

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 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 a 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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Ministat User Guide

IMPORTANT - TO ENSURE CORRECT OPERATION OF YOUR MINISTAT PLEASE
READ THE GUIDE BEFORE COMMENCING INSTALLATION



Ministat 100

The Ministat 100 is designed specifically to control non light emitting heat sources such as heat mats with a power output up to and including 100w.

Ministat 300

The Ministat 300 is capable of controlling any heat source with a power output up to 300w. This may include heat mats, bulbs and ceramic heaters.

**WARNING DO NOT OVERLOAD YOUR MINISTAT MODEL BY
CONNECTING HEAT SOURCES WITH OUTPUTS GREATER
THAN STATED ABOVE FOR YOUR SPECIFIC MODEL.
DAMAGE FROM OVERLOADING IS EXEMPT FROM
GUARANTEE.**

Installing your Ministat

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

The sensor should be installed inside the vivarium at least 225mm (9 inches) away from the heat source. This is to ensure that the sensor is measuring the air temperature. The sensor 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 sensor is at least 10cm from the side walls of the vivarium.

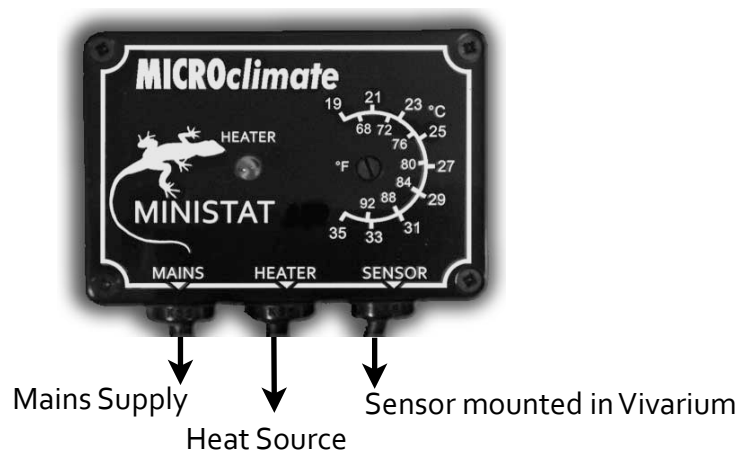
However if you are controlling a heatmat installed underneath a layer of substrate inside the vivarium then we recommend that the sensor be placed under the substrate directly on top of the heatmat. This allows direct control of the heatmat.

Connect the mains cable from your heat source to the heater socket on the thermostat using a suitable mains plug fitted with a 3 amp fuse.

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

The mains cable fitted to the Ministat is colour coded as follows

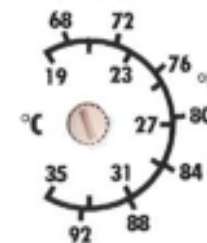
BROWN - LIVE BLUE - NEUTRAL GREEN/YELLOW - EARTH



Operating your Ministat

The ministat temperature is factory set to 19 degrees Celsius this is fully anti-clockwise on the temperature dial.

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



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 temperature adjuster is recessed into the unit to prevent accidental temperature change.

The Ministat has a RED LED which indicates power to the heater. When the Ministat is providing power to the heater the LED will be lit. The LED will go out when the desired temperature is reached. Please note that this LED does not indicate mains power to the thermostat.

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.

