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MARS HYDRO XHC-F042

MARS HYDRO 10"x 20.75" Seedling Heat Mat with Thermostat User Manual

Model: XHC-F042 | Brand: MARS HYDRO

INTRODUCTION

The MARS HYDRO 10"x 20.75" Seedling Heat Mat with Thermostat is designed to provide a consistent and optimal temperature for seed germination, plant propagation, and root development. This kit includes a durable heat mat and a precise digital thermostat, ensuring ideal growing conditions for a variety of plants and other applications.



The MARS HYDRO Seedling Heat Mat Kit, including the 10"x 20.75" heat mat and a digital thermostat.

SAFETY INFORMATION AND WARNINGS

- Do not immerse the controller or temperature probe into water.
- Ensure the heat mat is placed on a well-drained surface without standing water.
- Do not exceed a total of 1000 watts of heating devices plugged into the thermostat.
- The heat mat features built-in overheat protection, automatically shutting off power if the temperature exceeds 140°F (60°C) to prevent safety hazards.
- The outer layer is covered by heavy-duty PVC material, providing IP67 waterproof protection against splashing and making it easy to clean.
- Designed to raise rooting area temperatures 10-20°F (5-11°C) over the ambient air temperature.

IP67 WATERPROOF & SAFE SCRUBBING



UL
certifications



FC
certifications



IP67
waterproof



MARS HYDRO
Warm up the soil evenly
rooting and germinate effectively



Heat Mat 10" x 20.75"
Model / Modèle: XHC-F042
120V AC 60Hz 20Watt

INSTRUCTIONS

1. Place the mat on a well drained surface.
2. Plug the mat into a 120 volt power source.
3. The mat is designed to raise rooting and germination in a humidity covered environment.

The heat mat boasts an IP67 waterproof rating, making it resistant to splashing and easy to clean, ensuring safety and longevity.

PRODUCT COMPONENTS

The MARS HYDRO Seedling Heat Mat Kit typically includes the following components:

- 1 x MARS HYDRO 10"x 20.75" Seedling Heat Mat (Model: XHC-F042)
- 1 x Digital Thermostat with Temperature Probe

SETUP INSTRUCTIONS

1. **Placement:** Place the heat mat on a flat, dry, and stable surface. Ensure there is no standing water.
2. **Connect Power:** Plug the heat mat into the 120V power source.
3. **Thermostat Connection:** Plug the heat mat's power cord into the thermostat's output socket.
4. **Probe Placement:** Crucially, place the temperature probe directly on the surface of the heat mat, underneath your seedling.

trays or cloning dome. *Do not insert the probe into the soil or water.* This ensures the thermostat accurately measures the mat's surface temperature, providing consistent heat to the root zone.



The digital thermostat allows precise control of the heat mat's temperature, ensuring the 'sweet spot' for plant growth, typically between 68-86°F (20-30°C).

OPERATING INSTRUCTIONS

The digital thermostat allows for easy temperature control:

1. **Power On/Off:** Press the power button to turn the thermostat on or off.
2. **Set Target Temperature:** Press and hold the 'SET' button for 3 seconds until the display starts blinking. Use the 'UP' and 'DOWN' arrow buttons to adjust the desired temperature.
3. **Confirm Setting:** Press the 'SET' button again to confirm your temperature selection. The display will stop blinking and show the current temperature.
4. **Temperature Range:** The thermostat supports a temperature range of 32~110°F (0~43°C).

5. **Switch Units:** Use the °C/°F button to switch between Celsius and Fahrenheit display modes.

SATISFY FOR YOUR DAILY NEEDS



Visual instructions for operating the thermostat: plug in, press 'SET' for 3 seconds to adjust temperature with UP/DOWN buttons, then press 'SET' again to confirm. Important: Do not immerse the controller or probe in water, and do not exceed 1000 watts.

APPLICATIONS

The MARS HYDRO Seedling Heat Mat is versatile and can be used for various purposes:

- **Plant Germination:** Accelerates seed sprouting and promotes healthier seedling growth.
- **Indoor Gardening:** Provides essential warmth for plants in cooler indoor environments.
- **Home Brewing:** Helps maintain stable fermentation temperatures for beer, kombucha, and other fermented products.
- **Terrarium Heating:** Ideal for providing warmth to reptiles and other terrarium inhabitants.
- **Aquarium Temperature Control:** Can be used to regulate water temperature in aquariums.



Indoor Gardening



Terrarium Warming



Plant Sprouting



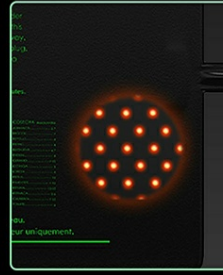
Home Brewing

The heat mat is versatile, suitable for various applications including indoor gardening, warming terrariums for reptiles, promoting plant sprouting, and maintaining optimal temperatures for home brewing.

MAINTENANCE AND CARE

- **Cleaning:** The IP67 waterproof surface allows for easy cleaning. Simply wipe with a damp cloth. Ensure the mat is unplugged before cleaning.
- **Storage:** The heat mat can be rolled up for compact and easy storage when not in use. Avoid sharp creases.
- **Inspection:** Regularly inspect the mat and power cord for any signs of damage. Do not use if damaged.

MOST ADVANCED DESIGN



- PVC material that is durable and resists wear and tear, IP67 waterproof to protect the core elements yet.
- The Heat Mat inside with millions of infrared heat granules is evenly distributed.
- Automatically warms root area 10-20°F (5-11°C) over the ambient air temperature, increase the success of seedlings and germination.

The heat mat's flexible design allows it to be rolled up for easy storage, saving space when not in use.

TROUBLESHOOTING

- **Mat not heating:** Ensure the mat is properly plugged into the thermostat and the thermostat is plugged into a working power outlet. Check the thermostat's power indicator light.
- **Incorrect temperature readings:** Verify that the temperature probe is placed correctly on the surface of the heat mat, not in the soil or water. Ensure the probe is not covered by anything that might insulate it from the mat's heat.
- **Temperature fluctuations:** This can occur if the probe is not in constant contact with the mat or if the ambient room temperature changes drastically. Ensure stable probe placement and a consistent environment.
- **Thermostat display not working:** Check power connections. If the issue persists, contact customer support.

SPECIFICATIONS

Specification	Value
Brand	MARS HYDRO
Model	XHC-F042
Dimensions	10" x 20.75"
Voltage	120VAC
Frequency	60Hz
Wattage	20 Watts
Item Weight	0.8 Kilograms
Waterproof Rating	IP67
Temperature Range	32~110°F (0~43°C)

OFFICIAL PRODUCT VIDEOS

Your browser does not support the video tag.

This video provides a detailed guide on how to properly use the MARS HYDRO Seedling Heat Mat, including correct probe placement for optimal temperature control and plant growth.

Your browser does not support the video tag.

Watch this video to see the MARS HYDRO heat mat in action, demonstrating its effectiveness in promoting healthy growth for microgreens and various indoor plants.

Your browser does not support the video tag.

An overview of the MARS HYDRO High-end Heating Mat, showcasing its features and benefits for advanced indoor gardening setups.

WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the product packaging or contact MARS HYDRO directly through their official website or authorized retailers. Keep your purchase receipt for any warranty claims.

