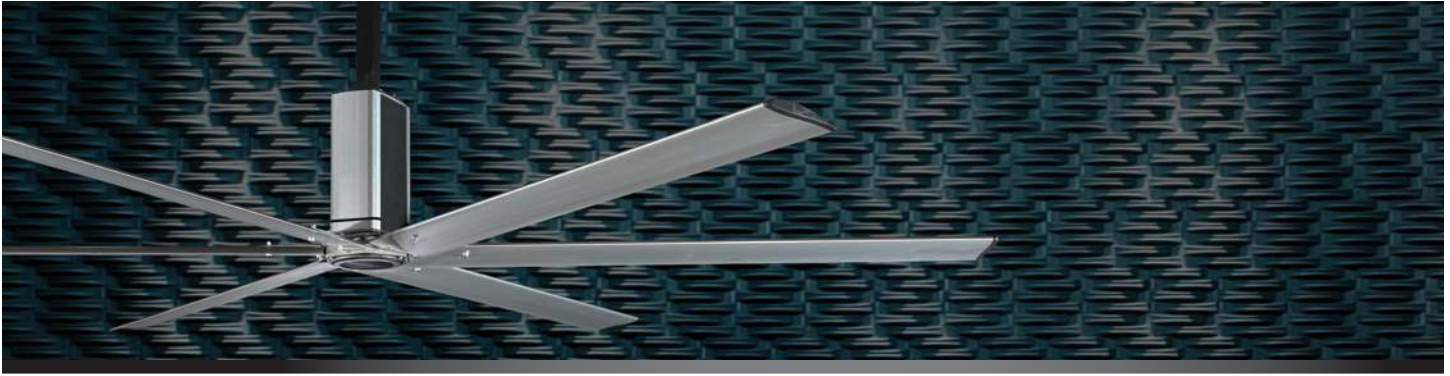


# AIRELITE/18

18 ft. Commercial Fan  
Model No. MA18XL0506



## GENERAL

Model Number..... MA18XL0506  
Diameter ..... 18 FT / 5.49 Meters  
Blade Style ..... XL  
Number of Blades ..... 6  
Nominal Horsepower ..... 0.5 HP / 0.372 kW  
Hanging Weight ..... 191 lbs / 86.6 Kg  
\*Add 5 lbs per foot of extension used for installation  
Shipping Weight..... 300 lbs / 136.1 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  
108" X 25" X 15" / 140 lbs / 2.7 X 0.63 X 0.38 Meters / 63.5 Kg

## PERFORMANCE (AT MAX SPEED)

Thrust ..... 33 FT lbs  
Displacement (fwd, blowing down) ..... 158,590 CFM / 4,488 CMM  
Displacement (rev, blowing up) ..... 122,750 CFM / 3,474 CMM  
Maximum Speed ..... 66 RPM  
Power Usage @ Max. Speed ..... 0.3 kW  
Efficiency @ 100% Max. Speed ..... 528.63 CFM/Watt / 14.96 CMM/Watt  
Maximum Effective Area ..... 12,000 SQ FT / 1,114 m<sup>2</sup>  
Typical Industrial Spacing ..... 80 FT / 7.43 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.

