

# APDOE HatchPro 12

## EGG INCUBATOR

### COMPLETE USER MANUAL

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- ✓ 12-Egg Capacity | Chicken, Duck, Quail & More
- ✓ Auto Turner Every 2 Hours | 360° Airflow
  - ✓ Digital Temp & Humidity Display
- ✓ 2-in-1 Dual Water Bottle Humidity System
- ✓ Built-in Egg Candler | 360° Clear Dome
- ✓ 3-Year Warranty | Lifetime Expert Support





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# 1. INTRODUCTION & PRODUCT OVERVIEW

The **APDOE HatchPro 12 Egg Incubator** is a 2025 upgraded, fully automatic hatching solution designed to provide the perfect environment for hatching chicken, duck, quail, and bird eggs. Whether you are a first-time hobbyist, a backyard poultry keeper, or an educator, the HatchPro 12 simplifies every stage of the incubation journey with intelligent automation and a clear, intuitive design.



Fig 1. APDOE HatchPro 12 Egg Incubator — 360° transparent dome with automatic egg turning tray and dual external water bottles.

## Key Benefits at a Glance:

- **360° Transparent Dome** — Watch the entire incubation journey without disturbing the eggs.
- **Digital Temp & Humidity Display** — Real-time monitoring with easy-read screen.
- **Automatic Egg Turner** — Rotates eggs every 2 hours, mimicking natural hen behavior.
- **2-in-1 Dual Humidity System** — External water bottles with Port A & Port B for incubation and hatching phases.
- **Built-in Egg Candler** — Monitor embryo development without extra equipment.
- **Advanced 360° Airflow** — Eliminates hot and cold spots throughout the chamber.
- **Adjustable Air Vent** — Fine-tune humidity levels with precision.
- **3-Year Warranty + Lifetime Support** — Backed by APDOE's expert customer care.

## Available on Amazon

APDOE HatchPro 12 — 2025 Upgraded | ASIN: B0CNTL2LX  
 Shop at: [www.amazon.com](http://www.amazon.com) | More guides at: [www.incubateeggs.store](http://www.incubateeggs.store)

# 2. WHAT'S IN THE BOX

Component	Qty	Description
Main Incubator Unit (Base + Dome)	1	Transparent 360° dome with base housing
Digital Control Unit	1	Attached to base; temperature & humidity display
Automatic Egg Turner Tray	1	Holds up to 12 standard chicken eggs
External Water Bottle	2	Connect to Port A (incubation) and Port B (hatching)

Water Tubing / Connectors	2	For connecting bottles to humidity ports
Power Adapter	1	110V AC adapter (US standard)
Hatching Guide Card	1	Quick-reference chart for incubation periods
Development Chart	1	Visual embryo development stages by day
Cleaning Brush	1	For fan and interior maintenance
User Manual	1	Full instructions (also at incubateeggs.store)

*Inspect all items upon opening. If any component is missing or damaged, contact APDOE support immediately.*

### 3. TECHNICAL SPECIFICATIONS

Specification	Value
<b>Egg Capacity</b>	12 standard chicken eggs (fewer for larger eggs)
<b>Compatible Egg Types</b>	Chicken, Duck, Quail, Parrot, Pheasant, Bird eggs
<b>Temperature Range</b>	77°F – 104°F (25°C – 40°C); Optimal: 100°F (37.8°C)
<b>Temperature Accuracy</b>	±0.3°F (±0.2°C)
<b>Humidity Range</b>	0% – 99% RH; Incubation: 40–55%; Hatching: 65–75%
<b>Egg Turning Interval</b>	Every 2 hours automatically
<b>Turning Direction</b>	Horizontal rotation
<b>Power Supply</b>	110V AC (US) / 50–60Hz
<b>Power Consumption</b>	~35–42 Watts
<b>Dimensions</b>	12.0" x 12.4" x 7.68" (305mm x 315mm x 195mm)
<b>Weight</b>	3.59 lbs (1.63 kg)
<b>Dome Material</b>	Clear ABS plastic — 360° transparent
<b>Humidity System</b>	2-in-1 dual external water bottles (Port A & Port B)
<b>Display</b>	Digital LED — Temperature & Humidity real-time
<b>Built-in Egg Candler</b>	Yes — integrated LED candler
<b>Air Vent</b>	Adjustable — open/close to regulate humidity
<b>Warranty</b>	3 Years + 30-Day Money-Back + Lifetime Support
<b>Model / ASIN</b>	HatchPro 12 / B0CNTLK2LX

## 4. GETTING STARTED — SETUP & ASSEMBLY

### Step 1: Choose Your Location

Place the incubator on a stable, flat surface such as a table or countertop. **Never place it on the floor** — CO<sub>2</sub> concentrates near ground level. Keep it in a room with a stable ambient temperature between 74°F–80°F (23°C–27°C). Avoid drafts, direct sunlight, air conditioning vents, or heaters.

### Step 2: Assemble the Egg Turner

Connect the wire socket from the control unit to the egg turner mechanism. Place the egg tray securely onto the turning motor shaft. Make sure it clicks into position and can rotate freely without obstruction.

### Step 3: Fill the Water Bottle(s)

Use warm, distilled water (room temperature). Fill Bottle A (Port A) for the incubation phase. Do NOT connect Bottle B (Port B) until Day 19. Attach the tubing and insert the connector into the appropriate port opening on the incubator base.

### Step 4: Set Up the Air Vent

For the first 18 days, set the vent to half-open. If humidity is too high, open the vent further. If too low, close it slightly. During lockdown (Days 19–21), keep the vent fully open to ensure adequate oxygen for hatching chicks.

### Step 5: Power On & Pre-Heat

Connect the power adapter to the control unit, then plug into your outlet. Press the ON/OFF button. The digital display will illuminate showing current temperature and humidity. A beep on startup is normal — press any button to silence it. **Allow the incubator to pre-heat for 3–4 hours** before placing any eggs inside.

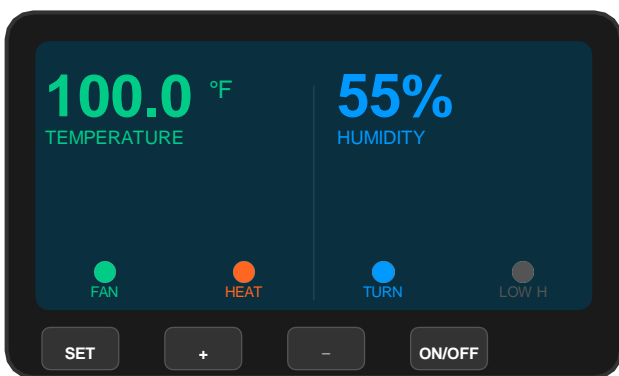
### Step 6: Place Your Eggs

Only place fertilized eggs that are clean, uncracked, and at room temperature. Arrange eggs pointy-side slightly lower or flat on the tray. Do not fill gaps with tissue or other materials. Close the dome securely.

**■ IMPORTANT: Pre-Heat Before Adding Eggs**

Always run the incubator empty for at least 3–4 hours before placing eggs. This ensures stable, consistent temperature has been reached.

## 5. CONTROL PANEL & DISPLAY GUIDE



Display Elements:	
Temperature (green)	Real-time current temp in °F or °C
Humidity (blue)	Current humidity % inside incubator
FAN indicator	Green when circulation fan is running
HEAT indicator	Orange when heating element is active
TURN indicator	Blue when egg turner is operating
LOW H indicator	Alerts when humidity drops too low
Control Buttons:	
SET	Enter/confirm settings mode
+ / -	Adjust temperature or humidity values
ON/OFF	Power the unit on or off

Fig 2. Digital control panel showing temperature (°F), humidity (%), and status indicators.

## 6. TEMPERATURE SETTINGS

The HatchPro 12 uses an advanced digital thermostat with  $\pm 0.3^{\circ}\text{F}$  accuracy. The optimal temperature for most poultry eggs is **100.0°F (37.8°C)**. To adjust: press **SET**, then use **+** or **-** to reach your desired value, then press **SET** again to confirm.

Egg Type	Temperature	Incubation Days	Humidity (Days 1–18)	Humidity (Lockdown)
Chicken	99.5–100.5°F	21 days	45–55% RH	65–75% RH
Duck	99.5–100.5°F	28 days	55–65% RH	75–80% RH
Quail	99.5–100.5°F	17–18 days	45–55% RH	65–70% RH
Pheasant	99.5–100.5°F	23–24 days	50–55% RH	65–75% RH
Guinea Fowl	99.5–100.5°F	26–28 days	45–55% RH	65–75% RH
Parrot / Bird	98.0–99.5°F	18–30 days	50–60% RH	65–70% RH

Table 1. Recommended temperature and humidity settings by egg type.



# Automatic Egg Turning

Gentle Horizontal Egg Turning for Healthy Embryo Growth



Turning Every 2 Hours



360° Egg Rotation

## 7. HUMIDITY CONTROL — THE 2-in-1 SYSTEM

The HatchPro 12 features an innovative **dual external water bottle system** that makes humidity management effortless. Only 1–2 water bottle changes are typically needed throughout the entire 21-day incubation process.

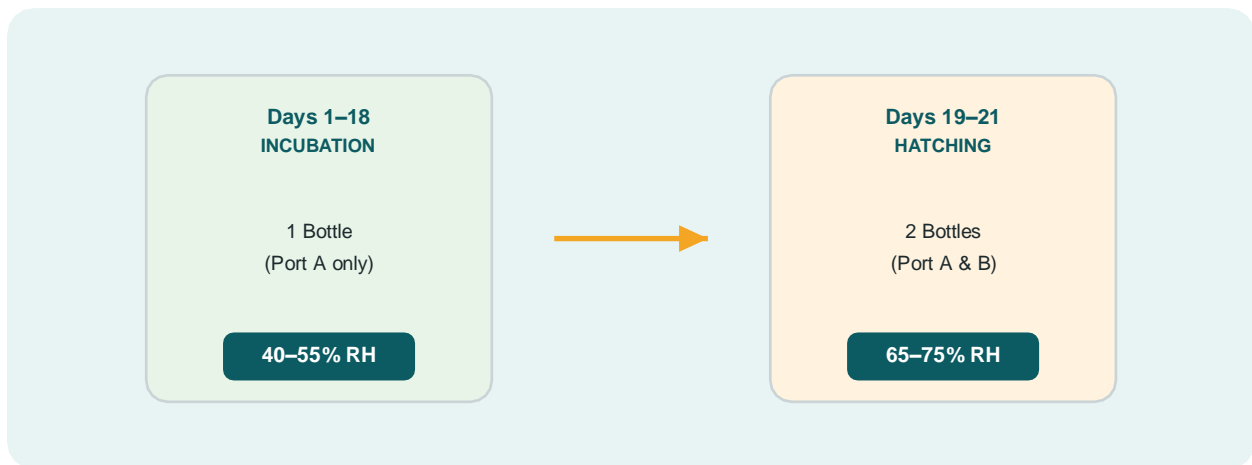


Fig 3. The 2-in-1 humidity system: Port A only for incubation (Days 1–18), both ports for hatching (Days 19–21).

### Days 1–18: Incubation Phase:

Connect only Bottle A to Port A. Fill with warm distilled water. Target humidity: 40–55% RH for chicken eggs. Use the adjustable air vent to fine-tune: close slightly to raise humidity, open to lower it.

### Days 19–21: Hatching / Lockdown Phase:

Connect both Bottle A (Port A) and Bottle B (Port B). Target humidity: 65–75% RH. Higher humidity prevents the membrane from drying out, allowing chicks to rotate and pip successfully.

### Air Vent Tips:

Half-open for Days 1–18. Fully open for Days 19–21. If humidity is too high even with the vent fully open, temporarily remove Bottle B. If humidity drops below 40%, close the vent further and refill bottles.

## 8. AUTOMATIC EGG TURNER

The HatchPro 12 automatically turns eggs every **2 hours**, replicating the natural behavior of a brooding hen. This prevents the embryo from adhering to the shell membrane and promotes even heat distribution for healthier development.

- Turning begins automatically once the unit is powered on and eggs are placed.
- **Do NOT open the incubator** unnecessarily — each opening causes a temperature/humidity drop.
- The TURN indicator light will flash when the turner is active.
- **IMPORTANT: Remove the egg tray in the last 3 days (Days 19–21)** — stop turning for lockdown.
- To stop turning early: gently disconnect the turner wire from the motor socket.
- If the turner stops unexpectedly: check for egg obstruction or re-seat the tray on the motor shaft.

## 9. 21-DAY INCUBATION TIMELINE (CHICKEN EGGS)

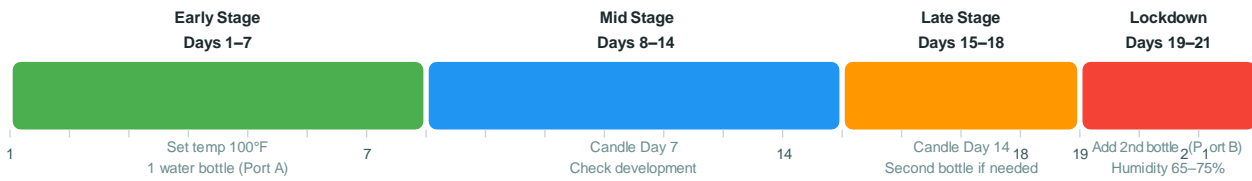


Fig 4. Complete 21-day chicken egg incubation phases with key actions per stage.

Days	Phase	Key Actions	Check
1-3	Setting	Place eggs, verify temp 100°F, connect Port A bottle	Temp stable? Humidity 45-55%?
4-7	Early Development	Maintain settings; do not open dome	Water level in bottle?
7	First Candling	Candle eggs — look for spider-web veins and dark spot	Remove clear/infertile eggs
8-14	Growth	Continue monitoring; check vent position	Embryo growing?
14	Second Candling	Candle again — embryo should fill most of egg	Remove non-developing eggs
15-18	Final Development	Prepare for lockdown; fill Bottle B if needed	All systems normal?
18	Pre-Lockdown	Candle final time; check positions	Ready for lockdown?
19	LOCKDOWN BEGINS	Remove turner tray; connect Bottle B (Port B); open dome	Humidity 65-75%?
19-21	Hatching	<b>Do NOT open dome; maintain humidity; observe</b>	<b>Pipping visible?</b>
21	Hatch Day	Most chicks hatch within 24h of first pip	Let chicks dry fully before removing

## 10. USING THE BUILT-IN EGG CANDLER

### How to Candle:

Darken the room as much as possible. Gently lift one egg at a time and hold it pointy-end down over the candler LED built into the base of the incubator. Press the candler button. Look for the signs described in the chart.

### What You Should See:

Day	Viable Egg Shows	Non-Viable / Remove If
Day 5-7	Spider-web veins, dark spot (embryo)	Completely clear (infertile)
Day 10-12	Dark embryo, veins fill half the egg	Blood ring visible (early death)
Day 16-18	Embryo fills most of egg; air cell visible at wide end	Cloudy, smells bad, moving bubble

✓ Viable Embryo Detected

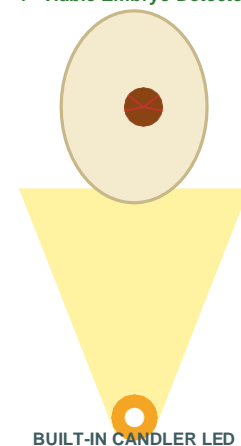


Fig 5. Built-in LED candler illuminates the egg to reveal embryo development and blood vessels.

## 11. LOCKDOWN PHASE (DAYS 19–21)

### ■ LOCKDOWN — The Most Critical Phase

Once you reach Day 19, the incubator enters lockdown. Do NOT open the dome for any reason unless an egg is clearly broken or has a ba

#### 1. Remove the Egg Turner Tray:

Open the dome, gently remove the eggs and set aside on a soft cloth. Disconnect the turner tray from the motor shaft. Place a clean, flat hatching mat or paper towel in the base.

#### 2. Increase Humidity to 65–75%:

Connect Bottle B to Port B. Ensure Bottle A is also connected. Fill both with fresh warm distilled water. Open the air vent fully.

#### 3. Return Eggs to Base:

Place eggs gently on the flat surface. Large end slightly up if possible. Do not stack eggs.

#### 4. Close Dome and DO NOT Open:

Seal the dome. Resist the urge to open — even if you hear cheeping or see pipping!

#### 5. Watch for Pipping:

First crack (pip) usually appears around Day 20–21. The chick takes 12–24 hours to fully emerge after first pip.

#### 6. Wait for Chicks to Dry:

After hatching, leave chicks in the incubator until fluffy and dry (6–12 hours). Then transfer to a brooder with heat at 95°F for week 1.

## 12. AFTER HATCHING — CARE & CLEANING

### Chick Care After Hatch:

- Transfer dry chicks to a brooder box heated to 95°F (35°C) for week 1, reducing by 5°F each week.
- Provide fresh water and chick starter feed immediately in the brooder.
- Do not leave unhatched eggs beyond 24–36 hours after the last chick emerges.
- Average hatch rate: 55–75% is normal; 75%+ is excellent. 100% is rare.
- Pipping to fully hatched: allow at least 12–24 hours — do NOT assist unless absolutely necessary.

### Cleaning Your Incubator:

1. **Unplug** the incubator from all power before cleaning.
2. Remove the egg tray, water bottles, and all accessories.
3. Wash the egg tray and water bottles in warm water with mild soap. Rinse well. Allow to air dry.
4. Wipe all interior surfaces with a damp cloth and diluted disinfectant (1:10 bleach solution). Do NOT soak or spray electrical parts.
5. Use the included brush to gently clean the fan area.
6. Wipe dry with a clean cloth. Allow to air dry completely before storage or next use.
7. Do NOT put any components in a dishwasher — this may cause warping or electrical damage.

### 13. TROUBLESHOOTING GUIDE

Problem	Possible Cause	Solution
Temperature too high	Room too warm; thermostat drift	Move to cooler room; press SET to adjust setpoint down
Temperature too low	Room too cold; door/draft nearby	Move away from drafts; increase setpoint
Humidity too high	Too much water; vent too closed	Open vent fully; remove Bottle B temporarily; allow to stabilize
Humidity too low	Water bottle empty; vent too open	Refill Bottle A; close vent slightly
Beep on startup	Low humidity at startup	Normal — press any button to silence; humidity will rise
Egg turner not working	Wire disconnected; obstruction	Re-seat wire socket; remove any egg blocking the tray path
No eggs hatching	Infertile eggs; temperature issues; humidity was 65–7	Verifying your sourcing logs during lockdown; check settings and ensure lockdown is enabled.
Eggs hatching early/late	Temperature was too high/too low consistence	Calibrate with a separate thermometer; adjust set point
Candler LED not working	Press and hold Candler button	Hold button for 1–2 seconds; check power connection
Display showing error	Sensor fault	Unplug for 30 seconds; restart; contact support if persists
Eggs smell bad	Bacterial contamination	Remove immediately; clean incubator thoroughly before next us
Chick stuck in egg	Humidity too low during lockdown;	For future batches, increase the lockdown humidity. If the issue continues, consult support.

e  
before assisting



## 14. INCUBATOR COMPARISON — APDOE vs COMPETITORS

The following comparison is based on published specifications and independent review testing from leading poultry and incubator review sites. See full comparisons at [www.incubateeggs.store](http://www.incubateeggs.store).

Feature	APDOE HatchPro 12	Kebonnixs 12	Maticoopx 30
Egg Capacity	12 eggs	12 eggs	30 eggs
Price Range	~\$45-\$55	~\$40-\$50	~\$100-\$120
Auto Egg Turner	✓ Every 2 hrs	✓ Every 2 hrs	✓ Every 60 min
Temp & Humidity Display	✓ Both shown	✓ Both shown	✓ Both shown
External Water Refill	✓ Dual bottles A+B	✓ Single port	✓ Single port
Built-in Egg Candler	✓ Integrated LED	✓ Basic candler	✓ Integrated
360° Clear Dome	✓ Full view	Partial view	Partial view
Adjustable Air Vent	✓ Precise control	Fixed vent	Fixed vent
2-in-1 Humidity System	✓ Port A & B	✗ Single	✗ Single
Advanced 360° Airflow	✓ Hot spot free	Standard fan	Strong fan
Warranty	3 Years + lifetime support	1 Year	1 Year
Best For	Beginners to advanced	Beginners	Larger flocks
Hatch Rate (tested)	83-100%	75-85%	85-91%

Source: [incubateeggs.store/compare/apdoe-vs-maticoopx](http://incubateeggs.store/compare/apdoe-vs-maticoopx) | [incubateeggs.store/compare/kebonnixs-vs-apdoe](http://incubateeggs.store/compare/kebonnixs-vs-apdoe) | Independent reviews from [greenwashingindex.com](http://greenwashingindex.com) and [findingdulcinea.com](http://findingdulcinea.com)

### Verdict:

The APDOE HatchPro 12 stands out as the **#1 Best Seller** in its category for a reason: it combines beginner-friendly operation with advanced features like the dual-port humidity system, 360° airflow, and adjustable vent that most competitors at this price point do not offer. Independent testers have achieved hatch rates from 83% to a perfect 12/12 (100%). For educators, families, and hobby farmers, it is the best balance of value and technology.

## 15. SAFETY & WARRANTY INFORMATION

### Safety Precautions:

- **Adult supervision required** when used by or near children.
- **Do NOT** immerse the control unit or power adapter in water.
- **Do NOT** place incubator on the floor — keep at least 19" (50cm) above ground.
- **Do NOT** place near heat sources, open windows, or air conditioning vents.
- **Do NOT** leave incubator unattended for more than 12 hours without checking water levels.
- **Do NOT** use with a damaged power cord — contact support immediately.
- Ensure the power outlet matches the rated voltage (110V AC, US).
- Keep the incubator away from direct sunlight to prevent overheating.
- Ensure adequate ventilation around the unit — do not block the air vent.
- In case of a strong burning smell or smoke — unplug immediately and contact APDOE support.

### Warranty Coverage:

Coverage	Details
Product Warranty	3 Years limited warranty against manufacturing defects
Money-Back Guarantee	30-Day no-questions-asked return policy
Technical Support	Lifetime expert support via email and website chat
Replacement Parts	Egg trays, water bottles, and accessories available from APDOE
Coverage Exclusions	Physical damage, improper use, water immersion of electrical parts

### Contact & Support

Website: [www.incubateeggs.store](http://www.incubateeggs.store)

Amazon: <https://amzn.to/3P3Htp0>

For warranty claims and technical support, visit our website or contact APDOE through Amazon.

## 16. EGG INCUBATION QUICK-REFERENCE CHART

Egg Type	Days	Temp °F	Humidity Days 1–X	Lock-down	Humidity Lockdown	Turn Interval
Chicken	21	99.5–100.5	45–55%	Day 19	65–75%	2 hrs
Duck	28	99.5–100.5	55–65%	Day 25	75–80%	2 hrs
Muscovy Duck	35	99.0–100.5	55–65%	Day 32	75–80%	2 hrs
Quail	17–18	99.5–100.5	45–55%	Day 15	65–70%	2 hrs
Pheasant	23–24	99.5–100.5	50–55%	Day 21	65–75%	2 hrs
Guinea Fowl	26–28	99.5–100.5	45–55%	Day 24	65–75%	2 hrs
Turkey	28	99.5–100.5	55–60%	Day 25	65–75%	2 hrs
Goose	28–35	99.5–100.0	55–65%	Day 26	75–80%	2 hrs
Parrot	18–30	98.0–99.5	50–60%	Last 3 days	65–70%	2 hrs
Pigeon/Dove	17–19	99.0–100.0	50–55%	Last 3 days	65–70%	2 hrs

Table 2. Quick-reference incubation chart for all supported egg types. All temps in °F.

**Need more help?** Visit [www.incubateeggs.store](http://www.incubateeggs.store) for guides, video tutorials, comparison reviews, and expert hatching tips. Purchase the APDOE HatchPro 12 directly on Amazon: <https://amzn.to/3P3Htp0>

# Effortless Humidity Control

Only 1–2 Water Bottle Changes Throughout the Hatch

The First 18 Days

Use Port A

The Last 3 Days

Use Port A + B





Precise Humidity Control

Humidity Too High--Open

Humidity Too Low--Close