

The Original Cooler Brooder

Owners Manual



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Cooler Brooder Owners Manual

I. Unpacking

- A. Inspect for damage
 - 1. Check for damage when unpacking for the first time.
- B. The following items should be included
 - 1. Cooler Brooder
 - 2. Clear Inner Lid
 - 3. Owner's Manual
 - 4. Optional Power Supply
- C. Plug it in
 - 1. Depending on the model the Cooler Brooder plugs into the cigarette lighter of your car or the 120VAC outlet in your nursery. The power requirements are 12 -15 volts, 3 amps. (or 120VAC - 40 watts)

II. Clear inner lid

- 1. Place the clear inner lid on the ledge running around the top inside of the Cooler Brooder. The Cooler Brooder will operate properly with the outer lid completely open or just open a bit. The inner lid keeps the heat in.

III. Air Supply

- A. A. Outside air is brought in through the vent openings in the rear hinge. The inner lid has enough vent openings to provide fresh air to the brooder and your baby birds.
- B.
- C.

D. IV. Adjusting the Cooler Brooder

- A. Selection knob
 - 1. The selection knob has 2 operations. Push in 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. Password
 - a) Your password is 5 (default)
 - b) Push in the selection knob.
 - c) When prompted dial in your password.
 - d) Push in selection knob
 - (i) If you wait too long the operation times out and the

Cooler Brooder resumes normal operation.

(ii) If you dial in the wrong password the Cooler Brooder resumes normal operation

(iii) If you dial in the correct password the Cooler Brooder moves to the temperature selection screen .

3. Temperature Selection

A. Dial in the desired temperature.

B. Push in the selection knob to set.

C. Always assess the baby when determining what is too hot or cold.

A baby that is too cold will huddle up against the side of the tub, a baby that is too hot will stretch out or even hang their head over the side when sleeping.

V. LCD Liquid Crystal Display

A. Displays the temperature in both Celsius and Fahrenheit.

B. Automatically uses the last settings even if the power has been off.

VI. Cleaning

A. Windex and a soft cloth will be all that is needed to keep your Cooler Brooder clean. Spraying with Nolvasan or a 10% diluted bleach solution will disinfect the Cooler Brooder.

B. The clear inner lid is made of a scratch resistant acrylic but for best performance should be wiped with a clean cotton washcloth (not a paper towel. Paper towels are more abrasive than cotton)

VII. High Temperature Alarm

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

C. The over high temperature scenario includes:

1. The car being too warm.

2. The Cooler Brooder being in direct sunlight.

3. The Cooler Brooder in path of a car heater outlet.

4. At lower temperatures i.e. 80°f the birds themselves may be big enough and old enough to generate their own heat to the point where they over-temp the Cooler Brooder.

a) If the high temp alarm sounds - push in the selection knob to silence it and open the Cooler Brooder lid to vent some heat.

Low Temperature Alarm now standard on all digital brooders. If the low temp alarm sounds - push in the selection knob to silence it.

VIII. From Day 1

A. Run the Cooler Brooder at 98°f to start. Once the baby has hatched and even during the hatching process . (I have used the Cooler Brooder as a hatcher

for years.)

1. Place the baby in a butter tub or container of your choice.
2. Place the container inside a sandwich bag (or gallon ziploc type bag) along with a soaked paper towel. Keep the paper towel separated from the tub.
 - a) The idea is to add extra humidity to just the area in the ziploc. **DON'T SEAL (ZIP) the ZIPLOC!!** The bag acts as a shield so the air circulating in the cooler brooder won't blow on and dry out the baby.
 - b) Change the paper towel and bedding material in the tub at every feeding. This warm moist environment will grow germs so extra vigilance is required here. (True with any brooder)
- B. Reduce the operating temperature of the brooder on day 3 to about 97°f and look at the baby.
 1. Always assess the baby when determining what is too hot or cold.
 - a) A baby that is too cold will huddle up against the side of the tub,
 - b) A baby that is too hot will stretch out or even hang their head over the side when sleeping.
 2. Every day or two after that I reduce the temperature another degree. Assessing the baby in the brooder. (Is the baby acting too cold or warm?) So by the time their real down feathers are coming in (2-3 weeks) the temperature is down in the mid 80's
 - a) When fully down feathered they can be at "room temperature". I'll leave them in the brooder (even turned off) and their own body heat will keep them comfortable.
- C. At this point I also lessen the amount of dampness on the paper towel. Gradually over a period of 3-4 days allowing the baby to further dry out.

VIII. Humidity

- A. Add humidity by placing a small dish or tub of water in the Cooler Brooder.
 1. Place paper towels in the dish if moving it around so the water doesn't spill.
 2. The surface area of the exposed water determines how fast the water will evaporate and how much "humidity" will be added.
 3. I place the tub under the "fan out duct". The warm air evaporates the tub of water. For less humidity reduce the size of the surface area of water exposed to air. (1 1/2 to 2" diameter juice glass is what I use.)
 4. After about 3 weeks or so your baby parrot may be big enough to generate enough additional moisture on their own and a extra dish of water isn't necessary anymore.

IX. Optional Power Supply

- A. With the Dual Voltage System (runs on 12VDC or 120VAC) the Cooler

Brooder works great as brooder in the nursery too. The power supply plugs into the wall and the Cooler Brooder plugs into the power supply. Many people transport the Cooler Brooder back and forth to work.

X. Warranty

A. The Cooler Brooder carries a one year parts and labor warranty. Shipping charges to and from our facility are the buyer's responsibility. Contact our service dept. at www.precisionincubators.com/support to begin the support process.

X1. Return Policy.

Returns will be accepted for 15 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.