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Zoo Med 976208



Zoo Med Repticare 100 Watt Ceramic Infrared Heat Emitter Instruction Manual

Brand: Zoo Med | Model: 976208

1. INTRODUCTION

The Zoo Med Repticare 100 Watt Ceramic Infrared Heat Emitter is designed to provide a consistent 24-hour heat source for all reptiles. This porcelain heating device screws into a standard porcelain incandescent socket, emitting intense, muscle-penetrating infrared heat without producing any visible light. Its flat-faced design enhances efficiency and longevity compared to conical designs, which can accumulate excess internal heat.

Key Features:

- **Efficient Flat Face Design:** More efficient and longer-lasting than traditional conical designs.
- **Suitable for High Humidity Terrariums:** Designed to perform reliably in humid environments.
- **Significant Temperature Increase:** Capable of increasing terrarium air temperature by 10-20°F (5-11°C) above the surrounding room temperature.



Image: The Zoo Med Repticare 100 Watt Ceramic Infrared Heat Emitter in its retail packaging.

2. IMPORTANT SAFETY WARNINGS

Failure to follow these safety instructions may result in fire, electric shock, injury, or damage to the product or property.

- **Electrical Safety:** Always disconnect power before installing, removing, or cleaning the emitter. Ensure the emitter is screwed into a standard porcelain incandescent socket (E26 base) rated for the wattage of the emitter. Do not use plastic sockets, as they can melt due to intense heat.
- **Burn Hazard:** The emitter surface becomes extremely hot during operation and remains hot for a significant period after being turned off. **DO NOT TOUCH THE EMITTER WHEN IT IS ON OR RECENTLY TURNED OFF.** Allow ample time for cooling. Ensure pets cannot directly contact the emitter surface.
- **Placement:** Position the lamp at a safe distance from your reptile to avoid overheating or burns. Use a protective wire-cage holder if necessary to prevent direct contact.

- **Flammable Materials:** Keep the emitter away from flammable materials such as paper, fabric, or bedding to prevent fire hazards.
- **Water Exposure:** Do not immerse the emitter in water or allow it to come into contact with water splashes, especially when hot, as this can cause cracking or electric shock.
- **Temperature Control:** For precise temperature regulation and to prevent overheating or chilling, it is strongly recommended to use a thermostat with the heat emitter. Always monitor terrarium temperatures with a reliable thermometer.
- **Damage:** Do not strike or damage the emitter. A damaged emitter should be replaced immediately.
- **General Disclaimer:** Do not solely rely on the information presented here. Always read labels, warnings, and directions provided with the product before use.

3. SETUP INSTRUCTIONS

1. **Choose an Appropriate Fixture:** Select a lamp fixture with a porcelain socket (E26 base) that is rated for at least 100 watts. Ensure the fixture is designed for reptile heating and can safely house the ceramic emitter.
2. **Secure the Fixture:** Mount the lamp fixture securely above the terrarium, ensuring it is stable and cannot fall into the enclosure. Use a clamp lamp holder or a dome fixture designed for overhead heating.
3. **Install the Emitter:** Carefully screw the Zoo Med Repticare 100 Watt Ceramic Infrared Heat Emitter into the porcelain socket of the fixture. Do not overtighten.
4. **Positioning:** Place the fixture at a height that provides the desired temperature gradient within the terrarium without allowing direct contact with the reptile. The ideal basking spot temperature for many reptiles is typically between 90-105°F (32-40°C), but this varies by species. Consult species-specific care sheets.
5. **Temperature Monitoring:** Install a reliable thermometer directly under the heat emitter to monitor the basking spot temperature. Use additional thermometers to measure ambient temperatures in cooler areas of the terrarium.
6. **Optional Thermostat:** For precise control and safety, connect the heat emitter to a compatible thermostat. This will regulate the emitter's output to maintain a stable temperature.



Image: Close-up view of the ceramic heat emitter, showing its flat-faced design and screw base.



Image: The ceramic heat emitter being held, illustrating its size and form.

4. OPERATING INSTRUCTIONS

The Zoo Med Repticare Ceramic Infrared Heat Emitter provides a constant source of infrared heat without emitting any light, making it ideal for 24-hour use without disrupting your reptile's natural day/night cycle.

- **Power On:** Once installed in a suitable fixture and positioned correctly, plug the fixture into a power outlet. If using a thermostat, ensure it is properly configured to your desired temperature settings.
- **Initial Warm-up:** Allow the emitter to operate for at least 30-60 minutes to reach its stable operating temperature and for the terrarium to warm up.
- **Monitor Temperatures:** Continuously monitor the basking spot and ambient temperatures using accurate thermometers. Adjust the height of the fixture or the thermostat settings as needed to achieve and maintain the appropriate temperature range for your reptile species.
- **24-Hour Heat:** Since the emitter produces no visible light, it can be left on continuously to provide warmth during both day and night, ensuring a stable thermal environment for your pet.
- **Power Off:** To turn off the emitter, unplug the fixture from the power outlet or use the switch on your lamp fixture/thermostat.

5. MAINTENANCE

- **Cleaning:** Ensure the emitter is completely cool before attempting any cleaning. Wipe the ceramic surface with a dry, soft cloth to remove dust or debris. Do not use water or cleaning solutions directly on the emitter.
- **Inspection:** Regularly inspect the emitter for any signs of damage, such as cracks, chips, or discoloration. Inspect the electrical cord and plug for fraying or damage.
- **Replacement:** Replace the emitter if it shows any signs of damage or if it ceases to function. While designed for long life, ceramic emitters can eventually fail.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Emitter not heating.	No power, faulty socket, or damaged emitter.	Check power connection. Test the socket with another bulb. Replace the emitter if damaged.
Terrarium too hot/cold.	Incorrect emitter wattage, improper placement, or thermostat malfunction.	Adjust emitter height. Verify wattage is appropriate for enclosure size. Check thermostat settings and function.
Rattling sound from emitter.	Internal component loose (rare, but reported).	Discontinue use and replace the emitter.

7. PRODUCT SPECIFICATIONS

Brand	Zoo Med
Model Name	976208
Wattage	100 Watts
Voltage	100-120 Volts
Bulb Base	E26
Material	Porcelain
Light Type	Incandescent (Infrared Heat, No Visible Light)
Product Dimensions	4.2"W x 3.9"H (approx. 10.7 cm W x 9.9 cm H)
Item Weight	0.74 ounces (approx. 21 grams)
Average Life	Up to 60 Months (approx. 25,000 hours)

Special Feature

Made in America

8. WARRANTY AND SUPPORT

Zoo Med products are manufactured to high standards. While specific warranty details are not always explicitly stated on packaging, some users have reported a 2-year warranty for similar ceramic heat emitters. For detailed warranty information, product support, or to report any issues, please contact Zoo Med Laboratories directly.

Manufacturer: Zoo Med Laboratories

Website: www.zoomed.com (Please check the official website for the most current contact information and support resources.)