

Phytotronics Inc

REDI-HEAT HEAVY-DUTY PROPAGATION MAT

Please read this entire sheet before using this mat

INSTRUCTIONS:

1. Lay the mat on a flat surface with the power cable side up.
2. Fully unroll the mat. Do not leave a portion of the mat rolled up or laying on top of itself.
3. Plug the mat into a thermostat. We recommend the Phytotronics RDT-4 or RHT-2 thermostat.
4. Make sure to keep the substrate, which the thermostat sensor probe is in, moist at all times. Dry substrate acts as an insulator and prevents the thermostat from sensing the heat from the mat.

CONSIDERATIONS:

- Position the mat on your desired surface before putting the weight of flats or pots on it. Make sure the surface will stand up to the temperatures that the mat will produce. Expect the mat to reach 120F or more.
- Since soil temperature will be constantly maintained at a higher level, soil media and plants will dry more quickly and will require more frequent watering.
- A consistent amount of soil moisture will maintain the most even heat.
- Consider covering pots or flats with a layer of plastic to retard the rate of evaporation. Once cuttings have rooted or seeds germinated, the covering can be removed and the thermostat setting reduced or turned off completely. Make sure plastic does not come in direct contact with the mat.
- To monitor your growing media's temperature place the thermostat capillary bulb or sensor into the plant substrate to desired depth that you wish to control temperature. DO NOT place the bulb directly on the mat surface, correct soil temperature CANNOT be maintained in this location.
- We recommend the placement of a small probe type thermometer in the soil to monitor soil temperature and to check thermostat performance. It may take some trial and error to find your best location to place the thermostats capillary bulb or sensor.

WARNINGS:

- Failure to connect the mat to a thermostat will void the warranty.
- Failure to completely unroll the mat or allowing the mat to lie on top of itself will void the warranty.
- Failure to keep the substrate, which the thermostat probe is in, moist, will cause the mat to overheat causing damage to the mat and plastic flats and pots on top of the mat. This will void the warranty.
- Make sure the surface beneath the mat is free of sharp points or objects that may puncture or damage the mat.
- As with all electrical products, use care when working with or around the Redi-Heat mats and Thermostats. Avoid getting plugs, and thermostat wet, as an electrical short may occur.