

*Avey Incubator
Gamebird Incubator*



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Gamebird Incubator

Owner's Manual

Caution: Shock Hazard - No user serviceable parts inside the control box of the incubator.

Where you place your incubator for use greatly impacts the success you will have in incubating eggs. A room with a stable, thermostat control temperature, draft free, without the sun shining into the room to heat the room up is desired.

A room heated by a wood stove, a barn, a shed, are not great choices. An incubator micro-manages the environment it is placed in. The harder you make it work the greater chance you will exceed it's operating limits.

The other very important factor in successful incubation is cleanliness. Your incubator should be cleaned and disinfected every 35 days or so or your hatch rate will drop. There are some good disinfectants out there but a 10:1 solution of water to Bleach is as effective as any and is very inexpensive.

The only assembly required is to remove the packaging in the 3 egg trays and to slide them into position. The notch in the center of the bottom of each tray slides on the steel bar. Align the black tapered peg at the rear of the egg tray with the corresponding slot at the back of the cabinet and slide into position.

Plug the incubator in a 120VAC outlet. The display will light up, the fan will power up. Push the push button (red) to verify the egg turning motion. The trays will rotate left to right and back again. The egg turn button (red) allows you to level the trays so you can remove them for loading and loading eggs. In normal operation the trays advance a tiny amount every 3 minutes or so, making a complete turn from one side to the other in about 3 hours.

Setting the temperature:

Selection knob

1. The selection knob has 2 operations. Push in (momentarily then let go) to start and push in to finish a selection and turn left or right to change the selection. (Push in and then release - some people try to hold the knob in and then turn the knob while it is held in - this won't work! Push in means push and release)
2. Passcode
 - a) Your passcode is 5 (default)
 - b) Push in the selection knob.
 - c) When prompted dial in your passcode.

- d) Push in selection knob (and then let it out)
 - (i) If you wait too long the operation times out and the Incubator resumes normal operation.
 - (ii) If you dial in the wrong passcode the Incubator resumes normal operation
 - (iii) If you dial in the correct password the Incubator display advances to the temperature selection screen .
- 3. Temperature Selection
 - A. Dial in the desired temperature.
 - B. Push in the selection knob to set.
 - C. Optional: Digital Humidity Control
 - a. If digital humidity control is installed the next display screen will ask you to adjust humidity.
 - i. Dial in the desired humidity
 - ii. Push in the selection knob to set and resume normal operation.
 - D. If you want to verify your settings, enter your passcode again, the temperature and humidity displayed will be what the incubator is set at.

Cleaning

The control box is designed to be removed, to make cleaning easy. To remove the control box for cleaning:

Remove the top screw of the rear panel cover. Then lift off the control box. This leaves the incubator cabinet wide open for pressure washing and disinfecting. We recommend a ten parts water to one part chlorine bleach solution for disinfecting the incubator cabinet. Spray on, let sit for 10 minutes, then rinse off. Let dry in sunlight if available (sunlight breaks down the chlorine and also the uv rays kill bacteria too – nature’s disinfectant)

Adding Humidity:

To add humidity, place a pan of water (not included) on the top shelf. To achieve even higher humidity levels add a humidifier wick to the water in the pan (available at ACE Hardware or Loews or Home Depot). Most gamebirds need 45% - 50% relative humidity for proper development. Increase humidity to 65% - 70% during the last 3 days of incubation.

Optional Digital Humidity Control:

With the digital humidity control option you set the humidity just like the temperature. Place the humidifier on the top rear of the cabinet. Fill the humidifier tank. Press fit the humidifier hose into the humidifier and the opening in the rear of the cabinet.

IMPORTANT: Plug the humidifier into the outlet on the back of the cabinet. This special outlet switches the humidifier off and on according to the need for more humidity.

Fresh Air Supply:

Fresh air is essential for proper egg development. The Gamebird incubator has 2 fresh air vents at the bottom rear of the cabinet. For most situations these can remain closed. There is enough natural air exchange through the front door and the upper rear of the cabinet. If your humidity levels are higher than you want, then by opening these vents you can mix in additional fresh air and lower the humidity levels.

High and Low Temperature Alarm:

The high temperature alarm is pre-programmed for about 2 degrees higher than the setpoint temperature.

The over high temperature scenario includes:

1. Sun shining through a window onto the Incubator
 - a) If the high temp Alarm sounds - push in the selection knob to silence it and open the Incubator to vent some heat.

The low temperature alarm is pre-programmed for about 4 degree below the setpoint. A common cause of the low temperature alarm is forgetting to close the door of the incubator. Another is if the ambient room temperature drops 35 or more degree below the setpoint. ie; setpoint is 99 degrees and the room temperature drops below 64 degrees.

X. Warranty

A. The Incubator carries a 2 year parts and labor warranty. Shipping charges to and from our facility are the buyer's responsibility. Contact our service dept. at 1-877-283-9462 (AVEYINC) or email at service@aveyinc.com for return information.

X1. Return Policy.

A. Returns will be accepted for 30 days after shipping date on unused equipment returned in the original packaging. You must call for return authorization or shipment will be refused. Shipping charges and arrangements are your responsibility. A restocking charge of 20% will be assessed. Packages must be insured. You need to call and notify us on the day you ship your return, be prepared to supply your tracking number.