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› Brinsea TLC-30 Advance Portable Pet Brooder Incubator User Manual

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Brinsea TLC-30 Advance Portable Pet Brooder Incubator User Manual

Model: TLC-30 Advance (Digital Temperature Control)

1. INTRODUCTION AND OVERVIEW

The Brinsea TLC-30 Advance is a portable pet brooder and incubator designed to provide a controlled environment for newly hatched birds, newborn puppies, neonatal kittens, and small animals requiring intensive care. Its robust construction, ease of cleaning, and precise temperature control make it suitable for pet breeding, wildlife rescue, and veterinary applications.

This unit operates at 12V for safety and can be powered from the mains using the supplied adapter. An optional car adapter is available for portable use.



Image 1: The Brinsea TLC-30 Advance incubator with several small, newborn animals resting inside on a soft blanket.

2. SAFETY INFORMATION

- Always ensure the unit is placed on a stable, level surface.
- Do not obstruct the ventilation openings.
- Keep the power cord away from heat sources and sharp edges.
- Only use the power adapter supplied with the unit or a Brinsea-approved car adapter.
- Disconnect the power before cleaning or performing any maintenance.
- Monitor animals regularly while they are in the brooder.
- Ensure the door latch is securely closed to prevent accidental opening, especially during transport. Consider additional safety straps if frequent transport is required.

3. PACKAGE CONTENTS

Verify that all components are present upon unpacking:

- Brinsea TLC-30 Advance Pet Brooder/Incubator Unit
- 110-volt Power Supply Unit

- Mains Power Cable (with US plug)

A 12-volt car adapter is sold separately.

PARTS INCLUDED

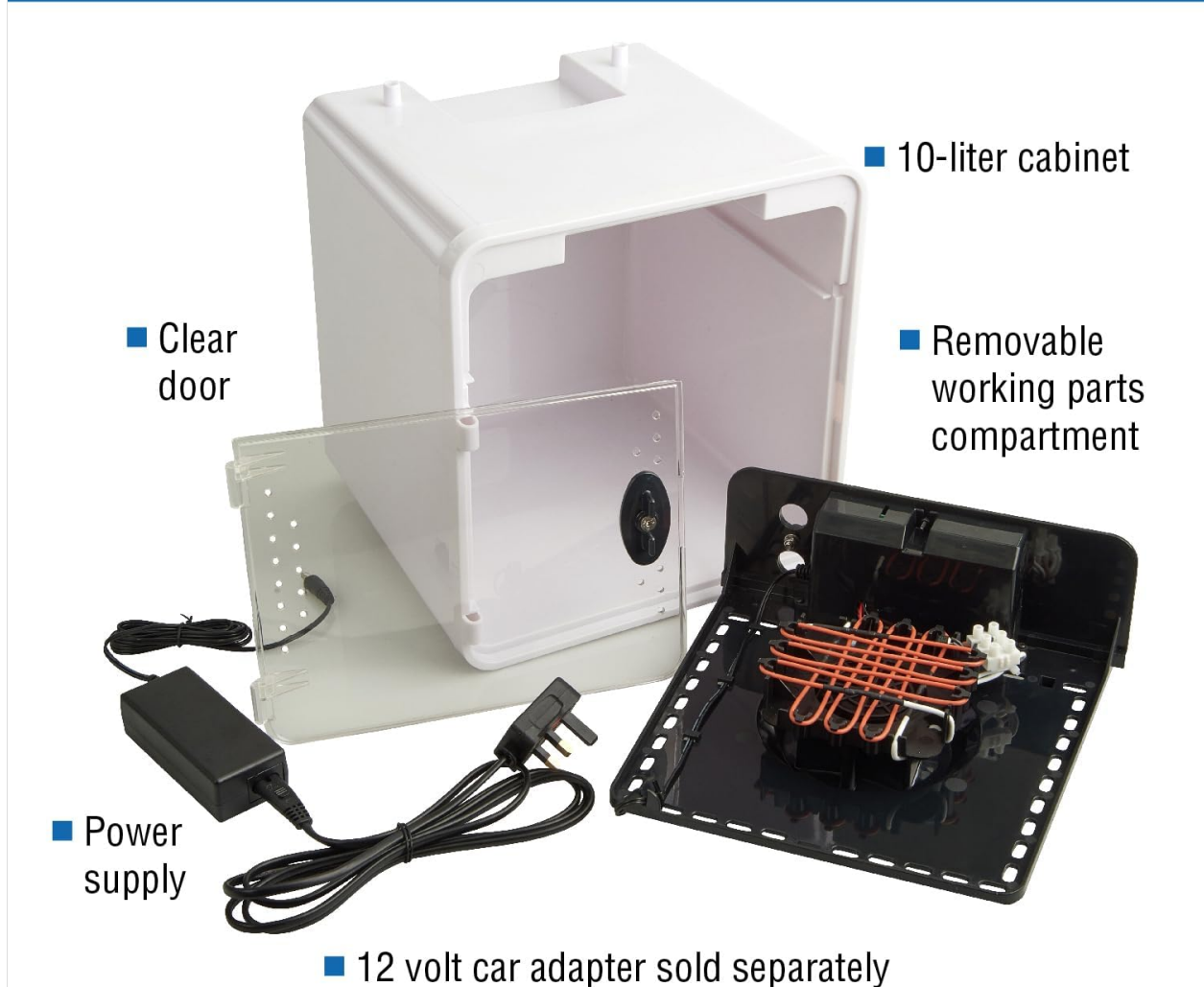


Image 2: An exploded view of the Brinsea TLC-30 Advance, showing the main cabinet, clear door, removable working parts compartment with heating elements, and the power supply unit.

4. SETUP

1. **Placement:** Position the brooder on a flat, stable surface away from direct sunlight or drafts. The unit is stackable; ensure the feet of an upper unit align with the sockets of the unit below for secure stacking.
2. **Power Connection:** Connect the 110-volt power supply unit to the brooder, then plug the mains power cable into a suitable electrical outlet.
3. **Initial Warm-up:** Allow the unit to warm up for at least 30 minutes before placing animals inside to ensure temperature stability.

COMPACT & VERSATILE



Easy to carry



Can be used in vehicle
with adaptor

*adaptor sold separately

Image 3: Two Brinsea TLC-30 Advance units stacked, demonstrating the stackable design. An inset image shows a person carrying the unit by its integrated handle, highlighting its portability.

5. OPERATING INSTRUCTIONS

5.1 Temperature Control

The TLC-30 Advance features a digital control system for precise temperature management.

- **Display:** The digital display shows the current temperature in either Celsius (°C) or Fahrenheit (°F).
- **Adjustment:** Use the menu-driven digital controls to adjust the temperature between room temperature and 100°F (37.8°C). The + and - buttons are used to navigate and adjust settings.
- **Alarms:** The unit includes temperature and power failure alarms. The **OK** button can be used to silence alarms.

PRECISION CONTROLS

- Temperature in C or F – Preset to 86F (30C)



- 3 buttons to control temperature and high/low alarms
-&+ unlock the menu, OK silences the alarms

Image 4: A detailed view of the Brinsea TLC-30 Advance control panel, showing the digital temperature display and the OK, minus, and plus buttons for control and alarm management.

5.2 Ventilation

An adjustable vent allows for control over airflow within the brooder. This is important for maintaining air quality and for larger animals that may require more ventilation, especially in warmer environments or when a lower set temperature is desired.

5.3 Temperature Stability

Temperature stability is maintained by a small, quiet fan that runs at a low speed to minimize disturbance to the animals. The double-walled cabinet provides insulation for consistent internal temperatures.

EXCELLENT TEMPERATURE STABILITY



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

Image 5: An internal view of the Brinsea TLC-30 Advance with arrows indicating the fan-assisted airflow pattern for even heating and optimal comfort.

6. CLEANING AND MAINTENANCE

Regular cleaning is essential for maintaining a hygienic environment for the animals.

1. **Disconnect Power:** Always unplug the unit from the power source before cleaning.
2. **Remove Door:** The hinged clear door can be lifted off for thorough cleaning.
3. **Remove Internal Components:** The working part and fascia simply unclip and slide out without the need for tools, allowing access to the cabinet for deep cleaning.
4. **Clean Surfaces:** The smooth mirror-finish ABS cabinet is designed for easy cleaning. Use a mild disinfectant solution and a soft cloth. Avoid abrasive cleaners.
5. **Dry Thoroughly:** Ensure all parts are completely dry before reassembling and reconnecting power.

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



Image 6: The Brinsea TLC-30 Advance with its clear door open and the internal working parts compartment removed, illustrating the ease of access for cleaning.

7. TROUBLESHOOTING

• Unit Not Powering On:

- Check that the power supply unit is securely connected to both the brooder and the mains outlet.
- Verify the mains outlet is functional.
- Ensure the power cord is not damaged.

• Temperature Not Stable or Not Reaching Set Point:

- Ensure the brooder is not in a drafty area or exposed to extreme ambient temperatures.
- Check that the adjustable vent is not excessively open if a higher temperature is desired.
- Allow sufficient warm-up time (at least 30 minutes) before placing animals inside.
- Confirm the internal fan is operating quietly. Unusual noises may indicate an issue.

• Alarms Sounding:

- Identify if it is a temperature alarm (high/low) or a power failure alarm.
- Address the underlying cause (e.g., adjust temperature, restore power).

- Press the **OK** button to silence the alarm.

- **Door Latch Issues:**

- Ensure the door is properly seated on its hinges.
- Verify the latch mechanism is free of debris and operates smoothly.
- For frequent transport, consider using an external child safety strap or similar mechanism to secure the door.

8. SPECIFICATIONS

Feature	Detail
Model Name	Brinsea TLC-30 Advance
Item Model Number	USHD381C
Capacity	10 liter
Dimensions (LxWxH)	11 x 11 x 12 inches
Item Weight	8.08 pounds
Power Supply	110-volt (mains adapter included), 12-volt (car adapter sold separately)
Temperature Control	Digital, adjustable between room temperature and 100°F (37.8°C)
Alarms	Temperature (high/low), Power Failure
Construction Material	ABS plastic, Polygiene Biomaster protected interior
Target Audience	Birds, small-animal-pets

DIMENSIONS



Image 7: The Brinsea TLC-30 Advance unit with its external dimensions clearly marked as 11 inches in length, width, and height.

9. WARRANTY AND SUPPORT

The Brinsea TLC-30 Advance comes with a full 3-year manufacturer's warranty. This warranty is subject to registration within 30 days of purchase.

For technical support, spare parts, or warranty claims, please refer to the contact information provided in your product packaging or visit the official Brinsea website.