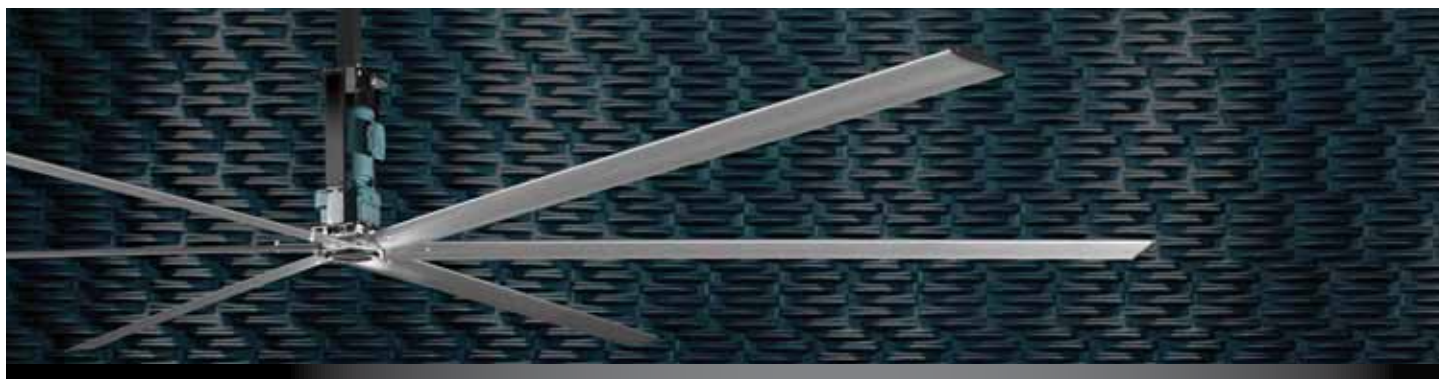


AIRSPAN/20

20 ft. 1.5HP Fan
Model No. MA20XL1506



GENERAL

Model Number	MA20XL1506
Diameter	20 FT / 6.07 Meters
Blade Style	XL
Number of Blades	6
Nominal Horsepower	1.5 HP / 1.125 kW
Hanging Weight (average)	217 lbs / 98.4 Kg
Shipping Weight (Including MCP, Mounting Hardware) (average)	388 lbs / 175.9 Kg
Power Unit Pallet Dimensions / Weight 26" X 30" X 33.5" / 246 lbs / 0.66 X 0.76 X 0.85 Meters / 111.58 Kg	
Blade Pallet Dimensions/Weight 120" X 25" X 15" / 152 lbs / 3.0 X .63 X .38 Meters / 69.1 Kg	

PERFORMANCE (AT MAX SPEED)

Thrust	81.0 lbf
Displacement (fwd, blowing down)	237,231 CFM / 6717.6 CMS
Displacement (rev, blowing up)	166,062 CFM / 4702.4 CMS
Maximum Speed	70 RPM
Power Usage @ Max. Speed	1.032 kW
Efficiency @ 100% Max. Speed	306.51 CFM/Watt / 9.28 CMS/Watt
Maximum Effective Area	18,000 SQ FT 1673.3 m ²
Typical Industrial Spacing	100 FT / 30.48 Meters
Maximum dB	61*

MOUNTING HARDWARE

Standard Mount	Universal I-Beam Clamp w/ Swivel Joint and a 7.5" Drop
Glulam Mount (Optional)	Brackets w/ Swivel Joint & 7.5" Drop
Extra Wide / Thick I-Beam Mount (Optional)	Upon Request
Additional Drop Extensions (Optional)	Up to 10 FT in 1 FT Increments

MOTOR

Power	1.5 HP / 1.125 kW
Ambient Operating Temperature	56C°
Insulation Class	F
Service Factor	1.25

GEARBOX

Type	2-Stage Helical
Service Interval	Lubed For Life

MOTOR CONTROL PANEL (MCP)

Standard Power and Max Amp Draw	120V, 208-240V 1Ø (11.6A), 208-240V 3Ø (6.7A), 460-480V 3Ø (3.5A)
Enclosure	NEMA 1
Disconnect Switch	20-25 Amp, Lockable
Remote Control Wall Mounted Switch NEMA 4X	Fwd/Off/Rev w/Speed Control Knob
RF Line Filter	Built In VFD
VFD Motor Drive Cable	25 Feet / 7.62 Meters
Remote Cable	100 Feet / 30.48 Meters
Options	NEMA 4/ 4x Enclosure, 50hz Operation, Line Reactor
Special Wiring (Variable Speed Model Only)	Thermostats, fire alarm interface, VESDA, networking etc. (Consult Factory)

SAFETY COMPONENTS

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

WARRANTY

12 YRS* on Motor, Gearbox & Control Panel.
Limited 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.

MacroAir
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Application Specific Equipment