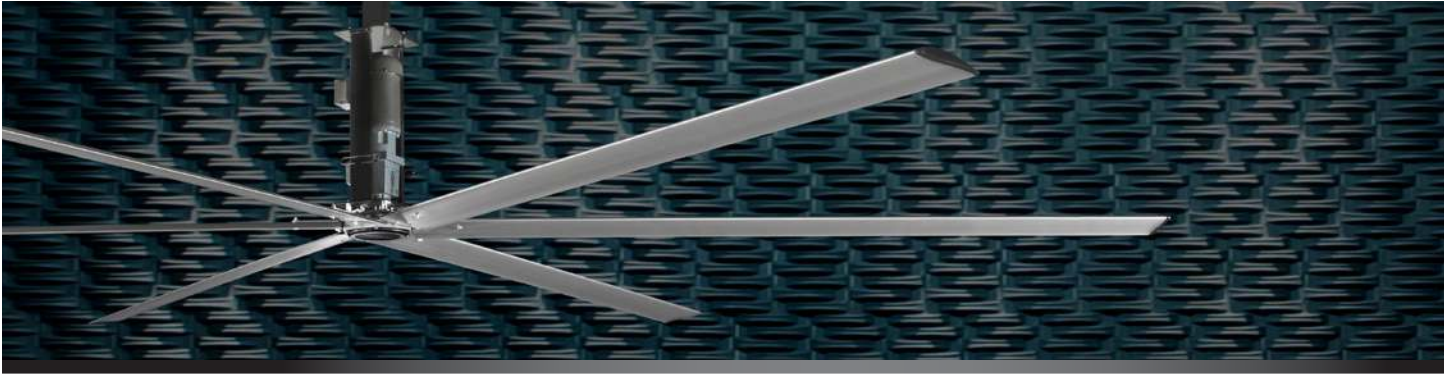


AIRVOLUTION/10

10 ft. 1HP Fan
Model No. MA10XL1006



GENERAL

Model Number MA10XL1006
 Diameter 10 FT / 3.05 Meters
 Blade Style XL
 Number of Blades 6
 Nominal Horsepower 1.0 HP / 0.75 kW
 Hanging Weight (average) 181 lbs / 82.1 Kg
 Shipping Weight (Including MCP, Mounting Hardware) (average) 325 lbs / 147.4 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
 72" X 25" X 15" / 100 lbs 1.8 X 0.63 X 0.38 Meters / 45.4 Kg

PERFORMANCE (AT MAX SPEED)

Thrust 19.7 lbf
 Displacement (fwd, blowing down) 83,082 CFM / 2,351.2 CMM
 Displacement (rev, blowing up) 58,118 CFM / 1,644.7 CMM
 Maximum Speed 144 RPM
 Power Usage @ Max. Speed 0.56 kW
 Efficiency @ 100% Max. Speed 148.36 CFM/Watt / 4.20 CMM/Watt
 Maximum Effective Area 6,000 SQ FT / 557.4 m²
 Typical Industrial Spacing 60 FT / 18.29 Meters
 Sound Level @ Max. Speed 58 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 1.0 HP / 0.75 kW
 Ambient 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

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), 600V 3Ø (1.6A)
 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)
 Fire Disconnect Yes
 Network Controller Yes
 Extension Restrictions No Max

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.

