Powerfoil X3.0, our biggest, most powerful industrial fan, features a patented system of airfoils and winglets, setting the world standard for airflow. And now it comes standard with BAFCon, a versatile smart controller packed with features, including SmartSense technology and an intuitive user interface.

**Technical Specifications**

<table>
<thead>
<tr>
<th>Fan</th>
<th>Diameter (A)</th>
<th>Weight¹</th>
<th>Max Speed</th>
<th>Airfoil Clearances²</th>
<th>Input Power and Required Breaker</th>
<th>Motor Horsepower</th>
<th>Sound at Max Speed³</th>
</tr>
</thead>
<tbody>
<tr>
<td>PFX3-08</td>
<td>8 ft (2.4 m)</td>
<td>222 lb (101 kg)</td>
<td>197 RPM</td>
<td>2 ft (0.6 m) on sides 4 ft (1.2 m) below ceiling</td>
<td>200–240 VAC, 50/60 Hz, 1 Φ, 20 A 200–240 VAC, 50/60 Hz, 3 Φ, 10 A 400–480 VAC, 50/60 Hz, 3 Φ, 10 A</td>
<td>10 hp (0.75 kW)</td>
<td>&lt; 55 dBA</td>
</tr>
<tr>
<td>PFX3-10</td>
<td>10 ft (3 m)</td>
<td>231 lb (105 kg)</td>
<td>160 RPM</td>
<td>2 ft (0.6 m) on sides 5 ft (1.5 m) below ceiling</td>
<td>200–240 VAC, 50/60 Hz, 1 Φ, 30 A 200–240 VAC, 50/60 Hz, 3 Φ, 20 A 400–480 VAC, 50/60 Hz, 3 Φ, 10 A 575–600 VAC, 50/60 Hz, 3 Φ, 10 A</td>
<td>1.5 hp (11 kW)</td>
<td></td>
</tr>
<tr>
<td>PFX3-12</td>
<td>12 ft (3.6 m)</td>
<td>245 lb (111 kg)</td>
<td>139 RPM</td>
<td>2 ft (0.6 m) on sides 6 ft (1.8 m) below ceiling</td>
<td>200–240 VAC, 50/60 Hz, 1 Φ, 30 A 200–240 VAC, 50/60 Hz, 3 Φ, 20 A</td>
<td>2.0 hp (1.5 kW)</td>
<td></td>
</tr>
<tr>
<td>PFX3-14</td>
<td>14 ft (4.3 m)</td>
<td>254 lb (115 kg)</td>
<td>118 RPM</td>
<td>2 ft (0.6 m) on sides 7 ft (2.1 m) below ceiling</td>
<td>200–240 VAC, 50/60 Hz, 1 Φ, 30 A 200–240 VAC, 50/60 Hz, 3 Φ, 20 A</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PFX3-16</td>
<td>16 ft (4.9 m)</td>
<td>264 lb (120 kg)</td>
<td>99 RPM</td>
<td>2 ft (0.6 m) on sides 8 ft (2.4 m) below ceiling</td>
<td>200–240 VAC, 50/60 Hz, 1 Φ, 30 A 200–240 VAC, 50/60 Hz, 3 Φ, 20 A 400–480 VAC, 50/60 Hz, 3 Φ, 10 A 575–600 VAC, 50/60 Hz, 3 Φ, 10 A</td>
<td></td>
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</tr>
<tr>
<td>PFX3-18</td>
<td>18 ft (5.5 m)</td>
<td>281 lb (127 kg)</td>
<td>89 RPM</td>
<td>2 ft (0.6 m) on sides 9 ft (2.7 m) below ceiling</td>
<td>200–240 VAC, 50/60 Hz, 1 Φ, 30 A 200–240 VAC, 50/60 Hz, 3 Φ, 20 A 400–480 VAC, 50/60 Hz, 3 Φ, 10 A 575–600 VAC, 50/60 Hz, 3 Φ, 10 A</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PFX3-20</td>
<td>20 ft (6.1 m)</td>
<td>290 lb (132 kg)</td>
<td>78 RPM</td>
<td>2 ft (0.6 m) on sides 10 ft (3.0 m) below ceiling</td>
<td>200–240 VAC, 50/60 Hz, 1 Φ, 30 A 200–240 VAC, 50/60 Hz, 3 Φ, 20 A</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PFX3-24</td>
<td>24 ft (7.3 m)</td>
<td>347 lb (157 kg)</td>
<td>65 RPM</td>
<td>2 ft (0.6 m) on sides 11 ft (3.4 m) below ceiling</td>
<td>200–240 VAC, 50/60 Hz, 1 Φ, 30 A 200–240 VAC, 50/60 Hz, 3 Φ, 20 A</td>
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</tr>
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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 Sound ratings 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.

**IT’S BIG. IT’S BAD. IT MOVES A TON OF AIR.**

- **BAFCon** — Smart controller with resistive touchscreen and password protection; controls up to eight fans.
- **Airfoils** — Eight patented Powerfoil airfoils (mill finish) with eight patent-pending AirFences.
- **Winglets** — Powerfoil winglets eliminate wind noise (safety yellow).
- **Motor and Gearbox** — IP43 motor and NitroSeal Drive gearbox (STÖBER\(^\text{®}\)); fully sealed drive enclosure resists corrosion and reduces heat buildup for longer life. Optional IP55 harsh environment motor.
- **Onboard VFD** — Housed in an ABS/PVC-based enclosure with built-in heatsink; virtually eliminates RFI and EMI noise.
- **Functional Platform** — Integrate lights, security cameras, speakers, or other devices.
- **Mounting Options** — Standard upper mount installs to I-beams and angle iron; optional kits allow for mounting to solid beams and Z-purlins.
- **Safety Features** — Airfoil retainers, hub clips, safety cables, Grade 8 bolts, fire relay (must be wired during install if required by local code). Airfoil restraint system comes standard on 20–24 ft (6–7.3 m) fans.
- **Colors** — Standard colors are silver and yellow. Want something different? 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.

**Powerfoil X3.0, Pictured with 1 ft (305 mm) extension tube**

**BAFCCon Controller**

Height: 3.9 in. (100 mm)  
Width: 5.6 in. (143 mm)  
Depth: 2.1 in. (54 mm)
Powerfoil X3.0 Plus, our biggest, most powerful industrial fan, features a patented system of airfoils and winglets, setting the world standard for airflow. And now it comes with BAFCon, a versatile smart controller packed with features, including SmartSense technology and an intuitive user interface.

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<td>PPX3-10</td>
<td>12 ft (3.7 m)</td>
<td>240 lb (109 kg)</td>
<td>140 RPM</td>
<td>2 ft (0.6 m) on sides 5 ft (1.5 m) below ceiling</td>
<td>1.5 hp (1.1 kW)</td>
<td>200–240 VAC, 50/60 Hz, 1 Φ, 30 A</td>
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<td>PPX3-12</td>
<td>14 ft (4.3 m)</td>
<td>249 lb (113 kg)</td>
<td>118 RPM</td>
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<td>334 lb (152 kg)</td>
<td>70 RPM</td>
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<td>2 hp (1.5 kW)</td>
<td>400–480 VAC, 50/60 Hz, 3 Φ, 10 A</td>
<td></td>
</tr>
<tr>
<td>PPX3-22</td>
<td>24 ft (7.3 m)</td>
<td>343 lb (156 kg)</td>
<td>62 RPM</td>
<td></td>
<td></td>
<td>575–600 VAC, 50/60 Hz, 3 Φ, 10 A</td>
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**Powerfoil X3.0 Plus**

- **Height:** 3.9 in. (100 mm)
- **Width:** 5.6 in. (143 mm)
- **Depth:** 2.1 in. (54 mm)

The Powerfoil X3.0 Plus is designed to be efficient and powerful, making it ideal for a variety of industrial applications. With its advanced features and customizable options, it’s sure to meet the needs of any demanding environment.