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Happybuy 25L Reptile Incubator

Happybuy 25L Reptile Incubator User Manual

Model: 25L Reptile Incubator

1. INTRODUCTION

Thank you for choosing the Happybuy 25L Reptile Incubator. This device is designed to provide a stable and controlled environment for incubating reptile and poultry eggs. It features both cooling and heating capabilities, allowing for precise temperature regulation between 5°C and 42°C (41°F to 107°F). Please read this manual thoroughly before operation to ensure safe and efficient use.

BLACK REPTILE INCUBATOR

A perfect thermostat for your reptile or poultry eggs



Image 1.1: The Happybuy 25L Reptile Incubator, suitable for various reptile and poultry eggs.

2. SAFETY INSTRUCTIONS

- Always connect the incubator to a grounded power outlet.
- Do not immerse the unit in water or other liquids.
- Keep the incubator away from direct sunlight, heat sources, and flammable materials.
- Ensure proper ventilation around the unit. Do not block air vents.
- Unplug the incubator before cleaning or performing any maintenance.
- Do not operate the unit if the power cord or plug is damaged.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory, or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Use only the provided power cords (AC and DC).

3. PRODUCT OVERVIEW

3.1 Components

- Incubator Unit
- Two Removable Shelves
- Water Tray
- AC Power Cord (110V)
- DC Power Cord (12V for car use)

3.2 Features

- **Precise Temperature Control:** Adjustable from 5°C to 42°C (41°F to 107°F) in 1°C increments.
- **LED Digital Display:** Shows current chamber temperature.
- **External Control Buttons:** For easy temperature adjustment and light control.
- **25L Capacity:** Spacious interior with two removable shelves creating three platforms.
- **Humidity Management:** Includes a water tray to maintain desired humidity levels.
- **Visible PVC Door:** Allows observation without disturbing the incubation process.
- **Internal Air Circulation Fan:** Ensures even temperature distribution.
- **Built-in Handle:** For convenient portability.
- **Dual Power Supply:** Operates on 12V DC (car) or 110V AC (home).



Image 3.1: Digital temperature control panel and internal air circulation fan.



Image 3.2: The 25L interior with removable shelves and water tray.

4. SETUP

1. **Unpack the Incubator:** Carefully remove all packaging materials and inspect the unit for any damage.
2. **Choose a Location:** Place the incubator on a stable, level surface away from direct sunlight, drafts, or extreme temperature fluctuations. Ensure there is adequate space around the unit for air circulation.
3. **Install Shelves:** Insert the two removable shelves into the desired positions within the incubator. These shelves create three platforms for egg placement.
4. **Add Water to Tray (for humidity):** If humidity is required for your eggs, fill the water tray with distilled water and place it at the bottom of the incubator. Monitor humidity levels with a separate hygrometer if precise control is needed.
5. **Connect Power:**
 - For home use, connect the AC power cord to the incubator and then to a standard 110V wall outlet.
 - For car use, connect the DC power cord to the incubator and then to a 12V cigarette lighter socket in your vehicle.



Image 4.1: Connecting the incubator using either AC or DC power cords.

5. OPERATING INSTRUCTIONS

1. **Power On:** Press the "ON/OFF" button on the control panel to turn on the incubator. The LED display will illuminate, showing the current internal temperature.
2. **Set Temperature:** Use the "UP" and "DOWN" buttons to adjust the desired incubation temperature. The temperature can be set between 5°C and 42°C. The unit will automatically heat or cool to maintain the set temperature.
3. **Monitor Temperature:** While the incubator's LED display shows the internal temperature, it is recommended to use an independent, calibrated thermometer placed near the eggs to verify accuracy and ensure optimal conditions. Some users report a slight offset between the display and actual temperature.
4. **Manage Humidity:** Regularly check the water tray and refill with distilled water as needed to maintain the desired humidity level. The visible PVC door allows for observation without opening the main chamber.
5. **Egg Placement:** Carefully place your eggs on the shelves. Ensure adequate spacing between eggs for air circulation.
6. **Internal Light:** Press the "LIGHT" button to turn the internal light on or off for better visibility of the eggs.
7. **Recommended Incubation Temperatures:**
 - For most poultry eggs (e.g., chickens, ducks, quails), a temperature range of 35-38°C (95-100°F) for approximately 21 days is suggested.
 - For reptiles like snakes, wall lizards, and turtles, specific temperature requirements vary by species. Consult species-specific guides for optimal incubation parameters.
8. **Power Off:** Press the "ON/OFF" button again to turn off the incubator when not in use.



Image 5.1: The built-in handle for portability and the visible PVC door for observation.

6. MAINTENANCE

- **Cleaning the Interior:** After each incubation cycle, unplug the unit and remove the shelves and water tray. Wipe the interior surfaces with a damp cloth and a mild disinfectant solution. Ensure all surfaces are dry before next use.
- **Cleaning the Exterior:** Wipe the exterior with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Water Tray:** Clean the water tray regularly to prevent mold or bacterial growth.
- **Fan Maintenance:** Periodically check the internal fan for dust accumulation. If accessible, gently clean with a soft brush or compressed air while the unit is unplugged.
- **Storage:** When not in use for extended periods, clean the incubator thoroughly, ensure it is completely dry, and store it in a cool, dry place.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Incubator not powering on	No power supply; damaged cord/plug	Check power connection and outlet. Ensure power cord is securely plugged in. Inspect cord for damage.
Temperature fluctuates significantly	External environmental factors; unit malfunction	Ensure incubator is in a stable environment away from drafts or direct heat. Verify temperature with an external calibrated thermometer. If fluctuations persist, contact support.
Humidity too low/high	Insufficient/excessive water in tray; external humidity	Adjust water level in the water tray. Use a hygrometer to monitor. Ensure the door is properly sealed.
Unit making unusual noises (e.g., continuous beeping)	Internal malfunction	Unplug the unit for a few minutes and plug it back in. If the issue persists, discontinue use and contact customer support.

8. SPECIFICATIONS

Feature	Detail
Brand	Happybuy
Model	25L Reptile Incubator
Capacity	25 Liters
Temperature Range	5°C to 42°C (41°F to 107°F)
Power Supply	12V DC / 110V AC
Material	Plastic
Item Dimensions (LxWxH)	13 x 15.1 x 19 inches (33 x 38.4 x 48.2 cm)
Item Weight	18.5 pounds
Special Feature	Precise Temperature Control



9. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the documentation included with your purchase or contact the seller directly. Happybuy products typically come with a manufacturer's warranty. Keep your purchase receipt for warranty claims.

No official product videos from the seller were found for this item.