



## Technical Specifications (12.0 Ft HX/5 Blade)

<b>Category</b>	Fan HVLS COMMERCIAL Super Efficient Gearless PMSM: less than 400W Power Rating
Motor Type	5- Phase Permanent Magnet Synchronous Motor, Gearless, Brushless
Motor Insulation Class	Class H
<b>Sweep Size</b>	12 Ft. (3.7 m)
<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	123.7 mm
Blade Thickness	1.65 mm
Blade End Winglets	Aluminum
Max Coverage Radius in Feet	33
Minimum Space from wall in feet	12
Technology	5-Phase, Permanent Magnet Synchronous Motor (PMSM)
Max Speed RPM	80
Power Consumption at Max RPM	<0.4 KW
KVA Draw at Max RPM	<0.5 KVA
Input Current (A)	< 4.8 A Peak to Peak or 1.7A RMS;
Torque	> 40 Nm
Standard Power	180-240 VAC single (1) phase 50 or 60 Hz;
Power Factor at Max RPM	0.5
Max Coverage	3,500 sq.ft. (325 sq.m)
Air Flow (Cubic ft/ Min)	265000
Approx. Fan Weight (Kgs./lbs.)	28.6/63
Sound	<50 dB
Height from Floor to Fan	> 10 ft
Operating units Available options	Connection- Wired
Safety	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
	Sound Certificate by NABL accredited lab.
<b>Make in India Content</b>	> 75%