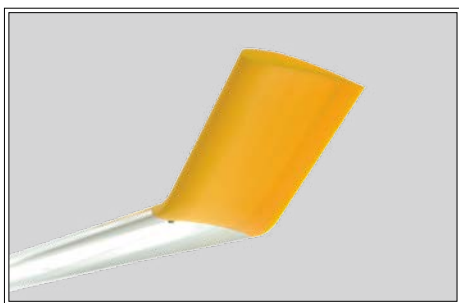


Powerfoil®X2.0 Washdown

The world's best fan, built to food-industry standards



The winglets on the Powerfoil X2.0 Plus Washdown create deeper jets of air, sending airflow over and around floor obstructions.



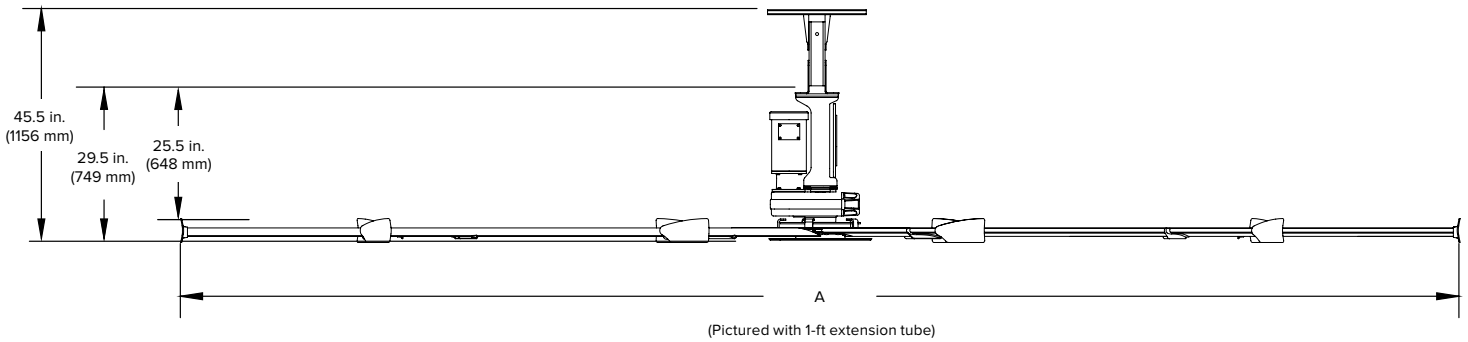
Powerfoil®X2.0 Washdown takes the strongest, most adaptable ceiling fan to a new level of usefulness. Big Ass Fans engineers designed and thoroughly tested the Powerfoil X2.0 Washdown to address the needs of food manufacturers. Powerfoil X2.0 Washdown features a stainless steel motor and NitroSeal™ gearbox filled with food-grade oil to withstand frequent and intense cleaning. The fan uses non-porous, non-absorbent and corrosion-resistant materials throughout, making it perfect for any processing environment. It's so dependable, we back it with a 3-year warranty.

Features and Benefits

- Patented airfoil system is comprised of 10 airfoils and winglets that set the world standard for airflow
- NitroSeal drive gearbox is hermetically sealed for life and nitrogen-filled for zero moisture, contamination and maintenance
- Gearbox features synthetic food-grade oil and food-duty epoxy coating
- Patent-pending hub system features machine-cut precision components for a uniform load distribution that promotes overall longevity and durability
- Wall-mounted VFD virtually eliminates RFI and EMI noise, and incorporated keypad provides 100% control of an unlimited number of fans, troubleshooting and parameter adjustment from the floor
- Includes a standard, power-on shutdown fire relay for seamless fire control panel integration
- Entire fan is ETL/Intertek-certified to UL 507/CSA C22.2, ensuring that your fan meets safety requirements of North America

Powerfoil® X2.0 Washdown

TECHNICAL SPECIFICATIONS



Technical Specifications

Model	Powerfoil X2.0 Washdown							
Fan diameter (A)	8 ft (2.4 m)	10 ft (3 m)	12 ft (3.7 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)
Weight ¹	331 lb (150 kg)	343 lb (155 kg)	355 lb (161 kg)	367 lb (166 kg)	379 lb (172 kg)	391 lb (177 kg)	403 lb (183 kg)	427 lb (194 kg)
Number and type of airfoils	10 patented Powerfoil airfoils and winglets 10 patent-pending AirFence®							
Airfoil finish	Mill finish aluminum							
Winglet (standard color)	Safety yellow							
Gearbox	NitroSeal™ drive (STÖBER®); food-grade synthetic oil and food-duty epoxy coating							
Motor	1.0 hp (0.75 kW)		1.5 hp (1.1 kW)			2.0 hp (1.5 kW)		
	Stainless steel, IP56 NEMA classification							
Maximum speed	113 RPM		106 RPM	95 RPM		77 RPM	70 RPM	55 RPM
Maximum amps	4.4 A @ 200–250 V, 1 Φ 3.2 A @ 200–250 V, 3 Φ 1.5 A @ 400–480 V, 3 Φ 1.3 A @ 575–600 V, 3 Φ			8.7 A @ 200–250 V, 1 Φ 5.0 A @ 200–250 V, 3 Φ 2.5 A @ 400–480 V, 3 Φ 1.9 A @ 575–600 V, 3 Φ			10.7 A @ 200–250 V, 1 Φ 6.2 A @ 200–250 V, 3 Φ 3.0 A @ 400–480 V, 3 Φ 2.3 A @ 575–600 V, 3 Φ	
Input power and required breaker	200–250 VAC, 50/60 Hz, 1 Φ, 20 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, 30 A 200–250 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				
Controller	Wall-mounted, stainless steel enclosure							
Fire relay	Included							
Mount (options)	Large/small I-beam, spanned angle iron, L-brackets, Z-purlins							
Sound level at maximum speed ²	<55 dBA							
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	
Certifications (entire fan)	ETL/Intertek-certified to ANSI/UL 507 and CSA C22.2 No. 113; suitable for wet locations							
Warranty ³	3 years mechanical/electrical, 1 year labor							

¹ Weight does not include mount or extension tube.

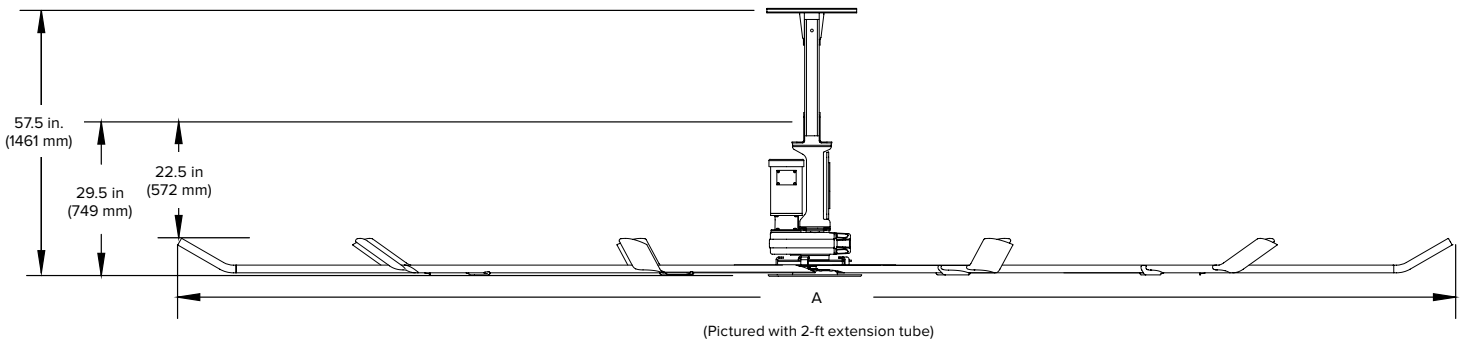
² Fans are sound tested at maximum speed in a laboratory environment. Actual results in field conditions may vary due to sound reflecting surfaces and environmental conditions.

³ Warranties vary by country. See complete warranty for details.



Powerfoil® X2.0 Plus Washdown

TECHNICAL SPECIFICATIONS



Technical Specifications

Model	Powerfoil X2.0 Plus Washdown					
Fan diameter (A)	12 ft (3.7 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)
Weight ¹	366 lb (166 kg)	378 lb (171 kg)	390 lb (177 kg)	402 lb (182 kg)	414 lb (188 kg)	438 lb (199 kg)
Number and type of airfoils	10 patented Powerfoil airfoils and winglets 10 patent-pending AirFence®					
Airfoil finish	Mill finish aluminum					
Winglet (standard color)	Safety yellow					
Gearbox	NitroSeal™ drive (STÖBER®); food-grade synthetic oil and food-duty epoxy coating					
Motor	1.5 hp (1.1 kW)			2.0 hp (1.5 kW)		
	Stainless steel, IP56 NEMA classification					
Maximum speed	95 RPM		77 RPM	70 RPM	58 RPM	48 RPM
Maximum amps	8.7 A @ 200–250 V, 1 Φ 5.0 A @ 200–250 V, 3 Φ 2.5 A @ 400–480 V, 3 Φ 1.9 A @ 575–600 V, 3 Φ				10.7 A @ 200–250 V, 1 Φ 6.2 A @ 200–250 V, 3 Φ 3.0 A @ 400–480 V, 3 Φ 2.3 A @ 575–600 V, 3 Φ	
Input power and required breaker	200–250 VAC, 50/60 Hz, 1 Φ, 30 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					
Controller	Wall-mounted, stainless steel enclosure					
Fire relay	Included					
Sound level at maximum speed ²	<55 dBA					
Minimum airfoil clearances required	3 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	
Certifications (entire fan)	ETL/Intertek-certified to ANSI/UL 507 and CSA C22.2 No. 113; suitable for wet locations					
Warranty ³	3 years mechanical/electrical, 1 year labor					

¹ Weight does not include mount or extension tube.

² 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.

³ Warranties vary by country. See complete warranty for details.

