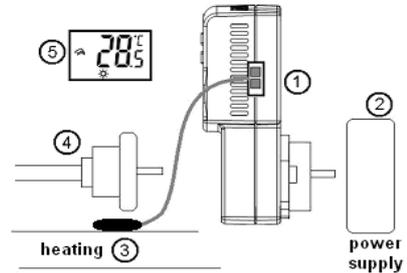


Terra Heat Thermostat

Installation (for heating applications)

1. Insert the plug of the bulb sensor into the Terra Heat Thermostat.
2. Insert the T.H. Thermostat into an earthed wall socket and press the FUNCTION button to activate the heating function.
3. Place the bulb sensor on the heating mat.
4. Insert the plug of the Terrarium heating mat into the T.H. Thermostat.
5. Using the / button, set the desired temperature.



Control mode

Press the function button to activate the heating function.

Press the FUNCTION button for 3 seconds to switch off the controller.

Controller is switched off

The output is switched off immediately. The display shows the OFF icon.

Heating mode

If the set temperature is higher than the measured temperature (0.5 °C/1 °F), the controller switches on and the heating icon flashes in the display.

If the set temperature is lower than the measured temperature (0.5 °C/1 °F), the controller switches off and the heating icon stops flashing.

When the controller is activated, the green LED will be lit!

Frost protection

If the heating function is active and the measured temperature is lower than 5 °C / 40°F, the controller is switched on (frost protection function).

Backup memory

The EEPROM stores various data in this memory when a random button is pressed for at least 15 seconds. All settings made are loaded after a reset of the HEAT controller.

Delay time

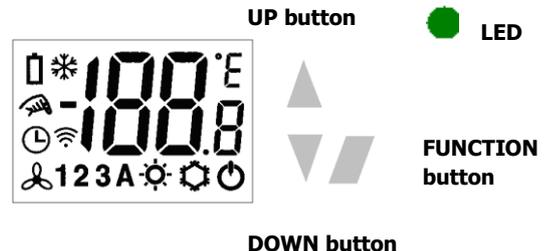
The heating mode contains a built-in, non-adjustable delay time of 10 seconds that prevents the controller from switching on/off too rapidly.

Advanced settings

1. Remove the Terra Heat Thermostat from the wall socket.
2. Press all 3 buttons and insert the Terra Heat Thermostat into a wall socket.
3. LCD displays: F(ahrenheit) or C(elsius).
4. Let go of the push buttons.
5. Press the / button to apply the correct scale (Celsius).
6. Press the FUNCTION button to confirm this setting. The calibration will then be displayed.
7. Press the / button to adjust it if necessary. Use this function only if there is a temperature deviation!
8. Press the FUNCTION button to confirm this setting. The controller will then switch to its operating setting.

Function of the buttons

1. Rubber "soft-touch" push buttons
 - UP & DOWN in order to set the temperature for example
 - FUNCTION button: ON/OFF, HEATING, COOLING/PUMP SWITCH



Specifications

Model / Type:	Terra Heat Thermostat TC 100
Activation (visual):	LED (green) lights up
Power voltage:	230Vac (+10% / -15%) 50/60Hz
Output voltage:	230Vac 50/60 Hz
Maximum current/load:	16A/3600W max. at Ohmic load
Sensors:	Clip sensor and bulb sensor
Temperature accuracy	+/- 0.5 °C (+/- 1 °F)
Operating temperature	-5 – 55 °C
Storage temperature:	-5 ~ 60 °C
Operating humidity	5-95% RH non-condensing