

EGG INCUBATOR



FARMLITE
MAKING HOMESTEADING EASY



Owner's Manual &
Product Guide

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IMPORTANT

1. ENSURE EGG INCUBATOR IS ON A FLAT, EVEN SURFACE
2. SUGGESTED HUMIDITY IS BETWEEN 55-70% DAYS 1-18, 65-75% DAYS 18-21 (FOR CHICKENS)
3. ON DAY 19 REMOVE THE EGG TRAY THAT ROTATES EGGS
4. WAIT AT LEAST 7 DAYS FROM START TO CANDLE EGGS, DO NOT CANDLE MORE THEN ONCE EVERY FEW DAYS
5. FILL WATER CHANNEL A FOR DAYS 1-18, CHANNEL A AND CHANNEL B FOR DAYS 19-21 (CHANNEL B IS NOT NECESSARY IF YOUR HUMIDITY IS ALREADY 65%+)
6. INCUBATOR SHOULD BE IN AN ENVIRONMENT WARMER THAN 70°F

FarmLite

Thanks for your purchase of our FarmLite Egg Incubator! We are an American owned business that truly cares about providing you with a great product and service!

Please review, read and understand ALL instructions and information to ensure proper functionality.

If you have any questions or concerns, don't hesitate to reach out to us, **we are always available to help** at **Hello@FarmLite.Store**

See **Full Video Instructions** at **www.farmlite.store**

Package Contents

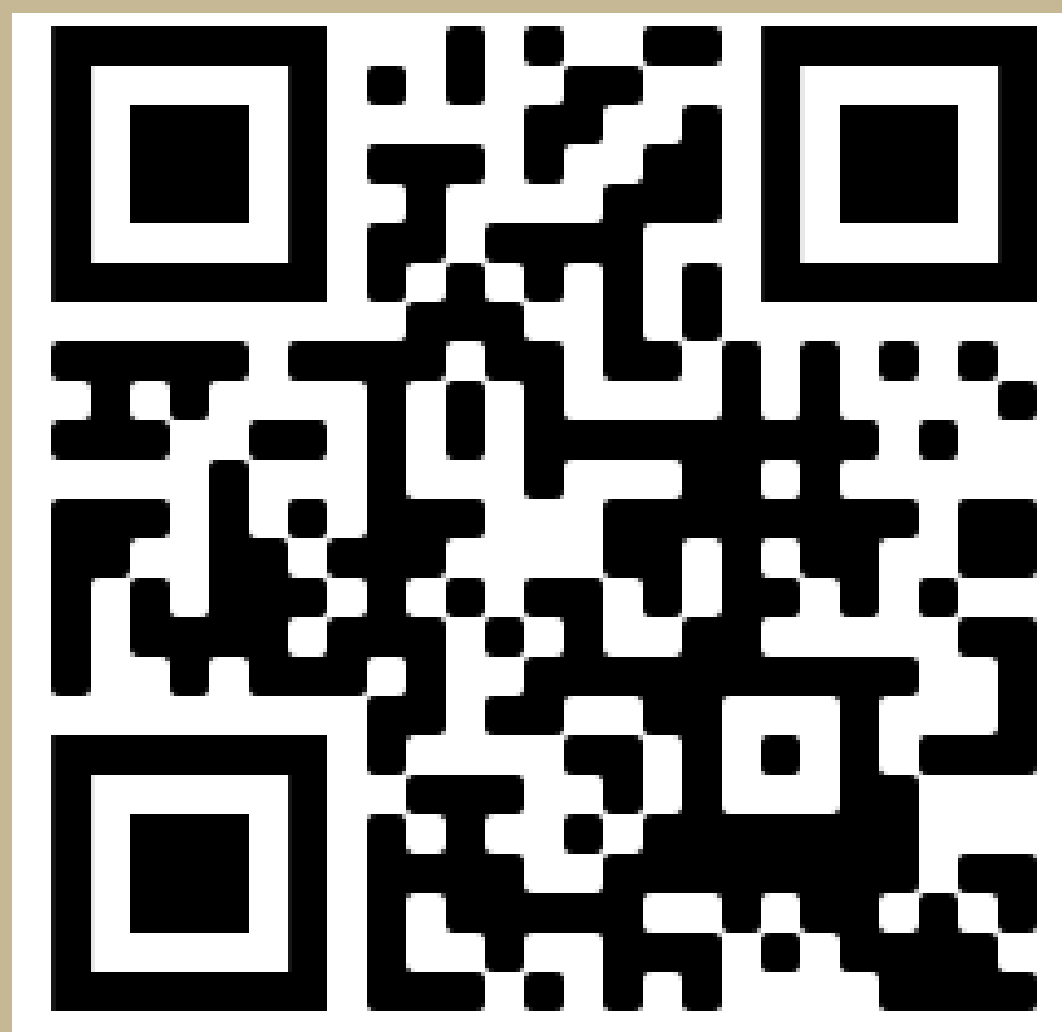
- » **1x** FarmLite Egg Incubator
- » **1x** AC/DC Power Cord
- » **1x** Egg Tray Base
- » **1x** Egg Tray
- » **4x** Egg Tray Dividers
- » **1x** Water Bottle Channel Filler
- » **1x** Owner's Manual

Full Walkthrough Video Instructions

Don't want to READ all the instructions but still want to learn how to use this egg incubator? We got your back!

- ✓ Simply scan the QR Code with your smart phone camera. It will take you to the official FarmLite website.

Scan me




OR


www.farmlite.store

Warnings & Cautions

- » To reduce risk of electric shock, do not disassemble this product. Contact **FarmLite** for any maintenance issues.
- » Use the AC/DC power battery charging cable provided with the unit. The use of other cables can result in shock, fire or cause damage to the unit..
- » Ensure the unit is connected to the power source properly.




WARNING: HAZARDOUS MOVING PARTS. Do not place fingers, hair, clothes, lanyard... near moving parts.



⚠ WARNING


ELECTRIC SHOCK HAZARD.

This equipment is to be serviced by trained personnel only.




PROP 65 WARNING

This product can expose you to chemicals including lead, which is known to the State of California to cause cancer, birth defects or other reproductive harm. For more information, go to www.P65Warnings.ca.gov



CHOKING HAZARD. SMALL PARTS.
Not for children under 3 years old.

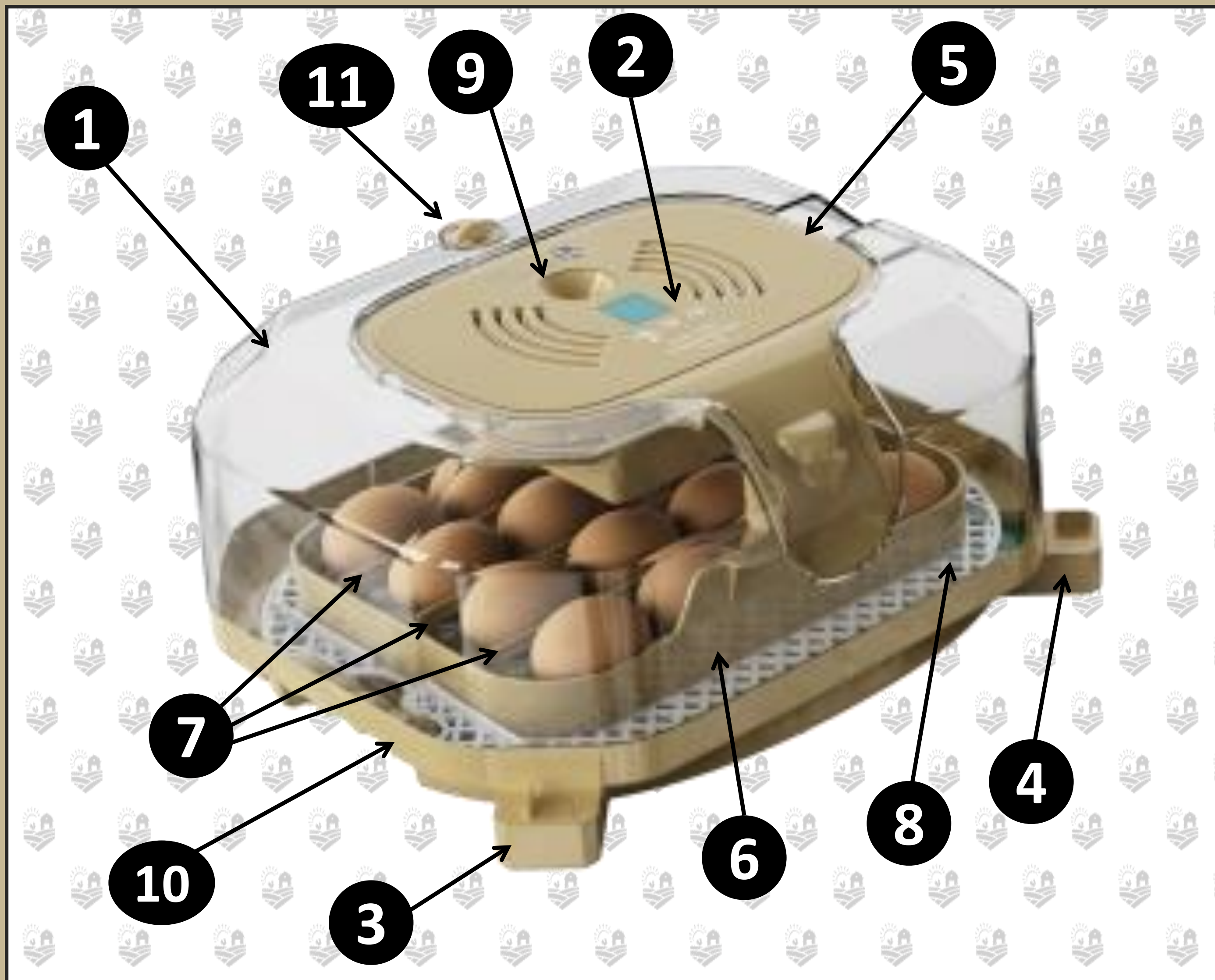


DO NOT DISPOSE IN TRASH. Follow appropriate local electronics scrap procedures.

Specifications

- » Unit Weight: 4lbs
- » Power Supply: AC/DC Power Adapter (Input (100-240V 50/60hz)

Product Introduction



1. Egg Incubator Top
2. Control Panel
3. Water Channel A
4. Water Channel B
5. Power Plug Port

6. Egg Tray
7. Egg Tray Divider
8. Egg Tray Base
9. Egg Candler Light
10. Egg Incubator Base
11. Ventilation Cap

Control Panel Introduction

Digital Display

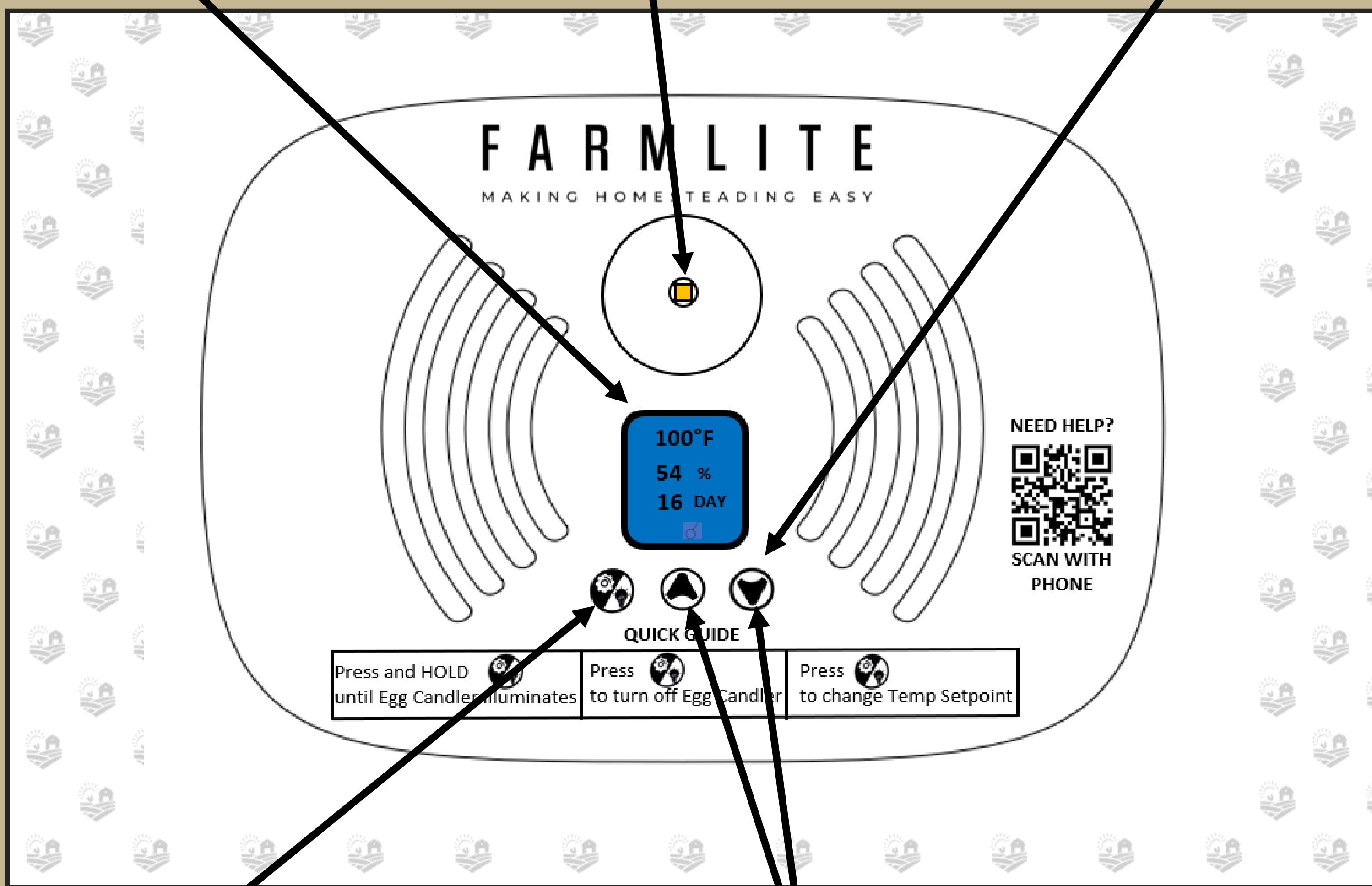
Displays temperature humidity and the days into incubation

Egg Candler

Place eggs in Candler every few days to see embryos develop

DOWN

Hold DOWN button to test the turning function of the egg tray



Settings/Candler Light

Button to change temperature (Quick Press) or turn the Egg Candler on (Hold ~3 seconds) and Quick Press to turn off

UP/DOWN

Button(s) to adjust temperature setpoint higher or lower
Hold BOTH buttons to reset the day count to 0

Operations Manual

General Introduction

The FarmLite Egg Incubator is the perfect solution for a more enjoyable Homesteading way of life. We utilize modern technology and put that into a slim compact design to provide our customers with the best Egg Incubator available.

Our product is made to support your Homesteading goals and to help make homesteading easier.

General Setup

1. On FLAT and EVEN surface place the egg incubator base, notice there are two water channels, Channel A and Channel B.
2. Fill up Channel A with water, ensure water does not overflow outside of the channel. Use the outside Channel A pour hole to fill the channel to better understand what to look for in the pour hole to know there's enough water (~1 cup).
3. Place the egg tray base into the egg incubator base.
4. Place the egg tray onto the egg tray base.
5. Position your first row of eggs towards one side of the egg tray base with the points of the eggs parallel to the side of the egg tray.

Operations Manual

General Setup Continued

6. Place the first egg tray divider such that there is minimal space between the eggs and the divider.
7. Repeat this process with the next row of eggs and egg tray divider until the egg tray is full. See figures on next few pages for better understanding (a picture's worth 1000 words!).
8. Make Sure the eggs roll smoothly by pushing the tray filled with eggs slowly forward and backward.
9. Place the egg incubator top onto the egg incubator base, ensure the rotating rod goes into the slot in the egg tray (see figure 7).
10. Plug in the egg incubator to power with the power cord.
11. Set the temperature to 101-102F.
12. Make sure to check for water every 2 days, add water to Channel A as necessary to fill the channel.

It will take a few hours for the temperature and humidity to stabilize.

Operations Manual

General Setup Figures



Figure 1: Egg Tray Base in Egg Incubator Base



Figure 2: Egg Tray on Egg Tray Base

Operations Manual

General Setup Figures



Figure 3: First Row of Eggs with Divider



Figure 4: Spacing Between Divider and Eggs

Operations Manual

General Setup Figures



Figure 5: Second Row of Eggs with Divider



Figure 6: Third Row of Eggs with Divider

Operations Manual

General Setup Figures



Figure 7: Incubator Rotating Rod in Egg Tray Slot

Operations Manual

Programming and Calibrating Temperature

1. It is important to utilize a secondary hygrometer like shown in the photo below to verify the temperature at the eggs, heat rises so although you have the incubator set to a particular temperature it's measuring from the top of the incubator. **If you are unable to utilize a secondary hygrometer, set the incubator to 101F.**
2. Press the Settings/Candler button. The Temperature should blink. Adjust the temperature to 101F by pressing the UP/DOWN buttons.



Figure 8: ThermoPro Hygrometer (\$10 on Amazon)

Operations Manual

Programming and Calibrating Temperature

3. If you utilize a hygrometer, see what if there's a temperature difference between the display and the hygrometer.
4. Adjust the temperature of the incubator until the hygrometer reads ~99.5 – 101.5F.
5. If the humidity is too high inside of the incubator, turn the ventilation cap to where the ventilation holes are exposed.

Operations Manual

Hatching Information

1. On day 18 remove the egg tray with dividers from the egg incubator.
2. Add water to Channel B and ensure there is water in Channel A. This increases the humidity in the incubator to soften the eggshells up for the chicks to hatch and to stop excess moisture loss through the porous eggshell and membranes.
3. When the chicks start to hatch ensure to leave the chicks in the incubator until their feathers dry out. Once the first eggs hatch, they should all hatch within 24 hours assuming they are of similar breed.
4. **A hatch rate of 75-80% is normal since some eggs may not be fertilized**
5. If you remove the chicks from the incubator, ensure to remove the shells as well as the **chicks will eat their shells** for an important part of their newborn nutrition.
6. Once removed from the incubator have a heat lamp, chicken feed and water ready for them!

Maintenance & Troubleshooting

- If something is not working properly or you're missing any parts, please reach out via email at

Hello@FarmLite.store

Or visit our website and fill out a contact form at

www.FarmLite.store

Questions? Scan me!



Frequently Asked Questions (FAQ)

When can I start candling the eggs?

Wait at least 5 days after the incubation begins and only candle the eggs every few days after that.

The temperature/humidity of the incubator is not stable?

Make sure the top of the egg incubator is on the base properly, it should fit into place flush.

What temperature inside of the house should the egg incubator be in?

The egg incubator should be somewhere warm between 70 – 80F inside of your house.

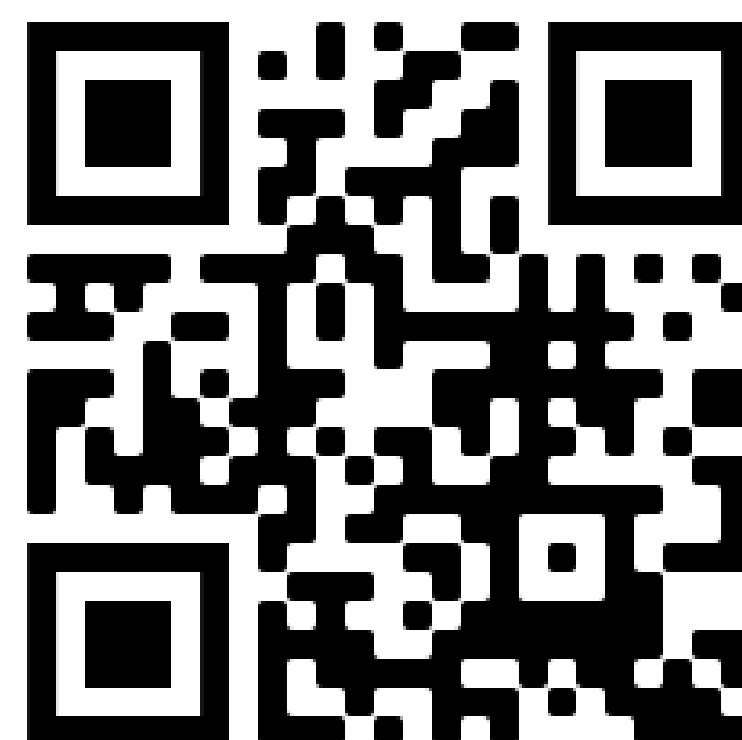
What do I do if one of the eggs doesn't hatch?

If some of the eggs started hatching and there is an egg left that didn't hatch wait at least 24 hours to remove the egg, if it still doesn't hatch the egg may be **infertile** and you should throw it away. It's important to know what breed of egg you have though and make sure that you've given it adequate time to hatch.

How can I make it warmer in the incubator?

If you've used a hygrometer to verify the temperature at the egg tray and it's below 99F then you can wrap the incubator in a blanket to stop some of the heat transfer away from the incubator. Also make sure the ventilation cap is turned to block the 2 vent holes.

Questions? Scan me!



Frequently Asked Questions (FAQ)

How often do I need to add water?

Assuming your egg incubator is on a flat and even surface you should be able to quickly check how much water is left in the channels at the channel A and channel B pour ports. Channel A should never be dry throughout the incubation process.

How do I reset the DAY count on the incubator after an incubation?

Press and hold the UP and DOWN button at the same time until you hear a beep, the day count should return to 0.

What is the white plastic piece on the top side of the incubator with the 2 holes in it?

This is a ventilation hole; you can turn this to where the plastic allows air to flow from inside of the incubator to outside if you need to lower the temperature or humidity temporarily.

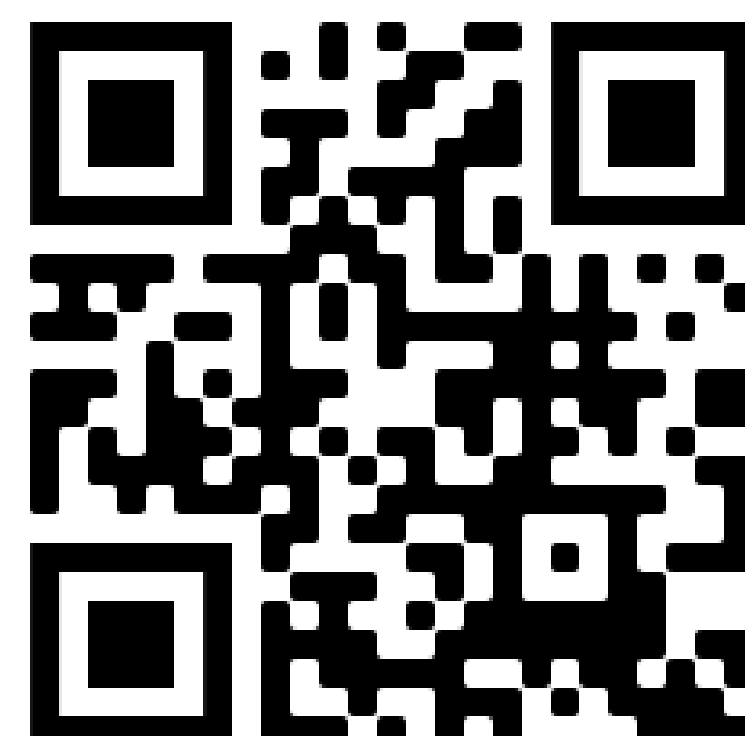
Should the caps be on or off for the water channels?

It doesn't matter, if you find your humidity is too low and your water channel caps are off then put the water channel caps on.

How can I decrease the humidity in the incubator?

Turn the ventilation cap to allow humidity to flow out through the open holes.

Questions? Scan me!



Warranty

Warranty Promise

The FarmLite Egg Incubator is backed by a 12-month warranty. Before processing a replacement, we'll walk you through several troubleshooting steps, so be patient and allow us to properly diagnose the issue and path forward. Sign up for our warranty on www.farmlite.store

Void of Warranty

- » If there is any foreign object debris inside the machine or it looks like it's been tampered with the warranty will be voided.
- » If any internal parts have been replaced and/or messed with without contacting FarmLite customer support, warranty will be voided.

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