

0-40 °C Electronic Thermostat with LCD Display

USER INSTRUCTIONS

Model: THAT040E

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1. Important Safety Instructions

• ***Prior to installing and operating this controller device, read the instructions carefully and retain for future reference.***

- Indoor use only.
- Ensure the rated voltage is **220-240V**.
- Do not remove plug from power socket by pulling the power cord. Always grip plug.
- Do not operate this appliance if the power cord or plug becomes damaged.
- Do not immerse in liquid, as this could create an electric shock hazard.
- Do not reach for an appliance that has fallen into water. Switch off at supply and unplug immediately.
- Do not operate appliance with wet hands. Always ensure hands are dry before operating or adjusting any switch on the product or touching the plug and mains supply connections.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

2. Specification Data

- Rating: 220-240V ~ 50Hz, 9A IP20
- Maximum load Wattage: 2200W (9 amp).
- Environmental temperature: below 40 degree C.
- Range of pre set temperature is from 0.0 to 40.0 degrees C.
- Dimensions of controller box: 115mm x 90mm x 45mm
- Sensor cord length: 890mm
- AC power cord length: 1.6m

3. Controller Guide

1. Sensor Temperature
2. Setting Temperature
3. Down Button
4. Up Button
5. Set Button
6. AC Socket
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8. Sensor Cord

4. General

The THAT040E thermostat is designed to operate a heating device up to 9A at a controlled temperature.

The heating device is simply plugged into the thermostat and the desired temperature is set. The LCD

display shows both the actual temperature at the sensor and the desired set temperature.

The sensor measures the temperature in the first 10mm of the tip, and it is very important to locate the sensor as close as possible to the area you wish to heat. For example for reptiles sensor location should be

at floor level; for birds sensor location should be at normal roosting height, and for plant propagation the

sensor should be put into the soil at root depth.

Once the unit is turned on with the heater plugged in and the desired temperature set, you will notice the

sensor temperature will start to increase until it reaches the set temperature. At this stage, the thermostat

will maintain the set and sensor temperatures within 1 degree C.

5. Operations Instructions

- Plug heater into the thermostat, then plug thermostat into power point and turn on.
- When the unit is plugged in, a “beep” sound will be heard.
- To change the set temperature, press the “set” button. The set display will start to blink. Press the “up” or “down” button until the desired set temperature is displayed. Press the “set” button again to confirm. After 10 seconds, the set temperature will be locked in. To set a new temperature, repeat the above steps. The “up” and “down” buttons do not work, if the “set” button is not pressed first.
- “E1” will be displayed when the cord of the sensor (pin) is short circuited. “E2” will be displayed when the cord of the sensor (pin) is broken. Power supply to the outlet will stop.
- Before removing plug from thermostat, always turn off power at the power point.