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## WONEGG Ecohatch30H

# WONEGG 30 Egg Incubator User Manual

Model: Ecohatch30H

## 1. INTRODUCTION

Thank you for choosing the WONEGG 30 Egg Incubator. This automatic incubator is designed to provide an optimal environment for hatching various poultry eggs, including chicken, duck, and quail. It features precise temperature control, automatic egg turning, LED candling, and a humidity monitor to maximize your hatching success. Please read this manual thoroughly before operation to ensure proper use and care of your incubator.



The WONEGG 30 Egg Incubator, designed for efficient and successful egg hatching.

## 2. PRODUCT FEATURES

The WONEGG 30 Egg Incubator is equipped with advanced features to simplify the hatching process:

- **Precision Temperature Control:** Mimics natural hen warmth ( $99.5^{\circ}\text{F} \pm 1^{\circ}\text{F}$  /  $37.5^{\circ}\text{C} \pm 0.5^{\circ}\text{C}$ ) with auto-adjusting technology for high hatch rates.
- **Fully Automatic 360° Egg Turning:** Trays rotate every 2 hours to ensure even heat distribution and prevent embryo adhesion, eliminating manual turning.
- **Real-Time Humidity Display + No-Opening Refill:** Built-in hygrometer and included drip bottle allow humidity adjustment without opening the incubator, crucial for critical hatching phases.
- **Built-In LED Candling Light:** Cold-source LED enables checking embryo development without heat risk, making it easy to observe veins and movement.
- **User-Friendly Design:** Clear PET+ABS viewing window for monitoring, ergonomic handle for transport, and detachable parts for easy cleaning. Quick setup in approximately 5 minutes.

## Precision Temperature Control for Higher Hatch Rate

Smart incubator mimics mother hen's warmth with auto-adjusting tech, achieving up to 90% hatch success.



Precision temperature control ensures optimal hatching conditions.

## Fully Automatic 360° Egg Turning

No manual flipping! This egg incubator auto rotates, pro hatchery tech made simple for home use."

# 360°



Automatic 360-degree egg turning for even heat distribution.

## Built-In LED Candling Light for Egg Tracking

Cold-source LED lets you check embryo development with zero heat risk.



Days 5

Visible spiderweb-like veins.



Days 14

Embryo forms distinct features.



Days 21

Meet your fluffy newborns.



Built-in LED candling light for easy embryo tracking.

## Real-Time Humidity Display + No-Opening Refill

Built-in hygrometer + included drip bottle lets you adjust humidity without opening the incubator.



Humidity display and no-opening refill system for convenience.

### 3. PACKING LIST

Upon opening the package, please verify that all components are present and undamaged:

- 1 x Egg Incubator Unit
- 1 x Power Cable

- 1 x User Manual
- 1 x Water Bottle (for humidity control)
- 1 x Removable Tray
- 1 x Insulation Foam Box (for insulation during operation)

# Home-Use & Energy Efficient

110V home voltage uses just 1kWh/day (like a light bulb).  
Worry-free overnight operation.



Ensure all listed items are included in your package.

## 4. SETUP INSTRUCTIONS

Follow these steps to set up your WONEGG incubator:

- 1. Unpack:** Carefully remove all components from the packaging. Retain the insulation foam box for future use, especially in cooler environments.
- 2. Assemble:** Place the removable egg tray inside the incubator base. Ensure it is seated correctly for the automatic turning mechanism.
- 3. Placement:** Position the incubator on a stable, level surface away from direct sunlight, drafts, or extreme temperature fluctuations. An indoor environment is recommended.
- 4. Power Connection:** Connect the power cable to the incubator and then plug it into a standard 110V AC outlet. The display will light up.
- 5. Test Run:** It is highly recommended to perform a test run for at least 2-4 hours without eggs to familiarize yourself with the incubator's operation and to ensure stable temperature and humidity readings.

### Poultry Incubation Parameters (For Reference ONLY)

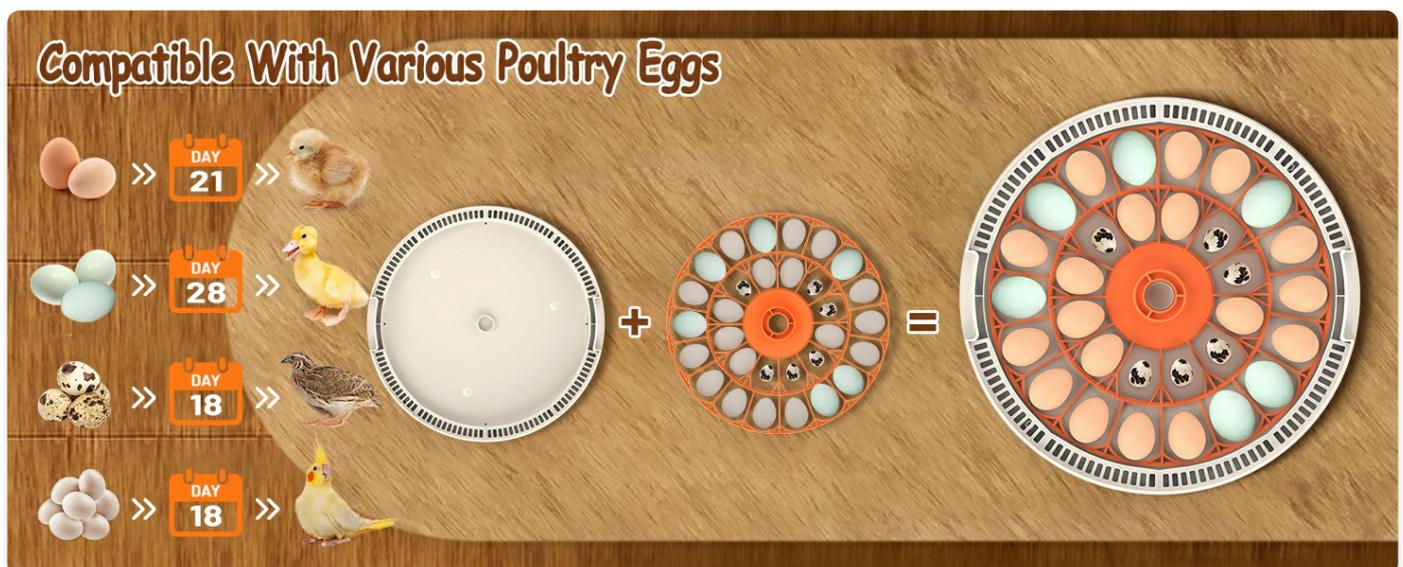
Species	Incubation Period	Temperature (°F/°C)	Humidity (%)	
			(early stage)	(last 3 days)
Chicken	21 days	99.5~100.0°F / 37.5~37.8°C	50%~60%	65%~70%
Duck	28 days	99.5~100.0°F / 37.5~37.8°C	55%~65%	70%~75%
Goose	30~32 days	99.5~100.0°F / 37.5~37.8°C	60%~65%	75%~80%
Pigeon	17~18 days	100.0~100.8°F / 37.8~38.2°C	50%~55%	60%~65%
Quail	16~18 days	99.5~100.0°F / 37.5~37.8°C	55%~60%	70%~75%
Parrot	18~30 days*	99.0~99.5°F / 37.2~37.5°C	40%~50%	60%~70%



Utilize the insulation foam box for optimal performance, especially in rooms below 68°F (20°C).

## 5. OPERATING INSTRUCTIONS

### 5.1 Control Panel Overview



Familiarize yourself with the intelligent controller for easy operation.

- **Temperature Display:** Shows current internal temperature (in Celsius).
- **Humidity Display:** Shows current internal humidity percentage.
- **Heating Indicator:** Lights up when the heating element is active.
- **Setting Indicator:** Lights up when entering settings mode.
- **Egg Candler Button:** Press to activate the LED candling light.
- **Temperature Setting Buttons (Up/Down):** Adjust target temperature.
- **Egg Turning Test Button:** Press and hold for 3 seconds to initiate a manual egg turning cycle.

## 5.2 Incubation Process

1. **Egg Selection:** Choose fresh, fertile eggs that are clean and free of cracks.
2. **Loading Eggs:** Carefully place eggs into the designated slots on the turning tray. The incubator can hold up to 30 chicken eggs.
3. **Temperature Setting:** The incubator comes pre-set to 37.5°C (99.5°F). Adjust if necessary using the temperature setting buttons. Refer to the incubation parameters table below for specific species.
4. **Humidity Control:** Fill the included water bottle with distilled water and use it to add water to the external water channels. Monitor the humidity display and add water as needed without opening the lid.
5. **Automatic Turning:** The incubator will automatically turn the eggs every 2 hours. Do not manually turn the eggs once the automatic turning is active.
6. **Candling:** Use the built-in LED candler to check embryo development periodically. This is typically done around day 5-7 and again around day 14 for chicken eggs.
7. **Lockdown (Last 3 Days):** For the last 3 days of incubation (e.g., Day 18 for chickens), remove the egg turning tray. Increase humidity as per the table below. Do not open the incubator during this period to maintain stable conditions for hatching.

## 5.3 Incubation Parameters (Reference Only)



Recommended incubation parameters for different poultry species.

## 5.4 Chicken Incubation Phases (21 Days - Reference Only)

## Troubleshooting (For Reference ONLY)

Issue	Possible Cause	Solution
Stuck to shell	Low humidity/infrequent turning	Increase humidity to 70%, turn eggs regularly
Early hatching	Overheating	Calibrate thermostat, avoid fluctuations
Weak chicks	Oxygen/nutrition deficiency	Improve ventilation, check egg quality



Key developmental milestones and environmental conditions for chicken incubation.

## 6. MAINTENANCE

Proper cleaning and maintenance ensure the longevity and hygiene of your incubator:

1. **Disassemble:** Gently detach all removable parts, including the egg turning tray and the base.
2. **Wipe Top Cover:** Use a dry, soft cloth to wipe the inside and outside of the top cover. Avoid using abrasive cleaners.
3. **Wash Base Tray:** The base tray can be washed with mild soap and water. Ensure all residue is rinsed off.
4. **Air-Dry & Reset:** Allow all parts to air dry completely before reassembling. To reset the incubator, press and hold both the Up and Down arrow keys simultaneously.

## Versatile Incubator Solutions for Every Need



Follow these steps for thorough cleaning and maintenance.

## 7. TROUBLESHOOTING

Refer to the table below for common issues and their solutions:

## Chicken Incubation Phases (21 Days) (For Reference ONLY)

Stage	Days	Temperature (°F/°C)	Humidity(%)	Key Developmental Milestones
<b>WEEK 1</b> Embryo Formation	DAY 1~7	99.5~100.0°F /37.5~38.0°C	60~65%	Heart forms (Day 2), blood vessels (Day 3~4)
<b>WEEK 2</b> Organ Development	DAY 8~14	99.5°F / 37.5°C	50~55%	Feather follicles (Day 8), beak hardens (Day 10)
<b>WEEK 3</b> Hatching Preparation	DAY 15~21	99.0~99.5°F /37.2~37.5°C	65~70%	Lungs activate (Day 16), pipping (Day 19~21)



Quick solutions for common incubation problems.

Issue	Possible Cause	Solution
Stuck to shell	Low humidity/infrequent turning	Increase humidity to 70%, ensure automatic turning is active.
Early hatching	Overheating	Calibrate thermostat if possible, avoid temperature fluctuations in the room.
Weak chicks	Oxygen/nutrition deficiency	Improve ventilation, ensure good quality fertile eggs.

## 8. SPECIFICATIONS

Specification	Detail
Model Name	Ecohatch30H
Capacity	30 Egg (Chicken)
Material	Acrylonitrile Butadiene Styrene (ABS)
Color	Orange
Item Dimensions (LxWxH)	15 x 15 x 3.5 inches
Item Weight	4.9 Pounds
Power Input	AC 110V (Standard Home Use)
Breed Recommendation	Chicken, Duck, Quail
Specific Uses for Product	Indoor

## 9. WARRANTY & SUPPORT

The WONEGG 30 Egg Incubator comes with a **2-Year Manufacturer Warranty**. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims.

For technical support, troubleshooting assistance, or warranty inquiries, please contact WONEGG customer service through the

retailer where you purchased the product. Our team is dedicated to providing prompt and helpful assistance to ensure your satisfaction.

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