Pymeter PY-RHP812

Pymeter Reptile Heating Pad with PID Thermostat & Timer (Model PY-RHP812) Instruction Manual

Model: PY-RHP812

1. INTRODUCTION

This manual provides detailed instructions for the safe and effective use of your Pymeter Reptile Heating Pad with PID Thermostat & Timer. This device is designed to maintain a stable temperature in reptile terrariums, promoting the health and well-being of your pets. It features an integrated PID thermostat for precise temperature control and an adjustable timer function.

Figure 1: Pymeter Reptile Heating Pad with integrated thermostat and timer control unit.

2. IMPORTANT SAFETY WARNINGS

- **Do not submerge the heat pad or control unit in water.** This product is waterproof but not designed for immersion.

- Keep the heat pad away from water and flammable materials.

- Do not rest the terrarium tank directly on the power cord or plastic housing of the control unit.

- Always disconnect power and allow the heat pad to cool completely before folding or stacking it.

- Ensure the temperature probe is securely fixed at the desired monitoring location within the terrarium to prevent inaccurate readings and potential overheating or underheating.

- This product is intended for use with terrariums and similar enclosures. Do not use for purposes other than its intended design.

3. PACKAGE CONTENTS

Verify that all components are present in the package:

- Pymeter Reptile Heating Pad (8"x12")
- Integrated PID Thermostat and Timer Control Unit
- Temperature Probe
- Nano Traceless Strong Adhesive Tape
- Instruction Manual (this document)

4. PRODUCT SPECIFICATIONS

Figure 2: Detailed specifications and dimensions of the heating pad and control unit.

Feature	Detail
Model Number	PY-RHP812
Dimensions	8" x 12" (Heating Pad)
Power	120V, 16W
Temperature Control Range	40°F ~ 131°F
Temperature Accuracy	±1°F
Suitable Terrarium Size	30 to 40 gallons
Material	Premium PVC
Weight	14 ounces

5. SETUP AND INSTALLATION

Follow these steps to properly install your Pymeter Reptile Heating Pad:

1. **Prepare the Surface:** Ensure the terrarium surface where the heat pad will be applied is clean, dry, and free of dust or debris.

2. **Apply Adhesive Tape:** Use the provided nano traceless strong adhesive tape to secure the heat pad to the desired location on the terrarium. The pad can be mounted on the sides or bottom of the tank. This adhesive allows for removal and reuse without leaving residue.

3. **Position the Heat Pad:** Place the heat pad on the exterior surface of the terrarium. For optimal heat distribution, ensure it is positioned where your reptile will benefit most from the warmth.

4. **Install the Temperature Probe:** Fix the temperature probe securely at the hot spot within the terrarium where you need to monitor or maintain the temperature. This is crucial for accurate temperature regulation. Avoid placing the probe directly on the heat pad's surface inside the tank, as this may lead to inaccurate readings.

5. **Connect Power:** Plug the heat pad's power cord into a standard 120V power outlet.

Figure 3: Example of heat pad installation on a terrarium side and probe placement.
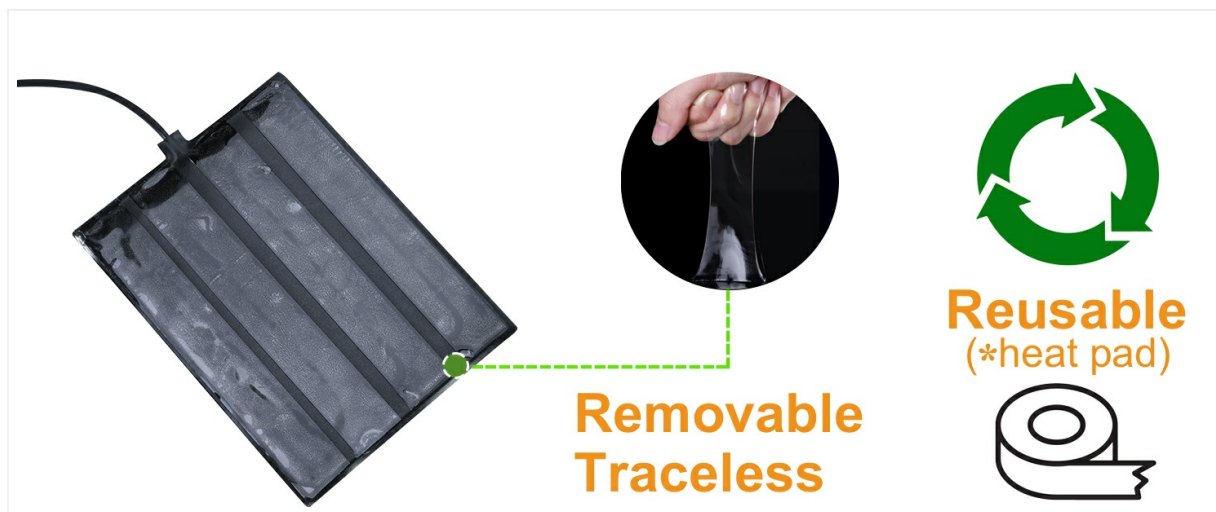
Figure 4: The removable and reusable adhesive tape for secure mounting.

6. OPERATING INSTRUCTIONS

The Pymeter Reptile Heating Pad features an integrated PID thermostat and timer for precise control.
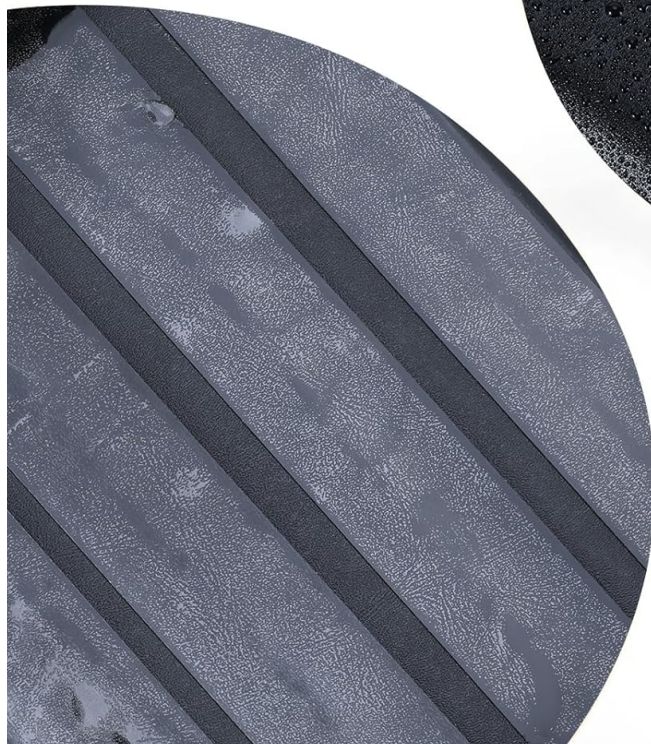
6.1. Setting the Temperature

1. Press the **TEMP** button once to enter temperature setting mode. The current set temperature will flash on the display.

2. Use the **UP** and **DOWN** arrow buttons to adjust the desired temperature. The control range is 40°F to 131°F.

3. After setting, the device will automatically save the setting and exit the setting mode if no operation occurs within 2 seconds.

Figure 5: Thermostat control unit with temperature setting interface.

The PID control system ensures that the temperature is maintained within ±1°F of your set point, preventing large temperature swings and optimizing energy consumption by adjusting power output as needed.
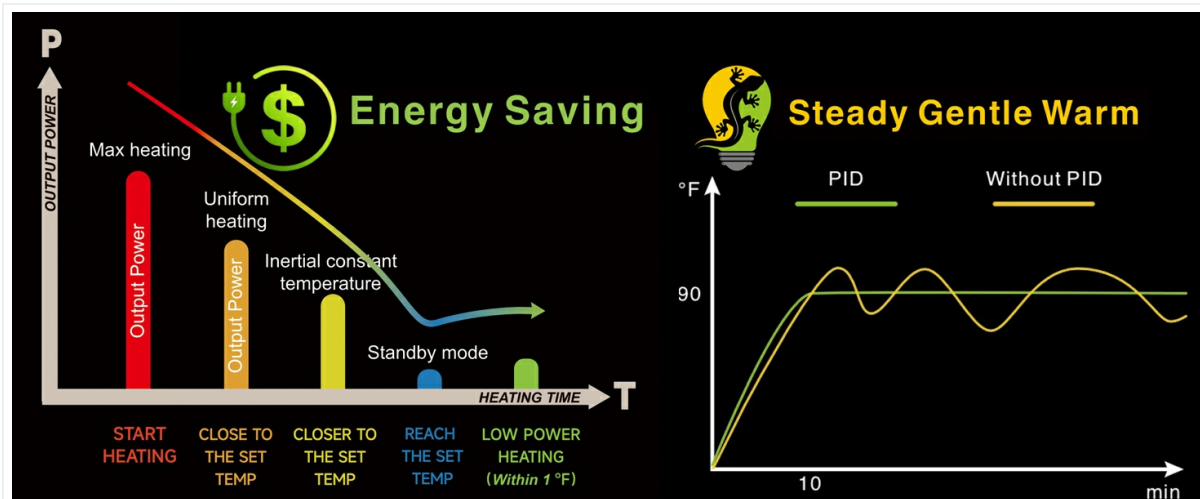

Figure 6: PID control ensures stable temperature and energy efficiency.

6.2. Using the Timer Function

The default timer mode is always "ON". To select a timed operation:

- Press the **TIME** button to cycle through available timer settings: ON, 2 hours, 4 hours, 8 hours, 12 hours.

- Select the desired duration for the heat pad to operate. After the selected time, the heat pad will turn off.

7. MAINTENANCE AND CARE

- **Cleaning:** The heat mat is made from premium PVC material, making it simple to clean. Wipe the surface with a damp cloth. Ensure the unit is unplugged and completely cool before cleaning. Do not use abrasive cleaners or immerse the unit in water.

- **Storage:** When not in use, disconnect the power and allow the heat pad to cool. Store it flat or gently rolled to avoid damage to the internal heating elements. Avoid sharp folds.

- **Adhesive Tape:** The nano traceless adhesive tape is reusable. If it loses stickiness, clean the surface of the tape and the terrarium.

Figure 7: The heat pad features a waterproof surface for easy cleaning.

8. TROUBLESHOOTING

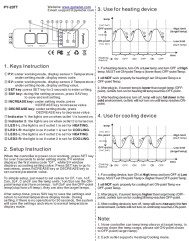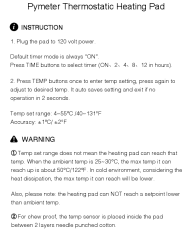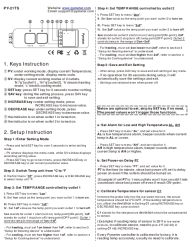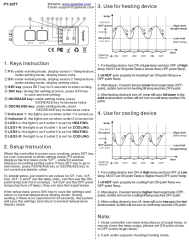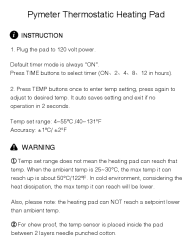| Problem	Possible Cause	Solution
Heat pad not heating or not reaching set temperature.	- Power not connected. - Temperature setting too low. - Probe not correctly placed or dislodged. - Thick substrate or poor insulation.	- Ensure the unit is plugged into a live outlet. - Increase the set temperature. - Verify the probe is securely fixed at the desired hot spot. - Consider reducing substrate thickness or improving terrarium insulation.
Temperature display is inaccurate.	- Probe not in the correct location. - Probe damaged.	- Relocate the probe to the area where accurate temperature monitoring is needed. - Contact customer support if the probe is suspected to be damaged.
Heat pad is too hot.	- Temperature set too high. - Probe not detecting actual terrarium temperature.	- Lower the set temperature. - Ensure the probe is correctly placed within the terrarium and not directly on the heat pad.

9. WARRANTY AND SUPPORT

This Pymeter Reptile Heating Pad comes with a **2-year manufacturer's warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use.
For warranty claims, technical support, or any questions regarding your product, please contact Pymeter customer service. Please have your model number (PY-RHP812) and purchase information ready when contacting support.
Manufacturer: PYMETER

Related Documents - PY-RHP812

[Pymeter PY-20TT Digital Temperature Controller User Manual](#)
Detailed user manual for the Pymeter PY-20TT dual-probe digital temperature controller. Learn about setup, operation for heating and cooling, features, specifications, and support.

[Pymeter Thermostatic Heating Pad Instructions and Warnings](#)
Comprehensive guide to using the Pymeter Thermostatic Heating Pad, covering setup, temperature control, timer functions, and important safety warnings for optimal pet comfort and safety.

[Pymeter PY-21TS Dual Outlet Temperature Controller User Manual](#)
User manual for the Pymeter PY-21TS dual-outlet temperature controller, detailing setup, operation, specifications, and warranty for heating and cooling applications.

[PY-20TT-EU User Manual](#)
User manual for the PY-20TT-EU, providing technical specifications, safety instructions, and operating guidelines in multiple languages.

[Pymeter PY-20TT Digital Temperature Controller User Manual](#)
Detailed user manual for the Pymeter PY-20TT dual-probe digital temperature controller. Learn about setup, operation for heating and cooling, features, specifications, and support.

[Pymeter Thermostatic Heating Pad Instructions and Warnings](#)
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