



Medium to Large Spaces

The AirVolution, "Workhorse", is ideally suited for medium to large spaces such as car dealerships, manufacturing facilities, and distribution warehouses. Moving more air than any geared motor fans in its price range. The MacroAir Legacy Series delivers the quality and efficiency you've come to expect from the company that pioneered HVLS fans.

Key Specs

- Sizes 8 – 24ft.
- Cool summers and warm winters for less than \$1 per day.
- Reduce energy expenses up to 25%.
- Budget conscious solution for all environment types.
- Clearcoat anodized patented Airfoil blades.
- Forward, reverse, variable speed.
- Variable Frequency Drive – capable of fire alarm and automated building systems integration.
- Digital wall controller with fault code access.
- Safety Components: Safety Cable, Universal Mount with Guy Wires, Blade Retainer Links

Touchscreen Remote



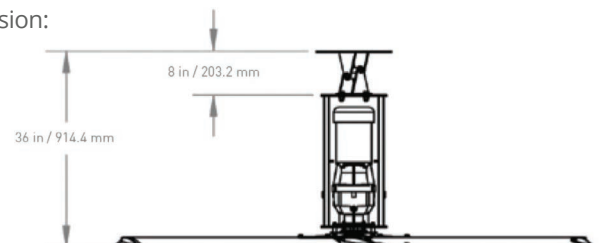
- 20 speed settings
- Forward & reverse

Warranty

12-year Service Life
Prorated Limited
Warranty

Mounting Dimensions

Illustration shown with standard
extension:



Basic Specifications

Airfoil (Blade) Diameter	8 ft.	10 ft.	12 ft.	14 ft.	16 ft.	18 ft.	20 ft.	24 ft.
Airfoil Type	Extruded Anodized Aluminum Airfoils							
Airfoil Width	7.375"							
Number of Airfoils	6							
Performance								
Variable Speed	0 - 209 RPM	0 - 162 RPM	0 - 120 RPM	1 - 105 RPM	0 - 88 RPM	0 - 72 RPM	0 - 73 RPM	0 - 62 RPM
Recommended Industry Spacing *	50 ft.	60 ft.	65 ft.	70 ft.	85 ft.	90 ft.	100 ft.	110 ft.
Sound Level dBA at 100% Speed **	58	58	58	58	58	58	61	61
Weights								
Hanging Weight	193 lbs	200 lbs	211 lbs	217 lbs	224 lbs	230 lbs	239 lbs	270 lbs
Motor and Drive Train								
Motor Type	AC Induction Motor With A Sealed 2 - Staged Helical Gear Box							
Equivalent Horsepower Rating	1.0 HP (8 - 18 ft.) 1.5 HP (20 ft.) 2.0 HP (24 ft.)							
Max Operating Temperature	104°F [40°C]							
Max Amp Draw / Recommended Fuse								
100-120 VAC 1-Phase	11.6 A / 15							
208-240 VAC 1-Phase	11.6 A / 15							
208-240 VAC 3-Phase	6.7 A / 10							
480 VAC 3-Phase	3.5 A / 5							
600 VAC 3-Phase	1.6 A / 5							
Power & Controls								
Power Source High	1-Phase 100-120 VAC / 1-Phase 208-240 VAC / 3-Phase 208-240 VAC / 3-Phase 480 VAC / 600 VAC 50/60 Hz							
Control Options	Digital Touchpad, MacroAir Controller 6 and 30, AirLynk - BacNet/LonWorks							
Installation								
Mounting Hardware	AirVolution Universal Mount							
Drop Length	Optional extensions are available in 1 inch increments; all drop lengths require guy wires.							
Ratings & Compliance								
Fire and Sprinkler	NFPA Compliant							
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.

