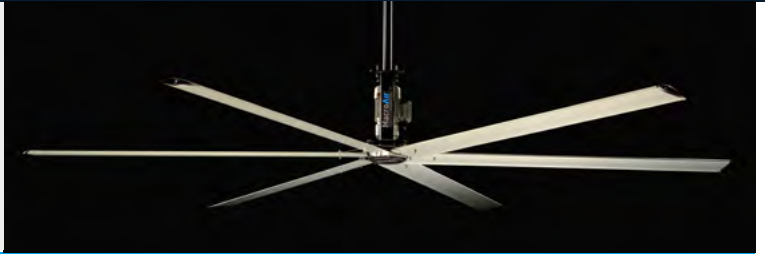
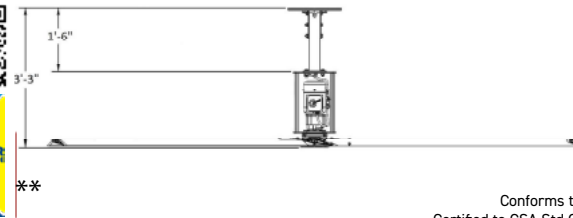


The AirLite sets the standard for DIY Industrial HVLS Fans and is perfect for small businesses, warehouses, workshops, garages and other spaces needing BIG air movement on a limited budget. It is powered by a reliable, industrial grade gearmotor and comes with everything needed to complete the installation. You get back to work faster and with a whole new level of comfort in your building.



## STANDARD FEATURES

- 3/4 HP AC induction industrial gearmotor
- Clearcoat anodized airfoil blades
- Forward, reverse, variable speed
- Easy plug and play installation
- 10 ft input power cable with pre-wired 110-120V plug (for fast, easy connection of VFD wall control to wall outlet)
- Rigid mount without the need for guy wires



**Intertek**  
Conforms to UL Std 507  
Certified to CSA Std C22.2 No. 113  
14ft

AIRFOIL DIAMETER	8ft	10ft	12ft	14ft
Airfoil Style	7.375" Extruded Anodized Aluminum Airfoil			
Number of Airfoils	6			
<b>PERFORMANCE</b>				
Max Speed	188 RPM	145 RPM	106 RPM	88 RPM
Recommended Spacing	24-37 ft [7.4-11.3 m]	30-46 ft [9.2-14 m]	36-56 ft [11-17.1 m]	42-65 ft [12.9-19.8 m]
Max Affected Area	2,880 ft <sup>2</sup> [260 m <sup>2</sup> ]	4,800 ft <sup>2</sup> [446 m <sup>2</sup> ]	6,400 ft <sup>2</sup> [595 m <sup>2</sup> ]	8,000 ft <sup>2</sup> [743 m <sup>2</sup> ]
<b>HANGING REQUIREMENTS</b>				
Hanging Weight	122 lb [55.3 kg]	128 lb [58.1 kg]	134 lb [60.8 kg]	140 lb [63.5 kg]
Max Torque	18 ft-lb [24.4 Nm]	23 ft-lb [31.2 Nm]	27 ft-lb [36.6 Nm]	40 ft-lb [54.2 Nm]
<b>MOTOR AND DRIVE TRAIN</b>				
Motor Type	AC Induction Gearmotor			
Horsepower Rating	3/4 HP			
Max Operating Temp	104 F° [40C°]			
<b>POWER AND CONTROLS</b>				
Power Source	110V-120V Plug			
Controls	Analog Remote			
<b>INSTALLATION</b>				
Mounting Hardware	Rigid Mount (no guy wires) / Optional Brackets for Glulam available for additional purchase			
Drop Length	3'-3" total drop			
<b>RATINGS AND COMPLIANCE</b>				
Washdown Rating*	IP55 (motor)			
Certifications	ETL/INTERTEK - Conforms to UL Std 507 / Certified to CSA Std C22.2 No. 113			

\*Fan unit is IP55 rated for washdown, but without guy wires, fan is not rated for outdoor use and cannot be subjected to wind. Proper water ingress protection must be added to outlet in order to achieve full washdown rating.

\*\* MacroAir Technologies, Inc. certifies that the model AirLite (diameters 8'-14') shown herein are licensed to bear the AMCA seal. The ratings shown are based on the tests and procedures performed in accordance with AMCA Publication 211 and comply with the requirements of the AMCA Certified Ratings Program.



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## PERFORMANCE SPECIFICATIONS

Fan Diameter (Ft)	Fan Speed (% of max RPM)	Fan Speed (RPM)	Voltage/ Phase/ Frequency	Standby Power (Watts)	Electrical Input Power (Watts)	Airflow Rate (CFM)	CFEI 40	CFEI 100	Direction	Reverse Operation?
8	20	31.64	230/Single Phase/60Hz	13.5	97.75	4834.46	3.13	2.02	Forward	Yes
	40	72.79	230/Single Phase/60Hz		161.35	12768.78			Forward	Yes
	60	111.79	230/Single Phase/60Hz		211.45	19904.32			Forward	Yes
	80	152.23	230/Single Phase/60Hz		353.69	27432.65			Forward	Yes
	100	188.42	230/Single Phase/60Hz		606.18	33697.00			Forward	Yes
10	20	26.53	230/Single Phase/60Hz	13.5	91.50	8053.83	3.43	2.11	Forward	Yes
	40	59.09	230/Single Phase/60Hz		152.45	19223.13			Forward	Yes
	60	87.68	230/Single Phase/60Hz		238.90	29009.80			Forward	Yes
	80	117.94	230/Single Phase/60Hz		363.57	39289.91			Forward	Yes
	100	144.77	230/Single Phase/60Hz		607.29	48595.66			Forward	Yes
12	20	17.68	230/Single Phase/60Hz	13.5	76.58	8850.37	3.97	2.33	Forward	Yes
	40	40.76	230/Single Phase/60Hz		125.12	22132.45			Forward	Yes
	60	61.83	230/Single Phase/60Hz		199.97	35149.02			Forward	Yes
	80	83.47	230/Single Phase/60Hz		329.57	47758.79			Forward	Yes
	100	106.03	230/Single Phase/60Hz		524.65	61314.64			Forward	Yes
14	20	14.00	230/Single Phase/60Hz	13.5	68.42	10442.18	4.33	2.26	Forward	Yes
	40	32.58	230/Single Phase/60Hz		114.75	26879.91			Forward	Yes
	60	50.92	230/Single Phase/60Hz		189.70	43966.01			Forward	Yes
	80	68.20	230/Single Phase/60Hz		316.48	59817.62			Forward	Yes
	100	87.65	230/Single Phase/60Hz		552.71	77291.16			Forward	Yes