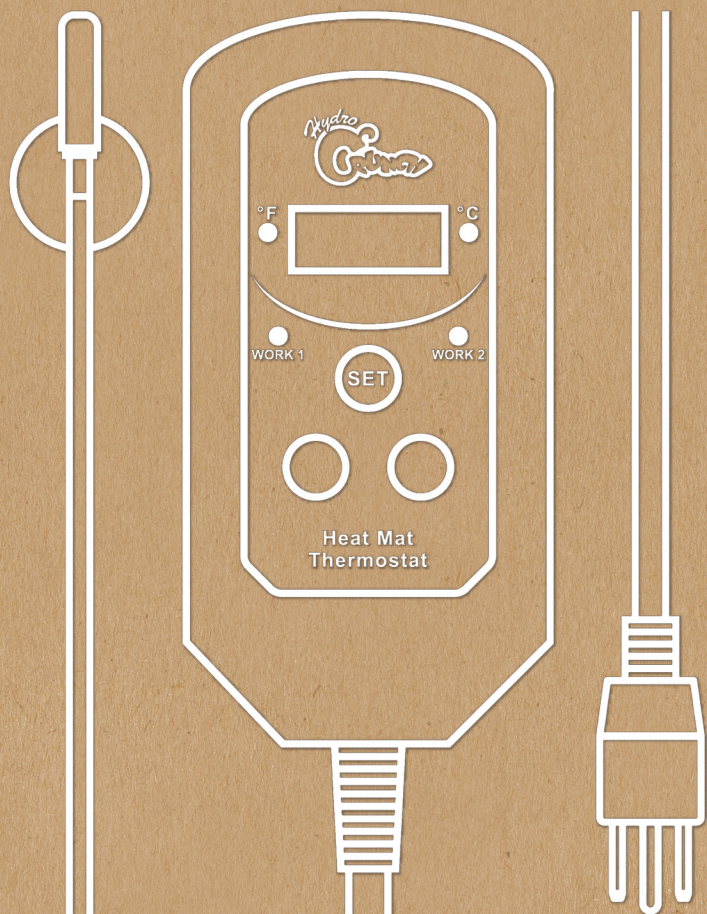




HEAT MAT THERMOSTAT

INSTRUCTION MANUAL

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
Verbana family Herb,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

Our electronic temperature controller is compatible with all heat mats and is an optional accessory for seedling heat mats. The thermostat controls the temperature of heat mats evenly in colder or warmer than normal environments. It provides constant optimum temperatures for specific plants.

- PRECISE TEMPERATURE CONTROL 68~108°F/20~42°C
- DIGITAL TEMPERATURE CONTROLLER FOR HEAT MATS
- PROVIDES CONSTANT OPTIMUM TEMPERATURE FOR SPECIFIC CROPS
- ILLUMINATED INDICATOR LIGHT; 3-PRONG GROUND PLUG
- COMPATIBLE WITH ALL HEAT MATS; OPTIONAL FOR SEEDLING HEAT MATS
- CELCIUS OR FAHRENHEIT READ OUT

SET UP THE THERMOSTAT

1. Insert the probe approximately 1"-1 1/2 " 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.

TIPS

The Digital Heat Mat is designed to achieve the desired heat temperature within 5 hours.

If it takes longer than 5 hours, or if the mat runs for longer than 5 hours, the desired temperature is 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 aides in heat retention.

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 for three seconds to enter temperature selection mode. Press the ▲ (UP) or ▼(DOWN) button to adjust the temperature. The thermostat's LED screen displays the numbers as you cycle through them. Press the SET button again to set the desired temperature. The HEATING light on indicates 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 preset temperature.
3. Press the ▼(DOWN) button to display the temperature in Celsius. Press the ▲(UP) button to display the temperature in Fahrenheit.

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 the probe can be mounted outside the rooting area. Simply clip the suction cup over the probe and apply to desired area. It may help to moisten the suction cup prior to applying it on a smooth surface .