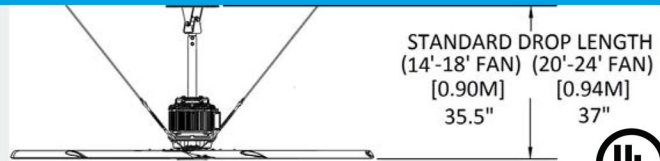




STANDARD FEATURES

- Clearcoat anodized 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



BASIC SPECIFICATIONS

AIRFOIL DIAMETER	14ft	16ft	18ft	20ft	24ft
Airfoil Style	7.375" Extruded Anodized Aluminum Airfoil				
Number of Airfoils	6				
PERFORMANCE					
Max Speed	110 RPM	90 RPM	74 RPM	75 RPM	60 RPM
Recommended Spacing*	70 ft [21.3 m]	85 ft [25.9 m]	90 ft [27.4 m]	100 ft [30.5 m]	110 ft [33.5 m]
Max Affected Area	10,000 ft ² [929 m ²]	12,000 ft ² [1,115 m ²]	14,000 ft ² [1,301 m ²]	18,000 ft ² [1,673 m ²]	20,000 ft ² [1,858 m ²]
Sound Level dBA at Max Speed**	58	58	58	61	61
HANGING REQUIREMENTS					
Hanging Weight	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	43 lbf/ft [58 Nm]	40 lbf/ft [54 Nm]	58 lbf/ft [79 Nm]	88 lbf/ft [119 Nm]	126 lbf/ft [171 Nm]
Max Thrust in Reverse	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	1.25 HP [8-18ft] / 2.3 HP [20-24ft]				
Operating Temp Range	16°F [-10C°] - 104 F° [50C°]***				
MAX AMP DRAW					
208-240V Single Phase	9A	8.7A	8.4A	10.5A	13A
208-240V Three Phase	5.8A	6.1A	5A	6.2A	8.7A
400-480V Three Phase	2A	2A	2A	2.5A	3A
POWER AND CONTROLS					
Power Source	Single Phase 208-240 VAC / Three Phase 208-240 VAC / Three Phase 480 VAC 50/60 Hz				
Control Options	Digital Touchpad, MacroAir Controller 30, AirLynk - BacNet / LonWorks				
INSTALLATION					
Mounting Hardware	Universal Mount Hardware/ Rapid Mount Industrial (opt.)				
Extension	Optional extensions are available in 1ft increments; all drop lengths with UMH require guy wires				
RATINGS AND COMPLIANCE					
Fire and Sprinkler	NFPA Compliant				
Wash Down Duty Rating***	IP65				
Certifications	UL 507				