

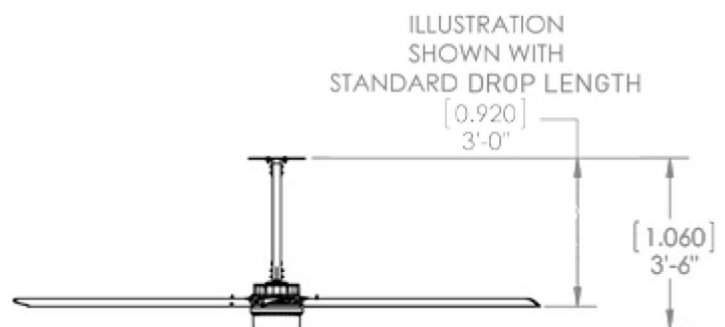
Medium to Large Spaces

The AirVolution-D3 is ideally suited for medium to large spaces such as car dealerships, manufacturing facilities and distribution warehouses. Designed to be our most cost-effective HVLS fan, this model incorporates the primary benefits of our gearless technology. It features the highest efficiency motor available, reduced weight, less noise and no maintenance. In addition, it is suitable for wet environments with an IP65 rating for wash down or outdoor use. When high performance, best value and budget are critical factors, the AirVolution-D3 delivers the best ROI of any HVLS fan on the market today.

Key Specs:

- Airfoil sizes 12 to 24 ft integrate into any large space
- Airfoils also available in black (for nominal fee)
- Custom powder coat paint colors available as well
- Lightest HVLS fan on the market*
- Customizable upgrade options
- Wash Down Duty rated for outdoor use
- No gearbox means silent operation, zero maintenance
- Integrates into HVAC and other automated building systems (coming soon)

*Compared to the leading competitor's similar model



Digital Remote



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

AIRFOIL DIAMETER	10ft	12ft	14ft	16ft	18ft	20ft	24ft
Airfoil Style	7.375" Extruded Anodized Aluminum Airfoil						
Number of Airfoils	3						
PERFORMANCE							
Max Speed	166 RPM	135 RPM	118 RPM	91 RPM	87 RPM	81 RPM	63 RPM
Max Power Usage	480 W	510 W	590 W	430 W	610 W	780 W	810 W
Recommended Industry Spacing**	55 ft [16.8 m]	60 ft [18.3 m]	70 ft [21.3 m]	75 ft [22.9 m]	80 ft [24.4 m]	90 ft [27.4 m]	95 ft [29 m]
Max Affected Area***	5200 ft ² [483 m ²]	6,700 ft ² [622 m ²]	8,900 ft ² [827 m ²]	9,600 ft ² [892 m ²]	12,600 ft ² [1,171 m ²]	15,400 ft ² [1,431 m ²]	17,000 ft ² [1,579 m ²]
Sound Level dBA at Max Speed****	56	55	54	52	52	54	51
WEIGHT							
Hanging Weight	129 lb [58.5 kg]	133 lb [60.3 kg]	137 lb [62.1 kg]	141 lb [64 kg]	145 lb [65.8 kg]	149 lb [67.6 kg]	162 lb [73.5 kg]
MOTOR AND DRIVE TRAIN							
Motor Type	Gearless Direct Drive						
Equivalent Horsepower Rating	1.05 HP						
Max Operating Temp	122°F [50°C]						
MAX AMP DRAW / RECOMMENDED FUSE							
208-240 VAC Single Phase	3.5A / 5	3.7A / 5	4.3A / 5	3.2A / 5	4.5A / 5	5.7A / 10	6A / 10
208-240 VAC Three Phase	2.5A / 5	2.6A / 5	2.9A / 5	2.4A / 5	3A / 5	3.6A / 5	3.8A / 5
460-480 VAC Three Phase	1.1A / 5	1A / 5	1.3A / 5	1A / 5	1.3A / 5	1.8A / 5	1.7A / 5
POWER AND CONTROLS							
Power Source High	Three Phase 480 VAC +/-5%, 50/60 Hz						
Power Source Low	Single Phase or Three Phase (208-240) VAC +/-5%, 50/60 Hz						
Control Options	Digital Touchpad, MacroAir Controller 6 and 30, AirLynk - BacNet / LonWorks						
INSTALLATION							
Mounting Hardware	Standard Mount						
Drop Length	In addition to the standard drop length supplied, optional drop lengths are available in 1in increments; all drop lengths require guy wires						
RATINGS AND COMPLIANCE							
Fire and Sprinkler	NFPA Compliant						
Certifications	UL 507****, CE						

*Calculation based on AMCA 230-99 equation

**Delivers 2.8-4.2 ft/s [0.86-1.27 m/s] of average air speed in the occupied space. This relates to perceived cooling or set point change of 4.9-6.1 F [2.7-4.3 C]. Consult our online AirViz tool for more details

***Delivers 2.7-3.8 ft/s [0.82-1.16 m/s] of average air speed in the occupied space. This relates to a perceived cooling or set point change of 4.8-5.8 F [2.6-3.2 C]. Consult our online AirViz tool for more details.

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

***** The 460-480 volt AVD3 is not UL Certified

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*Picture illustration may varies with actual products supplied

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