



# CHICK-BATOR

## 3100

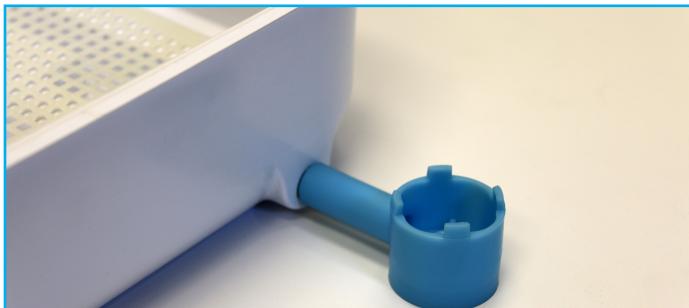


Thank you for purchasing a GQF Chick-Bator 3100. Let's get it setup.



First, lay the plastic grid floor on top of the troughs in the bottom half of the incubator.

Make certain both rubber o-rings near the tip are in place then insert the filler tube into the opening on the side of the base.



It may take a firm press to slide it all the way in.

Place the Chick-Bator on a **LEVEL SURFACE**. Avoid areas in direct sunlight or drafts. Room temperature should be above 65°F and below 90°F.



Fill the water bottle and place it onto the filler tube. Water should begin to fill trough #1 only. If the trough doesn't fill all of the way make sure the Chick-Bator is on a level surface.

Place the lid onto the bottom half of the Chick-Bator and plug it in.

That's all there is to it. With the lid closed, the Chick-Bator should reach a factory set temperature of 100°F in approximately 15 minutes without eggs and up to 45 minutes with eggs depending on room & egg temperature. For information on changing the set temperature, rotating eggs, and hatching please see the next page.

**Adjusting the Thermostat** - If a change in temperature is necessary, or if you are using a different set temperature, press the (+) button to increase or the (-) button to decrease until you reach the desired set temperature.

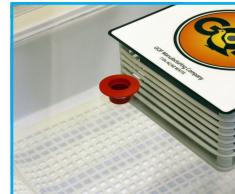
## Functions and Safety Features

Functions: Press and hold the + button for (3) seconds to change the reading from Fahrenheit to Centigrade.

Safety Features: Alarm will sound if the incubator temperature falls below 80-F or exceeds 104-F to announce that a possible thermostat failure has occurred or extreme room temperature is preventing the thermostat from working. In the unlikely event that the fan in the incubator should fail, the incubator may be operated in still-air mode. To operate in still-air mode, hold the On/Off button for 8 seconds until the LCD reads "NO Fan". The temperature will begin to adjust automatically. The fan should be replaced as soon as possible.

**Humidity and Hatching** - The amount of moisture in the incubator is determined by the surface area of water. **Under high humidity conditions and for some types of eggs, less humidity is required. Humidity may be reduced by covering over a portion of a trough with aluminum foil, removing the RED VENT PLUG, or switching to one of the smaller troughs.** Humidity for eggs has a broad range, but if there are doubts about humidity, less is usually better than more, except for the last 2 days. **2 to 3 days before the hatch, stop turning the eggs, and fill both trough #1 and #2 with water.**

During the hatching period, place top on the incubator and do not remove until hatch is complete or approximately 24 hours. Remove dry chicks as soon as possible to a brooder that has food and water and temperatures of about 95°F to 100°F. Chicks can survive up to 48 hours after hatch without food or water, but feed and water them as soon as possible to avoid stress. Some cases may require moving chicks to brooder to dry.



The bottom of the Chick-Bator has 4 troughs to allow more options for humidity. Trough 1 is the largest and trough 4 is the smallest. **IN MOST CLIMATES USE #1 FOR SETTING AND BOTH #1 and #2 DURING THE HATCH PERIOD.**

In HIGH humidity climates it may be necessary to use smaller troughs for setting and hatching. For instance #2 for setting then #2 and #3 at the end of the hatch.

In extreme LOW humidity climates a combination of troughs may be used to reach the desired setting. Filling troughs #1 and #4 during the setting period for example.

In testing, when trough #1 was filled completely it lasted 3 days before needing refilling (room humidity at 40%).

**Automatic Turners** - Eggs need to be turned at least twice a day. When turning by hand, it can be useful to mark with a pencil one side of the egg with an X and the other with an O to keep track. The easiest solution for turning eggs is to use an automatic turner. GQF produces three turners that can be used in the 3100 Chick-Bator. Each are sold according to the size egg they handle.



1610 - Quail



1611 - Chicken/Universal



1614 - Goose

## LIMITED WARRANTY

GQF Manufacturing Co., Inc. guarantees against defect for a period of 1 year from date of purchase. This warranty is void for product more than 3 years old when not sold direct from GQF to the consumer. Notify GQF Mfg. Co. of any defective items, giving catalogue number and name of item and what is wrong with item. Send copy of invoice showing date of purchase. GQF Mfg. Co. will send replacement, or replacement parts, or notify regarding return. Shipping charges for express shipping or shipments outside of the continental USA are to be paid by the customer. Product being used outside of the continental USA may need to be returned to GQF at user's expense for warranty work. Returning of items without written permission will be at owner's expense.

Whereas GQF Mfg. Co. has no control over usage of equipment and product supplied, it assumes no responsibility for losses or damage from the equipment or product other than replacement of defective parts. No guarantee on hatchability of eggs. GQF assumes no responsibility for losses due to shipping damage, late shipment or arrival of product.

Do not expose electrical parts to water. Installation of electrical parts should be done by a qualified electrician. Use of replacement parts other than intended by GQF Mfg. Co. is not permitted. GQF not responsible if product does not comply with local product codes or codes outside of the USA.