



GENERAL

| | |
|---|--------------------|
| Model Number..... | MA08XL0506 |
| Diameter | 8 FT / 2.43 Meters |
| Blade Style | XL |
| Number of Blades | 6 |
| Nominal Horsepower | 0.5 HP / 0.372 kW |
| Hanging Weight | 156 lbs / 70.8 Kg |
| *Add 5 lbs per foot of extension used for installation | |
| Shipping Weight..... | 255 lbs / 115.7 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 | |
| 72" X 25" X 15" / 95 lbs / 1.8 X 0.63 X 0.38 Meters / 43.1 Kg | |

PERFORMANCE (AT MAX SPEED)

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|--|-------------------------------------|
| Thrust | 17 FT lbs |
| Displacement (fwd, blowing down) | 48,200 CFM / 1,364 CMM |
| Displacement (rev, blowing up) | 35,240 CFM / 997 CMM |
| Maximum Speed | 179 RPM |
| Power Usage @ Max. Speed | 0.3 kW |
| Efficiency @ 100% Max. Speed | 160.67 CFM/Watt / 4.55 CMM/Watt |
| Maximum Effective Area | 3,600 SQ FT / 334.45 m ² |
| Typical Industrial Spacing | 50 FT / 15.24 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.

