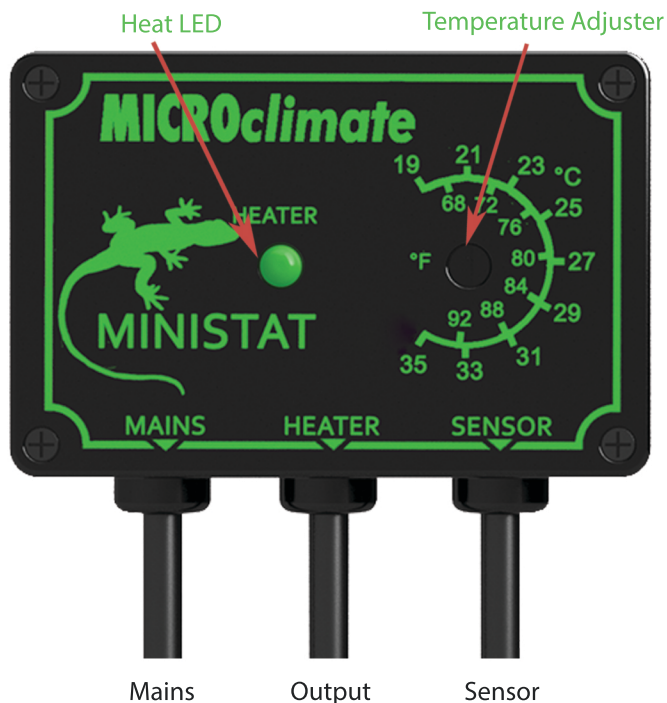




WARNING DO NOT OVERLOAD YOUR THERMOSTAT
MAXIMUM LOAD MINISTAT - 100w, MINISTAT 600 - 600w



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 the thermostat probe together using black electrical tape. This will give you a clearer reading from your thermometer.



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 this will ensure the sensor is reading 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 on the surface 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 then place the sensor in the basking area.

Temperature range

The Ministat can be set between 19°C and 35°C

Setting the Temperature

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 temperature. A thermometer should always be used to check the temperature within your enclosure at the hot and cool ends.

Warranty

Your Microclimate Thermostat is covered by our 5 year parts & labour warranty. If you believe your thermostat is not working correctly then firstly please follow the fuse replacement instructions on the first page of this manual. If you are still having issues please call us on 01902 895351 or contact us via the form on our website www.microclimate.co.uk. In the unlikely event of a failure, return the product to Microclimate 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 £10 will be made for administration and postage. This fee can be placed inside the box with the product. 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 setting up your product please contact us either by calling 01902 895351 or by contacting us via the form on our webpage.



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