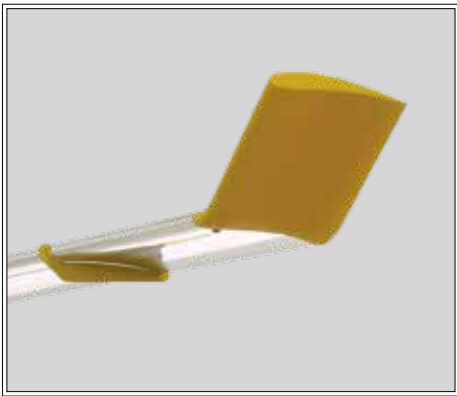


Powerfoil[®] 8

So durable, you'll retire before it does.

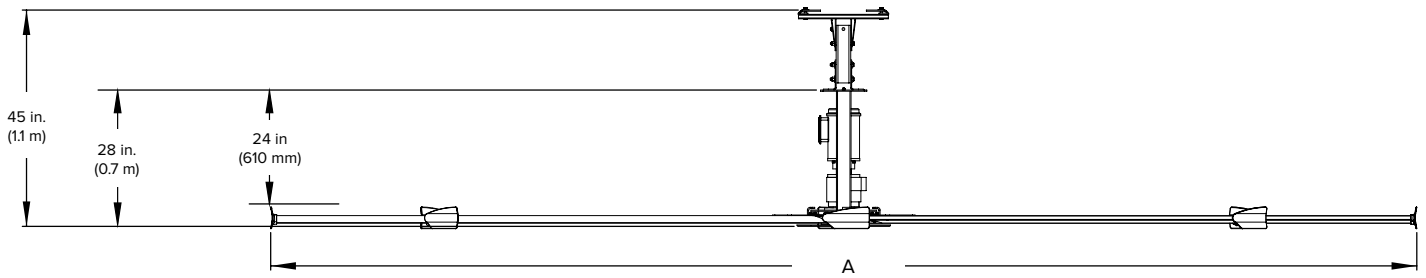


The Powerfoil 8 Plus winglets create deeper jets of air, sending airflow over and around floor obstructions. Patent-pending AirFences optimize circulation by redirecting air traveling across the foils.

Powerfoil 8 is a heavy-duty ceiling fan featuring industrial grade components. It is fully factory tested prior to shipping to ensure a perfectly functioning system. Sophisticated controls make it easy to integrate into building automation systems, while an EMI/RFI filter minimizes interference with other electrical equipment. Designed and thoroughly tested by the engineers of the Big Ass Fan Company[®], Powerfoil 8 is backed by a 12-year limited warranty.

Features and Benefits

- Patented airfoil system is comprised of eight airfoils, Powerfoil winglets and AirFence[®] technology that set the world standard for airflow
- Industrial-grade motor and gearbox features inline helical-cut gears for efficient, reliable and durable operation, lubricated for life with synthetic oil
- Patent-pending hub system features machine-cut precision components for a uniform load distribution that promotes overall longevity and durability
- Wall mounted NEMA 4X rated controller employs an easy-to-read LED display in a compact, wall-mounted package with lock-out, tag-out capability
- Includes a standard, power-on shutdown fire relay for seamless fire-control panel integration
- Entire fan is UL 507/CSA certified, ensuring that your fan meets country safety requirements



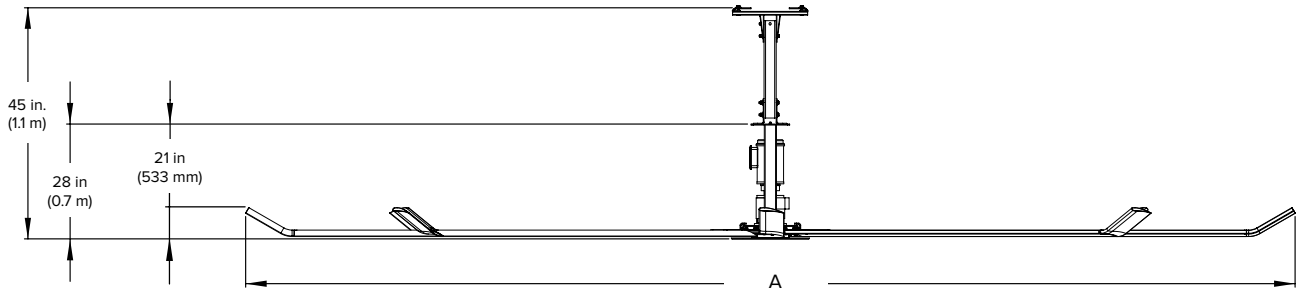
Technical Specifications

Model	Powerfoil 8							
Number and type of airfoils	8 patented Powerfoil airfoils and winglets 8 patent-pending AirFences							
Airfoil finish	Mill finish aluminum							
Winglet (standard color)	Powerfoil winglet (safety yellow)							
Fan diameter (A)	8 ft (2.4 m)	10 ft (3 m)	12 ft (3.6 m)	14 ft (4.3 m)	16 ft (4.9 m)	18 ft (5.5 m)	20 ft (6.1 m)	24 ft (7.3 m)
Fan weight	165 lb (74.8 kg)	174 lb (78.9 kg)	183 lb (83 kg)	192 lb (87.1 kg)	213 lb (96.6 kg)	224 lb (101.6 kg)	253 lb (114.7 kg)	272 lb (123.4 kg)
Motor	1.0 HP (0.75 kW)			1.5 HP (1.1 kW)			2.0 HP (1.5 kW)	
Maximum speed	180 RPM	155 RPM	111 RPM	93 RPM	87 RPM	79 RPM	69 RPM	61 RPM
Input power and required breaker	100–125 VAC, 50/60 Hz, 1 Φ, 25 A 200–250 VAC, 50/60 Hz, 1 Φ, 15 A 200–250 VAC, 50/60 Hz, 3 Φ, 10 A 400–480 VAC, 50/60 Hz, 3 Φ, 10 A 575–600 VAC, 50/60 Hz, 3 Φ, 10 A			200–250 VAC, 50/60 Hz, 1 Φ, 25 A 200–250 VAC, 50/60 Hz, 3 Φ, 15 A 400–480 VAC, 50/60 Hz, 3 Φ, 10 A 575–600 VAC, 50/60 Hz, 3 Φ, 10 A				
Maximum full load current	11.0 A @ 100–125VAC, 1 Φ 5.5 A @ 200–250 VAC, 1 Φ 3.2 A @ 200–250 VAC, 3 Φ 1.6 A @ 400–480 VAC, 3 Φ 1.3 A @ 575–600 VAC, 3 Φ			9.8 A @ 200–250 VAC, 1 Φ 4.9 A @ 200–250 VAC, 3 Φ 2.4 A @ 400–480 VAC, 3 Φ 1.9 A @ 575–600 VAC, 3 Φ		12.4 A @ 200–250 VAC, 1 Φ 6.2 A @ 200–250 VAC, 3 Φ 3.2 A @ 400–480 VAC, 3 Φ 2.6 A @ 575–600 VAC, 3 Φ		
Minimum airfoil clearances required	2 ft (0.6 m) on sides 4 ft (1.2 m) below ceiling deck		2 ft (0.6 m) on sides 5 ft (1.5 m) below ceiling deck		2 ft (0.6 m) on sides 6 ft (1.8 m) below ceiling deck		2 ft (0.6 m) on sides 7 ft (2.1 m) below ceiling deck	
Standard mount	Small I-beam							
Mount options	Large I-beam, spanned angle iron, small/large L-bracket, Z-purlins							
Controller	Wall mounted VFD, NEMA 4X							
Onboard controller	By request							
Gearbox	Industrial-grade							
Sound level at maximum speed*	< 55 dBA							
Redundant safety features	Airfoil retainers, hub clips, safety cables, Grade 8 bolts							
Fire relay	Included							
Certifications (entire fan)	ETL/Intertek-certified to ANSI/UL 507 and CSA C22.2 No. 113							
Warranty**	12-year limited warranty							

* Fans are sound tested at maximum speed in a laboratory environment. Actual results in field conditions may vary due to sound reflecting surfaces and environmental conditions.

** 12-year limited parts (first 3 years covered at 100% and pro-rated thereafter), lifetime airfoils and hub warranty; certain exclusions apply. See complete warranty for details.





Technical Specifications

Model	Powerfoil 8 Plus					
Number and type of airfoils	8 patented Powerfoil Plus airfoils and winglets 8 patent-pending AirFences					
Airfoil finish	Mill finish aluminum					
Winglet (standard color)	Powerfoil plus winglets (safety yellow)					
Fan diameter (A)	12 ft (3.6 m)	14 ft (4.3 m)	16 ft (4.9 m)	18 ft (5.5 m)	20 ft (6.1 m)	24 ft (7.3 m)
Fan weight	183 lb (83 kg)	192 lb (87.1 kg)	213 lb (96.6 kg)	224 lb (101.6 kg)	253 lb (114.7 kg)	272 lb (123.4 kg)
Motor	1.0 HP (0.75 kW)		1.5 HP (1.1 kW)		2.0 HP (1.5 kW)	
Maximum speed	93 RPM		85 RPM	81 RPM	70 RPM	67 RPM
Input power and required breaker	100–125 VAC, 50/60 Hz, 1 Φ, 25 A 200–250 VAC, 50/60 Hz, 1 Φ, 15 A 200–250 VAC, 50/60 Hz, 3 Φ, 10 A 400–480 VAC, 50/60 Hz, 3 Φ, 10 A 575–600 VAC, 50/60 Hz, 3 Φ, 10 A		200–250 VAC, 50/60 Hz, 1 Φ, 25 A 200–250 VAC, 50/60 Hz, 3 Φ, 15 A 400–480 VAC, 50/60 Hz, 3 Φ, 10 A 575–600 VAC, 50/60 Hz, 3 Φ, 10 A			
Maximum full load current	11.0 A @ 100–125 VAC, 1 Φ 5.5 A @ 200–250 VAC, 1 Φ 3.2 A @ 200–250 VAC, 3 Φ 1.6 A @ 400–480 VAC, 3 Φ 1.3 A @ 575–600 VAC, 3 Φ		9.8 A @ 200–250 VAC, 1 Φ 4.9 A @ 200–250 VAC, 3 Φ 2.4 A @ 400–480 VAC, 3 Φ 1.6 A @ 575–600 VAC, 3 Φ		12.4 A @ 200–250 VAC, 1 Φ 6.2 A @ 200–250 VAC, 3 Φ 3.2 A @ 400–480 VAC, 3 Φ 2.6 A @ 575–600 VAC, 3 Φ	
Minimum airfoil clearances required	2 ft (0.6 m) on sides 6 ft (1.8 m) below ceiling deck		2 ft (0.6 m) on sides 7 ft (2.1 m) below ceiling deck		2 ft (0.6 m) on sides 8 ft (2.4 m) below ceiling deck	
Standard mount	Small I-beam					
Mount options	Large I-beam, spanned angle iron, small/large L-bracket, Z-purlins					
Controller	Wall mounted VFD, NEMA 4X					
Onboard controller	By request					
Gearbox	Industrial-grade					
Sound level at maximum speed*	< 55 dBA					
Redundant safety features	Airfoil retainers, hub clips, safety cables, Grade 8 bolts					
Fire relay	Included					
Certifications (entire fan)	ETL/Intertek-certified to ANSI/UL 507 and CSA C22.2 No. 113					
Warranty**	12-year limited warranty					

* Fans are sound tested at maximum speed in a laboratory environment. Actual results in field conditions may vary due to sound reflecting surfaces and environmental conditions.

** 12-year limited parts (first 3 years covered at 100% and pro-rated thereafter), lifetime airfoils and hub warranty; certain exclusions apply. See complete warranty for details.

