

The Hydrofarm Heat Mat Thermostat™ is a digital temperature control device that allows gardeners to select and maintain optimum rooting temperatures for faster seedling or cutting growth. It is compatible with all Hydrofarm Heat Mats and many other heat mats.

SET-UP INSTRUCTIONS

1. Place probe down into the rooting area about 1"–1-1/2".
2. Position thermostat up and away from seedling trays and stray water. Do not submerge.
3. Plug Heat Mat into thermostat.
4. Plug in thermostat power cord and set maximum desired temperature.

PROGRAMMING THE CONTROLLER

1. To adjust the temperature setting, press and hold 'SET' button for 3 seconds to enter the temperature selection mode; press the '▲' or '▼' button to adjust the temperature. Press 'SET' button again to select the displayed temperature as the target.
2. Press 'SET' button to display the preset temperature; current measured temperature will be shown when no button is activated.
3. To change unit display press and hold '▼' button for 3 seconds to display in Celsius. Press and hold '▲' button for 3 seconds to display temperature in Fahrenheit. The appropriate indicator LED will be lit.
4. When the unit is plugged in, the "POWER" LED becomes lit, the heat mat is on only when the "HEATING" LED is lit
5. When the preset temperature is reached, the "HEATING" LED will turn off, and there is no power to the heat mat.

ADDITIONAL INFORMATION:

- If the thermostat remains "on" (delivering power to the heat mat) for more than 5 consecutive hours, this indicates desired temperatures are not being reached. To achieve higher temperatures the mat may need to be placed on a more insulated surface. Covering the seedling tray with a humidity dome will also aid heat retention.

- Do not immerse controller or probe into water.
- Thermostat has an automatic safety shut-off if probe's temperature reaches 108° F.
- Do not exceed a total of 1000 watts of heating devices plugged into thermostat.
- A probe holder with suction cup is provided in case there is an application where air temperature is being controlled by a heating device.

GUARANTEE: The Heat Mat Thermostat™ is guaranteed to the original owner for one full year against defects in workmanship and materials. Save your receipt. A copy is required for all warranty work. Return to the place of purchase.



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Plant Type	Temperature for transplant		Temperature for seed germination
	Day	Night	
Verbena Family herbs, shrubs, trees	65	75	65
Flowering plants			
Alyssum	50	60	70
Aster	65	75	70
Calendula	50	60	70
Dahlia	65	75	70
Dianthis	50	60	70
Petunia	50	60	70-80
Marigold	65	75	70-75
Fruits and Veggies			
Cucumbers	65	75	80
Eggplant	65	75	80
Melons	65	75	80
Peppers	65	75	80
Squash	65	75	80
Tomatoes	65	75	80
Salvia	65	75	70
Nicotiana	65	75	70

IDEAL TEMPERATURE CHART
The ideal temperature is crucial to growing strong, healthy plants. Excessive temperatures (too cool or too warm) will result in poor quality growth.

