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.

### Technical Specifications

<table>
<thead>
<tr>
<th>Fan</th>
<th>Diameter (A)</th>
<th>Weight</th>
<th>Max speed</th>
<th>Airfoil clearances</th>
<th>Input power and required breaker</th>
<th>Motor horsepower</th>
<th>Sound at max speed</th>
</tr>
</thead>
<tbody>
<tr>
<td>PF8-08</td>
<td>8 ft (2.4 m)</td>
<td>135 lb (61 kg)</td>
<td>191 RPM</td>
<td>2 ft (0.6 m) on sides</td>
<td>100–125 VAC, 50/60 Hz, 1 Φ, 15 A</td>
<td>1.0 hp (0.75 kW)</td>
<td>&lt; 55 dBA</td>
</tr>
<tr>
<td>PF8-10</td>
<td>10 ft (3 m)</td>
<td>150 lb (68 kg)</td>
<td>148 RPM</td>
<td>2 ft (0.6 m) on sides</td>
<td>200–240 VAC, 50/60 Hz, 3 Φ, 15 A</td>
<td>1.5 hp (1.1 kW)</td>
<td></td>
</tr>
<tr>
<td>PF8-12</td>
<td>12 ft (3.6 m)</td>
<td>150 lb (68 kg)</td>
<td>135 RPM</td>
<td>2 ft (0.6 m) on sides</td>
<td>400–480 VAC, 50/60 Hz, 3 Φ, 10 A</td>
<td>2.0 hp (1.5 kW)</td>
<td></td>
</tr>
<tr>
<td>PF8-14</td>
<td>14 ft (4.3 m)</td>
<td>190 lb (86 kg)</td>
<td>109 RPM</td>
<td>2 ft (0.6 m) on sides</td>
<td>575–600 VAC, 50/60 Hz, 3 Φ, 10 A</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PF8-16</td>
<td>16 ft (4.9 m)</td>
<td>224 lb (102 kg)</td>
<td>98 RPM</td>
<td>2 ft (0.6 m) on sides</td>
<td>200–240 VAC, 50/60 Hz, 1 Φ, 7 ½ A</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PF8-18</td>
<td>18 ft (5.5 m)</td>
<td>233 lb (106 kg)</td>
<td>86 RPM</td>
<td>2 ft (0.6 m) on sides</td>
<td>200–240 VAC, 50/60 Hz, 3 Φ, 15 A</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PF8-20</td>
<td>20 ft (6.1 m)</td>
<td>242 lb (110 kg)</td>
<td>76 RPM</td>
<td>2 ft (0.6 m) on sides</td>
<td>575–600 VAC, 50/60 Hz, 3 Φ, 10 A</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PF8-24</td>
<td>24 ft (7.3 m)</td>
<td>261 lb (118 kg)</td>
<td>60 RPM</td>
<td>2 ft (0.6 m) on sides</td>
<td>400–480 VAC, 50/60 Hz, 3 Φ, 15 A</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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 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.

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 and CUL standards.
**Powerfoil 8 Plus**

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.

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² Measure the distance from the tip of the winglet to the ceiling or major obstruction.
³ 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.

**Onboard VFD**
- Height: 21 in. (533 mm)
- Pictured with 2-ft (610-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.**

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