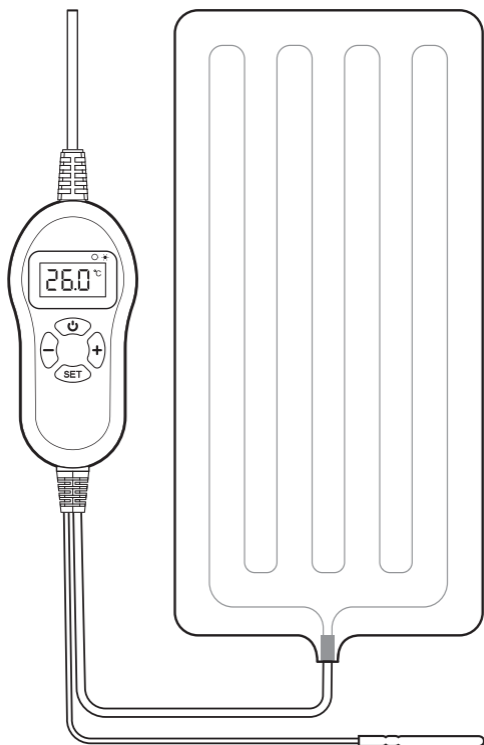


LUXEIRD



HEAT MAT WITH THERMOSTAT

U S E R M A N U A L



Please keep this manual properly for reference. You can also scan the QR code to visit our official website for product usage videos. For any usage issues, please feel free to contact us at **cs@luxbird.com**.

Wenn Sie eine Bedienungsanleitung in deutscher Sprache benötigen, scannen Sie bitte den QR-Code und besuchen Sie unsere Website, um sie zu erhalten und ein Video über die Verwendung des Produkts zu sehen.

Se avete bisogno di un manuale di istruzioni in italiano, scansionate il codice QR e visitate il nostro sito web per ottenerlo e vedere un video su come utilizzare il prodotto.

Si vous avez besoin d'un mode d'emploi en français, veuillez scanner le code QR pour visiter notre site officiel afin d'obtenir et de visionner la vidéo d'utilisation du produit !

Als je een Nederlandstalige handleiding nodig hebt, scan dan de QR-code om naar onze officiële website te gaan en bekijk de video over het gebruik van het product!

Si necesita el manual de instrucciones en español, escanee el código QR para ir a nuestro sitio web oficial y ver el vídeo sobre cómo utilizar el producto.



Warm tips

- To quickly jump to a specific chapter page, click on the relevant text on the contents page.
- You can also use the thumbnail or document outline in the top left corner to quickly find a specific page.

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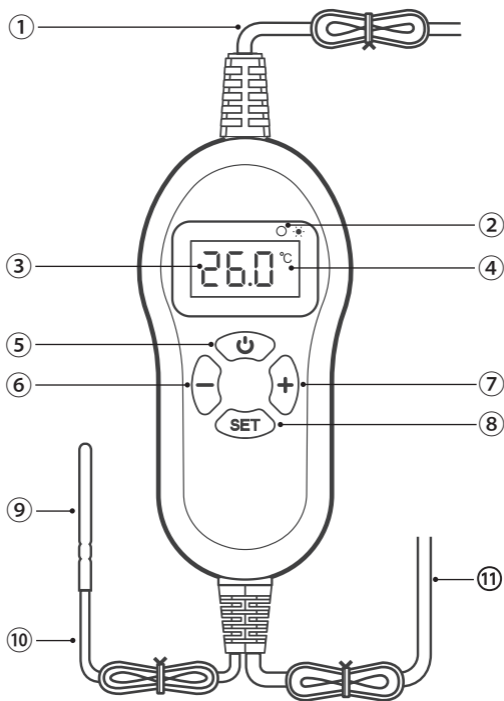
01 Overview

This product is designed to regulate temperature within a constant range, ensuring optimal conditions for indoor seedling germination and consistent, even heat distribution in hydroponics, home brewing, DIY fermentation and reptile terrariums.

02 Technical Specifications

- **Product Name:** Heat Mat with Thermostat
- **Model Number:** LHM-30/ LHM-302/ LHM-304/ LHM-306
- **Thermostat**
 - US:
 - Input: 120VAC, 60Hz
 - Output: 120VAC, 60Hz
 - EU&UK&AU:
 - Input: 220~240VAC, 50Hz/60Hz
 - Output: 220~240VAC, 50Hz/60Hz
- **Single Seedling Heat Mat**
 - Dimensions: 10" x 20.75" (25.4 x 52.7 cm)
- **Heat Mat With Thermostat**
 - LHM-30 Rating Power: 30W
 - LHM-302 Rating Power: 60W
 - LHM-304 Rating Power: 120W
 - LHM-306 Rating Power: 180W
- **Control Temperature Range:** -5°C~42°C/23°F~108°F
- **Measurement Accuracy:** ±1.0°C /±2.0°F
- **Storage Environment**
 - Temperature: 32°F~140°F/0°C~60°C
 - Humidity: 20~80%RH (unfrozen or non-condensing)

03 Product Diagram



① Cable Length:
59inch(1.5m)

② Heating indicator light

③ Screen

④ Temperature unit

⑤ Power button

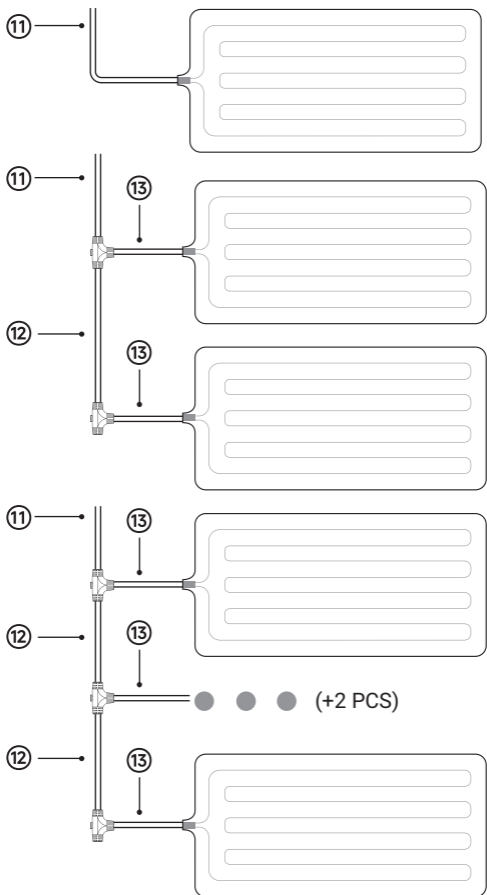
⑥ Down button

⑦ Up button

⑧ Set button

⑨ Probe Length:
1.59inch(40.5mm)

⑩ Cable Length:
78.7inch(2m)









⑪ Cable Length: 39.37inch(1m)

⑫ Cable Length: 20.47inch(0.52m)





⑬ Cable Length: 11.81inch(0.3m)

04 Function Introduction

| Buttons/ Indicator Light | Function |
|---|--|
|  | Press once to power on or off; press and hold for 3 seconds to enable or disable the child lock. |
|  | Press once to display the current target temperature and make it flash. Short press to add or subtract one numeric value while it is flashing. Long press to quickly increase or decrease the numeric value. |
|  | Press once to make the temperature unit flash. Press the  or  button at this time to change the temperature unit. Press again to calibrate the temperature value within the range of $\pm 5^{\circ}\text{C}/\pm 9^{\circ}\text{F}$, with a minimum calibration of $\pm 0.1^{\circ}\text{C}/\pm 0.1^{\circ}\text{F}$. |
|  | Stays lit when heating; dims when not heating. |

05 Operation Instructions

5.1 Usage of the Controller

Upon powering on, the thermostat automatically restores your previous settings instead of resetting. The factory default temperature is set to 26°C (79°F). Pressing the  or  button at this time allows you to check the current target temperature. Press the  or  button again to adjust the target temperature. After setting, the screen will show the current temperature.

5.2 Temperature probe placement:

- When measuring the soil temperature, fully insert the temperature probe into the soil in the germination tray to ensure an accurate reading of the temperature of the plant roots.
- When measuring the surface temperature of the heating mat, attach the temperature probe to its surface with adhesive tape to prevent movement.

5.3 Caution

- Although the heating mat has an IP67 waterproof rating, it should still be placed on a well-drained surface to prevent it from sitting in water for long periods of time.
- Placing the mat on an insulated surface instead of a cold floor will increase the temperature of the mat, and covering the plant tray with a moisture shield or

dome will help increase the temperature in the root area and keep the roots moist.

- When the ambient temperature is 26°C, the surface temperature of the heating mat can be heated to 38.7°C~40.3°C after 30 minutes of operation, which is ideal for seedling trays.

06 Important Notes/Warnings

- Do not directly cover it with soil or growing medium. Never cover it with heat-insulating materials, as this may cause overheating.
- Do not place the mat on wooden floors, carpets or other flammable surfaces, or inside a tray.
- Keep out of the reach of children.
- To reduce the risk of electric shock, only use indoors.
- Only use in dry locations.
- Keep away from water to avoid electric shock hazards.
- Keep away from high temperatures.
- The probe housing is made of stainless steel. Wipe clean if soiled to prevent affecting the accuracy or response time of the probe.
- Do not connect to products exceeding the rated power, as this may cause fires or similar hazards.

07 Troubleshooting Guide

| Issues | Possible Solutions |
|--------------------------------|--|
| Target Temperature Not Reached | <ol style="list-style-type: none">1. Verify probe location: The probe must be placed inside the soil or tightly attached to the heat mat.2. Check room temperature: The mat only heats 10–20°C above ambient temperature. Performance will drop in extremely cold conditions. |
| Heating malfunction | <ol style="list-style-type: none">1. Check that the power voltage is within the specified range.2. Do a power-on test.3. If you are still experiencing problems after following the above steps, please contact our after-sales center. |
| Incorrect probe readings | <ol style="list-style-type: none">1. Check that both the probe and its cable are intact.2. Wipe the probe and its cable clean and then use an air-dryer to blow the whole unit dry before checking if the temperature can be read correctly. |

08 Customer Service

This item carries a 1-year warranty against defects in either components or workmanship. During this period, products that prove to be defective will, at the discretion of LUXBIRD, be either repaired or replaced without charge. For any problems in use, please feel free to contact us at cs@luxbird.com. We will do our best to help you.

LUXEIRD

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