

HabiStat Classic Pro Mat Stat, Model Numbers: HTCPM (UK Plug) HTCPMX (European Plug)

When unpacking your new HabiStat thermostat please ensure you read all of the following instructions thoroughly so you can understand how your new thermostat works.

We have attached some helpful graphics to give you a good visual representation of how to use your new thermostat. Retain all documents for future reference.

Here is a quick guide to get to grips with how your new thermostat looks and some of its features.

- 🔌 An electronic thermostat that turns power to the heating source on and off, not suitable for light emitting heat sources
- 📺 LCD screen to show current temperature readings in Celsius
- 🔥 Heat Indicator shows when your thermostat is calling for heat. Note, if set temperature is exceeded by 3°C 'HHH' will flash and the alarm will sound
- ⬆️ Up indicator press or press and hold to increase temperature in increments of 0.1°C
- ⬇️ Down indicator press or press and hold to decrease temperature in increments of 0.1°C
- 📌 Locating tabs top and bottom. If you want to permanently fix the thermostat use the locating tabs with screws or double sided tape
- 🌧️ Waterproof chemically resistant removable temperature sensor. Note, when detached 'EEE' will flash and the alarm will sound
- 🔌 Plug for connection to mains
- 🔌 Socket for connection to heater. Do not exceed a heater load of 450 watts at 220-240V~50Hz AC
- ⚡ Super quick acting external fuse. Only use ultra-rapid quick blow type FF3.15 amp for this device
- 🍷 Suction cup. Use to secure probe to a smooth surface if required.

Now you are familiar with how your new thermostat looks, let's go into a little more detail.

This thermostat will measure temperatures of -35°C to 120°C but will only be able to control temperatures between 0°C and 50°C.

Out of the box your thermostat is set to 30°C with a fixed over temperature alarm of 3°C above set temperature.



If you wish to turn on the alarm under normal working conditions, please press and hold both up and down indicators for 5 seconds, when the display shows 'AL', that means alarm sound is now turned on. In the event of an alarm due to over temperature the screen will also flash 'HHH'.



To disable the alarm sound under normal working conditions, please press and hold both up and down indicators for 5 seconds, when the display shows 'NO', that means the alarm sound is now turned off.

In the event of over temperature with the alarm sound turned off the screen will still flash 'HHH' but no alarm will sound.

If your thermostats probe is reading a temperature 3°C or more cooler than the thermostats set temperature 'LLL' will flash on the display, but no alarm will sound.










You will notice your thermostats temperature probe is now detachable, in the event this becomes unplugged or faulty an alarm will sound while 'EEE' flashes on screen. Please note if you have switched the alarm off this will not sound in the event of a fault.





You might notice these symbols on your thermostat whilst it is in use, this symbol  is an indicator that your thermostat is sending power to your heat source. This symbol  will flash in the event where your thermostat is in an alarm mode.







To change your temperature up or down press the directional arrow   you wish to change once the temperature begins to flash you can press or press and hold until the desired temperature is met, these changes are done in 0.1°C increments. Once the new temperature is reached release the button and wait for the temperature to stop flashing, when the flashing stops the new temperature is set.



Graphics to help you install your new thermostat correctly

- 1 Mat Stat
- 2 Heat source e.g. Heat Mat & other suitable heat sources
- 3 Connect to mains power
- 4 Hot end. Put all the heaters, background and hot spot, at one end of the cage
- 5 Attach heat source to socket
- 6 Cooler end. This area will be cooler than the set temperature on the thermostat
- 7 Thermostat probe, the area this is placed will heat to the set temperature of your thermostat, this is best being placed just away from the basking spot
- 8 Temperature gradient
- 9 Basking Spot

Reptiles are Ectotherms which means they regulate body temperature by means of their environment. Your setup must have a correct temperature gradient  with a hotter end  a cooler end  and a basking spot  Your reptile will move along the gradient  to find the correct temperature. Place the heat source  at the hot end of the vivarium  to create a basking spot . Mat Stats uses a simple on/off method of temperature control. The heating source will be on constantly at full capacity until the temperature is reached, then and only then will the power to the heating source be switched off until the temperature drops 2°C below the set temperature, this is called hysteresis. You will know when your thermostat is heating via the Heat indicator icon .

The heat source  must not be oversized for the vivarium, but must still be capable of reaching the correct basking spot  for the species it's intended for. Please use the correct wattage heat source  so that your Mat Stat doesn't have to constantly switch on and off to reach the correct basking spot  temperature. a total load of 450 watts must not be exceeded.

The HabiStat thermostat will ensure the cool end  doesn't get too hot, set the temperature a few degrees cooler than the desired basking spot  temperature. This will allow your basking spot  to get to the correct temperature, but insure the cool end  doesn't get too hot. The thermostat will only read temperatures at the point detected by its sensor . The sensor is best placed just away from the basking spot  or just to the side of the heating source if the heating source is located on the bottom of the enclosure.

Although the thermostats probe is accurate at recording temperatures, the basking spot  temperature and cool side  temperature should always be checked with a separate thermometer.

GUARANTEE. Your thermostat comes with a one-year warranty from the date of purchase. In the event of a malfunction, please do not open or modify the unit, as any tampering—such as cutting wires or drilling into the casing—will void the warranty. In the unlikely occurrence that your thermostat fails, return it with proof of purchase and a description of the fault to your place of purchase. We will aim to repair or replace the unit as quickly as possible. Repairs within the warranty period are free of charge. For repairs outside the warranty, a £12 administration fee plus postage costs will apply, unless the thermostat is deemed unrepairable, in which case no fee will be charged. If your repair falls outside the warranty period, please include payment or credit card details with the thermostat. No liability is accepted other than for the repair or replacement of a faulty product. This does not affect your statutory rights.

HabiStat



Mat Stat Instructions

