

X Series

This fan boasts a bullet-proof, industrial-grade, direct drive motor/controller platform more powerful and far superior than any fan before. The AVDX is a true workhorse that can endure the harshest industrial environments without breaking a sweat, while the silent operation and sleek design features make it an excellent choice for even the chicest of spaces.



Standard Features

- Direct Drive Motor, Rated for Indoor/Outdoor use*
- Clearcoat Anodized Airfoil Blades
- Forward, Reverse, Variable Speed
- Variable Frequency Drive - Capable of Building Automation Integration (with AirLink upgrade) and Fire Alarm
- Digital Wall Controller with Fault Code Access
- Safety Components: Safety cable, Universal Mount with guy wires, blade retainer links



BASIC SPECIFICATIONS

AIRFOIL DIAMETER	8ft	10ft	12ft	14ft	16ft	18ft	20ft	24ft
Airfoil Style	7.375" Extruded Anodized Aluminum Airfoil							
Number of Airfoils	6							
PERFORMANCE								
Max Speed	214 RPM	163 RPM	137 RPM	110 RPM	90 RPM	74 RPM	75 RPM	60 RPM
Recommended Spacing*	60 ft [18.3 m]	65 ft [19.8 m]	70 ft [21.3 m]	80 ft [24.4 m]	85 ft [25.9 m]	90 ft [27.4 m]	100 ft [30.5 m]	110 ft [33.5 m]
Max Affected Area	4,000 ft ² [372 m ²]	6,600 ft ² [613 m ²]	8,800 ft ² [818 m ²]	11,000 ft ² [929 m ²]	13,000 ft ² [1,115 m ²]	15,000 ft ² [1,301 m ²]	20,000 ft ² [1,673 m ²]	22,000 ft ² [1,858 m ²]
Sound Level dBA at Max Speed**	61	59	60	56	53	53	41	39
HANGING REQUIREMENTS								
Hanging Weight	156 lbs [70.77 kg]	165 lbs [74.85 kg]	174 lbs [78.93 kg]	183 lbs [83.01 kg]	192 lbs [87.10 kg]	201 lbs [91.17 kg]	242 lbs [109.77 kg]	260 lbs [117.93 kg]
Max Torque	18 ft-lb [24 Nm]	30 ft-lb [40 Nm]	44 ft-lb [60 Nm]	43 ft-lb [58 Nm]	40 ft-lb [54 Nm]	58 ft-lb [79 Nm]	88 ft-lb [119 Nm]	126 ft-lb [171 Nm]
Max Thrust in Reverse	6 lbs [2.8 kg]	10 lbs [4.6 kg]	14 lbs [6.4 kg]	14 lbs [6.4 kg]	15 lbs [6.8 kg]	21 lbs [9.5 kg]	31 lbs [14.1 kg]	44 lbs [20 kg]
MOTOR AND DRIVE TRAIN								
Motor Type	Radial Flux PMAC motor							
Equivalent Horsepower Rating	1.0 HP [8-18ft] / 2.0 HP [20-24ft]							
Operating Temp Range	16°F [-10°C] - 122°F [50°C]							
MAX AMP DRAW								
208-240V Single Phase	5.8A	7.2A	9.4A	9A	8.7A	8.4A	10.5A	13A
208-240V Three Phase	3.6A	4A	5.1A	5.8A	6.1A	5A	6.2A	8.7A
400-480V Three Phase	1.3A	1.6A	1.9A	2A	2A	2A	2.5A	3A
POWER AND CONTROLS								
Power Source	Single Phase 208-240 VAC 50/60 Hz / Three Phase 208-240 VAC 50/60 Hz / Three Phase 480 VAC 50/60 Hz							
Control Options	Digital Touchpad, MacroAir Controller 4, Controller 30, AirLink - BacNet / LonWorks							
INSTALLATION								
Mounting Hardware	Universal Mount Hardware							
Extension	Optional extensions are available in 1ft increments; all drop lengths with Universal Mounting Hardware require guy wires							
RATINGS AND COMPLIANCE								
Fire and Sprinkler	NFPA Compliant							
Wash Down Duty Rating***	IP65							
Certifications	UL 507							

*Specifications subject to change without notice Picture illustration may varies with actual products supplied.