

WARRANTY

Zoo Med Laboratories, Inc. (Zoo Med) warrants each ReptiTemp® Thermostat Temperature Control product to be free of defects in material and workmanship under normal use and service for **one year from the date of purchase**. 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® Thermostat Temperature Controller 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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ReptiTemp® 500R

REMOTE SENSOR THERMOSTAT

INSTRUCTIONS ITEM RT-500R

Thank you for buying a Zoo Med Reptile Product. Zoo Med is a company run by hobbyists for hobbyists. We make quality reptile products used by zoos, veterinarians and reptile hobbyists throughout the world. Please read the following directions carefully and should you have any questions, feel free to write, phone or e-mail us at the address listed below.

DESCRIPTION

ReptiTemp® 500R:
Remote sensor wire thermostat which will control a maximum of 500 watts of reptile heating devices.



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IMPORTANT SAFEGUARDS

When using electrical appliances, the following basic safety precautions should be followed:

1. **Read And Follow All Instructions Carefully.**
2. **WARNING** — To reduce the risk of fire and electrical shock: **DO NOT USE THIS CONTROL FOR ANY COMBINATION OF HEATERS EXCEEDING 500 WATTS.**
3. Wires or cables to the control should be arranged so that their weight does not pull on the control.
4. Do not immerse the control in water for cleaning.
5. Install all heater plugs prior to plugging control into a wall outlet.
6. Do not allow heavy objects to rest on the control or heater cords.
7. This control is **NOT** designed for use inside the terrarium.
8. This control is **NOT** designed to control the temperature of a rock heater inside the terrarium. (Use Zoo Med's ReptiTemp Rheostat instead.)
9. To reduce the risk of electric shock, this equipment has a polarized plug (one blade is wider than the other). The plug will fit in a polarized outlet only one way. If the plug does not fit fully in the outlet, reverse the plug. If it still does not fit, contact a qualified electrician to install the proper outlet. Do not change the plug in any way.
10. **FOR INDOOR USE ONLY.**

SAVE THESE INSTRUCTIONS

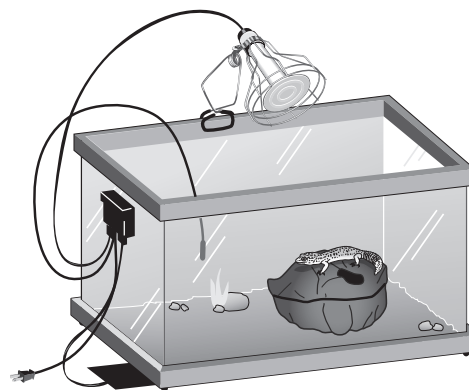
WARNING — FIRE OR ELECTRICAL SHOCK MAY RESULT FROM MISUSE.

MOUNTING INSTRUCTIONS

1. Insert heater plugs into the ReptiTemp® Thermostat's plug receptacles before attaching the ReptiTemp® to the outside glass of your terrarium.
2. Mounting thermostat to terrarium: Peel the release paper from the back side of the thermostat then press thermostat firmly against side or rear glass outside the terrarium. Hold thermostat in position for 1-2 minutes so it will adhere properly. Note: Your thermostat has a Velcro® attachment which will allow you to remove the thermostat for adjustment.
3. Plug control cord into an electrical power source. (Use of an extension cord is not recommended.)
4. Remote Sensor Probe: Place the end of the 6 ft. sensor wire inside the enclosure. Wherever the probe is placed is where the 500R will be sensing the temperature.
5. Set the control knob at the middle setting initially. The thermostat's indicator light should be on, with the power going to the heating devices. If not, turn the knob clockwise (higher) slightly past the point at which the indicator light comes on. When the light goes off, this indicates the terrarium temperature has reached the thermostat's "set point." If you desire higher or lower temperatures then simply turn the thermostat control knob either up or down until the desired temperature has been reached and set. Remember: the indicator light will cycle on and off to show that the thermostat is working and is at a "set" temperature. (Much like the thermostat adjustment on an aquarium heater.)
6. When you are satisfied with the temperature achieved, slip the control safety cover into place so that the long tabs on the inside of the cover fit into the slots along the mid side of the controller housing.

7. **VERY IMPORTANT:** "Wattage versus overall ambient air temperature." When purchasing a reptile heating device make sure it has the ability (i.e.; wattage) to reach the air temperature you desire inside your terrarium. Example: A 150 watt ceramic heat emitter may be able to warm a 30-gallon terrarium to 80°F in a 65-70°F house. However, a 60 watt ceramic heat emitter or spot bulb on a 30 gallon terrarium might not be able to reach 80°F in a 65-70° house!

REMEMBER: When controlling heating devices with the ReptiTemp® Thermostat make sure you have enough **watts of heat** to bring your terrarium up to the desired temperature level.



APPLICATIONS/ADVANTAGES:

Besides your normal glass terrarium, the remote sensor wire feature on the above thermostat is also ideal in the following applications:

Acrylic Terrariums: The ReptiTemp® 500R works perfectly in all acrylic terrariums **10 gallons or larger.**

Iguanariums® and Wire Terrariums: The remote sensor wire can be put at **any level** of the cage for precise temperature control.

Very large glass terrariums: 100 gallons and up whereas the sensor wire will give precise control in the **warm basking area** thus allowing a normal temperature gradient in the rest of the terrarium.

DAY/NIGHT CYCLE FEATURE

Many Reptile Thermostats (currently on the market) have built in day/night cycle features but cost you \$300.00 or more!! Zoo Med's ReptiTemp® 500R can simulate a natural day/night temperature cycle with the simple addition of an inexpensive timer. Here's how it works — say you are heating a 30 gallon terrarium with one 100 watt ceramic heat emitter and one RH-5 (ReptiTherm® Under Tank Heater). Plug the higher 100 watt heating device into the thermostat and plug the UTH directly into the wall. Next plug the thermostat into the timer (make sure the timer is rated for at least 100 watts), and finally plug the timer into the wall. Now as per previous instructions establish your "daytime" temperature set point (with timer in the "on" position). Once a stable set point is established, set the **timer** so it goes **on** at 6:00 A.M. and off at 7:00 P.M. Since the "daytime" temperature set point is maintained using both the ceramic heat emitter and the UTH, during the "night cycle" the temperature will drop due to the shut off of the Ceramic Heat Emitter and Thermostat by the timer.

NOTE: Make sure that the **lower** wattage nighttime heating device has enough watts so your terrarium does not drop more than 10°F at night.

When the timer turns back on in the morning, the thermostat will then automatically re-establish the "daytime" temperature set point.

Lastly, make sure that your lower wattage nighttime heat source is a non-illuminating Ceramic Heat Emitter, Repti Infrared Heat Lamp or Under Tank Heater and not an illuminating type heat bulb as your animals need natural darkness at night.