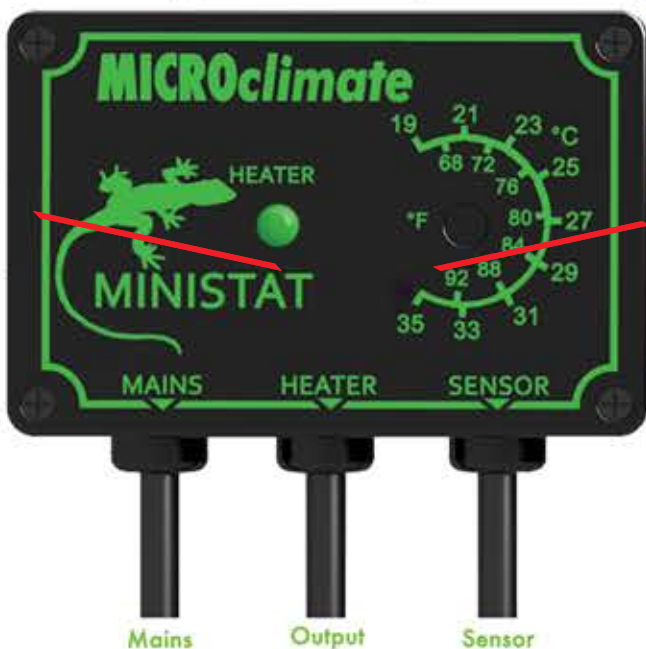




MICROclimate

Heat LED-
Please note this is not a power LED. This LED will only be illuminated when the thermostat is supplying power to the heater. When no power is required the LED will be off.



Temperature Dial
The dial is recessed to prevent accidental changes to the set temperature. Please use the included temperature adjustment tool to alter the temperature.

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.

MINISTAT 100 MAXIMUM HEATER LOAD = 100w MINISTAT 300 MAXIMUM HEATER LOAD = 300w

Installing your thermostat

Find a suitable location for the thermostat to be located on the outside of the enclosure ensuring sufficient cable is available for the sensor to reach the desired location. The sensor should be installed inside the vivarium and hanging in free air. Do not mount the sensor to the wall of the vivarium to ensure the sensor is measuring the air temperature and not the wall temperature. However if you are controlling a heat mat installed underneath a layer of substrate inside the vivarium then we recommend the sensor is placed under the substrate and is attached to the top of the heatmat. This allows direct control of the temperature of the heatmat and not the air temperature. 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 thermostat to your mains supply. Please note the mains plug is fitted with a 3 amp fuse. The mains cable fitted to the thermostat is colour coded as follows.

BROWN-LIVE BLUE-NEUTRAL GREEN/YELLOW-EARTH

Temperature Gradient

An enclosure should be set up to allow a temperature gradient. The heater should be at one side of the enclosure with the sensor positioned in the centre of the enclosure. This will allow a hot area, controlled area and a cooler area. If you are controlling a basking temperature place the sensor in the basking area.

Temperature Range

The Ministat can control temperatures between 19 °C and 35 °C.

Setting the temperature

To set the temperature on your thermostat. Please use the included Microclimate temperature adjuster. The temperature control is recessed on your thermostat to prevent accidental changes in the temperature. The thermostat is factory set to its minimum setting. This is fully anti-clockwise on the temperature dial. Rotate the dial clockwise so that the slot in the adjuster lines up with the correct setting that you would like the temperature to be controlled at. A thermometer should always be used to check the temperature within your enclosure and then the temperature adjusted to give the required temperature for your pets environment. The Ministat has a **GREEN** LED which indicates power to the heater. When the Ministat is providing power to the heater the LED will be On. When the set temperature is achieved and no power is required to the heater the LED will be OFF.

Please note that this LED does not indicate mains power to the thermostat and it is normal for the LED to be off for long periods when no heat is required.

On/Off Control

The Ministat is an On/Off control thermostat. An On/Off thermostat works by switching the heater On and Off around a set point. With On/Off control a switching differential is used by the thermostat. This prevents the Ministat switching On and Off too quickly. The thermostat will have full power to your heater until the temperature goes slightly beyond the set point. The thermostat will then switch power off to the heater until the temperature drops just below the set point before switching the heater back on.

Correct Temperature Reading

The temperature sensor is extremely 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. If you are using a thermometer with a sensor probe to see the temperature at the thermostat sensor you can bind the thermometer probe and thermostat sensor together using black electrical tape. This will give you a closer reading from your 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.



Help and Advice

If you need any help or advice whilst setting up your product please get in touch
sales@microclimate.co.uk 01902 895351 or via our facebook page www.facebook.com/microclimatereptile