

Correct temperature reading

The temperature sensor encased in the black sheath is very accurate. Having set the desired temperature on the thermostat and positioned the sensor in its required location the temperature of the air will be controlled accurately at the position of the temperature sensor.

The temperature nearer the heater (from the sensor position) will be hotter and further away from the heater it will be cooler. Please note that when using a thermometer to check the temperature that unless it is in exactly the same position as the thermostat sensor there will be a discrepancy due to the positioning of the thermometer.

Warranty

Used in accordance with these instructions this thermostat will give many years of trouble free service.

The thermostat is guaranteed for five years from the date of purchase against faulty parts and workmanship. In the unlikely event of a failure, return it to Microclimate International Ltd together with a receipt or proof of purchase and brief description of the fault. If returned within one year there will be no charge, after this time a charge of £5 will be made for administration and postage. Please enclose a cheque or postal order made payable to Microclimate International. Cash is also accepted.

No liability is accepted other than for the repair or replacement of a faulty product.

This does not affect your statutory rights.

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HH 6 Thermostat User Guide

IMPORTANT - TO ENSURE CORRECT OPERATION OF YOUR **HH 6** THERMOSTAT
PLEASE READ THE GUIDE BEFORE COMMENCING INSTALLATION



HH 6 Thermostat

The HH 6 Thermostat is designed to control 2 heat sources with a combined total of 600 watts. This may include heatmats, ceramics, bulbs and heat cable.

The HH 6 thermostat will control two independent heat sources at different temperatures set by the user on the heater dials by switching the power on/off to the heaters.

The HH 6 thermostat can be used to control 2 separate vivariums with independent heating control or it can be used to control 1 vivarium with separate temperature controls for the heater and basking spot.

WARNING DO NOT OVERLOAD YOUR THERMOSTAT BY CONNECTING HEAT SOURCES WITH OUTPUTS GREATER THAN 600 WATTS COMBINED. DAMAGE CAUSED BY MISUSE IS NOT COVERED BY THE WARRANTY.

Installing your HH 6 Thermostat

Find a suitable location for the thermostat to be located on the outside of the vivarium ensuring sufficient cable is available for the sensors.

The HH6 is split into 2 thermostats the left temperature control dial corresponds to the RED LED, Sensor with the RED band and the Socket with the RED band.

The right temperature control dial corresponds to the YELLOW LED, Sensor with the YELLOW band and the Socket with the YELLOW band.

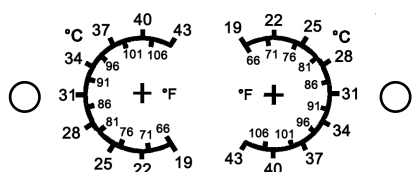
The sensor(s) should be installed inside the vivarium(s) at least 225mm (9 inches) away from the heat sources. This is to ensure that the sensors are measuring the air temperature. The sensors should be in free air and not fixed to the wall of the vivarium as this will not give a correct reading to the thermostat. Ensure the sensors are at least 10cm from the side walls of the vivarium. The sensor with the RED band will be controlled by the left hand dial, The sensor with the YELLOW band will be controlled by the right hand dial.

Connect the mains cable from your heat source you wish to use with the left temperature control dial to the heater socket on the thermostat with the RED band using a suitable mains plug fitted with a 3 amp fuse.

Connect the mains cable from your heat source you wish to use with the Right temperature control dial to the heater socket on the thermostat with the YELLOW band using a suitable mains plug fitted with a 3 amp fuse.

Connect the mains cable from the thermostat to your mains supply. Please note the mains plug is fitted with a 3 amp fuse.

RED LED
RED SENSOR
RED HEATER OUTPUT



YELLOW LED
YELLOW SENSOR
YELLOW HEATER OUTPUT

Operating your HH 6 Thermostat

The heater temperatures are factory set to 19 degrees Celsius, this is fully anti-clockwise on the temperature dials.

To adjust the temperature first check that the temperature dial, sensor and heater output match i.e. all RED or all YELLOW

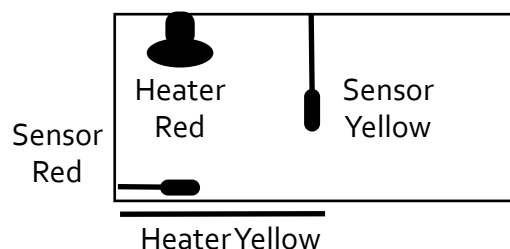
Use a small flat bladed screwdriver and rotate the temperature adjuster clockwise until the slot is aligned with the required temperature on the scale.

The HH 6 will control and maintain the temperature set on the heater dial. A thermometer should ALWAYS be used to check the temperature within the vivarium and the thermostat then adjusted to give the required temperature for your pets environment.

The green LED is a power on indicator and will be lit when the thermostat is connected to the mains supply.

A vivarium should be set up to allow a temperature gradient. The heater should be at one end with the sensor in the centre of the vivarium. This will allow a Hot area, Controlled area and a Cooler area.

1 Vivarium separate basking & heating control



example of HH6 controlling basking spot temperature on Heater RED and the secondary heat source temperature on Heater YELLOW. In this example a bulb is being used for a basking spot and a heatmat for the secondary heater.

2 Separate Vivariums controlled at different temperatures

