

Item # MRE18-TAHG, Long Life Axial Flow Fan
Web Price QUOTE



Long Life Axial Flow Fan

This product is no longer offered by Oriental Motor, please contact your local sales office.

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LEAD TIME

Available to Ship ¹	This product has been discontinued, please contact your local sales office for a replacement.
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¹ Quoted Ship Date for orders placed before 12:00pm PST in quantities listed.

SPECIFICATIONS

Fan Type	Axial Flow
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 - Contact: OFF
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 ₂ O [200 VAC, 50 Hz] 0.982 inH ₂ 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	Yes
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	Contact
Alarm Activation Speed	1800 ± 300 r/min
Output Mode	Relay output
Output Condition	Normal operation: Contact OFF Alarm output: Contact ON
Maximum Rating	Contact capacity Resistive load max. 10 VA (max. 100 V/max. 0.5 A) Minimum load 5 VDC 1 mA (Design your circuit to operate at 0.5 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	Circuit Connection