



GENERAL

Model Number(s)	
MA06XL3806	[Variable Speed with Fan Cage]
MA06XL3806-NG	[Variable Speed with No Fan Cage]
MA06XL3806-SS	[Single Speed with Fan Cage]
MA06XL3806-SSNG	[Single Speed with No Fan Cage]
Diameter	6 FT / 1.83 Meters
Blade Style	XL
Number of Blades	6
Nominal Horsepower	0.375 HP / 0.280 kW
Hanging Weight	[+70 LBS for Cage Models] 201 lbs / 91.2 Kg
Shipping Weight (Including MCP, Mounting Hardware and Screen)	413 lbs / 187.3 Kg

PERFORMANCE (AT MAX SPEED)

Thrust	10.0 lbf
Displacement (fwd, blowing down)	26,432 CFM / 748.5 CMS
Displacement (rev, blowing up)	20,686 CFM / 585.8 CMS
Maximum Speed	204 RPM
Power Usage @ Max. Speed	265 kW
Efficiency @ 100% Max. Speed	148.68 CFM/Watt / 4.21 CMS/Watt
Maximum Effective Area	100 FT x 20 FT / 30.48 Meters x 6.10 Meters
Typical Industrial Spacing	45 FT / 13.7 Meters
Typical Dairy Spacing	50 FT / 15.29 Meters

MOUNTING HARDWARE

Standard Wall Mount	Black Powder Coat / 35° Horizontal Adjustment and 45° Vertical Adjustment
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MOTOR

Power	0.375 HP / 0.280 kW
Ambient Operating Temperature	40C°
Insulation Class	F

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 / 17.6 Meters
Remote Cable	100 Feet / 38.5 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)

LINE STARTER / CIRCUIT BREAKER (SS MODELS)

Lockable Disconnect with load protection & On/Off	Starter Button
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SAFETY COMPONENTS

Blade Retainer Links (6) (NG models only), 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.

*Labor Allowance to Remove and Replace in 1st Year
Contact MacroAir for full Warranty Details. Specifications are subject to change.

