



JUMP START MTPRTC Digital Controller Heat Mat Thermostat User Manual

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JUMP START

JUMP START MTPRTC Digital Controller Heat Mat Thermostat



Specifications

- **Brand** JUMP START
- **Model Name** Jump Start MTPRTC UL LISTED Digital Controller Thermostat for Heat Mats
- **Item Dimensions L x W x H** 3 x 2 x 5 inches
- **Special Feature** Controllable range of 68°F – 108°F
- **Color** UL Listed
- **Power Source** Electric
- **Item Weight** 6 Pounds
- **Voltage** 230 Volts
- **Material** Plastic
- **Display Type** Digital
- **Wattage** 1000 watts
- **Item Model Number** MTPRTC

Description

Jump Start Heat Mat from Hydrofarm Thermostat regulates heat mat temperatures by maintaining a steady, ideal temperature for plants, seedlings, and cuttings. In a tray and dome, it is perfect for maintaining root zone/rooting temperatures. Simple plug-in operation with a three-prong ground socket, digital temperature selector, and LED indicator light. From 68 to 108 degrees Fahrenheit are within control. a temperature probe with a 6' cord is included. digital readout with a Fahrenheit or Celsius option. Heat mats are no longer exclusively for the garden! They are very helpful for providing reliable, regulated heating for various pastimes including homebrewing (maintaining fermentation temperatures), reptile and arachnid keeping (heating for enclosures and terrariums), and more.


With this thermostat, you can quickly increase the functionality of any heat mat so that it offers the ideal temperature that your pets and projects need to thrive. You can relax and stop continually checking the temperature, whether in cooler or warmer situations because you can set and keep your chosen temperature. The Heat Mat Thermostat is the only heat mat thermostat that has received ETL certification. A reputable inspection lab with a focus on testing the safety of products is ETL (Intertek). A product's ETL certification serves as evidence that it satisfies generally recognized safety criteria. All heat mats are compatible with the Jump Start

Heat Mat Thermostat, which is an optional extra for Hydrofarm Seedling Heat Mats.

Optimum Temperature Chart

The ideal temperature is crucial to growing strong healthy plants. Excessive heat or cool results in poor growth quality.

Optimum plant temperatures	Temperature for seed germination		Temperature for transplant growth			
			DAY		NIGHT	
Plant Type	C°	F°	C°	F°	C°	F°
Verbena Family Herbs, shrubs, trees	18	65	24	75	18	65
Flowering plants						
Alyssum	21	70	16	60	10	50
Aster	21	70	24	75	18	65
Calendula	21	70	16	60	10	50
Dahlia	21	70	24	75	18	65
Dianthis	21	70	16	60	10	50
Petunia	21-27	70-80	16	60	10	50
Marigold	21-24	70-75	24	75	18	65
Fruits and Veggies <i>Cucumbers, Eggplant, Melons, Peppers, Squash, Tomatoes</i>						
	27	80	24	75	18	65
Salvia	21	70	24	75	18	65
Nicotiana	21	70	24	75	18	65



The Jump Start 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 Jump Start Heat Mats and most other seedling heat mats.

Set Up The Thermostat

1. Insert the probe approximately 1" – 1½" into the rooting area.
2. Position the thermostat up and away from seedling trays and stray water. DO NOT SUBMERGE THE THERMOSTAT.
3. Plug the heat mat into the thermostat.
4. Plug the thermostat's power cord into the power source/electrical outlet. The POWER LED lights up.
5. Set the maximum desired temperature for the heat mat.

Using The Controller

1. Press the SET button to display the current pre-set temperature. The thermostat's LED screen shows the current temperature whenever the SET button is not activated.
2. Press and hold the SET button until the LED starts to blink, then you are able to adjust the temperature up or down by pushing the ▲(UP) or (DOWN) ▼ arrows. The thermostat's LED screen shows the numbers as you cycle through them. Press the SET button again to set the chosen temperature. The HEATING light cycles on when the mat is in the process of heating. When the LED is not lit, the mat is not providing heat. The light turns off automatically when the mat reaches the pre-set temperature.

3. Press and hold the ▼ (DOWN) arrow button for three seconds to display the temperature in Celsius. Press and hold the ▲ (UP) arrow button to display the temperature in Fahrenheit.

TIPS

The Digital Heat Mat is designed to achieve the desired heat temperature within five hours. If it takes longer than five hours, or if the mat runs for longer than 5 hours, desired temperatures are not being reached. To conserve power and increase the mat's effectiveness, move the mat to a more insulated surface. You can also add a humidity dome to cover the seedling tray, which aids in heat retention.

Warning: DO NOT IMMERSE CONTROLLER IN WATER.

If the probe's temperature reaches 108 degrees F, the automatic safety shut-off is activated.

In the event that you would like to use your thermostat to control air temperature, we've included a suction cup so that the probe can be mounted outside the rooting area. Simply clip the suction cup over the probe and apply it to the desired area. It may help to moisten the suction cup prior to sticking it.



Warranty: The Jump Start 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 the Heat Mat to your place of purchase.

FREQUENTLY ASKED QUESTIONS

What is a digital controller heat mat thermostat?

A digital controller heat mat thermostat is a device used to control and regulate the temperature of heat mats or heating pads. It allows users to set and maintain a desired temperature for optimal heat distribution.

How does a digital controller heat mat thermostat work?

The digital controller heat mat thermostat connects to the heat mat or heating pad and monitors the temperature. It activates or deactivates the heat source based on the temperature settings you input. It uses sensors to measure the temperature and adjusts the power supplied to the heat mat accordingly.

What are the benefits of using a digital controller heat mat thermostat?

Using a digital controller heat mat thermostat offers several benefits, including precise temperature control, energy efficiency, prevention of overheating, protection for plants or reptiles, and convenience in maintaining the desired temperature.

Can I program a schedule or timer on a digital controller heat mat thermostat?

Some digital controller heat mat thermostats have programmable features that allow you to set schedules or timers for temperature changes. This can be useful for simulating day-night cycles or for specific heating requirements at different times of the day.

Does a digital controller heat mat thermostat have a display to show temperature readings?

Yes, most digital controller heat mat thermostats feature a built-in display that shows the current temperature readings, as well as the set temperature and other relevant information.

How do I set up the Jump Start MTPRTC Digital Controller Heat Mat Thermostat?

Plug the thermostat into a power outlet and connect your heat mat or heating device to the thermostat. Set the desired temperature using the digital control panel.

What is the temperature range of the thermostat?

The Jump Start MTPRTC Digital Controller Heat Mat Thermostat typically has a temperature range of 68°F to 108°F (20°C to 42°C).

Can I use the thermostat with other heating devices besides heat mats?

Yes, the thermostat can be used with various heating devices such as heating pads, heat lamps, or other compatible heat sources.

Does the thermostat have a built-in timer function?

No, the Jump Start MTPRTC Digital Controller Heat Mat Thermostat does not typically include a built-in timer function. It focuses on temperature control.

Is the thermostat compatible with both Fahrenheit and Celsius?

Yes, the thermostat usually supports both Fahrenheit and Celsius temperature units. You can select your preferred unit of measurement using the control panel.

Can I adjust the temperature easily with the thermostat?

Yes, the thermostat features a digital control panel that allows you to easily adjust and set the desired temperature with precision.

Does the thermostat have a temperature display?

Yes, the Jump Start MTPRTC Digital Controller Heat Mat Thermostat typically includes a digital display that shows the current temperature and the set temperature.

Can I use the thermostat for both seed germination and reptile heating applications?

Yes, the thermostat is versatile and can be used for various applications, including seed germination, plant propagation, and reptile heating.

Does the thermostat have an alarm or notification feature?

The Jump Start MTPRTC Digital Controller Heat Mat Thermostat usually does not include an alarm or notification feature. It primarily focuses on temperature regulation.

Is the thermostat safe to use for long periods of time?

The thermostat is generally designed to be safe for extended use. However, it's important to follow the manufacturer's instructions, use the thermostat within its specified limits, and ensure proper ventilation around the unit.

VIDEO – PRODUCT OVERVIEW



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