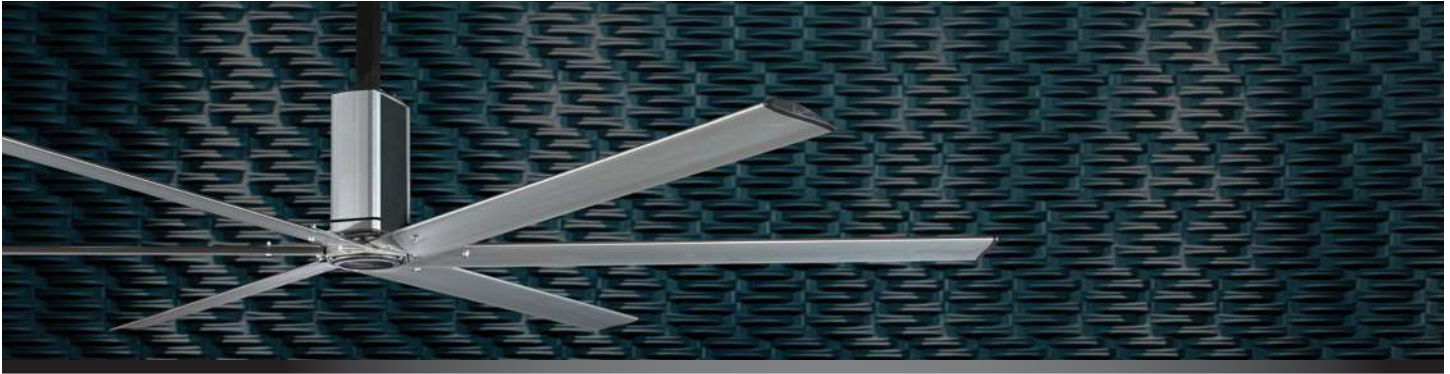


AIRELITE/14

14 ft. Commercial Fan
Model No. MA14XL0506



GENERAL

Model Number..... MA14XL0506
Diameter 14 FT / 4.25 Meters
Blade Style XL
Number of Blades 6
Nominal Horsepower 0.5 HP / 0.372 kW
Hanging Weight 177 lbs / 80.3 Kg
*Add 5 lbs per foot of extension used for installation
Shipping Weight..... 280 lbs / 127.0 Kg
Power Unit Pallet Dimensions / Weight
26" X 30" X 26" / 160 lbs / 0.66 X 0.76 X 0.66 Meters / 72.6 Kg
Blade Pallet Dimensions / Weight
96" X 25" X 15" / 120 lbs / 2.4 X 0.63 X 0.38 Meters / 55.4 Kg

PERFORMANCE (AT MAX SPEED)

Thrust 26 FT lbs
Displacement (fwd, blowing down) 111,180 CFM / 3,146 CMM
Displacement (rev, blowing up) 84,450 CFM / 2,390 CMM
Maximum Speed 90 RPM
Power Usage @ Max. Speed 0.3 kW
Efficiency @ 100% Max. Speed 370.60 CFM/Watt / 10.49 CMM/Watt
Maximum Effective Area 8,400 SQ FT / 780.38 m²
Typical Industrial Spacing 65 FT / 19.81 Meters
Sound Level @ Max. Speed 50 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 0.5 HP / 0.372 kW
Max Operating Temperature..... 40C°
Insulation Class..... F
Service Factor 1.15

GEARBOX

Type Sealed 2-Stage Helical w/ Pressure Relief Valve
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 (Universal 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.

