

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

Motor Type	Catagowy	For HVI C COMMEDCIAL Curay Efficient Coopless DMCM, less than 400W Daviey Deting
Motor Insulation Class   Class H	Category	Fan HVLS COMMERCIAL Super Efficient Gearless PMSM: less than 400W Power Rating
Length of Down Rod(Without Shackle)  No. of Blades  Blade Profile  Blade Profile  Blade Profile  Blade Waterial  Blade Struts  Clear Zine/ High Tesite Skeel  Blade Width  Blade Thickness  Blade Rod Winglets  Max Coverage Radius in Peet  Technology  S-Phase, Permanent Magnet Sunctivonous Motor (PMSM)  Max Speed RPM  RVA Draw at Max RPM  KVA Draw at Max RPM  KVA Draw at Max RPM  Torque  Standard Power  Blade Xind Max RPM  As A Peak to Peak or 1,7A RMS;  Yorque  Air Flow (Cubic Rf, Min)  Approx. Fan Weight (Kgs,/lbs.)  Sound  Height from Floor to Pan  Operating units Available options  Certifications  Liss and Alter and Coverage  Alf finan Should meet the applicable requirements of EU Council Directive 2014/355/EU and the European Standards Elonogas Local ze Rod Rod Scale		
Length of Down Rod(Without Shackle)   No. of Blades   5		
Shackle)  No. of Blades  Blade Profile  Blade Material  Anodized/ 6061- Té Aluminum  Blade Struts  Clear Zinc/ High Tesile Steel  Blade Width  123.7 mm  Blade Entickness  Blade Entickness  Blade Entickness  Blade End Winglets  Max Coverage Radius in Feet  Technology  S-Phase, Permanent Magnet Sunchronous Motor (PMSM)  Max Speed RPM  80  Power Consumption at Max RPM  RVA Draw at Max RPM  RVA Draw at Max RPM  Standard Power  Forque  180-240 VAC single (1) phase 50 or 60 Hz;  Power Factor at Max RPM  Air Flow (Cubic fr/ Min)  Approx. Fan Weight (Kgs./lbs.)  Sound  Height from Floor to Fan  Operating units Available options  Certifications  Certifications  All fans should meet the applicable requirements of EU Council Directive 20 14/35/EU and the European Standards EN60335-1:2012 & EN6035-2-80: 2003/A2:2009  Sound Certificate by NABL accredited lab.		12 Ft. (3.7 M)
Blade Profile Blade Material Anodized / 6061- T6 Aluminum  Blade Struts Clear Zinc / High Tesile Steel Blade Width 123.7 mm  Blade Thickness Blade Bind Winglets Aluminum Max Coverage Radius in Feet Minimum Space from wall in feet 12 Technology 5-Phase, Permanent Magnet Sunchronous 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) Avance of the Standard Power 180-240 VAC single (1) phase 50 or 60 Hz; Power Factor at Max RPM -0.5 Air Flow (Cubic fit/ Min) Approx. Fan Weight (Kgs./lbs.) Sound Height from Floor to Fan  Operating units Available options Certifications  Certifications  All fans should meet the applicable requirements of EU Council Directive 2014/35/EU and the European Standards ENGO335-1:2012 & ENGO355-2-80: 2003/A2:2009 Sound Certificate by NABL accredited lab.	Shackle)	1250 mm
Blade Material Blade Struts Clear Zinc/ High Tesile Steel Blade Width Blade Thickness Blade Thickness Blade End Winglets Aluminum Blade Thickness Blade End Winglets Aluminum Max Coverage Radius in Feet 12 Technology S-Phase, Permanent Magnet Sunchronous Motor (PMSM) Max Speed RPM B0 Power Consumption at Max RPM KVA Draw at Max RPM KVA Draw at Max RPM Input Current (A) Standard Power 180-240 VAC single (1) phase 50 or 60 Hz; Power Factor at Max RPM Air Flow (Cubic ft, Min) Approx. Fan Weight (Kgs./lbs.) Sound Height from Floor to Fan Operating units Available options Safety Certifications All Fans should meet the applicable requirements of EU Council Directive 2014/35/EU and the Europea Standard ReMod335-1-280; 2003/A2:2009 Sound Certificate by NABL accredited lab.	No. of Blades	5
Blade Struts  Blade Width  Blade Thickness  Blade End Winglets  Max Coverage Radius in Feet  Technology  S-Phase, Permanent Magnet Sunchronous Motor (PMSM)  Max Speed RPM  Power Consumption at Max RPM  KVA Draw at Max RPM  KVA Draw at Max RPM  Input Current (A)  Standard Power  Torque  180-240 VAC single (1) phase 50 or 60 Hz;  Power Factor at Max RPM  Air Flow (Cubic ft, Min)  Approx. Fan Weight (Kgs./lbs.)  Sound  Height from Floor to Fan  Operating units Available options  Safety  Certifications  Certifications  Certifications  Certifications  Certifications  Connection-tyne Lice Sun	Blade Profile	Airfoil Design
Blade Width Blade Thickness Blade End Winglets Aluminum  Max Coverage Radius in Feet  Technology S-Phase, Permanent Magnet Sunchronous Motor (PMSM)  Max Speed RPM 80  Power Consumption at Max RPM KVA Draw at Max RPM KVA Draw at Max RPM Input Current (A) Standard Power 180-240 VAC single (1) phase 50 or 60 Hz; Power Factor at Max RPM  Air Flow (Cubic R/ Min) Approx. Fan Weight (Kgs./lbs.) Sound Height from Floor to Fan Operating units Available options  Safety  Certifications  All fans should meet the applicable requirements of EU Council Directive 2014/35/EU and the European Standards EN MOS 35-1-2012 & EN603355-2-80: 2003/A2:2009 Sound Certificate by NABL accredited lab.	Blade Material	Anodized/ 6061- T6 Aluminum
Blade End Winglets  Max Coverage Radius in Feet  Minimum Space from wall in feet  Technology  S-Phase, Permanent Magnet Sunchronous Motor (PMSM)  Max Speed RPM  80  Power Consumption at Max RPM  KVA Draw at Max RPM  KVA Draw at Max RPM  Input Current (A)  Standard Power  Standard Power  Power Factor at Max RPM  Max Coverage  3,500 sq.ft. (325 sq.m)  Air Flow (Cubic Rf Min)  Approx. Fan Weight (Kgs./lbs.)  Sound  Height from Floor to Fan  Operating units Available options  Safety  Safety Guy wire for motor and for each blade  Designed for UL507 Safety System for Fans  Designed for UL507 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.  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.	Blade Struts	Clear Zinc/ High Tesile Steel
Blade End Winglets	Blade Width	123.7 mm
Max Coverage Radius in Feet  Technology  S-Phase, Permanent Magnet Sunchronous Motor (PMSM)  Max Speed RPM  80  Power Consumption at Max RPM  KVA Draw at Max RPM  Input Current (A)  Standard Power  Torque  Standard Power  180-240 VAC single (1) phase 50 or 60 Hz;  Power Factor at Max RPM  Air Flow (Cubic ft/ Min)  Approx. Fan Weight (Kgs./lbs.)  Sound  Height from Floor to Fan  Operating units Available options  Safety  Safety  Certifications  All I 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.	Blade Thickness	1.65 mm
Minimum Space from wall in feet  Technology  5-Phase, Permanent Magnet Sunchronous Motor (PMSM)  Max Speed RPM  80  Power Consumption at Max RPM  KVA Draw at Max RPM  Input Current (A)  Standard Power  180-240 VAC single (1) phase 50 or 60 Hz;  Power Factor at Max RPM  Air Flow (Cubic ft/ Min)  Approx. Fan Weight (Kgs./lbs.)  Sound  Height from Floor to Fan  Operating units Available options  Safety  Designed for UL507 Safety System for Fans  Designed for UL5073-2-9 and UL508C Safety System for Drives. Fan Mechanical Safety System incorporates Automotive Grade Hub and Guy Wires.  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.	Blade End Winglets	Aluminum
Technology  S-Phase, Permanent Magnet Sunchronous Motor (PMSM)  80  Power Consumption at Max RPM  (0.4 KW  KVA Draw at Max RPM  (0.5 KVA  Input Current (A)  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)  Approx. Fan Weight (Kgs./lbs.)  Sound  Height from Floor to Fan  Operating units Available options  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.  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.	Max Coverage Radius in Feet	33
Max Speed RPM Power Consumption at Max RPM  KVA Draw at Max RPM Input Current (A)  Standard Power  Standard Power  180-240 VAC single (1) phase 50 or 60 Hz;  Power Factor at Max RPM O.5  Max Coverage 3,500 sq.ft. (325 sq.m)  Air Flow (Cubic ft/Min) Approx. Fan Weight (Kgs./lbs.)  Sound Height from Floor to Fan Operating units Available options  Safety  Safety  Safety  Certifications  Certifications  80  < 4.8 A Peak to Peak or 1.7A RMS;  > 40 Nm  Sumbare	Minimum Space from wall in feet	12
Power Consumption at Max RPM  KVA Draw at Max RPM  Co.5 KVA  Input Current (A)  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.)  Sound  Height from Floor to Fan  Operating units Available options  Safety  Safety  Designed for UL1004 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.  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.	Technology	5-Phase, Permanent Magnet Sunchronous Motor (PMSM)
RVA Draw at Max RPM	Max Speed RPM	80
Input Current (A)	Power Consumption at Max RPM	<0.4 KW
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 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.  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.	KVA Draw at Max RPM	<0.5 KVA
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.)  Sound  450 dB  Height from Floor to Fan  Operating units Available options  Connection- Wired  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.  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.	Input Current (A)	< 4.8 A Peak to Peak or 1.7A RMS;
Power Factor at Max RPM  Max Coverage  3,500 sq.ft. (325 sq.m)  Air Flow (Cubic ft/ Min)  265000  Approx. Fan Weight (Kgs./lbs.)  Sound  Height from Floor to Fan  Operating units Available options  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.  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.	Torque	> 40 Nm
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 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.  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.	Standard Power	180-240 VAC single (1) phase 50 or 60 Hz;
Air Flow (Cubic ft/ Min)  Approx. Fan Weight (Kgs./lbs.)  Sound  Height from Floor to Fan  Operating units Available options  Safety  Safety  Safety  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.  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.	Power Factor at Max RPM	0.5
Approx. Fan Weight (Kgs./lbs.)  Sound  Sound  Height from Floor to Fan  Operating units Available options  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.  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.	Max Coverage	3,500 sq.ft. (325 sq.m)
Sound < 50 dB  Height from Floor to Fan	Air Flow (Cubic ft/ Min)	265000
Height from Floor to Fan > 10 ft  Connection- Wired  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.  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.	Approx. Fan Weight (Kgs./lbs.)	28.6/63
Operating units Available options  Connection-Wired  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.  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.	Sound	<50 dB
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.  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.	Height from Floor to Fan	> 10 ft
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.  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.	Operating units Available options	Connection- Wired
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.  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.	Safety	Safety Guy wire for motor and for each blade
Designed for UL60730-2-9 and UL508C Safety System for Drives.  Fan Mechanical Safety System incorporates Automotive Grade Hub and Guy Wires.  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.		Design for UL507 Safety System for Fans
Fan Mechanical Safety System incorporates Automotive Grade Hub and Guy Wires.  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.		Designed for UL1004 Safety System for Motors
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.		Designed for UL60730-2-9 and UL508C Safety System for Drives.
Certifications  European Standards EN60335-1:2012 & EN60335-2-80: 2003/A2:2009  Sound Certificate by NABL accredited lab.		Fan Mechanical Safety System incorporates Automotive Grade Hub and Guy Wires.
Sound Certificate by NABL accredited lab.	Certifications	
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	Make in India Content	> 75%