

POWERFOIL BREEZE

Keep workers motivated and customers comfortable even in the largest spaces with Powerfoil Breeze. Featuring the power of our flagship industrial HVLS fans and an alluring aesthetic to complement any space, Powerfoil Breeze makes facility-wide comfort and year-round energy savings possible without sacrificing on style.



KEY FEATURES

- ▶ **Six anodized airfoils** with winglets and safety system
- ▶ **IP66-rated protection** against dust, water, and vapors
- ▶ **Sleek, contemporary design** delivers large-scale airflow
- ▶ **Indoor or covered outdoor use** to suit numerous applications
- ▶ **Permanent-magnet motor** for silent, efficient operation
- ▶ **Available options** include occupancy sensor, BAFCon controller, and custom colors

DIAMETER

16-24 FEET
(4.9-7.3 METERS)

MOTOR

**NEODYMIUM MAGNET
DIRECT-DRIVE**

MOUNTING

**I-BEAMS, BAR JOISTS,
SOLID BEAMS, AND PURLINS**

WARRANTY

UP TO
10 YEARS
MECHANICAL

UP TO
10 YEARS
ELECTRICAL

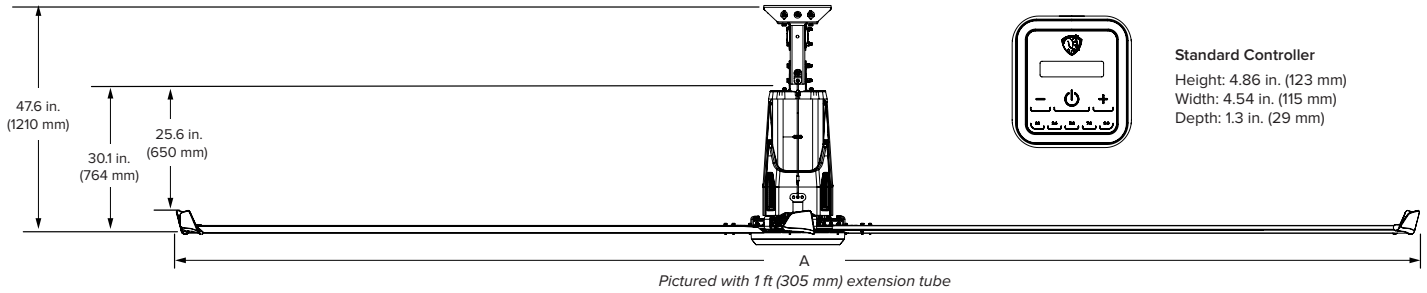
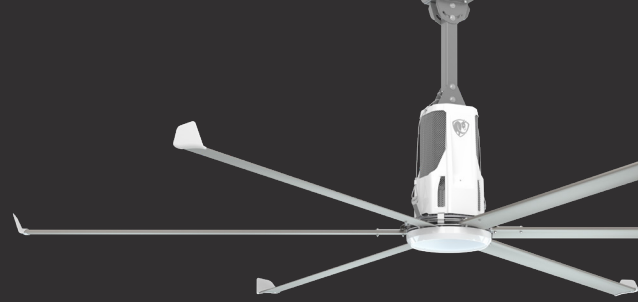


DISCOVER MORE ABOUT POWERFOIL BREEZE

Learn more at bigassfans.com/powerfoil-breeze
or call **877.BIG.FANS** for a free custom quote.

POWERFOIL® BREEZE

A SILENT WORKHORSE DESIGNED TO MATCH YOUR STYLE



Technical Specifications

Diameter (A)	Weight ¹	Max Speed	Input Power and Required Breaker	Airfoil Clearances ²	Max Operating Temperature
16 ft (4.9 m)	246 lb (112 kg)	81 RPM	200–277 VAC, 50/60 Hz, 1 Φ, 15 A 200–277 VAC, 50/60 Hz, 3 Φ, 15 A 380–480 VAC, 50/60 Hz, 3 Φ, 10 A	2 ft (0.6 m) on sides	131°F (55°C)
18 ft (5.5 m)	254 lb (115 kg)	74 RPM		6 ft (1.8 m) below ceiling	
20 ft (6.1 m)	261 lb (118 kg)	64 RPM		2 ft (0.6 m) on sides	
24 ft (7.3 m)	276 lb (125 kg)	48 RPM		7 ft (2.1 m) below ceiling	

Construction Features

Airfoils	Motor and Drive	Certifications	Mounting	Multi-Point Safety ³	Colors
Six patented anodized Powerfoil airfoils Stylized winglets eliminate wind noise	Neodymium magnet motor provides virtually silent operation Custom-designed enclosure made from durable ABS with steel mesh for maximum heat dissipation Rated IP66	<ul style="list-style-type: none"> UL Standard 507 and CSA Standard 22.2 No. 113 	Standard upper mount installs to I-beams and bar joists Optional kits allow for mounting to solid beams and purlins	Double safety cable system, airfoil retainers, hub safety clips, Grade 8 clear zinc hardware, fire relay, guy wires, and airfoil restraint system	Standard colors are silver with black or white with silver. Individualize your fan with one of our classic color upgrades, or work with our design consultants to create a shade that's all your own.

Controls

Standard Controller	Integrations	BAFCon Upgrade ⁴
Made from durable UV-resistant materials Rated IP55 Intuitive touchscreen interface On/Off and variable speed control Password protection Powered by fan drive	Building automation systems (Modbus-RTU and BACnet protocol) 0–10 V control Fire suppression systems	Integrated SmartSense technology automatically adjusts fan speed based on seasonal conditions 24-bit color LCD display with resistive touchscreen protected in sleek metal and ABS housing Powered by fan drive



Standard Controller



White with silver



Silver with black



¹ Weight does not include mount or extension tube.

² Measure the distance from the tip of the winglet to the ceiling or major obstruction.

³ Airfoil restraint system comes standard on 20–24 ft (6–7.3 m) fans and is an option for smaller diameter fans. The fire relay must be wired during install if required by local code.

Guy wires are included with fans that have extension tubes 4 ft (1.2 m) or longer.

⁴ Optional upgrade available; ships separately.

Lead times may vary.

See full warranty for coverage information.



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