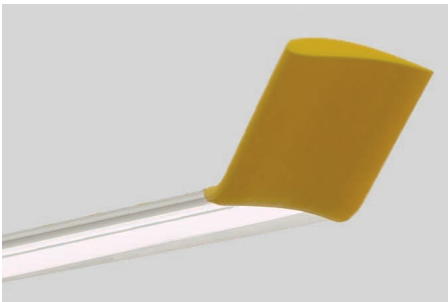


POWERFOIL® X2.0 WASHDOWN

You gave us a challenge, **we designed a solution.**



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



Powerfoil® X2.0 Wash Down answers direct requests from food manufacturers for a fan that will stand up to their tough environments and standards. Powerfoil X2.0 Wash Down is the first of its kind, featuring a stainless steel, wash-down motor to withstand frequent intense cleaning, a completely sealed NitroSeal™ gearbox with food-duty epoxy and food-grade oil. The overall non-pooling design of Powerfoil X2.0 Wash Down utilizes nonporous, nonabsorbent and corrosion resistant materials throughout, making it a resilient air-movement machine for any processing environment.

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 filled with nitrogen for zero moisture, contamination or maintenance
- NitroSeal drive 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
- Includes a standard, power-on shutdown fire relay for seamless fire-control panel integration
- Entire fan is UL 507/CSA certified and suitable for use in wet locations
- All components are aluminum or stainless steel
- Stainless steel, UL-wet rated motor and stainless steel hardware
- Non-pooling design used throughout

Technical Specifications	Powerfoil® X2.0 Wash Down	Powerfoil® X2.0 Plus Wash Down
Diameters	8-ft., 10-ft., 12-ft.	12-ft., 14-ft., 16-ft.
Number and type of airfoils	10 patented Powerfoil® airfoils and winglets	10 patented Powerfoil® Plus airfoils and winglets
Gearbox	NitroSeal™ drive (STÖBER) Food-grade, synthetic oil and food-duty epoxy coating	NitroSeal™ drive (STÖBER) Food-grade, synthetic oil and food-duty epoxy coating
Controller	Wall mounted, stainless steel enclosure	Wall mounted, stainless steel enclosure
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, 15 A 400—480 VAC, 50/60 Hz, 3 Φ, 10 A 575—600 VAC, 50/60 Hz, 3 Φ, 10 A
Motor	1.0 HP [0.75 kw]; stainless steel, UL wet rated	1.5 HP [1.1 kw]; stainless steel, UL wet rated
Maximum speed	113 RPM - 106 RPM	95 RPM - 77 RPM
Standard weight	330 lbs. - 354 lbs. [150kg - 160kg]	341 lbs. - 390 lbs. [155kg - 177kg]
Certifications (whole fan)	ANSI/UL 507, CAN/CSA C.22.2 No. 113-08 Suitable for use in wet locations	ANSI/UL 507, CAN/CSA C.22.2 No. 113-08 Suitable for use in wet locations
Diameters	14-ft., 16-ft., 18-ft.	18-ft.
Number and type of airfoils	10 patented Powerfoil® airfoils and winglets	10 patented Powerfoil® Plus airfoils and winglets
Gearbox	NitroSeal™ drive (STÖBER) Food-grade, synthetic oil and food-duty epoxy coating	NitroSeal™ drive (STÖBER) Food-grade, synthetic oil and food-duty epoxy coating
Controller	Wall mounted, stainless steel enclosure	Wall mounted, stainless steel enclosure
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	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
Motor	1.5 HP [1.1 kw]; stainless steel, UL wet rated	2.0 HP [1.5 kw]; stainless steel, UL wet rated
Maximum speed	95 RPM - 77 RPM	70 RPM
Standard weight	366 lbs. - 390 lbs. [166kg - 177kg]	402 lbs. [182kg]
Certifications (whole fan)	ANSI/UL 507, CAN/CSA C.22.2 No. 113-08 Suitable for use in wet locations	ANSI/UL 507, CAN/CSA C.22.2 No. 113-08 Suitable for use in wet locations
Diameters	20-ft., 24-ft.	20-ft., 24-ft.
Number and type of airfoils	10 patented Powerfoil® airfoils and winglets	10 patented Powerfoil® Plus airfoils and winglets
Gearbox	NitroSeal™ drive (STÖBER) Food-grade, synthetic oil and food-duty epoxy coating	NitroSeal™ drive (STÖBER) Food-grade, synthetic oil and food-duty epoxy coating
Controller	Wall mounted, stainless steel enclosure	Wall mounted, stainless steel enclosure
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	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
Motor	2.0 HP [1.5 kw]; stainless steel, UL wet rated	2.0 HP [1.5 kw]; stainless steel, UL wet rated
Maximum speed	70 RPM - 55 RPM	58 RPM - 48 RPM
Standard weight	402 lbs. - 426 lbs. [182kg - 193kg]	414 lbs. - 438 lbs. [188kg - 199kg]
Certifications (whole fan)	ANSI/UL 507, CAN/CSA C.22.2 No. 113-08 Suitable for use in wet locations	ANSI/UL 507, CAN/CSA C.22.2 No. 113-08 Suitable for use in wet locations

Covered by one or more of the following U.S. Patents: 6,244,821; 6,589,016; 6,817,835; 6,939,108; 7,252,478; 7,284,960; D587,799; D607,988; 7,654,798; D635,237; 7,934,907; D641,075; D642,674; 8,075,273; D650,893; 8,079,823; 8,147,182; 8,147,204; 8,152,453; 8,162,613 and other patents pending.
Other fan diameters are available upon request.

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