

## Item # MRE18-TMH, Long Life AC Axial Fan

Web Price \$309.40



### Long Life AC Axial Fan

The MRE Series long-life fans have an expected life of 100,000 hours.

- High efficiency
- Low noise
- Alarm type
- Works with common Inverters to allow for variable speed
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### LEAD TIME

Lead Time <sup>1</sup>	1 ~ 10 pcs 07/10/2015
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<sup>1</sup> Quoted Ship Date for orders placed before 12:00pm PST in quantities listed.

### SPECIFICATIONS

Fan Type	Axial Fan
Frame Size	7.09 in
Thickness	3.54 in.
Power Supply	Three-Phase 200/220/230 VAC
Frequency	50 Hz 60 Hz
Current	0.24 A [200 VAC, 50 Hz] 0.25 A [200/220 VAC, 60 Hz] 0.26 A [230 VAC, 60 Hz]
Function	Low Speed Alarm - Electronic
Connection Type	Terminal Box

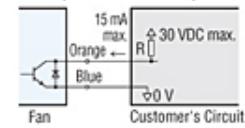
Speed (r/min)	2850 [200 VAC, 50 Hz] 3300 [200 VAC, 60 Hz] 3350 [220/230 VAC, 60 Hz]
Max. Air Flow	388 CFM [200 VAC, 50 Hz] 452 CFM [200/220/230 VAC, 60 Hz]
Max. Static Pressure	0.786 inH <sub>2</sub> O [200 VAC, 50 Hz] 0.982 inH <sub>2</sub> O [200/220/230 VAC, 60 Hz]
Noise Level	56 dB (A) [100 VAC, 50 Hz] 60 dB (A) [100 VAC, 60 Hz] 61 dB (A) [110/115 VAC, 60 Hz]
RoHS Compliant	These products do not contain substances that exceed the regulation values in the RoHS Directive.
Safety Standards	UL CSA EN CE
CE Marking	Low Voltage Directives
Dielectric Strength	Sufficient to withstand 1.5 kV at 50Hz applied between the windings and the frame for 1 minute under normal ambient temperature and humidity.
Temperature Rise	54°F (30°C) or less measured by the thermometer method after the temperature of the case has stabilized after continuous operation under normal ambient temperature and humidity.
Thermal Class	UL/CSA standards: 105 (A), EN standards: 120 (E)
Overheat Protection	Built-in thermal protector (automatic return type) Open: 248°F ± 9°F (120°C ± 5°C), Close: 170.6°F ± 27°F (77°C ± 15°C)
Ambient Temperature Range	-4°F ~ 140°F (-20°C ~ 60°C)
Ambient Humidity	85% or less (noncondensing)

## ALARM SPECIFICATIONS

Alarm Type	Electronic
Alarm Activation Speed	1800 ± 300 r/min
Output Mode	Open-collector output
Output Condition	Normal operation: L level (Internal transistor ON) Alarm output: H level (Internal transistor OFF)
Maximum Rating	Maximum Applied Voltage: 30 VDC max. Maximum Inflow Current: 15 mA max.
Delay Function	None (External delay circuit is required to prevent alarm detection when starting the fan. The delay time should be 10 sec. min.)

Circuit Connection

●Example of Alarm Output Circuit Connection



Circuit Connection