HUMONGOUSFAN | TECHNICAL SPECIFICATIONS

6-BLADE FANS

Technical Specifications					
Fan Diameter	10 ft.	12 ft.	16 ft.	20 ft.	24 ft.
Number of Airfoils	6 Airfoils				
Color Options	Black Only				
Fan Weight	95 lbs	112 lbs	126 lbs	197 lbs	233 lbs.
Motor Enclosure	Totally Enclosed Fan-Cooled				
Motor Power	0.5 HP			1.5 HP	3.0 HP
Maximum RPM	44 RPM	44 RPM	44 RPM	49 RPM	62 RPM
Sound Level (dBA)**	<57 dBA	<57 dBA	<57 dBA	< 59 dBA	< 59 dBA
CFM	25488	36190	87461	197178	242167
Direct Breeze Region ***	38-42 ft diameter	42 - 48 ft. diameter	56 - 64 ft. diameter	70 - 80 ft. diameter	90 – 100 ft. diameter
Electrical Frequency	60 Hz	60 Hz	60 Hz	55 Hz	50 Hz
Input Power*****	110-120V, 1φ: 9.6 A 208-240V, 1φ: 5.7 A 208-240V, 3φ: 3.9 A 460-480V, 3φ: 1.8 A			208-240V, 1φ: 14.3 A 208-240V, 3φ: 7.8 A 460-480V, 3φ: 4.4 A	208-240V 3φ : 13.6A 460-480V, 3φ :7.8A
Motor Maximum Full Load Amps	208-240V, 3φ: 1.90 A 460-480V, 3φ: 0.95 A			208-240V, 3φ: 4.20 A 460-480V, 3φ: 2.10 A	208-240V, 3φ :6.4A 460-480V, 3φ :3.7A
Minimum Airfoil Clearances	Sides: 2 ft. Ceiling: 3-4 ft.	Sides: 2 ft. Ceiling: 3-4 ft.	Sides: 2ft. Ceiling: 3-4 ft.	Sides: 2 ft. Ceiling 4-6 ft.	Sides: 2ft Ceiling: 6-8 ft
Standard Mount	I-Beam/Z-Purlins/Open Joist				
Extensions	1 ft., 2 ft., 3 ft., and 6 ft. Mounting Extensions Available				
Controller	VFD				
Safety Features	Safety Cable, Hub Clips, Hub Retainer, Dual-Method Fastening of all Joined Components, Integrated Sprinkler Shut-Off				
Warranty	5 Years All Parts				

** dBA measurements taken directly beneath units running at 3/4 speed in an active work environment.
*** For applications in which breeze production/ventilation is the foremost consideration, applies to operation at 1/2 max speed with a clear floor.
**** For applications in which heating/cooling cost reduction is the foremost consideration
***** Regardless of whether the input voltage is 1φ or 3φ, the power to the fan motor will always be 3φ
CFM is tested according to ANSI/AMCA Standard 230-15

SHORT MOUNT - NO EXTENSION – 0.5 HP

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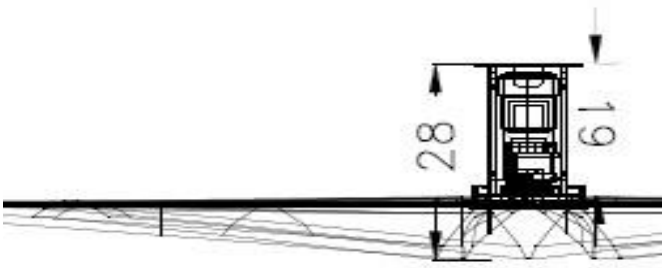
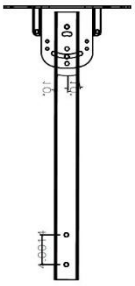
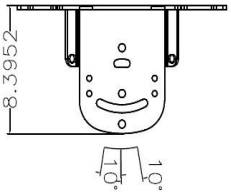


MOUNTING EXTENSION

1',2',3' and 6' Kits Standard, Modifications to Order _





LONG MOUNT - NO EXTENSION – 1.5 TO 3 HP

