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Heat Mat Thermostat

Instruction Manual



Technical Specifications

- Temperature control range: 5°C–42°C (41°F–108°F)
- Temperature display range: 0°C–60°C (32°F–140°F)
- Display in one degree increments
- 1.5m lead for thermostat probe
- 230V input and output voltage
- 1.5m lead for British plug
- Maximum load: 1000W
- Maximum amps: 4.5A
- 1m lead for socket



Setting up the Thermostat for use with a Vitopod / Geopod / Humidity Dome

1. Connect the plug of the Vitopod/Geopod or the Heat Mat of the humidity dome to the socket on the thermostat – use the base of your thumb to click the plug into place and connect the earth pin (the top one) into the socket first. Connect the plug from the thermostat into your mains socket.
2. Feed the temperature sensor wire through one of the vents.
3. Place the temperature sensor in the Vitopod/Geopod/Humidity Dome at least 1 inch (2.5cm) from the sides and base of the Vitopod. **DO NOT push the temperature sensor into soil/compost and do not have it touching the base.**
4. When plugged in, the figure displayed is the current temperature registered by the probe.
5. Press the **SET** button once to display the current 'pre-set' temperature.
6. Press and hold the **SET** button for 3 seconds to enter the temperature selection mode. Press the **▲ UP** or **▼ DOWN** arrow buttons to adjust the temperature. The thermostat's LED screen shows the numbers as you cycle through them. Press the **SET** button again to set the chosen temperature.

The heating LED diode illuminates when the base is in the process of heating. When the LED diode is not lit, the base isn't providing heat. The LED diode turns off automatically when the base reaches the pre-set temperature.
7. Press and hold the **▼ DOWN** arrow button for 3 seconds to display the temperature in Celsius. Press and hold the **▲ UP** arrow to display the temperature in Fahrenheit.

Setting up the Thermostat for use with a heat mat

It is recommended that you **DO NOT** insert the temperature sensor into the soil.

1. Connect the plug of the Heat Mat to the socket on the thermostat – use the base of your thumb to click the plug into place and connect the earth pin (the top one) into the socket first. Connect the plug from the thermostat into your mains socket.
2. Place the temperature sensor above the heat mat/seedling trays.
We recommend that you **DO NOT** insert the temperature sensor into the soil/compost as the probe is an 'air sensor' and if inserted into soil/compost it may corrode very quickly.
3. When plugged in, the figure displayed is the current temperature registered by the probe.
4. Press the **SET** button once to display the current 'pre-set' temperature.
5. Press and hold the **SET** button for 3 seconds to enter the temperature selection mode. Press the **▲ UP** or **▼ DOWN** arrow buttons to adjust the temperature. The thermostat's LED screen shows the numbers as you cycle through them. Press the **SET** button again to set the chosen temperature.

The heating LED diode illuminates when the base is in the process of heating. When the LED diode is not lit, the base isn't providing heat. The LED diode turns off automatically when the base reaches the pre-set temperature.
6. Press and hold the **▼ DOWN** arrow button for 3 seconds to display the temperature in Celsius. Press and hold the **▲ UP** arrow to display the temperature in Fahrenheit.

DO NOT IMMERSE CONTROLLER IN WATER

If the probe's temperature reaches 42°C (108°F), the automatic safety shut-off is activated.

The majority of heated bases/heat mats are designed to reach the desired temperature within 5 hours. Generally, you can expect a heat lift of 10°C–12°C depending on individual use of equipment and conditions.

If it takes longer than 5 hours to reach the desired temperature, consider moving the tray to a more insulated area or use a humidity dome if not already using. This will conserve power and increase the mat effectiveness.