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> CluckRun M12-H 12-Egg Incubator Instruction Manual

## CluckRun M12-H

# CluckRun M12-H 12-Egg Incubator Instruction Manual

Your guide to successful egg incubation with the CluckRun M12-H.

## 1. INTRODUCTION

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The CluckRun M12-H Egg Incubator is designed to provide an optimal environment for hatching various poultry eggs, including chicken, quail, duck, and bird eggs. This manual provides detailed instructions for setting up, operating, and maintaining your incubator to ensure a successful hatching experience. Please read all instructions carefully before use.



Figure 1: The CluckRun M12-H 12-Egg Incubator, shown with eggs inside and external water bottles attached.

## 2. PRODUCT FEATURES

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- **Smart Monitoring:** Integrated digital display for precise temperature and humidity monitoring. Features an advanced 2-in-1 humidity control system with an adjustable air vent for flexible management.
- **Automatic Egg Turning:** Mimics natural hen behavior by automatically turning eggs, promoting healthy embryo development. The egg turner can be removed during the final days of incubation.
- **Effortless Humidity Management:** Equipped with AB humidity trays and dual external water bottles, reducing the need for frequent refills and providing automatic humidity control.
- **User-Friendly Temperature Control:** Features a digital temperature system for easy adjustments, making it accessible for both beginners and experienced users.
- **Optimized Airflow:** A 360° airflow circulation system ensures even temperature and humidity distribution, preventing hot and cold spots.
- **Easy Maintenance:** Detachable design with removable trays for simple cleaning and sanitation.
- **Built-in Egg Candler:** Allows for effortless observation of embryo development without disturbing the eggs.

## 3. PACKAGE CONTENTS

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Verify that all components are present in your package:



Figure 2: All components included in the CluckRun M12-H Egg Incubator package: Foam Box, Water Bottles, Incubator Unit, Charger, and Instruction Manual.

- CluckRun M12-H Incubator Unit
- Power Charger
- External Water Bottles (2 units)
- Instruction Manual
- Protective Foam Box (for shipping and insulation)

## 4. SETUP INSTRUCTIONS

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1. **Unpack Components:** Carefully remove all items from the packaging. Inspect for any damage.
2. **Assemble Incubator:** Place the egg turning tray inside the incubator base. Ensure it is seated correctly.
3. **Connect Water Bottles:** Attach the external water bottles to the designated ports (Port A and Port B) on the side of the incubator. Fill them with distilled water. Refer to the 'Humidity Management' section for details on when to use each port.
4. **Power Connection:** Connect the power charger to the incubator and then plug it into a standard electrical outlet. The digital display should illuminate.
5. **Pre-heating:** Allow the incubator to run for at least 2-4 hours before placing eggs inside. This stabilizes the internal temperature and humidity.

## 5. OPERATING INSTRUCTIONS

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### 5.1. Temperature and Humidity Control

# Smart Temperature Control Humidity Display

**Adjustable Air Vent**  
Open or Close for Humidity Control

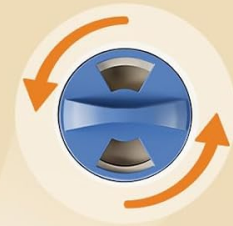


Figure 3: Close-up of the incubator's control panel, showing the digital display for temperature and humidity, along with control buttons and an adjustable air vent.

- **Setting Temperature:** Press the 'Temperature Setting' button once to enter temperature adjustment mode. Use the '+' and '-' buttons to set the desired temperature (e.g., 100°F for chicken eggs). Press 'Temperature Setting' again to confirm.
- **Monitoring Humidity:** The digital display shows the current humidity level. Adjust humidity by adding water to the external bottles and by opening or closing the adjustable air vent on the top cover.
- **Adjustable Air Vent:** The air vent allows for fine-tuning of humidity and airflow. Open it to decrease humidity or increase ventilation, and close it to increase humidity.

## 5.2. Automatic Egg Turning

# Automatic Egg Turning

360-Degree Rotation Ensures Even Heat Distribution



Figure 4: Illustration of the automatic egg turning mechanism, showing eggs rotating every 2 hours for even heat distribution.

- The incubator automatically rotates eggs 360 degrees every 2 hours to ensure even heat distribution and prevent the embryo from sticking to the shell.
- To test the egg turning function, press the 'Egg Turning Test' button for 2 seconds. The eggs will rotate once.
- **Important:** Remove the automatic egg turner during the last 3 days of incubation (lockdown period) to prepare for hatching.

## 5.3. Optimized Airflow

# Advanced Induced Airflow System

No Hot or Cold Spots—Every Egg Gets the Perfect Environment

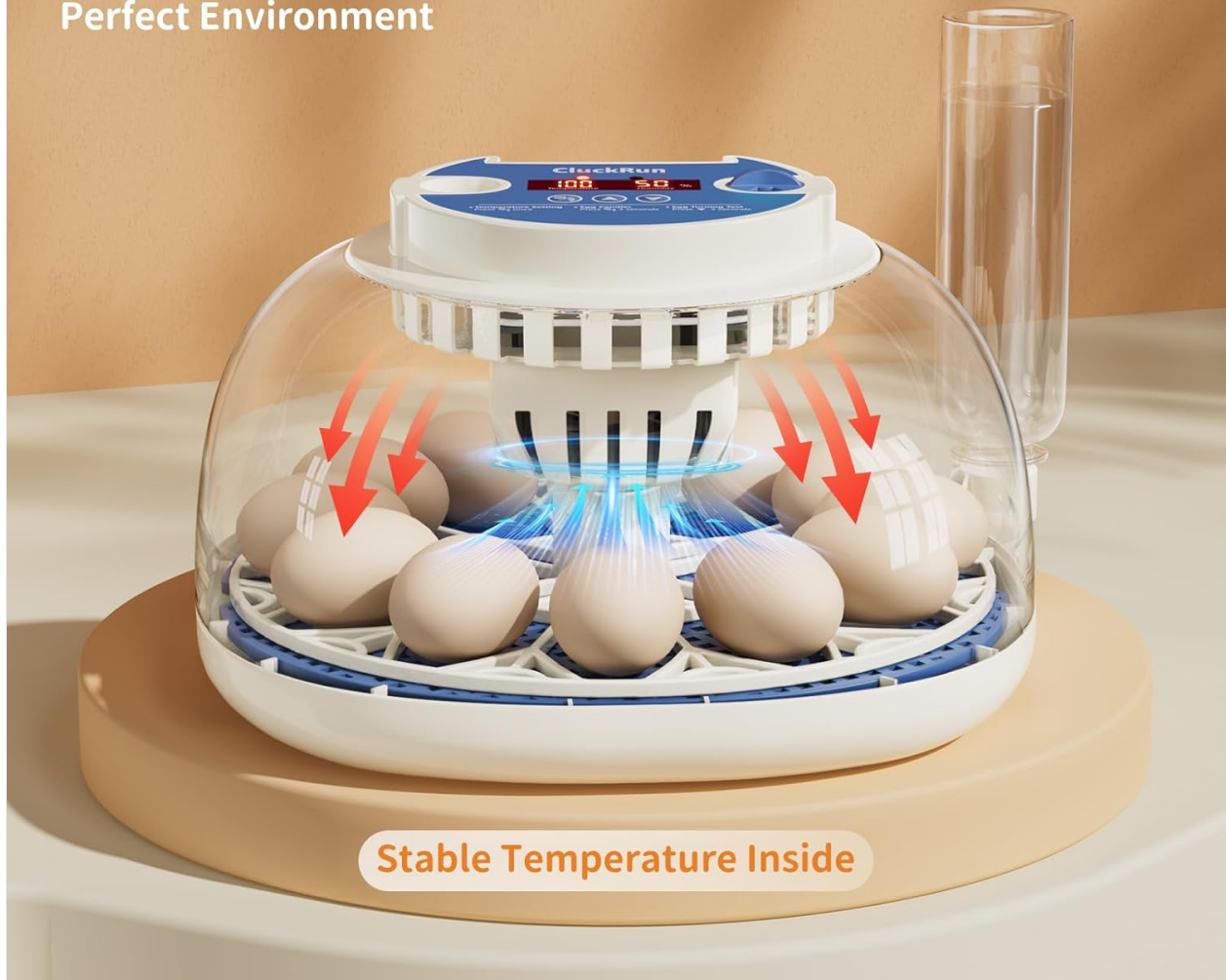


Figure 5: Cross-section view of the incubator demonstrating the 360-degree airflow circulation system, ensuring stable and even temperature distribution.

The incubator utilizes a 360° airflow circulation system to maintain a consistent temperature and humidity throughout the incubation chamber. This design eliminates hot and cold spots, providing a uniform environment critical for embryo development.

## 6. EGG CANDLING GUIDE

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# Built-in Egg Candler

Effortlessly Observe Embryo Development



360° Clear View

Figure 6: A child observing an egg being candled on the incubator, illustrating the ease of monitoring embryo development with the built-in candler.

The built-in egg candler allows you to observe the development of the embryo without opening the incubator. To use, press the 'Egg Candler' button for 3 seconds. Hold an egg over the candler light to view its contents.

## Monitor Embryo Health with Ease!



### Days 5-6

Assess fertilization and remove any unfertilized or non-viable eggs.



### Days 11-12

Evaluate the progress of embryo development.



### Days 16-17

Observe the size and overall development of the embryo.



Figure 7: A visual guide for monitoring embryo health through candling at different stages of development.

- **Days 5-6:** Assess fertilization. Remove any infertile or non-viable eggs. You should see a small dark spot with blood vessels radiating from it.
- **Days 11-12:** Evaluate the progress of embryo development. The embryo should be larger and more defined, with a visible air sac.
- **Days 16-17:** Observe the size and overall development of the embryo. The egg should appear mostly dark, with a clear air sac.

## 7. HUMIDITY MANAGEMENT



Figure 8: Diagram illustrating the automatic external water bottle refill system, showing different ports for various incubation stages.



Figure 9: Images detailing the easy installation of water bottles, the AB humidity control trays, and the adjustable ventilation hole for precise humidity management.

- The incubator features dual external water bottles and AB humidity trays for convenient humidity control.
- **First 18 Days:** Use Port A to maintain the initial humidity level.
- **Last 3 Days (Lockdown):** Use both Port A and Port B to increase humidity for hatching.
- Refill water bottles as needed with distilled water to prevent mineral buildup.

## 8. MAINTENANCE

- **Cleaning:** After each hatch, unplug the incubator and allow it to cool. Remove the egg turning tray and humidity trays. Wash these components with mild soap and water. Wipe down the interior and exterior of the incubator with a damp cloth. Ensure all parts are completely dry before reassembly or storage.
- **Storage:** Store the incubator in a clean, dry place away from direct sunlight and extreme temperatures.

## 9. TROUBLESHOOTING

If you encounter issues with your CluckRun M12-H incubator, please consider the following common solutions:

- **Temperature Fluctuations:** Ensure the incubator is placed in a stable environment away from drafts or direct sunlight. Verify the power connection is secure.
- **Humidity Issues:** Check water levels in external bottles. Ensure the air vent is adjusted correctly for desired humidity.
- **Egg Turner Not Functioning:** Confirm the egg turning tray is properly installed and the power is connected. Test the function using the 'Egg Turning Test' button.
- **No Display:** Check the power connection and ensure the outlet is functional.

For persistent issues, refer to the warranty and support information.

## 10. SPECIFICATIONS

Feature	Specification
Model Name	M12-H

Feature	Specification
Brand	CluckRun
Capacity	12 Eggs
Item Weight	3.6 Pounds
Item Dimensions (LxWxH)	10.2 x 10.2 x 6.9 inches
Automatic Egg Turning	Yes
Humidity Control	Digital Display, External Water Bottles, Adjustable Air Vent
Egg Candler	Built-in

## 11. WARRANTY AND SUPPORT

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The CluckRun M12-H Incubator is backed by a **30-day money-back guarantee**, a **3-year limited warranty**, and **lifetime technical support**. For any questions, concerns, or technical assistance, please contact CluckRun customer service through the retailer where the product was purchased or visit the official CluckRun website.