Helpful Hints:

Use Zoo Med's High Range or Analog Reptile Thermometer to monitor the temperature of your terrarium. To properly monitor the temperature in your terrarium, it is recommended that you use one thermometer per each 20 gallons (i.e. use 2 thermometers for a 40 gallon terrarium etc.). Most reptiles sold in pet shops are tropical species (i.e.; boas, pythons, iguanas, water dragons, etc.) requiring a minimum air temperature of 80ºF (26.6ºC). Heater operates at about 95-100ºF and brings ambient temperture in enclosure up by 2-10ºF. The average house ranges from 65-75ºF (18-24ºC), and requires an additional heat source to keep the terrarium in the safe 80-88ºF (26.6-31ºC) zone. Incandescent lamps, ceramic heat emitters, and heat cables are also good additional heat sources.

Terrarium Top: The screen or glass top plays an important part in the overall temperature control of your terrarium. If you are keeping desert type reptiles, small rodents or your terrarium is in a particularly humid area, we recommend a full screen top. If you are keeping a tropical species (i.e., iguanas, tree frogs, tree agamids, etc...), we recommend using a glass top to cover a portion of the top of your terrarium. This will trap a certain amount of humidity in the terrarium, which is necessary for most tropical species. This will also help to increase the heat in your terrarium should it be placed in a particularly cold area.

Cleaning: Make sure the ReptiTherm® has been ***unplugged*** and ***cooled down*** before cleaning the terrarium.

CAUTION: *Please Read The Following Before Installing Your New ReptiTherm® Heater.*

Any of the following situations constitutes improper use of the ReptiTherm® and can lead to stress cracks and/or other hazards:

- **A gravel or sand substrate deeper than 1.5" (3.81cm) when the heater is on the bottom of the tank. Any other substrate should be no deeper than 2".**
- **A larger size ReptiTherm® on a smaller tank; i.e. 50-60 gallon heater on a 30 gallon tank or multiple ReptiTherm®s under one tank.**
- **Placing the ReptiTherm® inside of a terrarium.**
- **Placing a heat bulb or ceramic heat emitter directly over the area where the ReptiTherm® Heater has been placed, resulting in a high build up of heat.**
- **Placing a hide or decoration directly over the area where the ReptiTherm® Heater has been placed, resulting in a high buildup of heat.**
- **Any other use not described in this manual is not covered by the warranty.**
- **For indoor use only.**

GUARANTEE: ZOO MED Laboratories, Inc., guarantees the materials and workmanship of the ReptiTherm® heater for a period of one year from date of purchase. If heater should fail during this time period, simply mail the heater back to us with a note explaining failure. Please include your receipt. No other guarantees apply whether expressed or implied.

LOOK FOR THESE OTHER QUALITY ZOO MED HEATING PRODUCTS



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REPTITHERM® U.T.H.

UNDER TANK HEATER

INSTRUCTIONS

ReptiTherm® (Product # RH-4, 5, 6)
ReptiTherm® Mini (Product # RH-7)

VERY IMPORTANT INSTRUCTIONS PLEASE READ!

Not following the provided instructions voids any and all guarantees and/or warranties.
USE ON EXTERIOR OF TERRARIUM ONLY.

If anything is unclear in this manual please feel free to contact us for clarification. You can phone, e-mail or write us at our address listed on the back of this manual.

Caution:

- Do not use cedar products, ground corn cob, or walnut shells as a substrate with reptiles or amphibians.
- Do not place your terrarium where it will receive direct sunlight.
- If your house temperatures ***can rise above 80°F (26.6ºC)*** we recommend you use a reptile thermostat (i.e. Reptitemp 500R Thermostat) to shut off/control the heat output of the ReptiTherm® heater. If not using a reptile thermostat please unplug the ReptiTherm® Heater if your inside house temperatures rise above 80°F (26.6ºC).
- The ReptiTherm® is not designed for use with water in any way. That means no turtle aquariums, fish tanks, paladariums, or any other situation where there is any water (with or without gravel or other substrates) on the bottom of the cage.

Please read the following before using your new ReptiTherm® Heater.

Warning: Risk of electric shock.

The ReptiTherm® Heater is for indoor use only.

Do not submerge the heater for any reason.

Do not rest tank on cord or plastic housing.

Discard pad if it shows any signs of deterioration such as cracking, blistering, melting, or discoloration.

Follow all instructions.

Inspect cord periodically. Do not use if cord is damaged or frayed.

Warning: Risk of fire.

Never mount the ReptiTherm® heater in a manner that would ***encapsulate heat.*** (i.e. mounting it on the bottom of a terrarium and then setting the terrarium directly on any type of table or the floor/carpet). ***Always*** use the enclosed rubber feet to elevate your terrarium thus allowing the heat to escape. If unsure of bottom mounting, the side mounting of the ReptiTherm® Heater is the preferred application.

Placement of terrarium:

Do not place on heat sensitive surfaces (i.e. antique furniture, plastic, etc...)

Do not place the terrarium where it will receive direct sunlight.

The ReptiTherm® is for use on standard glass aquariums only. We cannot be responsible for custom or homemade cages and use of the ReptiTherm® on such cages will not be covered by the warranty. Do not use the ReptiTherm® on anything other than glass terrariums:

NO ACRYLIC cages

NO METAL cages

NO WOOD cages

NO PLASTIC cages ***(Only the RH-7 Mini is suitable for use on "Keeper" type plastic cages because of it's low heat output. Always place the heater on the back or side wall of this type of cage)***

NO FOAM cages

NO FIBERGLASS cages

NO STONE cages

Hot Weather:

ALWAYS unplug your ReptiTherm® heater if the inside of your house rises above 80ºF (26.6ºC). (Unless using a reptile thermostat to control the heater.)

Water Dish placement, substrate and cleaning:

DO NOT PLACE WATER DISH ABOVE HEATER. Avoid spilling or spraying water on glass where heater is attached; water spilled directly on the glass where the heater is could cause a stress crack. Note: If the bottom of your terrarium ***can get wet*** this could cause a "stress crack" with this type of heater. ***Always*** use a substrate that will ***absorb water and*** keep your water dish on the ***opposite*** side of the terrarium from the ReptiTherm® Heater. Because of the many variables involved in terrarium glass thickness, set up and husbandry, Zoo Med does ***not*** guarantee against ***stress cracks*** in your terrarium. If you wish to maximise against the possibility of stress cracks from water spills, ect., then we recommend side mounting of the ReptiTherm® Heater. (See Diagram 2).

INSTRUCTIONS: PLEASE READ CAREFULLY

Bottom Mounting: Clean the surface of the terrarium, peel adhesive paper off back of heater and "stick" the heater to the bottom of your terrarium; remember to place heater on either the right or left side of terrarium and gently rub heater to make firm contact. This allows one side of your terrarium to be warmer than the other, providing a natural temperature gradient. The ReptiTherm® must be stuck to the terrarium.

Rubber Feet: Remove adhesive paper and stick the rubber feet to each of the four bottom corners of your terrarium. This allows slight elevation of the terrarium ***thus allowing excess heat to escape*** (very important).

Moving or Detaching Heater: ***DO NOT*** remove the Heater once it has been attached to your terrarium. ***REMOVAL*** of the heater once attached voids all guarantees as this can easily damage the internal wire connections.

Side Mounting: If your terrarium is located on any type of antique stand or dresser or if there is fabric (i.e; tablecloth, etc...) underneath your terrarium then ***side mounting*** of the ReptiTherm® Heater is preferred. To side mount, simply remove adhesive paper from the back of the ReptiTherm® Heater and "stick" to the lower right or left side of your terrarium (see Diagram 2).

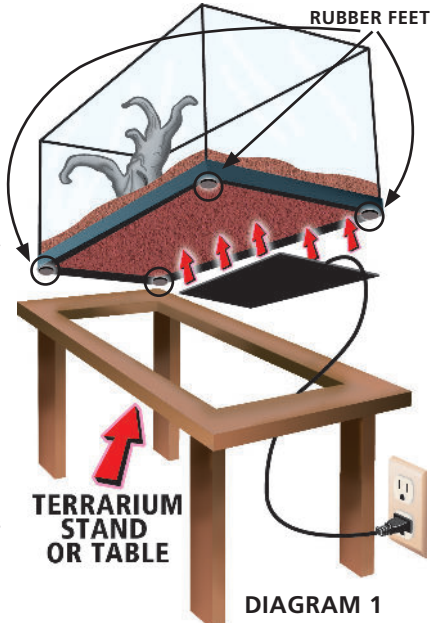


DIAGRAM 1

Substrate: If the ReptiTherm® is on the bottom of the tank, you must use some type of substrate material. Good substrate choices are Zoo Med's Eco Carpet™, Zoo Med's Repti Sand® or Zoo Med's Repti Bark®. If using very lightweight substrates such as aspen shavings or sphagnum moss, you must put a layer of Zoo Med's Eco Carpet™ down first. This prevents snakes and burrowing reptiles from pushing substrate aside and resting on top of the glass directly above the heater, resulting in possible burns! ***Using newspaper, paper towels, cloth towels, or any similarly light product in place of a substrate is not appropriate with this kind of heater, and such use will void any and all guarantees and release Zoo Med from any liability for damage to product, property, or animals.*** Also, some liners or cage inserts have plastic or rubberized backings that could melt; use such items with caution. We recommend Zoo Med's Eco Carpet™ for safe use with a ReptiTherm®. When using gravel or sand type substrates, ***it is important to use no more than 1.5" (3.81cm) depth of gravel/sand type substrates. Slate or tile cannot be used as a substrate.***

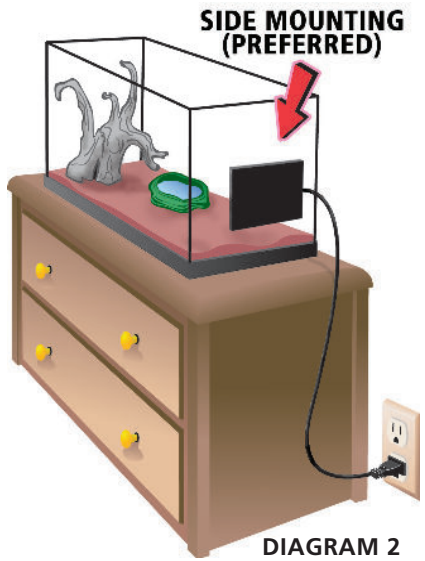


DIAGRAM 2

Plug Heater In: The ReptiTherm® is designed to slowly heat glass, and then the air inside of your terrarium. The heater will take a minimum of six hours before you get an accurate temperature reading in your terrarium. If your animal spends all of its time near the heater it means that there is not enough heat in the cage. Supplemental heat should be added immediately.