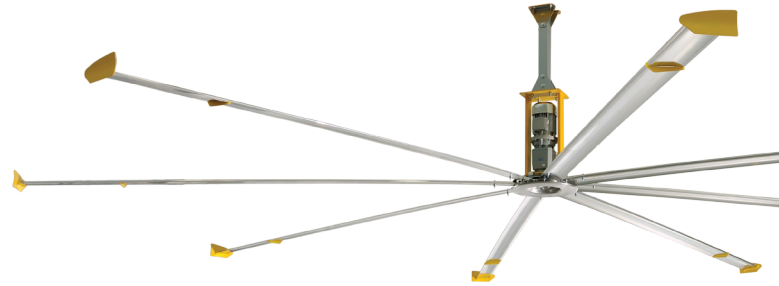


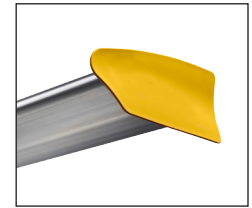
Powerfoil®8 is a heavy-duty ceiling fan that provides exceptional comfort and year-round energy savings.

### ANYTHING BUT AVERAGE

- **Airfoils** — Eight patented aluminum airfoils (mill finish) with patent-pending AirFences.
- **Winglets** — Powerfoil winglets eliminate wind noise (safety yellow).
- **Motor and Gearbox** — Industrial-grade motor and gearbox feature inline helical-cut gears for efficient, durable, and reliable operation; lubricated for life with synthetic oil.
- **Hub System** — Machine-cut precision components for uniform load distribution.
- **Controller** — Onboard NEMA 4X VFD eliminates RFI and EMI noise; wall-mounted keypad allows floor level control of all fan functions.
- **Mounting Options** — Standard upper mount installs to I-beams and angle iron; optional kits allow for mounting to large I-beams, solid beams, Z-purlins, and pitched roofs.
- **Safety Features** — Airfoil retainers, hub retainer clips, safety cables, Grade 8 bolts, fire relay (must be wired if required by local code).
- **Colors** — Standard colors for Powerfoil 8 are silver and yellow. Want something different? You can individualize your fan with one of our 11 classic color upgrades, or work with our design consultants to create a shade that's all your own.
- **Accessories** — SmartSense automatically adjusts fan speed. See the SmartSense spec sheet for details.



Onboard VFD



Aerodynamic Winglet Design

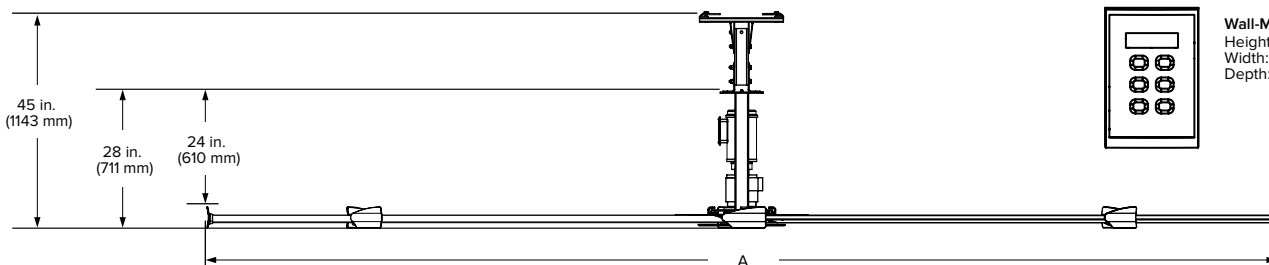
### Technical Specifications

Fan	Diameter (A)	Weight <sup>1</sup>	Max speed	Airfoil clearances <sup>2</sup>	Input power and required breaker	Motor horsepower	Sound at max speed <sup>3</sup>
PF8-08	8 ft (2.4 m)	135 lb (61 kg)	191 RPM	2 ft (0.6 m) on sides 4 ft (1.2 m) below ceiling	100–125 VAC, 50/60 Hz, 1 Φ, 15 A 200–240 VAC, 50/60 Hz, 1 Φ, 15 A 200–240 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	1.0 hp (0.75 kW)	< 55 dBA
PF8-10	10 ft (3 m)	150 lb (68 kg)	148 RPM				
PF8-12	12 ft (3.6 m)	200 lb (91 kg)	135 RPM	2 ft (0.6 m) on sides 5 ft (1.5 m) below ceiling	200–240 VAC, 50/60 Hz, 1 Φ, 25 A 200–240 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	1.5 hp (1.1 kW)	
PF8-14	14 ft (4.3 m)	209 lb (95 kg)	109 RPM				
PF8-16	16 ft (4.9 m)	224 lb (102 kg)	98 RPM	2 ft (0.6 m) on sides		2.0 hp (1.5 kW)	
PF8-18	18 ft (5.5 m)	233 lb (106 kg)	86 RPM	6 ft (1.8 m) below ceiling			
PF8-20	20 ft (6.1 m)	242 lb (110 kg)	76 RPM	2 ft (0.6 m) on sides			
PF8-24	24 ft (7.3 m)	261 lb (118 kg)	60 RPM	7 ft (2.1 m) below ceiling			

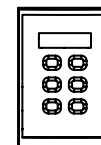
<sup>1</sup> Weight does not include mount or extension tube.

<sup>2</sup> Measure the distance from the tip of the winglet to the ceiling or major obstruction.

<sup>3</sup> 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.



Pictured with 1-ft (305-mm) extension tube



**Wall-Mounted Keypad**  
Height: 3.4 in. (86.4 mm)  
Width: 2.2 in. (55.9 mm)  
Depth: 0.72 in. (18.3 mm)



Certified to UL 507 and CSA C22.2

Lead times may vary.  
See full warranty for coverage information.  
Specifications subject to change without notice.



AMERICAS  
BIGASSOLUTIONS.COM  
877-244-3267

CANADA  
BIGASSOLUTIONS.COM/CA  
844-924-4277

AUSTRALIA  
BIGASSOLUTIONS.COM/AU  
1-300-244-277

SINGAPORE  
BIGASSOLUTIONS.COM/SG  
+65 6709 8500

MALAYSIA  
+603 5565 0888

# Powerfoil 8 Plus

## TECHNICAL SPECIFICATIONS

Powerfoil®8 Plus is a heavy-duty ceiling fan that provides exceptional comfort and year-round energy savings.

### ANYTHING BUT AVERAGE

- **Airfoils** — Eight patented Powerfoil hybrid airfoils (mill finish) with patent-pending AirFences.
- **Winglets** — PowerfoilPlus winglets eliminate wind noise (safety yellow).
- **Motor and Gearbox** — Industrial-grade motor and gearbox feature inline helical-cut gears for efficient, durable, and reliable operation; lubricated for life with synthetic oil.
- **Hub System** — Machine-cut precision components for uniform load distribution.
- **Controller** — Onboard NEMA 4X VFD eliminates RFI and EMI noise; wall-mounted keypad allows floor level control of all fan functions.
- **Mounting Options** — Standard upper mount installs to I-beams and angle iron; optional kits allow for mounting to large I-beams, solid beams, Z-purlins, and pitched roofs.
- **Safety Features** — Airfoil retainers, hub retainer clips, safety cables, Grade 8 bolts, fire relay (must be wired when required by local code).
- **Colors** — Standard colors for Powerfoil 8 Plus are silver and yellow. Want something different? You can individualize your fan with one of our 11 classic color upgrades, or work with our design consultants to create a shade that's all your own.
- **Accessories** — SmartSense automatically adjusts fan speed. See the SmartSense spec sheet for details.



Onboard VFD



Powerfoil Plus Winglet

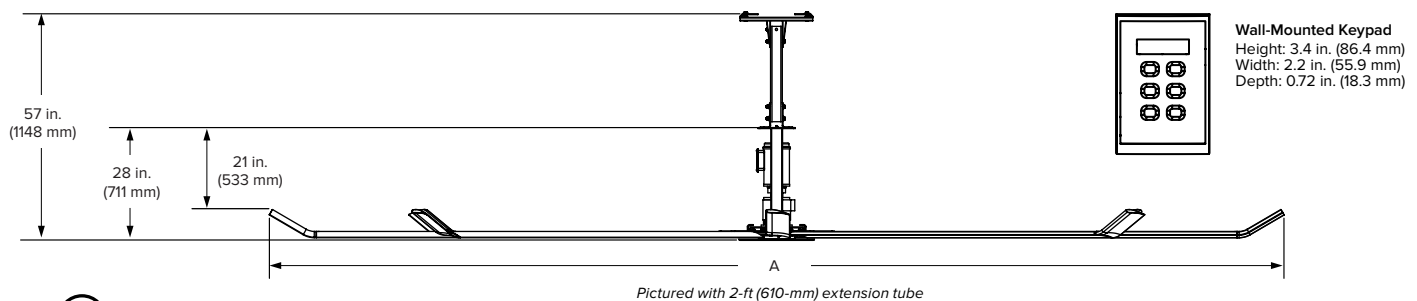
### Technical Specifications

Fan	Diameter (A)	Weight <sup>1</sup>	Max speed	Airfoil clearances <sup>2</sup>	Input power and required breaker	Motor horsepower	Sound at max speed <sup>3</sup>
PP8-10	12 ft (3.7 m)	194 lb (88 kg)	135 RPM	2 ft (0.6 m) on sides 4 ft (1.2 m) below ceiling	200–240 VAC, 50/60 Hz, 1 Φ, 25 A 200–240 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	1.5 hp (1.1 kW)	< 55 dBA
PP8-12	14 ft (4.3 m)	204 lb (93 kg)	109 RPM	2 ft (0.6 m) on sides	200–240 VAC, 50/60 Hz, 1 Φ, 25 A 200–240 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	2.0 hp (1.5 kW)	
PP8-14	16 ft (4.9 m)	219 lb (99 kg)	98 RPM	5 ft (1.5 m) below ceiling			
PP8-16	18 ft (5.5 m)	228 lb (103 kg)	86 RPM	2 ft (0.6 m) on sides			
PP8-18	20 ft (6.1 m)	237 lb (108 kg)	76 RPM	6 ft (1.8 m) below ceiling			
PP8-20	22 ft (6.7 m)	247 lb (112 kg)	68 RPM	2 ft (0.6 m) on sides			
PP8-24	24 ft (7.3 m)	256 lb (116 kg)	60 RPM	7 ft (2.1 m) below ceiling			

<sup>1</sup> Weight does not include mount or extension tube.

<sup>2</sup> Measure the distance from the tip of the winglet to the ceiling or major obstruction.

<sup>3</sup> 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.



Lead times may vary.  
See full warranty for coverage information.  
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+65 6709 8500

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