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## Sailnovo SL-5391-G

# Sailnovo 70 Egg Incubator Instruction Manual

Model: SL-5391-G

## INTRODUCTION

This manual provides detailed instructions for the setup, operation, and maintenance of your Sailnovo 70 Egg Incubator. Please read this manual thoroughly before use to ensure proper function and optimal hatching results. This incubator is designed for efficient hatching with uniform temperature control, precise humidity display, and automatic humidification technology, suitable for various poultry eggs.

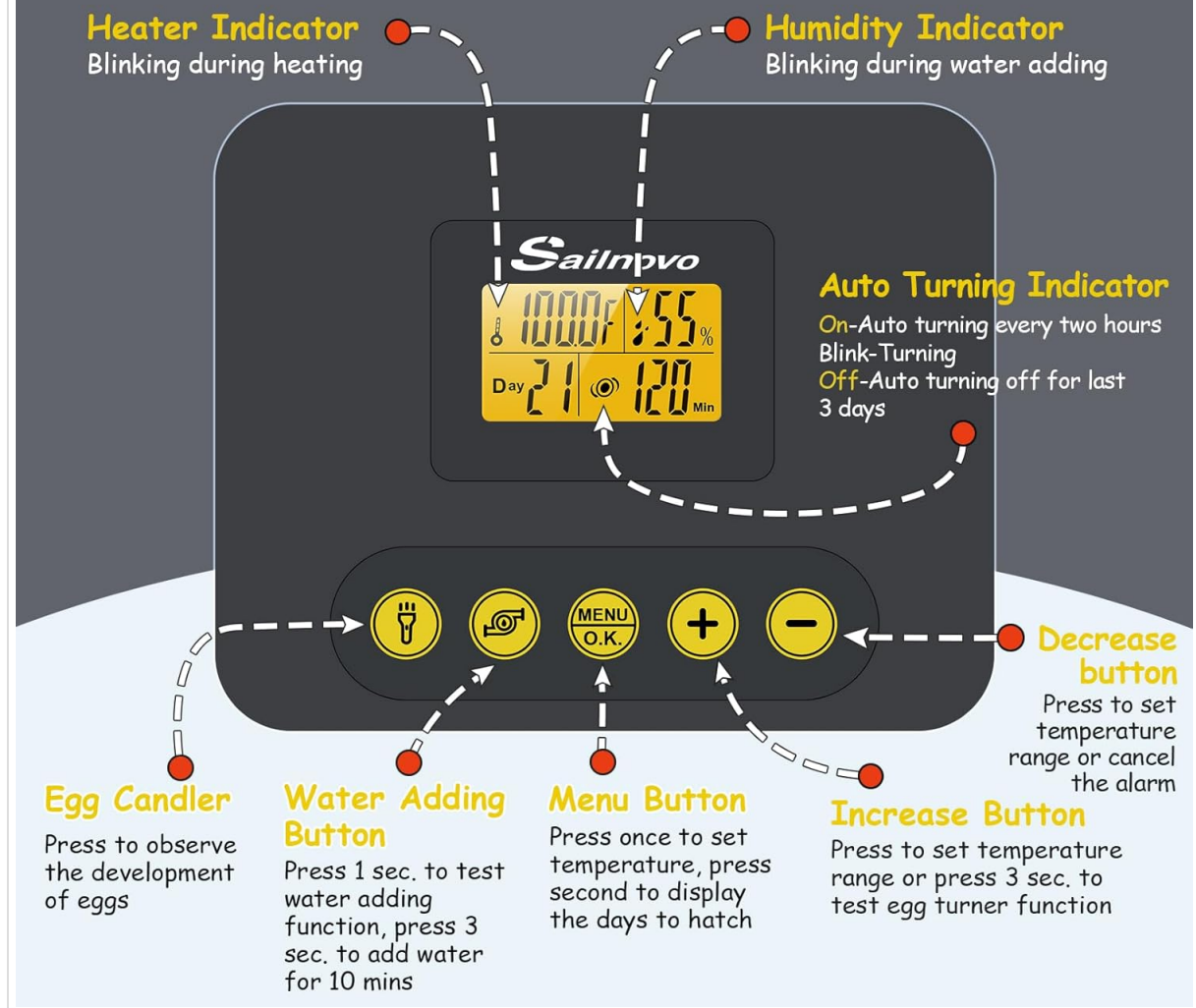
## PRODUCT FEATURES

- **Large 70-Egg Capacity:** Offers efficient hatching with uniform temperature control, precise humidity display, and automatic humidification technology. Adjustable egg trays and a spacious brooding area make it perfect for hatching poultry eggs, including chicken, duck, goose, quail, pigeon, and turkey eggs. Dimensions: 23.2" x 16.3" x 7.1".
- **Stable Temperature & Auto-Humidification:** Advanced heating technology and a powerful motor-driven fan ensure consistent temperature and humidity. External water addition and automatic humidification minimize temperature fluctuations from lid opening. Features include auto temperature and auto-humidification, automatic egg turning, alarm system, and LED lighting.
- **Automatic Egg Turner & LED Candler:** Built-in egg turner rotates eggs every two hours, promoting healthy development and reducing manual intervention for improved hatch rates. Turning automatically stops three days before hatching. An integrated countdown timer helps monitor turning frequency. The built-in LED candler observes the development of fertilized eggs.
- **Easy Operation:** LED digital display for easy monitoring and adjustment of crucial incubation parameters - temperature, humidity, incubation days, and egg-turning countdown. The alarm function alerts you to any temperature or humidity level issues.
- **Clear Visibility:** Transparent ABS cover allows for easy observation, making it ideal for educational purposes and production settings. Perfect for schools, homes, farms, and laboratories. The well-designed sealing enhances incubation effectiveness. After the chicks are born, this large incubator can also be used as a warm room for the chicks.



Sailnovo 70 Egg Incubator with transparent lid, displaying eggs inside.

# DIGITAL CONTROL PANEL INTRODUCTION



Close-up of the Sailnovo incubator's digital control panel, showing temperature, humidity, incubation days, and egg turning countdown. Buttons for egg candler, water adding, menu, increase, and decrease are visible.

## PACKAGE CONTENTS

Please verify that all components are present upon unboxing:

- Sailnovo 70 Egg Incubator Unit
- Power Cable
- Water Bottle
- Watering Can (Spray Bottle)
- User Manual
- Incubation Record Card
- Water Feeder (Red cups)
- Tube Assembly for water addition
- Styrofoam foam (for packaging/insulation)

# SIZE OF EGG INCUBATOR

Everything You Need for Incubation



Diagram showing the Sailnovo 70 Egg Incubator with its dimensions and all included accessories: power cable, water bottle, watering can, user manual, record card, water feeder, tube assembly, and styrofoam packaging.

## SPECIFICATIONS

Property	Value
Product Dimensions	23.2 x 16.3 x 7.1 inches
Manufacturer	Sailnovo
Model Number	SL-5391-G

## SETUP INSTRUCTIONS

- Unpacking:** Carefully remove all components from the packaging. Retain the styrofoam for potential future storage or transport.
- Placement:** Place the incubator on a stable, level surface away from direct sunlight, drafts, or extreme temperature fluctuations. Ensure adequate ventilation around the unit.
- Water Tank Preparation:** Fill the water tanks (A/B/C) at the bottom of the incubator with distilled or

demineralized water. For automatic humidification, connect the external water bottle using the provided tube assembly.

4. **Egg Tray Installation:** Ensure the egg trays are properly seated within the incubator.
5. **Power Connection:** Connect the power cable to the incubator and then plug it into a standard electrical outlet. The digital display will illuminate.
6. **Pre-heating:** Allow the incubator to pre-heat for at least 2-3 hours, or preferably 24 hours, before placing eggs inside. This stabilizes the internal temperature and humidity.



Diagram illustrating the automatic external water addition system of the incubator, showing a water bottle connected via a tube to the incubator's water tank, minimizing the need to open the lid.

# SUITABLE FOR HATCHING ALL TYPES OF TEGGS

The egg tray can place various: chicken, duck, goose, pigeon, quail eggs and most domestic or reptile eggs



Illustration of the incubator's fan-assisted airflow system, showing warm air circulating upwards and cold air downwards to maintain stable temperature circulation.

## OPERATING INSTRUCTIONS

### Temperature and Humidity Control

The incubator features an LED digital display for monitoring and adjusting key parameters.

- **Temperature Setting:** Press the "MENU O.K." button once to enter temperature setting mode. Use the "+" and "-" buttons to adjust the desired temperature. Press "MENU O.K." again to confirm.
- **Humidity Control:** The incubator features automatic humidification. Ensure the external water bottle is filled and connected. The humidity indicator will blink during water addition.
- **Alarm System:** The alarm function will alert you to any significant deviations in temperature or humidity. Refer to the display for specific error codes or indicators.

### Automatic Egg Turning

The built-in egg turner automatically rotates eggs every two hours to promote healthy embryo development.

- The auto-turning indicator will be on when active.
- Egg turning automatically stops three days before the expected hatch date. The indicator will blink when

turning is off.

- To test the egg turner function, press and hold the "+" button for 3 seconds.



Diagram showing the automatic 360-degree egg rotation feature, illustrating how eggs are turned from day 1 until 3 days before hatching.

## Egg Candling

Use the built-in LED candler to observe the development of fertilized eggs.

- Press the "Egg Candler" button (light bulb icon) to activate the candler.
- Place an egg over the candler light to view the embryo and blood vessel development.

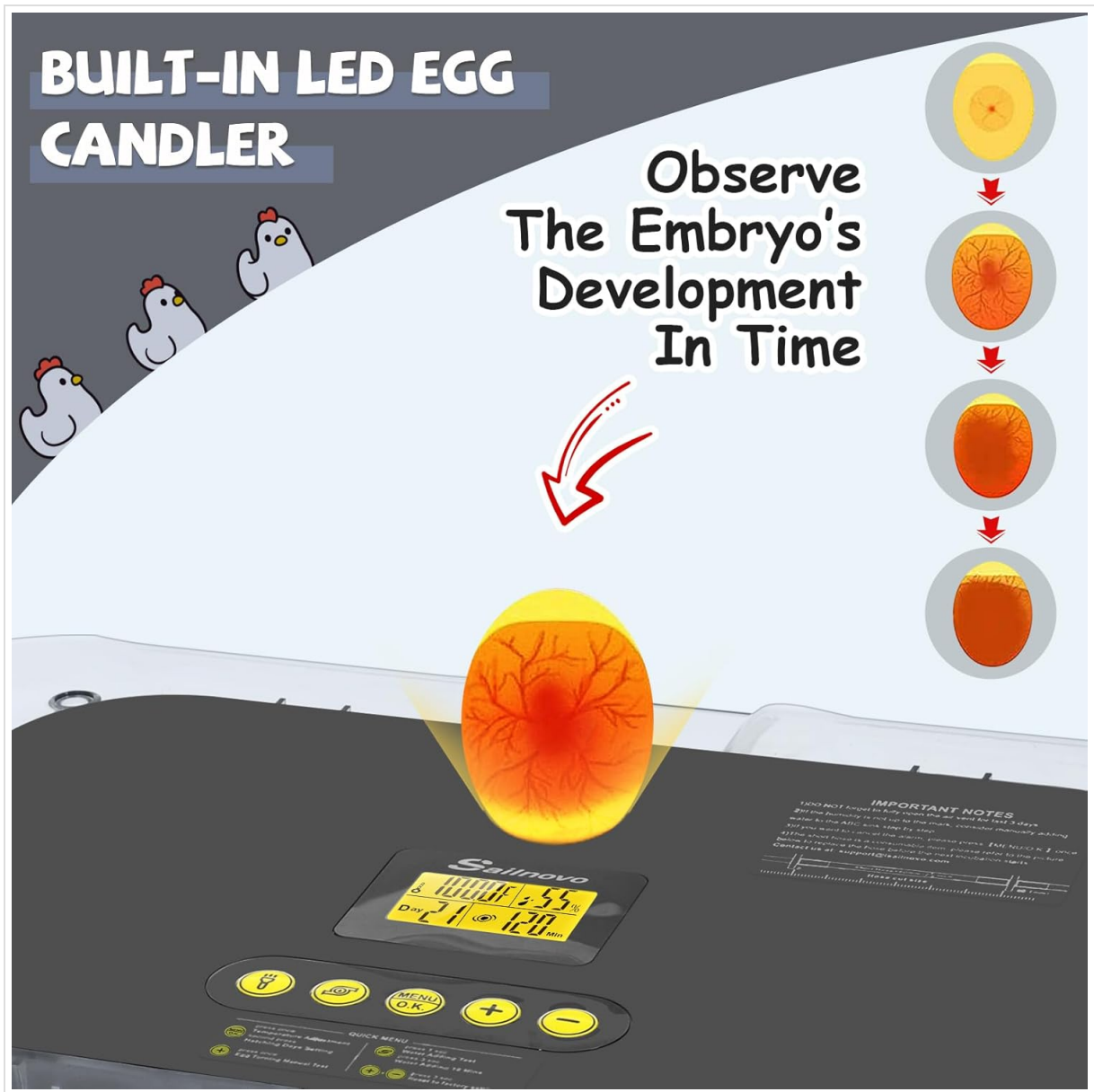


Image demonstrating the built-in LED egg candler, showing an egg illuminated from below to reveal the developing embryo and blood vessels.

## INCUBATION REFERENCE GUIDE

The following table provides general guidelines for incubating common poultry eggs. Optimal conditions may vary slightly based on specific egg types and environmental factors.

Egg Type	Hatching Days	During Incubation		During Hatching		Egg Weight (G)
		Temp °F ± 0.5	Humidity % ± 0.5	Temp °F ± 0.5	Humidity % ± 0.5	
Chicken	21	37.8°C (100°F)	55–70	37.5°C (100°F)	65–85	50–60
Duck	28	37.8°C (100°F)	60–75	37.3°C (100°F)	65–85	80–100
Goose	30	37.6°C (100°F)	60–80	37.1°C (100°F)	65–85	100–120
Quail	18	38.5°C (100°F)	55–70	37.8°C (100°F)	65–85	30–40



Image showing the versatility of the incubator, capable of holding various egg sizes including chicken, duck, goose, and quail eggs.

## MAINTENANCE

## Cleaning

Regular cleaning is essential for hygiene and optimal performance.

- **After Each Hatch:** Disconnect the power. Remove all egg trays and the bottom grid. Wash all removable parts with a mild disinfectant solution and warm water. Rinse thoroughly and allow to air dry completely.
- **Incubator Body:** Wipe the interior and exterior of the incubator with a damp cloth and mild disinfectant. Avoid getting water into electrical components.
- **Water Tanks:** Clean the water tanks regularly to prevent algae or bacterial growth.
- **Fan:** Gently clean any dust or debris from the fan blades using a soft brush or compressed air.

## Storage

When not in use, store the incubator in a clean, dry place, preferably in its original packaging to protect it from dust and damage.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
<b>Incubator not powering on</b>	Power cable not connected; Power outlet issue; Internal fuse.	Ensure power cable is securely connected. Test outlet with another device. Contact customer support if issue persists.
<b>Temperature fluctuations</b>	Room temperature instability; Lid not sealed properly; Fan obstruction.	Place incubator in a stable environment. Ensure lid is securely closed. Check fan for debris.
<b>Humidity too low/high</b>	Insufficient water in tanks; Water bottle not connected; Too much water; Room humidity.	Refill water tanks/bottle. Ensure tube is clear. Adjust water levels as needed. Consider room dehumidifier/humidifier.
<b>Eggs not turning</b>	Egg turner motor issue; Eggs too large/small; Past automatic stop date.	Test turner with "+" button. Ensure eggs fit properly. Note that turning stops 3 days before hatch. Contact support if motor fails.
<b>Poor hatch rates</b>	Incorrect temperature/humidity; Infertile eggs; Improper egg handling; Ventilation issues.	Verify settings against reference guide. Use fresh, fertile eggs. Handle eggs gently. Ensure air vents are clear.

## SAFETY INFORMATION

- Always disconnect the power cord before cleaning or performing any maintenance.
- Do not immerse the incubator in water or any other liquid.
- Keep the incubator out of reach of children and pets.
- Ensure proper ventilation around the unit to prevent overheating.
- Use only the provided power adapter and accessories.
- If any damage is observed, discontinue use and contact customer support.

## WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please refer to the warranty card included with your product or contact Sailnovo customer service directly. Contact details can typically be found on

the manufacturer's official website or the product packaging.

## ADDITIONAL RESOURCES

For more information on incubation techniques and best practices, consider consulting reputable poultry farming guides or online resources.



Image showing a child observing the incubator, highlighting the transparent lid for clear viewing of the incubation process.