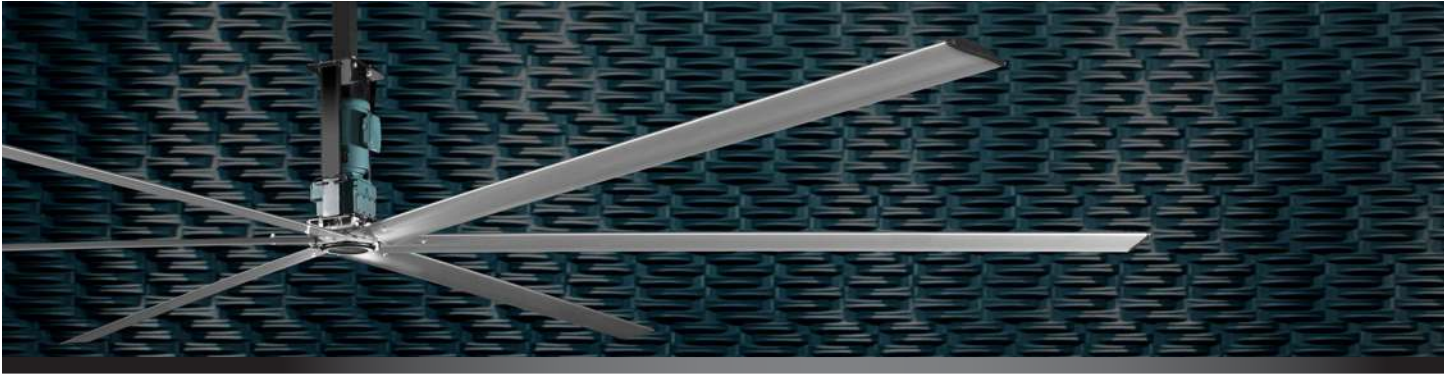


AIRSPAN/20

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) 375 lbs / 170.1 Kg
Power Unit Pallet Dimensions / Weight
26" X 30" X 31" / 225 lbs / 0.66 X 0.76 X 0.79 Meters / 102.1 Kg
Blade Pallet Dimensions / Weight
120" X 25" X 15" / 150 lbs / 3.0 X 0.63 X 0.38 Meters / 68.0 Kg

PERFORMANCE (AT MAX SPEED)

Thrust 81.0 lbf
Displacement (fwd, blowing down) 237,231 CFM / 6,713.6 CMM
Displacement (rev, blowing up) 166,062 CFM / 4,699.6 CMM
Maximum Speed 70 RPM
Power Usage @ Max. Speed 1.03 kW
Efficiency @ 100% Max. Speed 230.32 CFM/Watt / 6.52 CMM/Watt
Maximum Effective Area 18,000 SQ FT 1,673.3 m²
Typical Industrial Spacing 100 FT / 30.48 Meters
Sound Level @ Max. Speed 61 dB*

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 40C°
Insulation Class B
Service Factor 1.25

GEARBOX

Type Sealed 2-Stage Helical w/ Pressure Relief Valve
Service Interval Lubed For Life

MOTOR CONTROL PANEL (MCP)

Standard Power and Max. Amp Draw 208-240V 1Ø (11.6A), 208-240V 3Ø (6.7A), 460-480V 3Ø (3.5A), 600V 3Ø
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, 50-60Hz 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 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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