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› [Brinsea TLC-30 Eco Portable Pet Brooder & Recovery Incubator User Manual](#)

Brinsea USHD380C

Brinsea TLC-30 Eco Portable Pet Brooder & Recovery Incubator

Model: USHD380C

Brand: Brinsea

INTRODUCTION

The Brinsea TLC-30 Eco is a versatile and portable pet brooder and recovery incubator designed for the care of newly hatched birds, newborn puppies, kittens, and other small animals. It serves as an intensive care unit for sick, injured, or orphaned animals, making it suitable for wildlife rescue and pet breeding applications. This unit prioritizes portability, ease of cleaning, and precise temperature control to provide a safe and stable environment for vulnerable animals.

The TLC-30 Eco operates at 12 Volts for safety and can be powered from the mains using the supplied adapter. An optional cigarette lighter car adapter is available for mobile use.



Figure 1: The Brinsea TLC-30 Eco providing a warm and secure environment for newborn puppies.

KEY FEATURES

- **Portable Design:** Integrated carry handle and stackable for easy transport and storage.
- **Temperature Control:** Analog temperature control with a spirit-in-glass thermometer, adjustable between room temperature and 100°F (37.8°C).
- **Temperature Stability:** Maintained by a quiet, low-speed fan for even heating and minimal disturbance.
- **Ventilation:** Adjustable vent for ample airflow, important for larger animals or warmer environments.
- **Observation:** Clear, tough UV-resistant polycarbonate door for easy viewing of animals.
- **Easy to Clean:** Smooth mirror-finish ABS cabinet, hinged door that lifts off, and removable working parts for thorough cleaning.
- **Durable Construction:** Tough ABS plastic with no vulnerable edges.
- **Capacity:** 9.5-liter internal capacity.

MAIN FEATURES

- Easy to use controls and accurate glass thermometer
- Quick to warm up
- Quiet low speed fan to minimize noise and disturbance
- Clear door for easy observation
- Adjustable fresh air vent



Figure 2: Main features of the Brinsea TLC-30 Eco, highlighting easy controls, quick warm-up, quiet fan, clear door, and adjustable vent.

COMPACT & VERSATILE



Easy to carry



Can be used in vehicle
with adaptor
*adaptor sold separately

Figure 3: The compact and versatile design of the TLC-30 Eco, illustrating its portability with an integrated handle and its ability to be used in a vehicle with an optional adaptor.

SETUP INSTRUCTIONS

- Unpacking:** Carefully remove the TLC-30 Eco from its packaging. Ensure all components are present: the main cabinet, clear door, removable working parts compartment, 110-volt power supply unit, and mains power cable with US plug.
- Placement:** Place the unit on a stable, flat surface away from direct sunlight, drafts, or extreme temperature fluctuations. Ensure adequate space around the unit for ventilation.
- Assembly:**
 - Ensure the removable working parts compartment is securely clipped into place inside the top of the cabinet.
 - Attach the clear door by aligning its hinges with the cabinet and pressing firmly until it clicks into place.
- Power Connection:** Connect the 110-volt power supply unit to the TLC-30 Eco. Plug the mains power cable into the power supply unit, then into a suitable electrical outlet.
- Initial Warm-up:** Allow the unit to warm up for at least 30 minutes before placing any animals inside. This allows the

internal temperature to stabilize.

PARTS INCLUDED

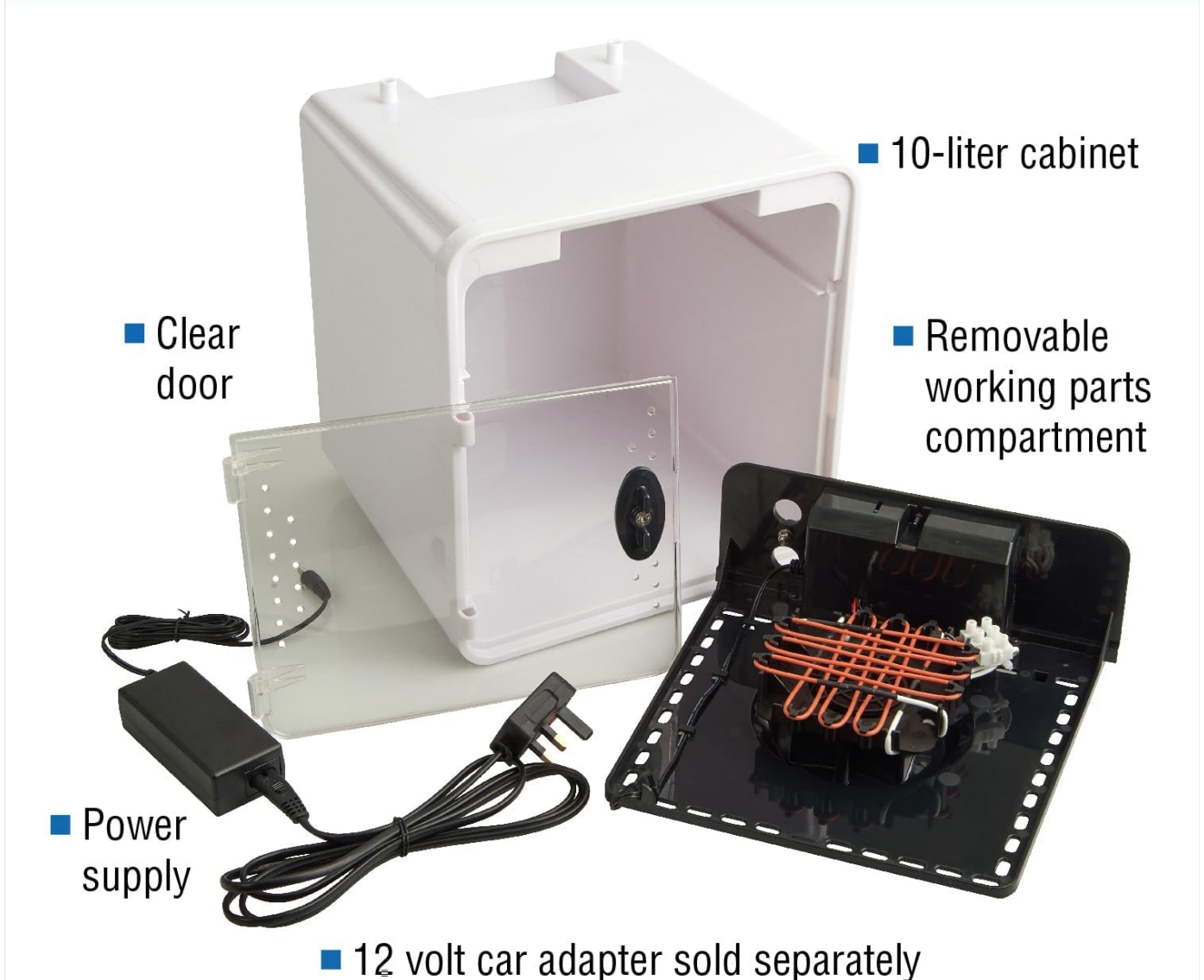


Figure 4: Components of the Brinsea TLC-30 Eco, including the main cabinet, clear door, internal working parts, and power supply.

OPERATING INSTRUCTIONS

Temperature Control

The TLC-30 Eco features analog temperature control. The temperature is displayed on a spirit-in-glass thermometer visible through the clear door. To adjust the temperature:

- Locate the temperature control dial on the front panel.
- Turn the dial to increase or decrease the desired temperature. The temperature can be adjusted between room temperature and approximately 100°F (37.8°C).
- Allow time for the temperature to stabilize after adjustment. The LED indicator light confirms heating status.

SIMPLE CONTROLS

- LED indicator light confirms heating status



- Thermostatic temperature control adjusted by a simple turn of the knob

- Temperature displays on a glass thermometer visible through the clear door

Figure 5: Detail of the simple controls, showing the thermostatic temperature control knob and the spirit-in-glass thermometer for accurate temperature display.

Ventilation

The unit includes an adjustable vent to control airflow. Proper ventilation is crucial for maintaining air quality and preventing overheating, especially for larger animals or in warmer ambient conditions. Adjust the vent as needed to ensure fresh air circulation.

Temperature Stability

Temperature stability within the TLC-30 Eco is maintained by a small, low-speed fan that circulates air evenly. The double-walled cabinet provides heat and sound insulation, contributing to a stable internal environment.

EXCELLENT TEMPERATURE STABILITY



- Double-walled cabinet for heat and sound insulation
- Fan assisted airflow for even heating and optimal comfort of the animals

Figure 6: Illustration of the fan-assisted airflow within the double-walled cabinet, ensuring excellent temperature stability and even heating.

MAINTENANCE & CLEANING

Regular cleaning is essential for maintaining a hygienic environment for the animals and ensuring the longevity of the unit. The TLC-30 Eco is designed for easy cleaning:

1. Disassembly for Cleaning:

- Unplug the unit from the power source.
- The hinged clear door can be lifted off for separate cleaning.
- The working part and fascia (the yellow control panel section) can be unclipped and slid out without tools, leaving the cabinet empty for deep cleaning.

2. Cleaning Procedure:

- Wipe down all surfaces, including the smooth mirror-finish ABS cabinet, with a mild disinfectant solution suitable for animal environments.
- Ensure all parts are thoroughly dried before reassembly.

3. **Regular Inspection:** Periodically check the power cord for any damage and ensure the fan is free of obstructions.

DURABLE & EASY TO CLEAN

- Tough ABS plastic construction with no vulnerable edges for animals to chew



- Removable clear door and working parts compartment for easy cleaning
- Smooth mirror finish Polygiene Biomaster protected for easy maintenance and longer life



Figure 7: The TLC-30 Eco designed for durability and easy cleaning, featuring tough ABS plastic construction and removable components for thorough sanitation.

TROUBLESHOOTING

This section provides guidance for common issues. For problems not listed here, please contact Brinsea customer support.

Problem	Possible Cause	Solution
Unit not powering on	Power cable not connected, power outlet fault, power supply unit fault.	Check all power connections. Try a different power outlet. Ensure the power supply unit is functioning.
Temperature too low/high	Incorrect temperature setting, ambient room temperature too extreme, vent improperly adjusted, fan obstruction.	Adjust the temperature dial. Ensure the unit is in a stable room temperature environment. Adjust the vent. Check for any obstructions to the fan.

Problem	Possible Cause	Solution
Excessive noise	Fan obstruction or malfunction.	Ensure nothing is blocking the fan. If noise persists, contact customer support.
Door not staying closed	Latch mechanism issue.	Ensure the door is properly aligned and latched. If the latch is faulty, contact customer support. <i>(Note: Some users have reported using child safety straps for added security.)</i>

SPECIFICATIONS

- **Model Name:** Brinsea TLC-30 Eco Portable Pet Brooder/Puppy and Kitten Incubator with heating, Incubator for newborn puppies, kittens, birds and other small animals
- **Item Model Number:** USHD380C
- **ASIN:** B07PDTJ2H3
- **Item Weight:** 8.48 pounds (approx. 3.85 kg)
- **Product Dimensions (LxWxH):** 11 x 11 x 12 inches (approx. 27.9 x 27.9 x 30.5 cm)
- **Internal Capacity:** 9.5 liters
- **Power Supply:** 110 volt AC (included)
- **Operating Voltage:** 12 volt DC
- **Temperature Control:** Analog, adjustable from room temperature to 100°F (37.8°C)
- **Manufacturer:** Brinsea Products
- **Color:** Off-white
- **Style:** Analog Temperature Control
- **Included Components:** 110 volt Power Supply Unit, Mains Power Cable with US plug, Pet incubator for puppies, kittens and other small animals.

DIMENSIONS



Figure 8: External dimensions of the Brinsea TLC-30 Eco, measuring 11 inches in width, depth, and height.

WARRANTY & SUPPORT

The Brinsea TLC-30 Eco portable bird brooder and pet incubator comes with a full **3-year manufacturer's warranty**. This warranty is subject to registration within 30 days of purchase.

For warranty claims, technical support, or any inquiries regarding your Brinsea product, please contact Brinsea Products customer service directly. Refer to the contact information provided in your product packaging or on the official Brinsea website.

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This manual is for informational purposes only. Always follow safety guidelines and consult a veterinarian for animal health concerns.

