

# **Brinsea**

## **EcoGlow Safety 600** **CHICK BROODER**



Read the instructions before use. Please observe all safety warnings:



Do not cover the brooder panel or the power supply unit or allow them to be buried in litter! This may cause it to overheat or create a fire hazard.

Damaged appliances must not be used. If the power supply unit, supply cord or the brooder panel become damaged discontinue use immediately. The sealed units contain no serviceable parts.

For continued safety against fire and electric shock, this appliance is only to be used with the power supply unit provided with the appliance. For replacements contact [brinsea.com](http://brinsea.com) or your local Brinsea stockist.

The brooder panel is designed for floor use. However, the power supply unit must be located at least 500mm off the floor in an indoor area not subject to splashes of water or wet conditions, protected from animals and away from litter.

This appliance must not be used, cleaned or maintained by children or persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge without supervision. Children must not play with the appliance.

Disconnect from the mains power supply during cleaning. Ensure that all electrical parts are kept dry.

Please read these instructions carefully before setting up your EcoGlow Brooder to achieve best results and keep these instructions safe for future reference.

The EcoGlow Safety 600 chick brooder is ideal for rearing up to 20 chicks, ducklings or most other species of fowl or game. The low voltage heater panel warms chicks gently and directly by replicating the warmth and contact of the adult bird. This makes it more economical and safer than infra-red lamps.

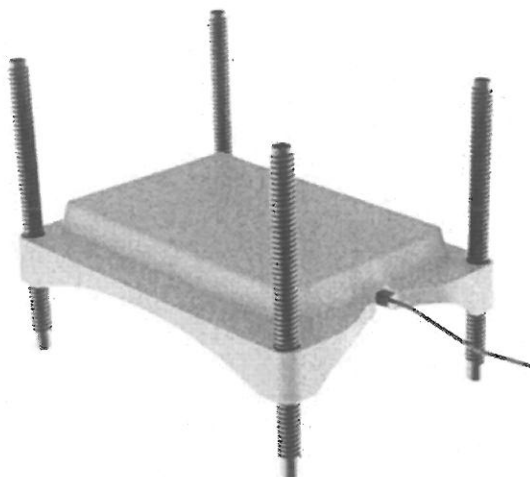
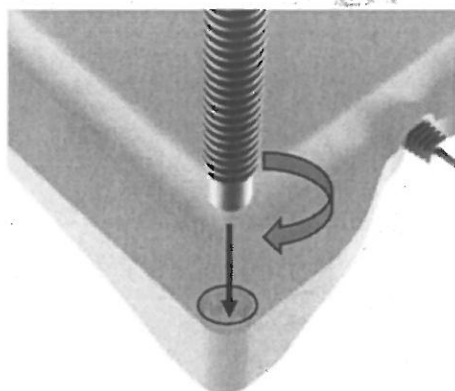
Measuring the temperature with a thermometer is not reliable. Always watch the behaviour of the birds. If they are too cool they will huddle together, make "peep" noises and will not come out from under the brooder. When warm enough the birds will be quiet, often lie down and will occasionally come out from under the brooder. The more of them, the less external warmth they need.

For more information on incubation and hatching please download our FREE Incubation Handbook:  
[www.brinsea.com/brochures/BrinseaIncubationHandbook2016.pdf](http://www.brinsea.com/brochures/BrinseaIncubationHandbook2016.pdf)

To register your new Brinsea product please visit [www.brinsea.com](http://www.brinsea.com) and follow the link on the right hand side of the home page to qualify for your free 3 year guarantee.

### **Assembly**

The brooder panel legs allow the height of the panel to be adjusted to suit the height of the chicks. Insert a leg into each corner socket and turn to screw into place.



Chicks prefer the brooder panel to be set low down at first so they can snuggle underneath as they would in the nest. Always ensure there is a minimum of 1<sup>1</sup>/<sub>8</sub>" (30mm) between the brooder and the litter surface. Gradually increase the height of the brooder panel as the chicks grow. One end of the panel may be set lower than the other, the chicks will then find their preferred height and chicks of different sizes will be accommodated. As a guide, for bantam chicks start with one end at 1<sup>1</sup>/<sub>2</sub>" (40mm) and the other at 3" (80mm).

Ensure the brooder panel cannot sink into deep litter. This could block the chicks' access to the heat source and potentially create a fire hazard.

Place the EcoGlow chick brooder where it is not likely to be trodden on by people or large animals. Avoid draughts. *Room temperature should not drop below 50 degrees Fahrenheit (10 degrees Celsius) at night.*

Always allow enough space around one side of the chick brooder to allow free movement of chicks. They will find their own comfortable temperature by moving under (or on top of) the brooder as they require. In a colder location close off one or two sides against the side of the brooding box or pen.

A set of inter-locking, plastic Chick Enclosure Panels available from Brinsea Products may be used to form a pen (part number HE100). Specially shaped brooder covers are also available to help make cleaning easier (part number HD050). These are specifically designed and tested to work safely with the heat source.

Connect the lead on the brooder panel to the lead on the power supply unit. Connect the power supply unit in a convenient electrical outlet, off the floor and out of the reach of animals. The red power indicator on top of the panel will gently glow and the metal plate under the brooder will get warm. Allow an hour to reach operating temperature.

Chicks should stay in the incubator for a minimum 24 hours to recover from hatching and to dry off, they do not require food or water. If a chick fails to thrive, return it to the incubator for longer. Closely monitor new chicks for the first few days when they are most vulnerable.

### **Cleaning**

**Disconnect the mains supply before cleaning or moving the brooder.**

**Keep the power supply unit and electrical connections dry at all times.**

**Do not immerse the panel in water or place any part in liquids over 120°F (50°C).**

After use, clean thoroughly with Brinsea Incubation Disinfectant solution. In the event of a problem, please contact [brinsea.com](http://brinsea.com) or your local Brinsea stockist.

### **Specification**

Panel Dimensions: Length 11.5" (291mm), Width 8.2" (208mm), Height 2.4" (61mm). Weight: 23 oz (650g). Power consumption: 12 Watts with power supply unit as enclosed.

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