



## Technical Specifications (16.0 Ft Epoch/5 Blade)

<b>Category</b>	Fan HVLS INDUSTRIAL Super Efficient Gearless PMSM: 1,300W Power Rating
Motor Type	Permanent Magnet Synchronous Motor, Gearless, Brushless
Motor Insulation Class	Class H
<b>Sweep Size</b>	4900 mm
<b>Length of Down Rod (Without Shackle)</b>	1250 mm
<b>No. of Blades</b>	5
Blade Profile	Airfoil Design
Blade Material	Anodized/ 6061- T6 Aluminum
Blade Struts	Clear Zinc/ High Tesile Steel
Blade Width	187.53 mm
Blade Thickness	2 mm
Blade End Winglets	Nylon
Coverage Radius in Feet	45
Minimum Space from wall in feet	24
Technology	UPF ( Unity Power Factor Correction ) and PMSM ( Permanent Magnet Synchronous Motor)
Max Speed RPM	95
Power Consumption at Max RPM	<1.3 KW
KVA Draw at Max RPM	<1.3 KVA
Input Current (A)	< 8.5 A Peak or 17A Peak to Peak or 6A RMS.
Torque	0 to 140 Nm
Standard Power	180 to 277 V AC, 1 Phase, 50 or 60 Hz
Power Factor at Max RPM	>0.95
Coverage	12,000 sq.ft. (1,114 sq.m)
Air Flow (Cubic ft/ Min)	400,000 to 450,000
Approx. Fan Weight (Kgs. /lbs.)	74/163.2
Sound	<35dB
Height from Floor in mtrs	7 to 8
Operating units Available options	Wired Remote
<b>Safety</b>	Safety Guy wire for motor and for each blade
	Design for UL507 Safety System for Fans
	Designed for UL1004 Safety System for Motors
	Designed for UL60730-2-9 and UL508C Safety System for Drives.
	Fan Mechanical Safety System incorporates Automotive Grade Hub and Guy Wires.
<b>Certifications</b>	All fans should meet the applicable requirements of EU Council Directive 2014/35/EU and the European Standards EN60335-1:2012 & EN60335-2-80: 2003/A2:2009
	UL507: 2017 Ed.10 Electric Fans ETL Listed;
	CSA 22.2#113:2015 Ed.10+U1 Fans and Ventilators ETL Listed;
	Sound Certificate by NABL accredited lab.
<b>Make in India Content</b>	> 70%