEQ (indoor environmental quality) per ASHRAE 55



Complies with UL 507



* Under laboratory conditions

Proprietary Airfoils

Inspired by Swifter's innovations in industrial and equipment fan technology, the Aura Lite's six aircraft-grade, anodized aluminum blades deliver industry-leading CFM/Watt efficiency.

Premium Direct Drive Motor

The IP57-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 for complete system safety. Airfoil blade retainers, steel guy cables, impact auto-stop, fire relay integration, and emergency shutoff switch.

Variable-Speed Controller + Remote

Featuring a ground-level variable frequency drive for ease of access, the system also includes a wireless remote for convenient fan and LED light control.

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; 5-year motor; 3-year electrical.

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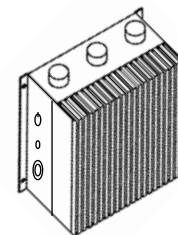
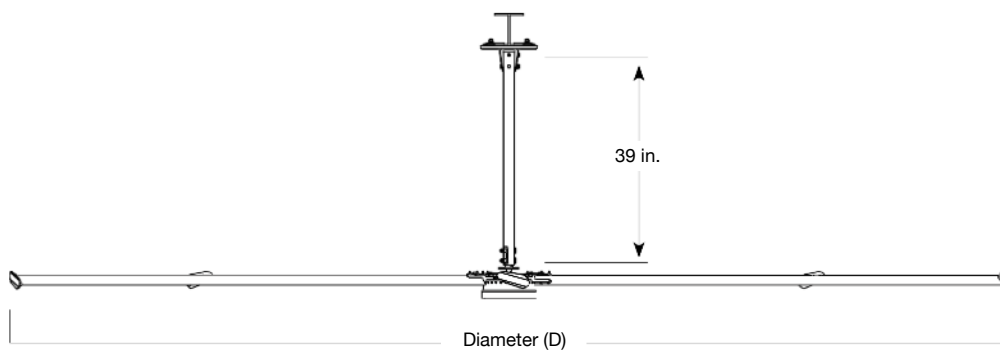
TECHNICAL SPECIFICATIONS

		AS-6-12	AS-6-10	AS-6-8
Dimensions & Performance	Diameter (D)	12 ft	10 ft	8 ft
	Min./Max. RPM	25/100	25/110	25/120
	Weight*	55 lbs (25.0 kg)	52 lbs (23.6 kg)	47 lbs (21.2 kg)
	Downrod Length	39 in. standard (custom lengths available)		
	Forward/Reverse Capabilities	Yes - controlled with wireless IR remote		
	Input Power	200-240 VAC $\pm 10\%$, 50/60Hz, 1 Φ standard (110-120 VAC / 400-480 VAC optional)		
	Sound Level**	<40 dBA at max. speed		
	Safety Features	Airfoil blade retainers, safety-lock airfoil mounting hardware, chassis fall-restraint system, aircraft-grade steel guy cables, auto-stop upon impact, fire relay integration and optional emergency shutoff switch.		
Motor (PMSM)	Motor Rating	800 W		
	Full Load Current at 220 V+	1.9 A	1.3 A	1.0 A
	Full Load Power at 220 V+	418 W	286 W	220 W
	Max. Operating Temperature	176°F (80°C)		
	IP Rating	IP57 for covered outdoor operation		
	Insulation Class	IEC/NEMA Class F		
	Bearing L10 Life	100,000 hours per ABMA standards		
Light	LED Power	34 W, 0.15 A at 220 V Input Voltage		
	Brightness (Lumens)	6,120 $\pm 10\%$ lm		
	Color Temperature (Kelvin)	5,700 K ± 300 K		

* Total hanging weight with standard downrod

** Under laboratory conditions

+ With LED light off



VFD Controller
 Height: 10.0 in.
 Width: 8.25 in.
 Depth: 4.75 in.