Cooling Fans

Thermostat
Fan Thermostat

Automatically performs ON and OFF fan control in accordance with the temperature fluctuation inside the equipment. This helps improve the equipment’s "environmental" performance relative to energy savings, noise reduction, etc. They are more affordable and easier to use than conventional products.

- Increased Operating Temperature Accuracy and Reset Temperature Accuracy

**Features**

Using a thermostat with a fan provides ON/OFF control of the fan in accordance with the thermostat’s set temperature, resulting in reduced power consumption.

- **Compact Design**
  Width 33 mm (1.30 in.) × Height 70 mm (2.76 in.) × Thickness 42.5 mm (1.67 in.)

- **Optimal Air Circulation Design**
  Because the slit area is large, it is easier to detect the air around a built-in temperature detection unit, resulting in stable operation.

- **Easy Setting**
  No need for tools thanks to the thumb dial

- **Conforms to DIN Rail**

**Product Line**

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<th>Product Name</th>
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<tr>
<td>Fan Thermostat AM2-XA1</td>
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The following items are included with each product:
Thermostat, Operating Manual

For details on this product please refer to our website.  
www.orientalmotor.com/catalog
Operation Flow (Example)

Fan Thermostat AM2-XA1
When the fan activation temperature is set to 40°C (104°F), and the fan turns ON due to temperature rise inside the enclosure.

Operation Example
Example) When using a fan thermostat
- When the temperature inside the control box reaches the thermostat’s set temperature, the contact turns ON and the fan operates.
- The interior of the control box is cooled, and when the temperature falls below the thermostat’s set temperature, the contact turns OFF and the fan stops.

Power Consumption Comparison
- Fan in constant operation
- Fan in combination with thermostat operating intermittently

For details (specifications, characteristics, dimensions and others) on these products please refer to either to our website, contact technical support or your nearest Oriental Motor sales office.

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