



REPTITEMP® DIMMING THERMOSTAT

TEMPERATURE CONTROLLER FOR TERRARIUMS

INSTRUCTIONS

ITEM# RT-600P

Congratulations on your purchase of Zoo Med's REPTITEMP® Dimming Thermostat. Please read the following instructions carefully before installing your new thermostat, as they will assist you with proper programming and operation. If you have any questions regarding these instructions or the proper use of this item, please contact our customer service department at zoomed@zoomed.com or by calling (888) 496-6633 (US and Canada only). Customers in other countries, please call (805) 542-9988.

FEATURES:

- Controls heating devices up to 600 watts
- User-adjustable ramp-up and ramp-down duration to mimic the sun's natural rising/setting
- Separate day/night settings for a more natural nighttime temperature drop
- Remote temperature probe with 6.5 ft (2m) cable
- LCD display with an easy-to-use interface
- Built-in memory will store settings in case of power failure
- Temperature control range from 36-140°F (2-60°C)
- Alarm signals when temperature reaches extreme high or low levels

SAFETY INSTRUCTIONS:

IMPORTANT: In order to reduce the risk of fires, electric shock, or personal injury, read and save these instructions prior to operation. Use only with a 120 V, 60 Hz, grounded outlet.

WARNING – DO NOT use this device to control heaters exceeding 600 watts (maximum resistive load).

DO NOT open the housing for any reason, as doing so will void the warranty. Contact Zoo Med to arrange for repair or replacement during the warranty period.

Keep the Programmable Control Unit outside of cages and terrariums; only the remote sensor is to be inside the cage/terrarium.

DO NOT operate the unit with a damaged cord, plug, or other component.

DO NOT alter or modify this product. Contact an electrician if you are unsure about the electrical connection.

FOR INDOOR USE ONLY. NOT FOR USE OUTSIDE.

PROGRAMMING:

When first plugged in, your REPTITEMP® Dimming Thermostat will briefly illuminate all symbols on screen, and then will display default factory settings. After programming, the new settings will be saved in the controller's memory thanks to a button cell battery located at the back of the unit (See Fig 1). In the event of a power failure, or if the unit becomes unplugged, the programmed settings will resume once power is restored. Wait until after the unit has been programmed before plugging in your heating device.

PROGRAMMING:

The REPTITEMP® Dimming Thermostat maintains the optimum temperature in your terrarium without visual disturbances of a typical on/off thermostat. This thermostat mimics the gradual temperature changes that happen during sunrise/sunset with its 'Ramp-Up' and 'Ramp-Down' features. The default duration for both is 30 minutes, but each can be separately adjusted to range from 0-99 minutes.

SETTING TIME OF DAY

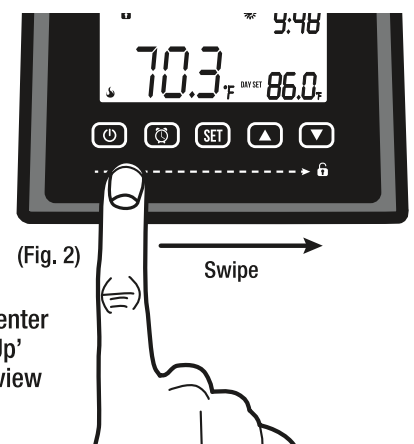
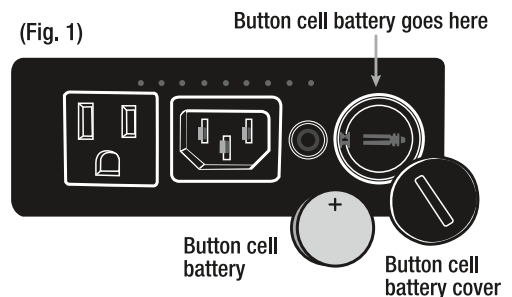
First, unlock the screen by sliding your finger across the dotted line on the bottom of the screen, left to right (See Fig. 2). Touch the 'Clock' icon ⌚ and while the hour digit(s) are flashing, use the 'Up' and 'Down' arrows ▲▼ to adjust to the current hour (note: make sure AM or PM is displayed appropriately). Then touch the 'Clock' icon ⌚ again to set the minutes. The settings save automatically after a change is made.

PROGRAM RAMPING

Unlock the screen if needed, then touch the 'Set' button. The 'Ramp-Up' text will be flashing in the top center of the screen and the current duration settings (in minutes) will display in the top right corner. Use the 'Up' and 'Down' arrows ▲▼ to adjust from the default 30 minutes, if desired. Touch the 'Set' button again to view or change the 'Ramp-Down' settings in the same way.

SETTING DAYTIME AND NIGHTTIME

You need to program your thermostat to have a reference point for when daytime and nighttime temperature settings should occur. Touch the 'Set' button until the 'Day From' value is flashing, then use the 'Up' or 'Down' arrows ▲▼ to adjust the hour. Touch the 'Set' button again to toggle to minutes, and use the 'Up' or 'Down' arrows ▲▼ again to adjust. This tells the thermostat when you want your daytime temperature values to begin (the default setting is 8:00 AM). To program when you want your nighttime temperature settings to take effect, touch the 'Set' button until the 'Night From' option is flashing. Use the 'Up' or 'Down' arrows ▲▼ to adjust as you did with the 'Day From' programming. The default 'Night From' value is 6:00 PM.



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TEMPERATURE PROGRAMMING

To program your daytime temperature, touch the 'Set' button until 'Day Set' is flashing, and then use the 'Up' or 'Down' arrows ▲▼ to adjust accordingly. To program the nighttime temperature, touch the 'Set' button until 'Night Set' is flashing, and then use the 'Up' or 'Down' arrows ▲▼ to adjust accordingly.

ALARM

Touch the 'Set' button until the word 'Alarm' is flashing, and adjust its range using the 'Up' or 'Down' arrows ▲▼. The default setting is '30,' which means the thermostat will alarm when the temperature deviates by 30 degrees from the programmed setting. The alarm can be turned off by setting it to '0.'

TEMPERATURE PROBE

The thermostat includes a waterproof 6.5ft (2m) replaceable temperature probe.

If the temperature probe is near the basking zone and an overhead heat source is used, ensure the probe has shade over it. This is so the tip of the temperature probe is not directly under the heat source, which can lead to a false high-temperature reading.

Alternatively, the thermostat probe can be placed on the cool end of your animal's habitat, and programmed to the upper limit of the suitable ambient temperature for the species being kept. This results in the heat source only being dimmed in rare emergency situations when a room is overheating for some reason, and dimming the lamp prevents the cool end of the enclosure from becoming dangerously warm.

NOTES

When the power is turned on or switches between day/night settings, the alarm will delay for 30 minutes to allow the temperature to stabilize. 'Ramp-Up' will flash when the temperature is transitioning from night to day settings. 'Ramp-Down' will flash when the temperature is transitioning from day to night settings.

Switch from °F to °C by touching the 'Up' and 'Down' arrows ▲▼ at the same time for 6 seconds.

Turn the key tone on by touching the 'Down' arrow ▼ for 6 seconds (the key tones are silenced by default).

The screen will automatically lock if no buttons are touched for 20 seconds.

Always check that the heat source controlled by the thermostat is a suitable match for the size of the habitat and the species being kept. A non-contact laser thermometer, such as Zoo Med's REPTITEMP® Digital Infrared Thermometer (Item# RT-1), can be used to check surface temperatures to ensure they are within safe limits for your pet.

ERROR MESSAGES

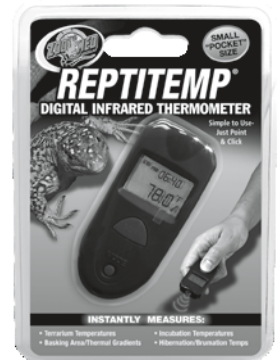
'HHH' indicates a high-temperature alarm or an issue with the sensor.

'- - -' indicates a sensor circuit break, check that the sensor is fully plugged in.

'LLL' indicates a low-temperature alarm.

(Item# RT-1)

Not included, sold separately.



! WARNING

- **INGESTION HAZARD:** This product contains a button cell or coin battery.
- **DEATH** or serious injury can occur if ingested.
- A swallowed button cell or coin battery can cause **Internal Chemical Burns** in as little as **2 hours**.
- **KEEP** new and used batteries **OUT OF REACH OF CHILDREN**
- **Seek immediate medical attention** if a battery is suspected to be swallowed or inserted inside any part of the body.
 - a) Remove and immediately recycle or dispose of used batteries according to local regulations and keep away from children. Do NOT dispose of batteries in household trash or incinerate them.
 - b) Even used batteries may cause severe injury or death.
 - c) Call a local poison control center for treatment information.
 - d) Non-rechargeable batteries are not to be recharged.
 - e) Do not force discharge, recharge, disassemble, heat above 60°C or incinerate. Doing so may result in injury due to venting, leakage, or explosion resulting in chemical burns.
 - f) Ensure the batteries are installed correctly according to polarity (+ and -).
 - g) Remove and immediately recycle or dispose of batteries from equipment not used for an extended period according to local regulations
 - h) Always completely secure the battery compartment. If the battery compartment does not close securely, stop using the product, remove the batteries, and keep them away from children.



WARRANTY

Zoo Med Laboratories, Inc. (Zoo Med) warranties each REPTITEMP® Dimming Thermostat to be free of defects in material and workmanship under normal use and service for 12 calendar months. The obligation under this warranty is limited to the repair or replacement, at Zoo Med's discretion, of the product or any part thereof when the product is returned to Zoo Med, freight prepaid. No claim shall be allowed under this warranty if, in the opinion of Zoo Med, the REPTITEMP® Dimming Thermostat has been subject to accident or improper usage, including but not limited to water damage, improper storage, accidental dropping, etc. This warranty is in lieu of all other warranties and representations, expressed or implied. Please include your receipt, full name, address, phone number, and email address, along with a note explaining failure when sending any product back to Zoo Med. Please allow 4 to 6 weeks for repair or replacement.

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