

Ovation 28 EX Egg Incubator Manual PDF Download

March 2, 2024 by [Ossama Khattak](#)

Welcome to the world of egg incubation with the Ovation 28 EX fully automatic egg incubator by Brinsea. This comprehensive user manual is your guide to unlocking the full potential of your incubator, providing detailed instructions for setup, operation, maintenance, and troubleshooting. Whether you're a seasoned breeder or a novice enthusiast, this manual will ensure your hatching journey is a successful and rewarding experience.

Product preview

The Ovation 28 EX incubator represents the pinnacle of incubation technology, combining advanced features with user-friendly design. With a capacity to hold up to 28 chicken eggs and compatibility with a wide range of egg sizes, this fully digital incubator is suitable for various poultry and exotic bird species.

Property	Value
Size	One Size
Brand	Brinsea
Theme	Incubation
Age Range (Description)	Baby
Item Dimensions LxWxH	16 x 13 x 9 inches

Technical Specifications:

Property	Value
Capacity	28 chicken eggs
Material	Robust and easy-to-clean plastic cabinet
Automatic Egg Turning	Programmable
Humidity Control	Fully automatic with integrated humidity pump
Temperature Control	Automatic, factory calibrated in °F or °C
Alarms	High and low incubator and room temperature alarms
Ventilation	Adjustable air vent
Power	Mains power supply

Unpacking and Assembly:

Upon receiving your Ovation 28 EX incubator, carefully unpack the contents and inspect for any damage or missing parts. Follow these steps for assembly:

1. Remove all packaging materials from the incubator.
2. Check that all components are included as per the parts diagram.
3. Assemble the water pans, evaporation block, egg carriers, and top cover as instructed in the manual.
4. Ensure the incubator is placed on a flat, level surface away from direct sunlight and with adequate ventilation.

Pump Setup:

The Ovation 28 EX utilizes a peristaltic water metering pump for automatic humidity control. Follow these steps to set up the pump:

- Fit the pump connectors and tubing according to the diagram provided.
- Ensure the water container is placed next to the incubator on the same surface.
- Regularly check the water level in the container and replace the tubing every 3 months.

Location and Installation:

Proper placement and installation of your incubator are crucial for optimal performance. Follow these guidelines:

1. Place the incubator in a heated room with stable temperatures between 68°F and 77°F.
2. Connect the mains cable to the incubator lid and ensure it's securely in place.
3. Avoid placing the incubator on the floor or in direct sunlight.

Functional Features:

The Ovation 28 EX is equipped with several features to ensure precise control and monitoring of the incubation environment:

- **Digital Display:** Provides real-time readings of temperature, humidity, and turning status.
- **Control Buttons:** Allow for easy programming and adjustment of settings.
- **Adjustable Air Vent:** Regulates ventilation for optimal hatching conditions.
- **Egg Carriers:** Securely hold eggs in place during incubation, with the capacity for various egg sizes.

Humidity and Ventilation:

Maintaining proper humidity levels is essential for successful egg incubation. Here's what you need to know:

1. Short-term variations in humidity are normal, but average humidity levels over the incubation period should be near optimum.

2. High humidity levels are crucial during hatching to prevent eggshell membranes from drying out and sticking to the chicks.
3. Ensure adequate ventilation to prevent the buildup of harmful gases and maintain air circulation within the incubator.

Hatching:

Preparing for the hatching process requires careful planning and adjustment of incubator settings:

1. Remove the top of the incubator and egg carriers two days before the hatch is due.
2. Please turn off the egg by turning in the control menu to allow the chicks to orient themselves properly inside the eggs.
3. Maintain high humidity levels during hatching to support the chicks' emergence from the eggs.

Safety Information:

Ensuring the safety of both the user and the equipment is paramount:

1. Disconnect the incubator from the mains power supply before cleaning or performing maintenance.
2. Keep all electrical parts dry and avoid immersing the incubator top in water.
3. Clean the base, egg carriers, and cabinet parts with liquids below 120°F to prevent damage.
4. Do not use a dishwasher to clean any parts of the incubator.

Maintenance:

Regular maintenance is essential for the continued performance and longevity of your incubator:

- Clean the incubator after each use to prevent the buildup of dirt, debris, and bacteria.
- Inspect electrical components for signs of wear or damage and replace as needed.

- Store the incubator in a dry, dust-free environment when not in use to prevent damage and ensure readiness for future use.

Troubleshooting:

In the event of any issues or malfunctions with your incubator, refer to the troubleshooting section in the manual for guidance. Common issues and solutions are provided to assist you in resolving problems quickly and effectively, ensuring minimal disruption to your hatching process.

Conclusion:

We trust that this user manual has equipped you with the knowledge and confidence to make the most of your Ovation 28 EX fully automatic egg incubator. Should you have any further questions or require assistance, please don't hesitate to contact your retailer or Brinsea Products. Happy hatching!

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