

AirVolution^D 780

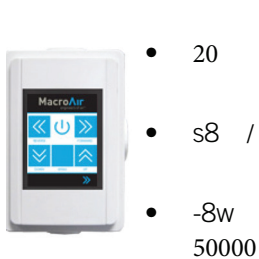


Extra-Large Spaces

AirVolution-D 780はヘビーデューティ用途向けに設計されたモーターにより、従来の75%以上の強力な風力を生成できます。倉庫、飛行機の格納庫、空港、スタジアムのような非常に大きなスペースに最適です。耐久性があり、耐摩耗性にも優れたファンで、簡単に設置できる上、騒音を低減、メンテナンスも不要です。

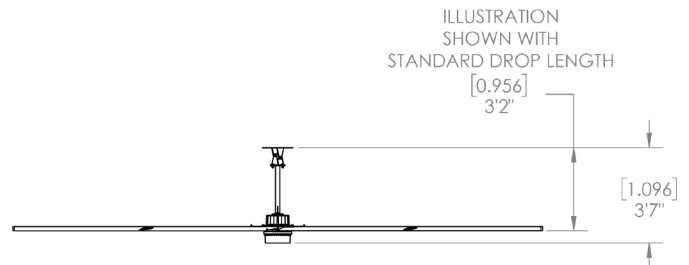
Key Specs

- Airfoil sizes 20 to 24 ft. integrate into any extra-large space
- Airfoils also available in black and other customizable colors
- 45% lighter for easy installation, less wear and tear
- -;whAz;iT
- Integrates into HVAC and other automated building systems via gateway
- 0°C-;D
- -8x 50,000



Mounting Dimensions

Illustration shown with standard extension



Basic Specifications

Airfoil Diameter	20ft	24ft
Airfoil Blade	Extruded Anodized Aluminum Airfoils 7.375" Blade Width	
Number of Airfoils	6	6

AirVolution^D 780

PERFORMANCE	20 ft	24 ft
Variable Speed	1 - 75 RPM	1 - 64 RPM
Recommended Industry Spacing*	105 ft	115 ft
Max Affected Area**	20,000 ft ²	22,000 ft ²
Sound Level dBA at 100% Speed ***	57	56

WEIGHTS		
Hanging Weight	214 lbs	239 lbs

MOTOR AND DRIVE TRAIN	
Motor Type	Gearless Direct Drive
Equivalent Horsepower Rating	2.1 HP
Max Operating Temp	140° F [60° C]

MAX AMP DRAW / RECOMMENDED FUSE		
208-240 VAC Single Phase	12.5A / 15	15.1A / 20
277 VAC Single Phase	9.4A / 10	11.3A / 15
208-240 VAC Three Phase	6.8A / 10	8.2A / 10
380 VAC Three Phase	3.7A / 5	4.5A / 5
480 VAC Three Phase	2.9A / 5	3.5A / 5
600 VAC Three Phase	2.3A / 5	2.8A / 5

POWER AND CONTROLS	
Power Source High	3-Phase [380-600] VAC +/- 5%, 50/60 Hz
Power Source Low	1-Phase or 3-Phase [208-277] VAC +/- 5%, 50/60 Hz
Control Options	Digital Touchpad Standard, MacroAir Controller 6 and 30, AirLynk – BacNet/LonWorks

INSTALLATION	
Mounting Hardware	AVD Universal Mount
Drop Length	In addition to the standard drop length supplied, optional drop lengths are available in 1 inch increments. Guy wires required with Universal Mount; with Rapid Mount Industrial; guy wires are optional.

RATINGS AND COMPLIANCE	
Fire and Sprinkler	NFPA Compliant
Wash Down Duty Rating	IP65
Certifications	UL 507, CE

* Delivers 2.8 - 4.2 ft/s of average air speed in the occupied space. This relates to perceived cooling or set point change or 4.9-6.1° F. Consult EnergyLogic LLC for more details.

** Delivers 2.7 - 3.8 ft/s of average air speed in the occupied space. This relates to perceived cooling or set point change or 4.8-5.8° F. Consult EnergyLogic LLC for more details.

*** Sound testing taken with sensor 5 ft above the ground and 20 ft from the center of the fan at 20 ft high.