

Poultry Incubator



POWERSOL MARKETING

DOOR NO: 43/2608 A2, NOUREEN TOWER, SASTHA TEMPLE ROAD, COCHIN-18

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IMPORTANT NOTICE:

- All performance data and technical specifications given in this manual are based on our lab tests conducted at standard conditions, rated voltage and frequency and temperature and humidity are likely to change with various Field conditions. As improvements are made in design from time to time, specifications and performance are subjected to change without prior information for latest details; you may get in touch with our authorized dealers/service centers.

Welcome Powersol

Dear Customer,

Congratulations on your purchase of **POWERSOL** poultry incubators and welcome to the elite family of **POWERSOL** customers. **POWERSOL** incubators are manufactured conforming to the latest international standards. Every stage of the manufacturing process is closely monitored through stringent quality tests. In-house R&D and effective quality assurance bring you value added, reliable and cost-effective products. This manual will help you to know your incubator. It is important that the incubator set is properly selected, installed and maintained.

- Please read this manual carefully before going to install the incubator.
- For any further assistance and information you may kindly contact us at our authorized dealer or service centers.

BASICS OF POULTRY INCUBATOR

POWERSOL incubators are used for hatching a variety of different types of eggs. Typical incubators have the ability to maintain a specified temperature along with controlled humidity and ventilation. If you can consistently for the species being hatched, you will be ensured the greatest chance of a successful hatch.

The incubator is an apparatus that is used for environmental conditions, such as temperature and humidity that needs to be controlled. It is often used for growing bacteria cultures, hatching eggs artificially, or providing suitable conditions for a chemical or biological reasons. The incubator is recorded to hatch not only birds eggs, but it also is used reptile eggs. It allows the fetus inside of the eggs to grow without the mother needing to be present to provide the warmth. Chicken eggs are recorded to hatch after about 21 days, but other species of birds can either take a long or shorter amount of time. An incubator is supposed to be able to set the perfect environment and condition for an egg to incubate because it regulates the factors such as temperature, humidity, and turning the egg when necessary. This is so that the egg incubated properly because it plays the role of the hen in its natural state. The incubator also allows the egg to incubate while eliminating the external threats that could possible harm the eggs. It is possible to include different species of birds at the same time within the same incubator.

INSTRUCTIONS

The Things To Be Done For Better Hatching Result

- Before placing the eggs clean the incubator with little anti biotic liquid thick cloth.
- Switch on the incubator for about 2 hours before placing the egg.
- Use the stabilizer to avoid damage to incubator due to voltage fluctuations.
- When there is no power the incubator will not work properly, so place an inverter for generate power.
- Do not open the incubator when it is a switched on if needed switch off the incubator to open it.
- Just before the hatching date place the eggs in the hatching basket from the egg tray.
- Constant power supply is needed for the incubator or it may result in delay or change in turning time. So it is suggested to use an inverter we can provide inverter for an extra charge.
- Fill the water tank fresh water every 2 days.

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- When should the incubator be prepared for the eggs?
 - A. About a week before starting the incubation process.
- Where should the eggs be stored, if they cannot be set right away?
 - A. If they cannot be put in an incubator right away, then they should be kept in a cool room at a temperature of 55-60 degree F.
- How do you disinfect the incubator?
 - A. Disinfect incubator with 10 percent bleach solution, then wash with warm soapy water and rinse thoroughly.

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- How long should egg be held for incubating?
A. No more than seven days.
- What are the factors for successful hatches?
A. Successful hatches can be obtained by securing fertile eggs, maintaining correct temperature and humidity, increasing ventilation when chicks hatch, turning the egg properly.
- What should used to mark the eggs?
A. A lead pencil only.
- What should I do if the eggs in incubator do not hatch on the 21st day?
A. Leave the unhatched eggs until the 23rd or 24th day.
- What does it mean when chicks are very wet and mushy?
A. Chicks are wet and mushy if too much humidity is in the incubator. To lower humidity at the end do not place more than one sponge in bottom of incubator to avoid lower humidity.
- How can I be sure that I have enough humidity?
A. Maintain correct water level in the bottom of the water to maintain humidity.
- How do I add water?
A. Add warm and fresh water (100 degrees F) with a squeeze bottle, or meat buster, without getting the eggs wet.
- How do I count the days?
A. Count the days of incubation from the first day the eggs are places in the incubator. If placed in the a.m. that day would be Day 1: if placed in the p.m. that day would be Day 0, the next day would be Day 1.



INSTALLATION

- Place the Hatcher base on a flat, level surface (workbench height is ideal) with the door facing forwards.
- Plug incubator mains supply cable into a suitable outlet.
- Allow the incubator to run for at least an hour to stabilize the temperature before making adjustments or setting eggs.
- Always disconnect the power supply before moving the incubator.
- After pouring water into both grooves patterns, place the hatching mat in the tray bottom and run the Hatcher for at least an hour at the correct temperature to warm the water.
- Disconnect the incubator and base from the main power supply during. Cleaning.
- Ensure that all electrical parts are kept dry.
- The exterior of the cabinet may cleaned with a damp cloth.
- Only use the power supply unit supplied with the product. Use of a different power supply may cause a hazard and will invalidate any warranty.

POWERSOL INCUBATOR CAN HATCH THESE

Sl No	Bird Name	Period	Transfer Day
1	Chicken	21	18
2	Muscovy Duck	35-37	31-33
3	Duck	28	25
4	Goose	22-30	20-27
5	Guinea	28	25
6	Peafowl	28-29	25-26
7	Pheasant	22-28	20-25
8	Bobwhite Quail	23	21
9	Japanese Quail	17-18	15
10	Swan	33-37	30-33
11	Turkey	28	25
12	Emu	49-50	47
13	Ostrich	42	39



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