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Brinsea USAB15C

Brinsea Mini II Eco Manual Egg Incubator

MODEL: USAB15C - 10 EGG CAPACITY

INTRODUCTION

The Brinsea Mini II Eco is an entry-level manual egg incubator designed to provide precise electronic temperature control and reliable hatching results for a variety of species. Its compact design and user-friendly features make it an excellent choice for beginners or as a dedicated hatcher. The clear dome allows for continuous observation of the eggs and chicks without disturbing the incubation environment.

This manual provides essential information for setting up, operating, and maintaining your Brinsea Mini II Eco incubator to ensure optimal performance and successful hatches.

PRODUCT FEATURES

- **Entry-Level Incubator:** Affordable manual hen chick egg incubator with a flashing temperature indicator and conventional liquid-in-glass thermometer.
- **Exceptional Visibility & Capacity:** Versatile clear dome design offers outstanding visibility for monitoring eggs and hatching chicks, accommodating 10 standard chicken eggs.
- **Preset Temperature:** Economical incubator is easy to use and temperature comes preset to 99.5 degrees Fahrenheit with tamper-proof adjustment.
- **Enhanced Incubation Environment:** Incorporates fan-assisted air circulation, ensuring a stable and nurturing environment for hatching success and healthy embryo development.
- **Durable & Easy to Clean:** Constructed from robust plastics protected by Polygiene Biomaster for effortless maintenance, offering reliability for hobbyists.

MAIN FEATURES

- Clear dome for exceptional visibility
- Easy to use controls and accurate glass thermometer
- Manual turn incubator also makes an ideal hatcher
- Holds 10 chicken, turkey or duck eggs
- Semi-automatic egg turning kit available separately



Image: Key features of the Brinsea Mini II Eco incubator, highlighting its clear dome, easy controls, manual turning capability, and 10-egg capacity.

SETUP

Before operating your incubator, ensure it is placed on a stable, level surface away from direct sunlight, drafts, or extreme temperature fluctuations. Allow the unit to stabilize at room temperature for several hours before plugging it in.

1. Unpacking and Component Identification

Carefully remove all components from the packaging. Verify that all parts are present as shown in the diagram below:

PARTS INCLUDED



Image: All included parts of the Brinsea Mini II Eco, including the 360-degree view lid, base, water reservoir guard, and power supply.

2. Assembly

1. Place the base of the incubator on your chosen stable surface.
2. Position the clear dome lid onto the base, ensuring it sits securely.
3. Insert the water reservoir guard into its designated slot on the base.

3. Power Connection and Initial Warm-up

1. Connect the power supply to the incubator and then plug it into a suitable electrical outlet.
2. The incubator will begin to warm up. Allow at least 2-3 hours for the temperature to stabilize before placing eggs inside. The factory preset temperature is 99.5°F (37.5°C).
3. Observe the liquid-in-glass thermometer to confirm the temperature. If adjustment is needed, refer to the operating instructions for fine-tuning.

OPERATING INSTRUCTIONS

Successful incubation requires consistent temperature, humidity, and regular egg turning. The Brinsea Mini II Eco provides the necessary environment for these critical factors.

1. Temperature Control and Monitoring

The incubator features precise electronic temperature control, factory preset to 99.5°F (37.5°C). A liquid-in-glass thermometer is visible through the clear dome for easy monitoring. An LED indicator light confirms the heating status.

SIMPLE CONTROLS

- Precise electronic temperature factory preset at 99.5F

- Easy tamper-proof adjustment



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

- LED indicator light confirms heating status

Image: Top view of the incubator highlighting the simple controls, LED indicator, and visible thermometer. For fine-tuning the temperature, use a small screwdriver to adjust the tamper-proof control as needed. Always allow time for the temperature to stabilize after any adjustment.

EXCELLENT TEMPERATURE STABILITY

- Fan assisted airflow for even heating of the eggs and high hatch rates

- External water reservoir top-up
 - No need to open the incubator
 - No temperature fluctuation



Image: The incubator illustrating fan-assisted airflow for even heating and excellent temperature stability.

2. Humidity Management

Humidity is provided by central water reservoirs with a convenient external top-up system. This design allows you to add water without lifting the lid, preventing temperature fluctuations.

- Fill the water reservoirs as instructed in the detailed user manual (not provided here, but typically included with the product).
- Monitor humidity levels (a separate hygrometer may be useful, though not included).
- Top up water regularly, typically daily, using the external port to maintain desired humidity.

3. Egg Placement and Manual Turning

Carefully place up to 10 chicken-sized eggs (or equivalent smaller eggs) onto the egg tray. As this is a manual turn incubator, eggs must be turned regularly, typically 2-3 times per day, from day 1 until 3 days before hatching is expected. Gently rotate each egg by hand to ensure even development of the embryo.

MAINTENANCE

Proper maintenance ensures the longevity and hygienic operation of your Brinsea Mini II Eco incubator.

Cleaning

The incubator is constructed from robust plastics protected by Polygiene Biomaster, which inhibits the growth of harmful bacteria. This makes cleaning effortless.

DURABLE & EASY TO CLEAN



- Polygiene Biomaster protected for easy maintenance and longer life
- Tough ABS plastic construction



Image: The incubator highlighting its durable ABS plastic construction and Polygiene Biomaster protection for easy maintenance.

- After each hatch, or if contamination occurs, thoroughly clean all surfaces of the incubator.
- Use a mild disinfectant solution suitable for plastics. Avoid abrasive cleaners or solvents.
- Ensure all components are completely dry before reassembly or storage.

- Periodically check the fan for any dust or debris accumulation and gently clean if necessary.

TROUBLESHOOTING

If you encounter issues with your incubator, consider the following common troubleshooting steps:

- **Temperature Fluctuations:** Ensure the incubator is placed in a stable environment away from drafts or direct heat sources. Verify the power connection is secure. If using an external thermometer, ensure it is calibrated and placed correctly.
- **Humidity Issues:** Check that the water reservoirs are adequately filled. Ensure the water reservoir guard is correctly in place. Room humidity can affect internal humidity; consider adjusting the amount of water in the reservoirs.
- **Fan Noise:** A slight hum from the fan is normal. If the fan becomes excessively loud or makes unusual noises, ensure it is free from obstructions (e.g., chick down after hatching). If the issue persists, contact customer support.
- **No Power/Indicator Light Off:** Check the power cord connection to both the incubator and the wall outlet. Try a different outlet. If still no power, the power supply unit may need to be checked.

For persistent issues, refer to the comprehensive user manual provided with your product or contact Brinsea customer support.

SPECIFICATIONS

Specification	Detail
Model Name	Brinsea Mini II Eco Manual 10 Egg Incubator
Item Model Number	USAB15C
Capacity	10 Chicken Eggs (approx.)
Dimensions (LxWxH)	12.5 x 12.5 x 7 inches
Item Weight	2.2 Pounds
Material	ABS Plastic
Color	Yellow/Black
Manufacturer	Brinsea Products
Country of Origin	United Kingdom

WARRANTY AND SUPPORT

The Brinsea Mini II Eco Manual Egg Incubator is backed by a **3-year parts & labor warranty**, providing peace of mind regarding your investment.

For technical assistance, warranty claims, or additional product information, please visit the official Brinsea website or contact their customer support directly. Always refer to the full user manual for detailed instructions and safety guidelines.

