



100 WATTS

item# PH-100

PALUDARIUM HEATER 100

PROGRAMMABLE PALUDARIUM HEATER

INSTRUCTIONS

Congratulations on your purchase of Zoo Med's PALUDARIUM HEATER Programmable Aquatic Heater! The following instructions will assist you with the proper set-up and operation of this unit. Please read the following instructions carefully. 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:

- 100 WATTS for heating up to 30 gallons of water.
- SAFETY: The PALUDARIUM HEATER will automatically shut off if removed from water.
- PROGRAMMABLE: Simply attach to inside wall of your enclosure and plug in, select the temperature you would like by pressing the 'Set' button on the cord. Heater is adjustable from 68-93°F (20-34°C).

IMPORTANT SAFETY NOTICE!

To reduce the risk of fire, injury, or electric shock, read and follow these instructions prior to operating this heater. Save these instructions for future reference.

SAFETY INSTRUCTIONS:

- Caution must be taken when using electrical appliances in water. To reduce the risk of injury or electric shock, be sure that the heater is unplugged during any of the following situations:
 - Unplug when installing the heater in your habitat.
 - Unplug when performing habitat maintenance.
 - Unplug before placing your hand(s) in the water of the habitat. Be sure that your hands are completely dry before plugging the heater into an appropriate electrical outlet.
 - Unplug when not in use.
- When unplugging the heater, grasp the plug to prevent damage to the power cord. Never pull on the power cord to unplug the heater.
- **DO NOT** splice, repair, or modify the power cord. Inspect the power cord periodically for damage.
- Plug heater into GFCI protected outlet and incorporate a drip loop as described in these instructions.
- If an extension cord is necessary, be sure to use a cord with the appropriate electrical rating.
- The heating element inside this heater is encased in glass. Inspect glass periodically for signs of damage or breakage. Discontinue use immediately if damage is observed or suspected.
- Unplug heater and allow it to cool before removing it from water for any reason.
- For indoor use only.
- For use in water in aquatic habitats only.
- Keep children and household pets (other than your aquatic pet(s) away from heater.
- Pets can mistake various objects for food. If you observe your pet attempting to bite or chew any part of the heater, including but not limited to the power cord, unplug and discontinue use immediately. If you suspect that your pet is biting or chewing on the heater, unplug and discontinue use immediately.
- **DO NOT** alter or modify this product. Contact an electrician if you are unsure about the electrical connection.

DRIP LOOP: This heater must be used near an appropriate GFCI receptacle with a "drip loop" (see figure 1). The drip loop will prevent water from running along the power cord and getting the plug or wall receptacle wet. To create a drip loop, be sure that a portion of the power cord is lower than the level of the wall receptacle as shown in figure 1. If for any reason the plug or wall receptacle gets wet, do not grasp or unplug the power cord until after the power has been switched off at the main fuse or circuit breaker.

GROUND FAULT PROTECTION:

To reduce the risk of electric shock, this heater must be plugged into a GFCI receptacle (see figure 2). If you are unsure about the electrical supply and connection, contact a qualified licensed electrician.

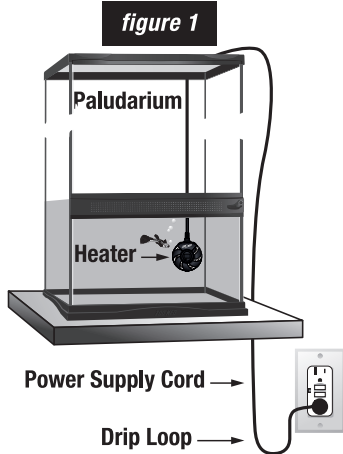
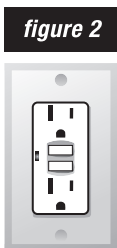


figure 1

figure 2

INSTRUCTIONS:

Carefully inspect new heater for signs of damage. Pay close attention to heating element and glass casing around heating element. If damage is observed or suspected, **DO NOT USE**. Contact Zoo Med's customer service department.

HEATER INSTALLATION:

With the heater unplugged, perform the following steps to install your new PALUDARIUM heater.

- Rinse new heater under running water before placing in your aquatic habitat.
- Select the ideal location on the side or back wall of the habitat. Heater must be fully submerged in water. Check to make sure that the suction cups are securely attached to the wall of the habitat.
- If possible, place the heater near the filter outlet to improve circulation of heated water and to achieve even heating throughout the habitat.
- Allow heater to acclimate to the water temperature for 20 minutes before initial operation.

HEATER OPERATION:

- After performing the installation steps above, plug the heater into an appropriate GFCI outlet. Be sure to incorporate a drip loop as described and illustrated in figure 1.
- When plugging the heater in, the set temperature will flash briefly on the display. After a few seconds, flashing will stop and the actual water temperature will then be shown on the display. To change the set temperature, press the 'SET' button on the cord until desired temperature is shown.
- When heating, the red indicator light next to the words "ON/OFF" will illuminate. Shortly after reaching the set temperature, the heating element will automatically turn off and the indicator light will go out. Heating will resume and the indicator light will turn on when the temperature drops below the set temperature.



SAFETY SHUT-OFF:

- This heater is equipped with a safety shut-off feature that turns the heating element off if the heater is exposed to air. If the heater accidentally comes out of the water, or if the water level drops below the level of the heater, the heating element will shut-off and "E1" will flash on the display.
- Normal operation will resume when the heater is again submerged completely in water. Be sure to maintain the appropriate water level in the habitat to prevent this from occurring.
- Periodically check to make sure that the suction cups are securely attached to the side or back wall of the habitat to prevent the heater from coming out of the water.



MAINTENANCE:

- Check the suction cups often for wear and make sure that they are securely attached to the glass in the habitat. It is recommended to check the suction cups at regular intervals, for example, during water changes. Replacement suction cups are available online at www.zoomed.com on the store page.
- Periodically inspect the heater for any signs of damage. If damage is observed or suspected, unplug and discontinue use immediately.

ACCESSORIES:

- If desired, the power cord can be held in place using Zoo Med's Mag Clip magnetic suction cup replacements. Simply choose the small clip that fits the power cord, screw it into the magnetic base, and attach to the side or back wall of the habitat.
- The Paludarium filter can be used to help circulate the heated water throughout the habitat. Simply place the filter outlet near the PALUDARIUM heater to improve water flow and promote even heating.



Mag Clip
Item# MS-1



Paludarium Filter 10
Item# PF-10
Paludarium Filter 20
Item# PF-11

WARRANTY:

Zoo Med Laboratories, Inc. (Zoo Med) warrants this 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, this product has been subject to accident or improper usage, including but not limited to: water damage, improper storage, accidental dropping, modification, 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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