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› Apdoe AP-16 16 Egg Incubator User Manual

## Apdoe AP-16

# Apdoe AP-16 16 Egg Incubator User Manual

Model: AP-16 | Brand: Apdoe

## INTRODUCTION

This manual provides detailed instructions for the safe and effective operation of your Apdoe AP-16 16 Egg Incubator. This device is designed to facilitate the hatching of various poultry eggs, including chicken, duck, quail, and goose eggs, by maintaining optimal temperature and humidity conditions with automatic egg turning and candling features.

## PRODUCT COMPONENTS

Verify that all the following components are included in your package:

- Egg Incubator Unit
- Foam Box (for temperature stability)
- Hatching Calendar
- User Manual (this document)
- Water Bottle and Hose (for automatic water refill)
- Spray Bottle (for humidification)



## 5 Remove the Turntable

on the 19th day

Image: Apdoe AP-16 Incubator with its included accessories, demonstrating the complete package for setup.

## SETUP INSTRUCTIONS

Follow these steps to prepare your incubator for operation:

1. **Place the Eggs:** Carefully arrange the eggs on the adjustable egg tray. The tray is designed to accommodate various egg sizes. Ensure eggs are placed securely.



Image: Step-by-step guide showing eggs being placed into the incubator's egg tray.

2. **Close the Lid:** Securely place the transparent lid onto the incubator base, ensuring a proper fit to maintain internal conditions.

Perfect for hobbyists,  
farmers, and classrooms

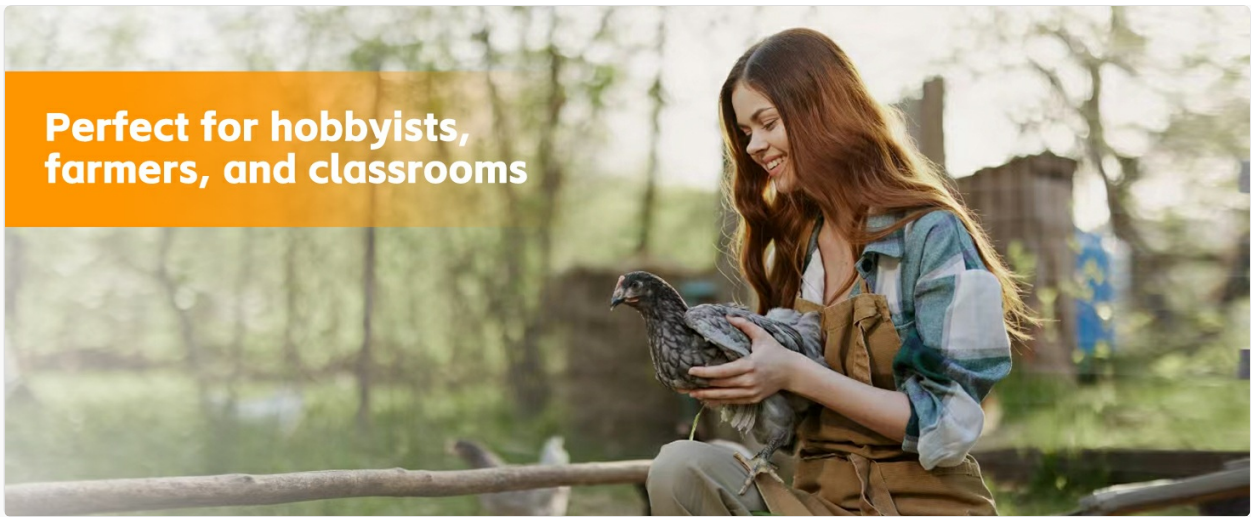


Image: Illustration of the incubator lid being closed over the egg tray.

3. **Connect the Water Bottle:** Attach the provided water bottle and hose to the external water refill port. This system automatically maintains optimal water levels without opening the incubator.



Image: Diagram showing the external water bottle connected to the incubator for humidity control.

4. **Set the Temperature:** Plug in the incubator. Use the control panel to set the desired incubation temperature. Refer to the hatching calendar for recommended temperatures for specific egg types. The incubator features a digital display for temperature, humidity, and incubation days.



Image: Close-up of the incubator's control panel displaying temperature, humidity, and incubation days.

## Temperature and Humidity Control

The incubator provides precise digital temperature control and monitoring. An alarm function will notify you if the temperature deviates from the set range. The external automatic water supply bottle ensures consistent humidity. In cold or humid conditions, only add water to the inner ring of the water tray. If humidity remains too high, temporarily remove the water bottle to reduce it.

# User-Friendly Interface Effortless Monitoring

✓ Temperature Display

✓ Humidity Display

✓ Incubation Days Display



Image: The incubator's user-friendly interface displaying current temperature, humidity, and incubation day count.

## Automatic Egg Turning

The incubator automatically turns eggs every 2 hours to ensure uniform heat distribution and optimal embryo development. This feature promotes a higher hatch rate.

# Automatic Egg Turner Every 2 Hours

Promoting Uniform  
Heat Distribution

360°  
Egg Rotation

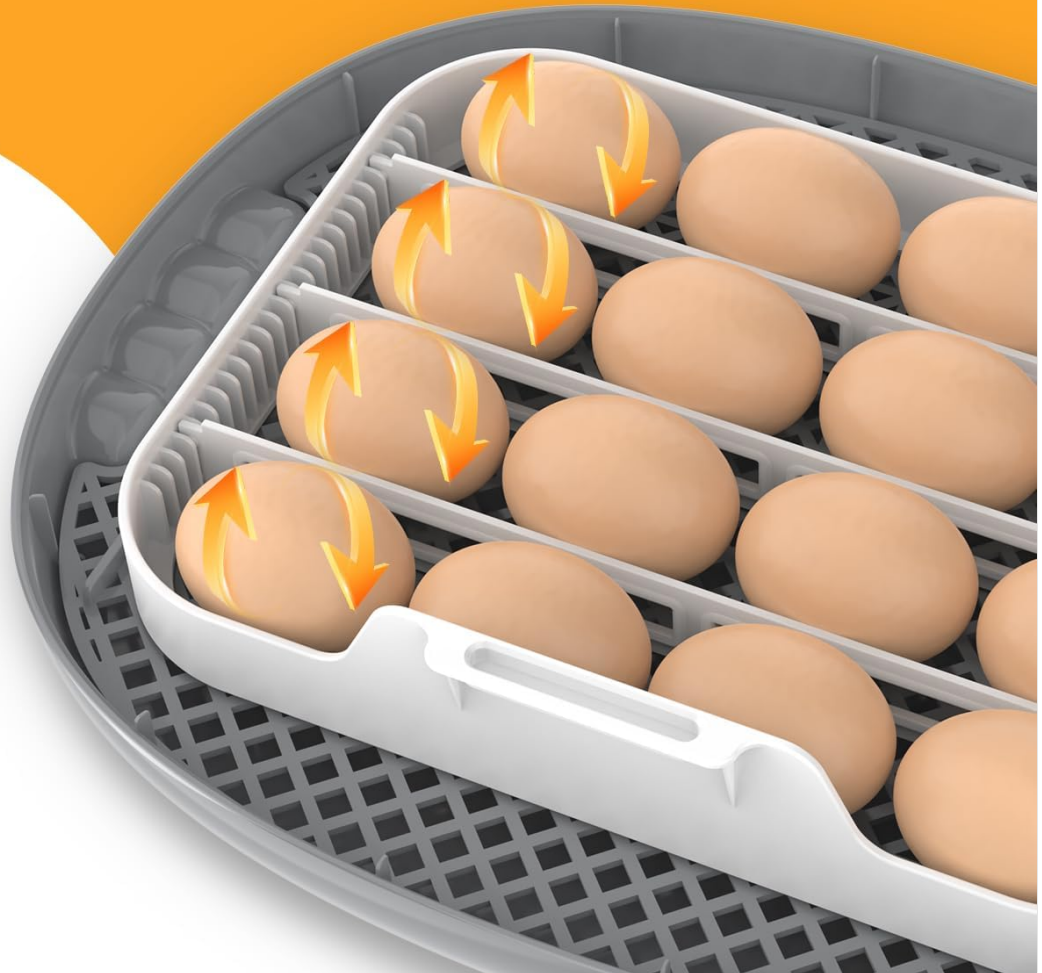
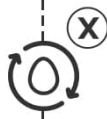


Image: Visual representation of the automatic egg turning process, indicating 360-degree rotation every 2 hours.

## Built-in Egg Candler

Use the built-in egg candler to monitor embryo development without needing additional equipment. Regularly check eggs for viability.

- **Days 5-6:** Assess fertilization. Remove unfertilized or non-viable eggs.
- **Days 11-12:** Evaluate embryo development progress.
- **Days 16-17:** Observe embryo size and overall development.

Remove any eggs identified as unfertilized, containing dead embryos, having tiny cracks, or showing moving bubbles, as these will not hatch and can contaminate the incubator.

# Check The Embryo's Development Over Time

No Need To Purchase Additional Egg Candler

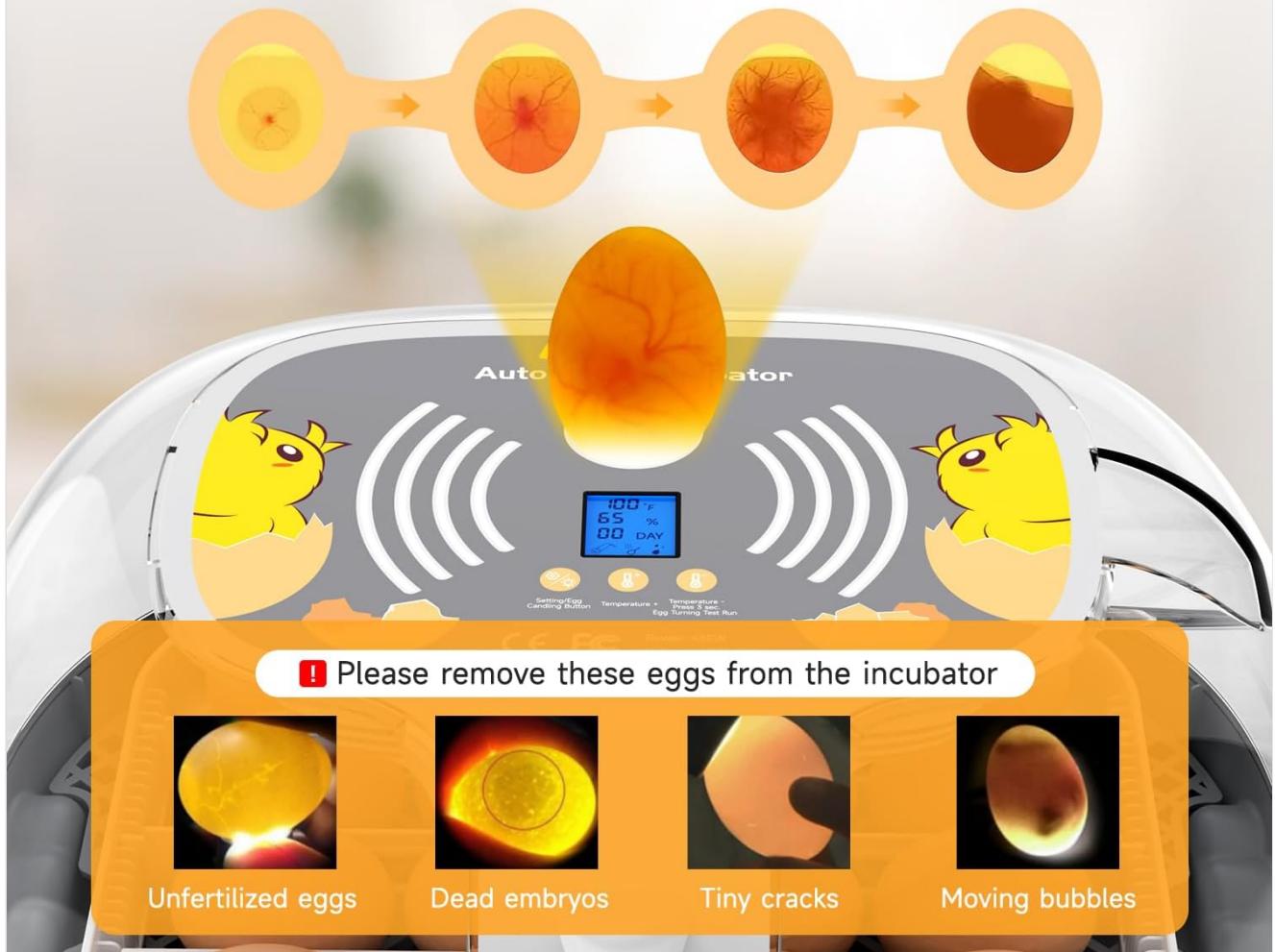


Image: A visual guide for egg candling, demonstrating how to identify viable and non-viable eggs at different stages.

## Hatch Day Preparation

Approximately 3 days before the expected hatch date (refer to your hatching calendar), remove the egg turning tray to stop the eggs from rotating. This allows the chicks to position themselves for hatching.



### 3 Connect the Bottle

Image: Instruction showing the removal of the egg turning tray from the incubator.

On hatch day, you may use the spray bottle to lightly humidify the eggshells, which can assist chicks in breaking through the shell.



### 4 Set the Temperature

Image: A hand using a spray bottle to humidify eggs within the incubator.

## Air Circulation System

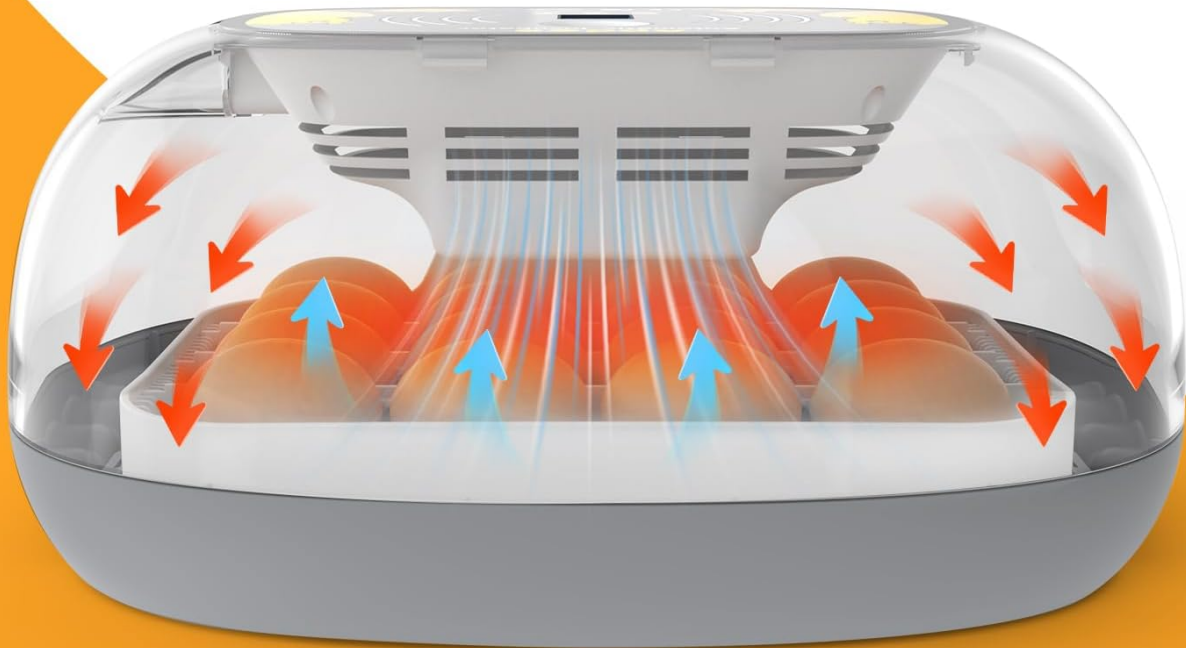
The incubator features an advanced airflow system designed to eliminate hot or cold spots, ensuring a consistent temperature and humidity environment for optimal embryo development.

# Advanced Airflow System

Eliminating any hot or cold spots that could harm the embryos

  
Warm Air Flow

  
Cold Air Flow



Maintain Consistent Temperature and Humidity Levels

Image: A cutaway diagram of the incubator showing the internal air circulation, with arrows indicating warm and cold airflow patterns.

## Egg Capacity and Types

The adjustable egg tray can hold up to 16 standard chicken eggs. It is suitable for various egg types, with typical incubation periods as follows:

- Chicken: 21 Days
- Duck: 28 Days
- Quail: 18 Days
- Goose: 30 Days

Image: The incubator tray filled with different sizes of eggs, alongside a guide for incubation periods for various poultry.

## MAINTENANCE AND CLEANING

The incubator features a detachable design for easy cleaning:

- Remove the egg trays and wash them in a sink with mild soap and water.
- Wipe the machine cover and circuit components with a damp cloth. Avoid getting water directly on electrical parts.
- **Important:** Do not place the egg tray in a dishwasher, as this may cause deformation.

## TROUBLESHOOTING

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

- **Inconsistent Temperature Readings:** It is recommended to use a secondary thermometer to verify the incubator's temperature readings for accuracy. Adjust settings as needed based on verification.
- **Humidity Control Challenges:** Humidity levels can be sensitive. Ensure the external water bottle is correctly connected and filled. In very cold or humid environments, adjust water levels carefully, potentially removing the bottle temporarily if humidity is too high.
- **Automatic Egg Turner Not Functioning:** Check that the egg turning mechanism is properly assembled and connected. Ensure no obstructions are preventing movement.
- **Unusual Noises:** If the incubator makes a buzzing sound, ensure all components are securely in place and there are no loose parts. If the sound persists or is accompanied by other malfunctions, discontinue use and contact support.

## SPECIFICATIONS

Feature	Detail
Item Weight	4.38 pounds
Manufacturer	Apdoe
Model Number	AP-16
Item Package Dimensions (L x W x H)	14.65 x 13.23 x 7.56 inches
Item Dimensions (L x W x H)	13 x 10.6 x 5.7 inches
Target Audience	Birds, Chick, Chicken, Duck, Quail
Special Feature	LED Display: Humidity, Temperature and Hatch Day
Style	16 Eggs
Specific Uses	Incubators for hatching eggs

## WARRANTY AND SUPPORT

The Apdoe AP-16 Egg Incubator comes with a **5-year limited warranty**. Additionally, a 30-day money-back guarantee is offered, along with lifetime technical support to ensure a satisfactory incubation experience.

For technical assistance or warranty claims, please refer to the contact information provided with your purchase documentation or visit the official Apdoe support website.

