GOOTOP JY-02

GOOTOP 4200V Electric Mosquito Zapper (Model JY-02) Instruction Manual

Brand: GOOTOP | Model: JY-02

Safety Information Product Overview Setup Operating Instructions Maintenance Troubleshooting Specifications Warranty & Support

1. Safety Information

Please read all safety instructions carefully before using the GOOTOP Electric Mosquito Zapper. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- **Always unplug or turn off the zapper before cleaning or handling it.**
- Keep the device out of reach of children and pets. The protective outer casing is designed to prevent accidental contact with the high-voltage grid, but supervision is always recommended.
- This product is EPA registered, indicating it meets certain safety and efficacy standards.
- The plastic housing is fireproof for added safety.
- Do not use the device near flammable liquids or gases.
- Do not immerse the device in water or any other liquid.
- Ensure the power cord and plug are not damaged. If damaged, do not use the device.
- For outdoor use, place the zapper under a covered area to protect it from rain and direct moisture.

2. Product Overview

The GOOTOP 4200V Electric Mosquito Zapper (Model JY-02) is designed to effectively eliminate flying insects using a blue-violet light to attract them and a high-voltage electric grid to zap them on contact. It offers a chemical-free solution for insect control.



Figure 2.1: Exploded view of the GOOTOP Bug Zapper, highlighting its key components including the blue-violet light, 4200V grid, hanging hoop, ABS fire-proof housing, and removable tray.

Key Features:

- **Effective Insect Elimination:** Attracts and zaps mosquitoes, Aedes, gnats, midges, flies, horse flies, fruit flies, house flies, moths, and wasps.
- **High-Voltage Grid:** Features a 4200V electric grid for instant insect elimination.
- **Wide Coverage:** Provides 360-degree control with up to 1/2 acre coverage.
- **Durable Construction:** Made with ABS plastic outer casing for fireproof and robust use.
- **Versatile Placement:** Includes a hanging hoop for easy placement indoors or outdoors (under cover).
- **Easy to Clean:** Equipped with a removable tray for simple disposal of dead insects.
- **Replaceable Bulb:** The internal bulb is replaceable, extending the product's lifespan.
- **3-Prong Plug:** Designed with a 3-prong plug to avoid electric shock.



Figure 2.2: The GOOTOP Bug Zapper operating in an outdoor evening environment, effectively attracting flying insects.

3. Setup

Setting up your GOOTOP Electric Mosquito Zapper is straightforward. Follow these steps for optimal performance:

1. **Unpack:** Carefully remove the zapper from its packaging.
2. **Placement:**
    - For best results, place the bug zapper 3 feet above the floor.
    - Position the zapper in a dark environment or use it at night, as the blue-violet light is most effective in attracting insects when other light sources are minimal.
    - If using outdoors, ensure it is placed under a covered area to protect it from rain and direct moisture.
    - Avoid placing it too close to where people are sitting, as it is designed to attract insects away from you.
3. **Power Connection:** Plug the 3-prong power cord into a suitable 90-130V AC outlet. The device will start working immediately.



Figure 3.1: The bug zapper positioned for outdoor use, suitable for gardens, patios, balconies, and courtyards.



Figure 3.2: The bug zapper in an indoor setting, providing mosquito control for a peaceful night's sleep.

4. Operating Instructions

The GOOTOP Electric Mosquito Zapper operates automatically once plugged in. There are no additional buttons or settings required for basic operation.

- **Activation:** Simply plug the device into a power outlet. The blue-violet light will illuminate, indicating it is active and attracting insects.
- **Optimal Use:** For best results, turn off other lights and close windows and doors in the area where the zapper is operating. This minimizes competing light sources and maximizes the zapper's attraction power.
- **Recommended Duration:** Turn on the bug zapper for at least 3 hours before anyone enters the room or outdoor area to pre-clear the space of flying insects.
- **Continuous Use:** For better and continuous results, especially during peak insect seasons, use the zapper continuously for 3-5 days.

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Video 4.1: An overview of the GOOTOP Large Bug Zapper, demonstrating its operation and features. This video is provided by GOOTOP.

5. Maintenance

Regular maintenance ensures the longevity and effectiveness of your bug zapper.

Cleaning the Removable Tray:

1. **Unplug:** Always unplug the zapper from the power outlet before cleaning.
2. **Remove Tray:** Gently twist the removable tray at the bottom of the unit counter-clockwise and pull it out.
3. **Empty Debris:** Dispose of the accumulated insect debris.
4. **Clean Tray:** Use the provided brush to clean any remaining insects from the tray and the electric grid. You can also rinse the tray with water.
5. **Dry and Reinstall:** Ensure the tray is completely dry before screwing it back into place clockwise.
6. **Frequency:** The tray needs to be emptied and cleaned regularly to keep the bug zapper working efficiently.



Figure 5.1: Visual guide on how to clean the removable insect tray, including twisting to remove, brushing, and rinsing.

Replacing the Bulb:

If the bug zapper stops attracting insects or the light dims significantly, the bulb may need replacement.

- **Unplug:** Ensure the zapper is unplugged from the power source.
- **Access Bulb:** Refer to the product's internal design to safely access and remove the old bulb.
- **Install New Bulb:** Insert a new 15W U-tube bulb (4-pin base) into the socket. Ensure it is securely seated.
- **Test:** Plug the zapper back in to confirm the new bulb is working.



Figure 5.2: The replaceable 15W bulb of the GOOTOP Bug Zapper, indicating ease of maintenance.

6. Troubleshooting

If you encounter issues with your GOOTOP Electric Mosquito Zapper, try the following solutions:

Problem	Possible Cause	Solution
Zapper does not turn on.	No power, faulty outlet, or damaged cord.	Check if the zapper is properly plugged in. Test the outlet with another device. Inspect the power cord for damage.
Light is on, but no insects are being zapped.	Bulb is old/ineffective, or competing light sources.	Ensure the area is dark. Consider replacing the bulb if it has been in use for a long time. Clean the electric grid if it's obstructed.
Zapper is less effective than usual.	Full insect tray, dirty grid, or old bulb.	Clean the removable tray and the electric grid thoroughly. Replace the bulb if necessary.

Problem	Possible Cause	Solution
Loud "zap" sound but no dead insects visible.	Small insects may turn into ash upon contact.	This is normal for very small insects. Continue regular cleaning of the tray.

7. Specifications

- **Brand:** GOOTOP
- **Model Number:** JY-02
- **Color:** JY-Black
- **Material:** ABS Plastic
- **Product Dimensions (L x W x H):**5.9" x 5.9" x 11.8"
- **Item Weight:** 0.96 Kilograms
- **Power Source:** AC
- **Input Voltage:** 90-130V
- **Grid Power:** 4200V
- **Rated Power:** 15W
- **Coverage Area:** Up to 1/2 Acre
- **Recommended Uses:** Indoor, Outdoor (under covered area)
- **Special Features:** Replaceable bulb, Removable tray, Hanging hoop, Fireproof housing, 3-Prong Plug.

8. Warranty & Support

For warranty claims, product support, or inquiries, please contact GOOTOP customer service. The product is eligible for a 30-day refund/replacement policy through Amazon. For further assistance beyond this period, please reach out to the manufacturer directly.
You can visit the official GOOTOP store for more information and contact details:GOOTOP Store on Amazon.

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