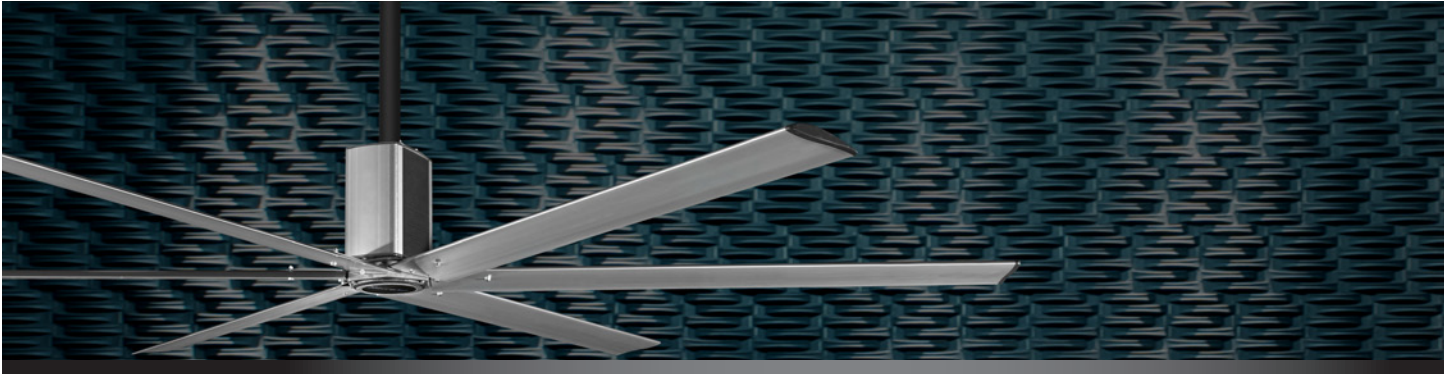


AIRSTAR/12

12 ft. Fan
Model No. MA12XL1606



GENERAL

| | |
|---------------------------------------|---|
| Model Number | MA12XL1606 |
| Diameter | 12 FT / 3.66 Meters |
| Blade Style | XL |
| Number of Blades | 6 |
| Nominal Horsepower | 0.167 HP / 0.124 kW |
| Hanging Weight (average) | 150 lbs / 68 Kg |
| Shipping Weight | 240 lbs / 108.9 Kg |
| Power Unit Pallet Dimensions / Weight | 26" X 30" X 23" / 135 lbs / 0.66 X 0.76 X 0.58 Meters / 61.2 Kg |
| Blade Pallet Dimensions / Weight | 72" X 25" X 15" / 105 lbs 1.8 X 0.63 X 0.38 Meters / 47.6 Kg |

PERFORMANCE (AT MAX SPEED)

| | |
|----------------------------------|-------------------------------------|
| Thrust | 9 lbf |
| Displacement (fwd, blowing down) | 45,300 CFM / 1,282 CMM |
| Displacement (rev, blowing up) | 24,920 CFM / 705.2 CMM |
| Maximum Speed | 60 RPM |
| Power Usage @ Max. Speed | 0.07 kW |
| Efficiency @ 100% Max. Speed | 647.14 CFM/Watt / 18.31 CMM/Watt |
| Maximum Effective Area | 2,300 SQ FT / 213.68 m ² |
| Typical Industrial Spacing | 48 FT / 14.64 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 | 0.167 HP / 0.124 kW |
| Ambient Operating Temperature | 50C° |
| Insulation Class | F8 |
| Service Factor | 1.25 |

GEARBOX

| | |
|------------------|------------------------|
| Type | Sealed 2-Stage Helical |
| 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 (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.

