

Microclimate products are designed and built to exacting standards. Each and every unit is tested to ensure many years of trouble free operation is achieved.

All Microclimate products are designed and manufactured in the UK.

Microclimate heatmats come with a 1-year parts and labour warranty. Please keep your proof of purchase safe, as this will be required for all warranty claims.

Due to the many diverse applications for this product no liability for the loss or damage to livestock or equipment can be accepted.

This product has been independently tested and conforms to the Electrical Equipment Safety regulations 1994 and BS EN 60335 – 1:2002+A2:2006 and BSEN 60335-2-55:2003+A1 2008.

This does not affect your statutory rights.



## Heatmat User Guide

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

- DO NOT CUT, BURN OR PIERCE THE HEAT MAT
- DO NOT SUBMERSE IN WATER – HEAT MAT IS SPLASH PROOF ONLY
- DO NOT BURY UNDER A THICK LAYER OF SUBSTRATE

This heatmat can be used to in many different applications where a gentle heat is required and is ideal for heating your pet's vivarium.

Heating your pet's environment should be designed to allow a warm and cool area within the vivarium this allows for a natural habitat to be obtained for your pet. We recommend the heat mat to be no larger than half the floor space of the vivarium.

Microclimate heat mats are designed to run continuously and if installed following our instructions will run for many years.

Microclimate heat mats can be plugged directly into a mains socket but we strongly recommend the use of a thermostat to control the temperature within the vivarium. In an average room the temperature can vary considerably this in turn affects the temperature within the vivarium without a thermostat to control the temperature your pet may not have the correct environment for its well-being. Heat mats are compatible with all types of thermostat i.e. on/off, dimmers and pulse proportional. For more information on Microclimate thermostats please visit [www.microclimate.co.uk](http://www.microclimate.co.uk) or visit your local Microclimate dealer.

### Recommended Thermostat for Microclimate Heatmats

Ministat 100



- On/Off Thermostat
- Suitable for all heat mats
- Precise control of vivarium temperature

Available from your local  
Microclimate dealer

Microclimate International  
Unit 3 Heath Mill Enterprise Park  
Heath Mill Road  
Wombourne  
England  
United Kingdom  
WV5 8AP

Tel : 01902 895351  
Fax : 01902 897613

[Sales@microclimate.co.uk](mailto:Sales@microclimate.co.uk)  
[www.microclimate.co.uk](http://www.microclimate.co.uk)

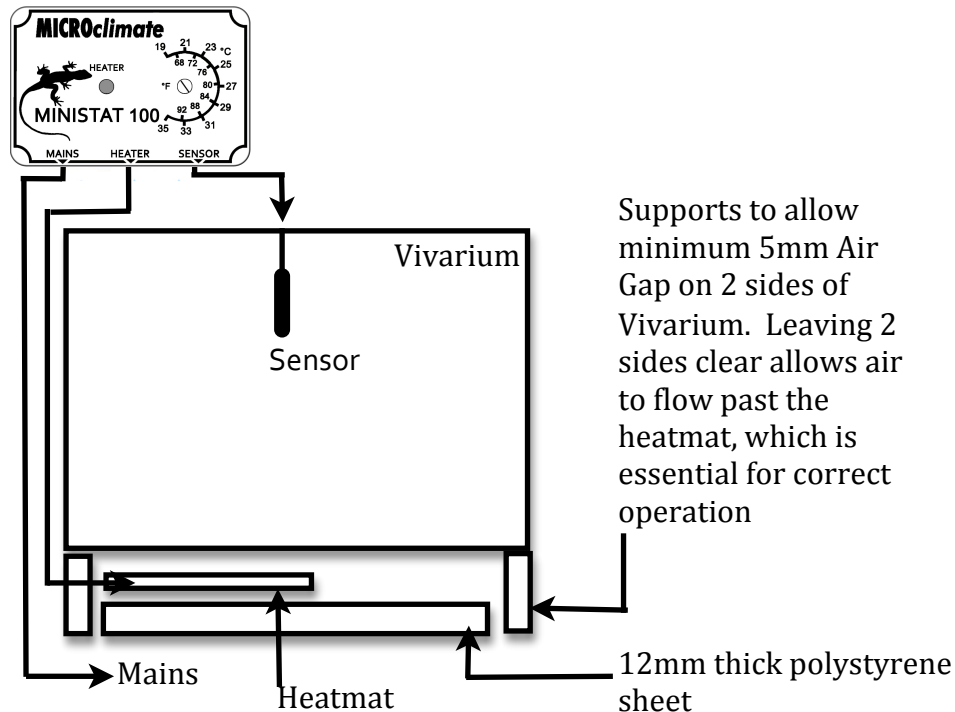
## Installation of Heat Mat below Vivarium

To install the heat mat underneath the vivarium please note that at least 5mm air gap should be allowed between the heat mat and the underside of the vivarium. This can be achieved by supporting the vivarium on the 2 longest sides with strips of wood or rubber feet from your local hardware store. This will allow the other 2 sides to be clear to allow for adequate ventilation.

Below the mat we recommend a 12mm thick fire retardant polystyrene sheet for insulation.

If the Vivarium is to be placed on the floor i.e. carpet then a suitable plinth (Wood) at least 12mm thick should be placed between the polystyrene and the floor.

We recommend that the thickness of any substrate layer is kept to a minimum.



## Alternative fixing locations

### Rear wall mounting

For optimum heat output into the vivarium the heat mat may be mounted to the wall of the vivarium. The heat mat can be secured to the wall using double-sided tape.

### Floor mounting

If the heat mat is to be installed inside the vivarium on the floor, the following recommendations should be followed. Please note that this mounting option is not recommended and under vivarium and rear wall mounting options allow better performance of the heat mat.

The mat should be secured to the floor using double-sided tape. The mains cable should be kept as short as possible within the tank. The mains connection to the mat should be kept as far away from water as possible. The mat is splash proof only.

A thermostat MUST be used to provide temperature control of the heat mat in case of temperature build up beneath the substrate caused by the substrate acting as an insulator. It is recommended that the sensor be placed directly on the mat underneath the substrate.

ANY SUBSTRATE PLACED OVER THE MAT SHOULD BE KEPT TO A MAXIMUM DEPTH OF 5mm.

Do not place anything such as a hide or water dish on the substrate directly above the heatmat.

If you are in any doubt over the correct installation of this product please contact your retailer or Microclimate direct we are always happy to help!