



The AccuHatch

By INCUBATOR WAREHOUSE

Preoperative Check List For Your New Incubator:

CONGRATULATIONS ON YOUR PURCHASE! We hope you are ready to become absolutely obsessed with your future egg hatched friends!

1. After removing your incubator from the box.
2. Ensure all accessories are inside. (Turning tray/dividers, two mesh floors, humidity tray, and power cord)
3. If you have purchased the combo kits make sure you have all the accessories for your specific combo kit.
 - a. Deluxe Kit Includes Hatching Guide Book, IncuClean Spray, IncuBright Candler, EZ Water Filler Bottle, IncuTimer.
 - b. Ultimate Kit Includes The Deluxe Kit plus, Feeder and Waterer, Chick Starter Feed, Electrolyte water additive, Water Marbles, InstaBrooder with two liners, and Vrooder
4. We recommend setting up and running your incubator for a period of 12-24 hours prior to hatching eggs. This will make sure it is fully operational and give you time to familiarize yourself with your new incubator.
5. After successfully testing your incubator to ensure it can hold the desired temperatures and humidity levels you are now ready to add eggs and start incubating.

Setting Up Your Incubator

In your hands you hold the power to create life itself! Hatching is an amazing experience and one that you will remember and cherish for years to come.

1. In the base, place the humidity control tray ^(See Fig 1) at the bottom of the base.
2. Next, Place the mesh floor with railings facing upward above the humidity tray, the rails guide the turning tray.
****NOTE: You should leave out the smaller mesh (Hatching Mesh Tray). Leaving it in makes it very difficult to add water to the incubator.****
3. Place the egg-turner tray box ^(See Fig 5) on the mesh floor between rails. So it rests flat on the mesh floor.
4. Place the tray dividers ^(See Fig 5) into the turner tray according to the size of the eggs you will be incubating. Make sure they are lined up with the slots on either side of the tray box
5. Put your hatching eggs into the egg tray ^(See Fig 5) for incubation.
****NOTE: there should be a small space between the eggs and the dividers on either side to allow for correct rotation of the eggs.****
6. Next place the lid on the base
****IMPORTANT: You must align the turning motor shaft with the tray box slot to connect the turning motor to the turning tray.** (See Fig 6)**

General Hatching Guidelines for common fowl and waterfowl

Species	Days	Temperature	Species	Days	Temperature
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Poultry (Chicken)	21	99.5°F/37.5°C		Geese	28-30	99.5°F/37.5°C
Quail	16-25	99.5°F/37.5°C		Turkey	28	99.5°F/37.5°C
Duck	28	99.5°F/37.5°C		Pheasant	22-29	99.5°F/37.5°C

For more detailed information visit our learning center.



Incubation Period/Lock-Down Hatching Period
The Incubation Period

1. Once your incubator is performing within acceptable parameters add your fertile eggs to the turning tray. For most types of eggs, you will want to set the incubation temperature to 99.5 degrees F and keep humidity within a range of 35-55%



Figure 8

Lockdown Period

2. In the last three days of the incubation period, the eggs will need to be put into lockdown. This simply means the eggs need to be removed from any turning tray and placed on a hatching tray.

- a. Before going into lockdown, remove the lid and all the eggs, rest the eggs on a towel so they don't roll around or fall off.
- b. Remove the mesh tray with rails and insert the flat hatching mesh tray if you haven't already done so, this tray does not have the rails to guide the egg turning tray.
- c. Place the eggs back into the incubator on the hatching mesh tray.



Figure 9

****NOTE: Do NOT put the turning tray back into the incubator****

3. The humidity will need to be increased and maintained between 60-80% To do this you will likely need to fill both the medium and large reservoirs. (See Fig 4)

Preparing your incubator to add eggs.

Humidity

- a. Add water to the humidity tray. Using the **FILL BASIN** (See fig 1) add water until it starts to spill into the **MEDIUM RESERVOIR** (See fig 1) then stop adding water. Your smallest

reservoir is now full (See fig. 2). Allow the incubator to acclimate for 1 hour and check the humidity % on your hygrometer before adding more water.

- b. If you need a higher humidity % continue to add water to the **FILL BASIN** (See fig 1) until the **MEDIUM RESERVOIR** (See fig 3) has filled and water starts spilling into the **LARGE RESERVOIR** (See Fig 4). Allow it to acclimate for an hour and check the humidity %

***Note the fill basin and medium reservoir will be used primarily for the incubation period. The large reservoir will be used for the lockdown period of extra high humidity. ***



Figure 1



Figure 2



Figure 3

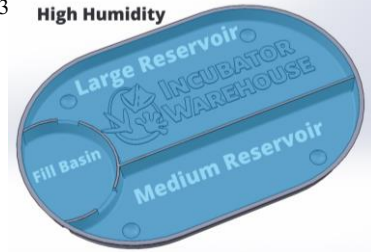


Figure 4

Setting up the turning tray

1. Determine how many dividers you need for your eggs based on the size.
2. Place the eggs in the spaces between dividers (See Figure 5)
 - a. Make sure that there is space between the egg and dividers on either side.
3. Place eggs so they are resting on their sides between the dividers.
4. Place the lid on and align the turning arm into the slot in the turning tray. (See Figure 6)

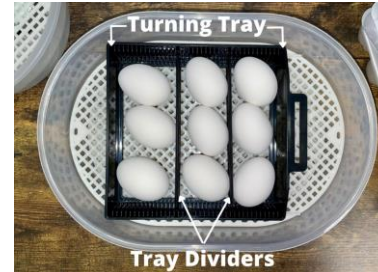


Figure 5

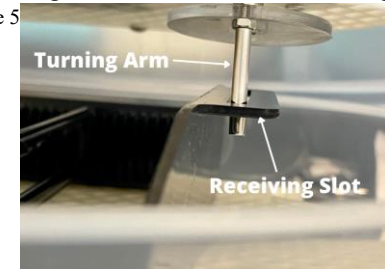


Figure 6

Important Safety Information

1. Keep the power cord out of walkways where it can accidentally get pulled out.
2. If possible use a surge protector with this unit to protect it from overloads.
3. If the unit is smoking, giving off an abnormal odor, or making an unusual noise. Please turn off the power supply and contact service@incubatorwarehouse.com
4. DO NOT touch the power cord or unit with wet hands to avoid electrical shock.
5. Please store the incubator in a dark and dry location when not in use.
6. Please unplug the power before cleaning the incubator.
7. Do not store/use the incubator in a room with excessive vibration, toxic chemicals, or other pollutants.
8. Do not block the vent hole located at the top center of the incubator cover when the incubator is on and incubating. This hole provides the oxygen necessary for the animals to stay alive.

Technical & Troubleshooting

Push-Button Instruction:

1. SET:
 - a. Push <SET> once to enter the temperature control settings. Push <+> or <-> to adjust the temperature.
2. <+>: UP button
 - a. increase setting value
3. <->: Down button
 - a. decrease setting value

Setting The Temperature

1. Press the Set button and release
 - a. The set light will flash
2. Use the <+> and <-> buttons to set the desired temperature
3. Press the <Set> button to save the settings.

Factory Reset

1. Press and hold the <Set> and <-> buttons for 3 seconds.

Operation Instruction:

Indication lamp above screen states status:

1. The SET lamp illuminates when in the settings menu.
2. WORK lamp illuminates when the heater is actively heating the incubator.

Incubation Parameters:

Temperature:

1. Depending on what you are incubating your temperatures and humidity percentages may vary. Generally speaking with most fowls the desired temperature is an average of 99.5 degrees. This means you may see temperatures a little above and below the set point. This is 100% acceptable as the average just needs to be close to 99.5.

Humidity:

2. **Incubation Period— 35-55%** This is the appropriate humidity range until the hatching (lockdown) period begins.
3. **Hatching Period (Lockdown) — 60-80%** This is the appropriate humidity range for 2-3 days before the hatch date.
4. Humidity will vary even more depending on your environment and eggs. The range of acceptable humidity is much larger than the temperature.
*** Note humidity varies from one location to another. You may find you need to fill different reservoirs in the humidity tray to achieve your desired humidity level.)*
5. Once you have the turning shaft aligned in the tray box slot, secure the lid to the base so it sits snug all the way around.
6. Plug the cord into the power port in the lid, and finally plug the other end into your wall outlet. Allow the incubator to fully acclimate for at least an hour before making any adjustments.
7. If you have any issues with your temperatures and humidity % after allowing the incubator to run for more than an hour please see the troubleshooting guide at the end of these instructions.