



Technical Specifications (6.0 Ft HX/5 Blade)

Category	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
Sweep Size	1800 mm
Length of Down Rod (Without Shackle)	1250 mm
No. of Blades	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	22
Minimum Space from wall in feet	12
Technology	5-Phase, Permanent Magnet Synchronous Motor (PMSM)
Max Speed RPM	200
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	1,500 sq.ft. (139 sq.m)
Air Flow (Cubic ft/ Min)	200000
Approx. Fan Weight (Kgs. /lbs.)	22.7/50
Sound	<50dB
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.
Certifications	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.
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Technical Specifications (8.0 Ft HX/5 Blade)

Category	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
Sweep Size	8 Ft. (2.4 m)
Length of Down Rod(Without Shackle)	1250 mm
No. of Blades	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	26
Minimum Space from wall in feet	12
Technology	5-Phase, Permanent Magnet Synchronous Motor (PMSM)
Max Speed RPM	165
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	2,200 sq.ft. (204 sq.m)
Air Flow (Cubic ft/ Min)	220000
Approx. Fan Weight (Kgs./lbs.)	24.7/54.5
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.
Certifications	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
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Technical Specifications (10.0 Ft HX/5 Blade)

Category	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
Sweep Size	10 Ft. (3 m)
Length of Down Rod (Without Shackle)	1250 mm
No. of Blades	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	30
Minimum Space from wall in feet	12
Technology	5-Phase, Permanent Magnet Synchronous Motor (PMSM)
Max Speed RPM	120
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	2,800 sq.ft. (260 sq.m)
Air Flow (Cubic ft/ Min)	245000
Approx. Fan Weight (Kgs. /lbs.)	26.8/59
Sound	<50dB
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.
Certifications	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
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Technical Specifications (12.0 Ft HX/5 Blade)

Category	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
Sweep Size	12 Ft. (3.7 m)
Length of Down Rod(Without Shackle)	1250 mm
No. of Blades	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.
Certifications	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
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Technical Specifications (14.0 Ft HX/5 Blade)

Category	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
Sweep Size	14 Ft. (4.3 m)
Length of Down Rod (Without Shackle)	1250 mm
No. of Blades	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	36
Minimum Space from wall in feet	12
Technology	5-Phase, Permanent Magnet Synchronous Motor (PMSM)
Max Speed RPM	60
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	4,000 sq.ft. (372 sq.m)
Air Flow (Cubic ft/ Min)	290000
Approx. Fan Weight (Kgs. /lbs.)	29.5/65
Sound	<50dB
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.
Certifications	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
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Technical Specifications (16.0 Ft HX/5 Blade)

Category	Fan HVLS COMMERCIAL Super Efficient Gearless PMSM: less than 550W Power Rating
Motor Type	5- Phase Permanent Magnet Synchronous Motor, Gearless, Brushless
Motor Insulation Class	Class H
Sweep Size	16 Ft. (4.9 m)
Length of Down Rod (Without Shackle)	1250 mm
No. of Blades	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	62.5
Minimum Space from wall in feet	24
Technology	5-Phase, Permanent Magnet Synchronous Motor (PMSM)
Max Speed RPM	55
Power Consumption at Max RPM	<0.55 KW
KVA Draw at Max RPM	<1.1 KVA
Input Current (A)	< 4.8 A Peak to Peak or 1.7A RMS;
Torque	> 90 Nm
Standard Power	180-240 VAC single (1) phase 50 or 60 Hz;
Power Factor at Max RPM	0.5
Max Coverage	12,200 sq.ft. (1,134 sq.m)
Air Flow (Cubic ft/ Min)	315000
Approx. Fan Weight (Kgs./lbs.)	45/99
Sound	<50dB
Height from Floor to Fan	> 10 ft
Operating units Available options	Connection- Remote 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.
Certifications	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.
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