

**Oriental Motor U.S.A. Corp.**

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[www.orientalmotor.com](http://www.orientalmotor.com)[All Categories](#) > Item # MRE18-TAHG[larger image](#)**Item # MRE18-TAHG, Long Life Axial Flow Fan**[Web Price QUOTE](#)

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

[Lead Time](#) · [Specifications](#) · [Alarm Specifications](#)**Lead Time****Available to Ship<sup>1</sup>**

This product has been discontinued, please contact your local sales office for a replacement.

<sup>1</sup> Quoted Ship Date for orders placed before 12:00pm PST in quantities listed.

**Specifications**

<b>Fan Type</b>	Axial Flow
<b>Frame Size</b>	180 mm
<b>Thickness</b>	90 mm
<b>Power Supply</b>	Three-Phase 200/220/230 VAC
<b>Frequency</b>	50 Hz 60 Hz
<b>Current</b>	0.24 A [200 VAC, 50 Hz] 0.25 A [200/220 VAC, 60 Hz] 0.26 A [230 VAC, 60 Hz]
<b>Function</b>	Low Speed Alarm - Contact: OFF
<b>Connection Type</b>	Terminal Box
<b>Speed (r/min)</b>	2850 [200 VAC, 50 Hz] 3300 [200 VAC, 60 Hz] 3350 [220/230 VAC, 60 Hz]
<b>Max. Air Flow</b>	11 m <sup>3</sup> /min [200 VAC, 50 Hz] 12.8 m <sup>3</sup> /min [200/220/230 VAC, 60 Hz]
<b>Max. Static Pressure</b>	196 Pa [200 VAC, 50 Hz] 245 Pa [200/220/230 VAC, 60 Hz]
<b>Noise Level</b>	56 dB (A) [100 VAC, 50 Hz] 60 dB (A) [100 VAC, 60 Hz] 61 dB (A) [110/115 VAC, 60 Hz]
<b>RoHS Compliant ?</b>	Yes
<b>Safety Standards ?</b>	UL CSA EN CE

<b>CE Marking ?</b>	Low Voltage Directives
<b>Dielectric Strength</b>	Sufficient to withstand 1.5 kV at 50Hz applied between the windings and the frame for 1 minute under normal ambient temperature and humidity.
<b>Temperature Rise</b>	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.
<b>Thermal Class</b>	UL/CSA standards: 105 (A), EN standards: 120 (E)
<b>Overheat Protection</b>	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)
<b>Ambient Temperature Range</b>	-4°F ~ 140°F (-20°C ~ 60°C)
<b>Ambient Humidity</b>	85% or less (noncondensing)

**Alarm Specifications**

<b>Alarm Type</b>	Contact
<b>Alarm Activation Speed</b>	1800 ± 300 r/min
<b>Output Mode</b>	Relay output
<b>Output Condition</b>	Normal operation: Contact OFF Alarm output: Contact ON
<b>Maximum Rating</b>	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.)
<b>Delay Function</b>	None (External delay circuit is required to prevent alarm detection when starting the fan. The delay time should be 10 sec. min.)
<b>Circuit Connection</b>	<a href="#">Circuit Connection</a>

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