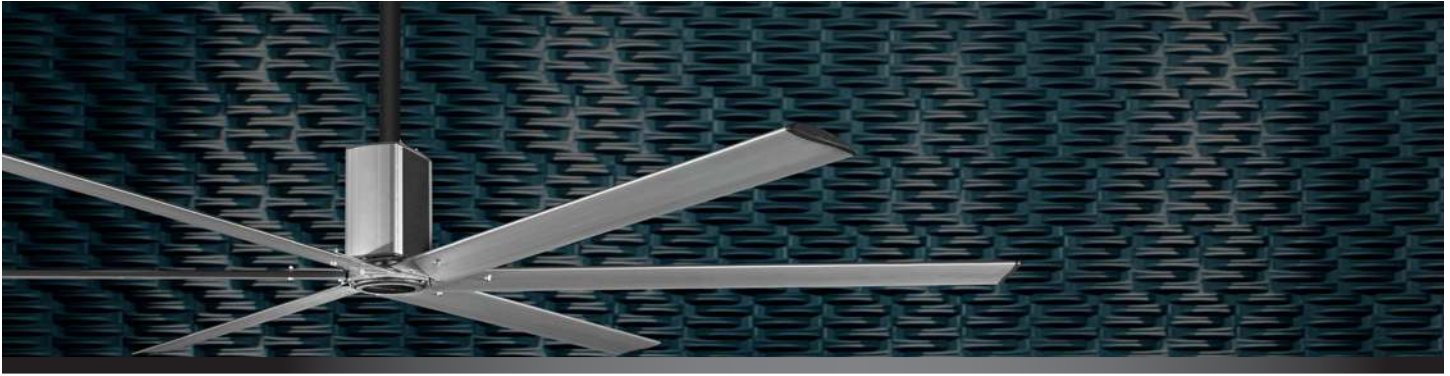


AIRSTAR/8

8 ft. Fan
Model No. MA08XL1606



GENERAL

Model Number	MA08XL1606
Diameter	8 FT / 2.44 Meters
Blade Style	XL
Number of Blades	6
Nominal Horsepower	0.167 HP / 0.124 kW
Hanging Weight (average)	135 lbs / 61 Kg
Shipping Weight	230 lbs / 104.3 Kg
Power Unit Pallet Dimensions / Weight	26" X 30" X 23" / 135 lbs / 0.66 X 0.76 X 0.58 Meters / 61.2 Kg
Blade Pallet Dimensions / Weight	72" X 25" X 15" / 95 lbs / 1.8 X 0.63 X 0.38 Meters / 43.1 Kg

PERFORMANCE (AT MAX SPEED)

Thrust	8 lbf
Displacement (fwd, blowing down)	35,242 CFM / 997.4 CMM
Displacement (rev, blowing up)	17,621 CFM / 498.7 CMM
Maximum Speed	118 RPM
Power Usage @ Max. Speed	0.1 kW
Efficiency @ 100% Max. Speed	352.42 CFM/Watt / 9.97 CMM/Watt
Maximum Effective Area	1,024 SQ FT / 95.13 m ²
Typical Industrial Spacing	32 FT / 9.75 Meters
Sound Level @ Max. Speed	40 dB*

MOUNTING HARDWARE

Standard Mount	Fully Adjustable rigid mount with I-Beam Clamp. 9.5" drop w/o extension
Glulam Mount (Optional)	Fully Adjustable rigid mount with Glulam bracket. 9.5" drop w/o extension
Additional Drop Extensions (Optional)	Up to 2 FT in 1 FT Increments

MOTOR

Power	0.167 HP / 0.124 kW
Ambient Operating Temperature	50C°
Insulation Class	F8
Service Factor	1.25

GEARBOX

Type	Sealed 2-Stage Helical
Service Interval	Lubed For Life

VARIABLE FREQUENCY DRIVE (VFD)

Standard Power and Max Amp Draw	120V, 208-240V 1Ø (11.6A), 208-240V 3Ø (6.7A)
Remote Control Wall Mounted Switch NEMA 4X	Fwd/Off/Rev w/Speed Control Knob
RF Line Filter	Built In VFD
Remote Cable	100 Feet / 30.5 Meters
Options	50-60Hz Operation
Special Wiring (Variable Speed Model Only)	Thermostats, fire alarm interface, VESDA, networking etc. (Consult Factory)
Fire Disconnect	Yes, with touchpad remote only.
Network Controller	Yes
Extension Restrictions	Up to 2 ft with no guy wires. Over 2 ft with guy wires has no max length

SAFETY COMPONENTS

Blade Retainer Links (6), Safety Cable, Guy Wires (Ceiling mount only), Patented Inter-Locking Hub

WARRANTY

12 Year** Service Life Warranty on Motor, Gearbox & Control Panel.
Lifetime on Blades, Hub & Mounting System.

*dB values were obtained by testing. Specific applications/installation values may vary.
**Labor allowance to remove and replace in 1st year.
Contact MacroAir for full warranty details. Specifications are subject to change.



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