

## Flowtron BK-40D

# Flowtron Electric Bug Zapper Instruction Manual

Model: BK-40D

Brand: Flowtron

## 1. INTRODUCTION

Thank you for choosing the Flowtron Electric Bug Zapper. This device is designed to provide effective outdoor insect control, covering up to 1 acre. It utilizes a dual lure method, combining a 40W UV light with an Octenol attractant to draw in and eliminate various flying insects, including mosquitoes and flies, using a powerful 5600V kill grid. This manual provides essential information for the safe and efficient operation, setup, maintenance, and troubleshooting of your bug zapper.



Image: The Flowtron Electric Bug Zapper, highlighting its 1-acre coverage and dual lure method with UV light and Octenol attractant. The product is shown with a 'Made in USA' tag.

## 2. SAFETY INFORMATION

Please read all safety instructions carefully before operating the bug zapper. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- **Outdoor Use Only:** This appliance is intended for outdoor use only. Do not use indoors or in enclosed spaces.
- **Keep Away from Water:** Do not immerse the unit in water or expose it to heavy rain. Ensure the power cord and plug are kept dry.
- **Children and Pets:** While designed to be safe around children and pets, always install the unit out of reach to prevent accidental contact with the electrical grid.
- **Power Source:** Connect the bug zapper only to a properly grounded outdoor outlet. Do not use with extension cords unless they are rated for outdoor use and are properly grounded.
- **Maintenance:** Always unplug the unit before cleaning, performing maintenance, or replacing bulbs/attractants.
- **No Foreign Objects:** Never insert fingers or foreign objects into the unit while it is plugged in.
- **UL Certified:** This product is UL Certified, ensuring it meets rigorous safety standards.



Image: The Flowtron bug zapper operating in a backyard setting, with children and a dog in the background, illustrating its safe design for use around families and pets.

### 3. PACKAGE CONTENTS



Verify that all components are present and undamaged upon opening the package:

- Flowtron Electric Bug Zapper Unit (Model BK-40D)
- 40W UV Light Bulb (pre-installed)
- Octenol Attractant Cartridge
- Hanging Ring
- Instruction Manual (this document)



Image: An exploded diagram of the Flowtron bug zapper, labeling key components such as the hanging ring, 40-watt UV replaceable bulb, 5600V non-clogging killing grid, polycarbonate weatherproof housing, and Octenol attractant chamber.

## 4. SETUP

Follow these steps for initial setup:

1. **Unpack:** Carefully remove all contents from the packaging.
2. **Choose Location:** Select an outdoor location away from human activity areas (e.g., patios, dining areas) but within 1 acre of the area to be protected. Ideal placement is 15-20 feet away from where people gather, and at a

height of 6-8 feet from the ground for optimal insect attraction. Ensure it is near a grounded outdoor electrical outlet.

3. **Install Attractant:** Open the attractant compartment (usually at the bottom or side of the unit) and insert the Octenol attractant cartridge. Close the compartment securely.
4. **Hang the Unit:** Use the integrated hanging ring to suspend the unit from a sturdy hook, shepherd's hook, or bracket. Ensure it hangs freely and is not obstructed.
5. **Plug In:** Plug the power cord into a grounded outdoor electrical outlet. The UV light will illuminate, indicating the unit is operational.



Image: The Flowtron bug zapper with its dimensions indicated: 13.5 inches in height and 8.5 inches by 8.5 inches at the base. The cord length is 11 inches.



Image: A hand demonstrating the insertion of an Octenol attractant cartridge into the designated slot of the bug zapper, showing how to activate the secondary lure method.

## 5. OPERATING INSTRUCTIONS

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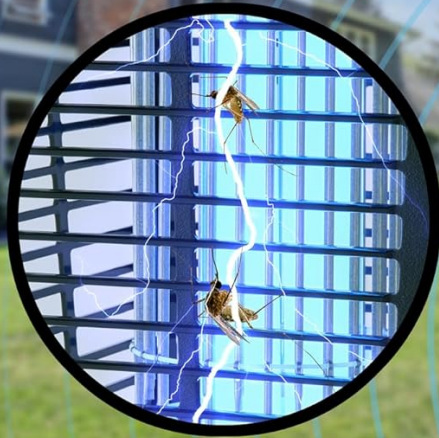
Once set up, the Flowtron Bug Zapper operates continuously when plugged in. For best results:

- **Continuous Operation:** For maximum effectiveness, allow the unit to operate continuously, especially during peak insect activity hours (dusk to dawn).
- **Dual Lure Method:** The combination of the UV light and Octenol attractant ensures a wide range of flying insects are drawn to the unit. The 5600V kill grid instantly zaps insects upon contact.
- **Target Insects:** The zapper is effective against mosquitoes, flies, wasps, fruit flies, moths, gnats, and Aedes mosquitoes.
- **Weatherproof Design:** The polycarbonate housing is designed to withstand various weather conditions, allowing for year-round outdoor use.



THE "ORIGINAL"  
**FLOWTRON**<sup>®</sup>  
SINCE 1974

**1 ACRE**  
COVERAGE



**5600V HIGH-EFFICIENCY  
KILLING GRID**

**ATTRACTS & INSTANTLY KILLS:**



**MOSQUITOES**



**FLIES**



**WASPS**



**FRUIT FLIES**



**MOTHS**



**GNATS**



**AEDES**

Image: The Flowtron bug zapper in an outdoor setting, illustrating its 1-acre coverage and highlighting the types of insects it attracts and instantly kills, including mosquitoes, flies, wasps, fruit flies, moths, gnats, and Aedes mosquitoes.

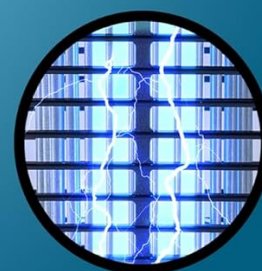
**GUARANTEED  
1 ACRE  
KILLING RADIUS**



**40W UV BULB ATTRACTS  
INSECTS IN THE AREA AND  
ACTIVATES THE OCTENOL**



**OCTENOL ATTRACTANT MIMICS  
RUMINANTS' BREATH AND  
INCREASES THE ATTRACTION**



**ULTRA POWERFUL 5600V  
KILLING GRID ZAPS BUGS BIG  
AND SMALL IN SECONDS**

Image: A detailed explanation of the Flowtron's dual lure method, showing how the 40W UV bulb attracts insects and activates the Octenol, which mimics ruminants' breath to increase attraction, leading to the ultra-powerful 5600V killing grid.

## 6. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your bug zapper.

### 6.1. Cleaning the Kill Grid

Over time, dead insects may accumulate on the kill grid, reducing efficiency. The 5600V non-clogging grid is designed to minimize this, but occasional cleaning is recommended.

1. **Unplug:** Always unplug the unit from the power outlet before cleaning.
2. **Brush:** Use a small, non-metallic brush (e.g., a stiff paintbrush or an old toothbrush) to gently brush away any accumulated insect debris from the kill grid. Do not use water or cleaning solutions directly on the grid.
3. **Collection Tray:** The zapped insects typically fall to the ground for natural compost. If your model has a collection tray, empty and clean it regularly.





Image: The Flowtron bug zapper in operation, illustrating how zapped insects fall directly to the ground, promoting natural composting and reducing the need for frequent tray emptying.

## 6.2. Bulb Replacement

The 40W UV light bulb has a limited lifespan and should be replaced annually for optimal performance, as its UV output diminishes over time even if it still glows.

1. **Unplug:** Disconnect the unit from the power source.
2. **Access Bulb:** Refer to your unit's specific design for accessing the bulb compartment. This usually involves removing a protective cover or unscrewing a section of the housing.
3. **Remove Old Bulb:** Gently twist or pull the old bulb to remove it from its socket. Handle with care to avoid breakage.
4. **Install New Bulb:** Insert the new 40W UV replacement bulb into the socket, ensuring it is firmly seated.
5. **Secure:** Reattach any covers or screws removed during the process.



Image: A hand demonstrating the process of replacing the UV light bulb in the bug zapper, showing the bulb being inserted into its housing.

### 6.3. Octenol Attractant Replacement

The Octenol attractant cartridge typically lasts for approximately 30 days and should be replaced regularly for continuous enhanced attraction.

1. **Unplug:** Disconnect the unit from the power source.
2. **Access Cartridge:** Locate the attractant compartment, usually a small tray or slot.
3. **Remove Old Cartridge:** Remove the expired Octenol cartridge.
4. **Insert New Cartridge:** Place a new Flowtron Octenol attractant cartridge into the compartment.
5. **Secure:** Close the compartment securely.

## 7. TROUBLESHOOTING

If you encounter issues with your Flowtron Bug Zapper, refer to the table below for common problems and solutions.

Problem	Possible Cause	Solution
Unit does not light up or zap.	No power; Bulb is burnt out; Loose connection.	Check power outlet and circuit breaker. Ensure plug is fully inserted. Replace UV bulb if necessary.
Reduced insect attraction.	UV bulb is old; Octenol attractant is expired; Unit placement is suboptimal.	Replace UV bulb (annually). Replace Octenol attractant (monthly). Relocate unit further from human activity areas and closer to insect breeding grounds.
Zapping sound is infrequent or absent.	Few insects present; Kill grid is clogged.	This may be normal if insect population is low. Unplug unit and gently brush clean the kill grid.
Unit makes a buzzing sound.	Normal operation; Insect caught on grid.	A slight buzzing is normal. If loud or continuous, unplug and check for large insect debris on the grid.

## 8. SPECIFICATIONS

Key technical specifications for the Flowtron Electric Bug Zapper Model BK-40D:

Feature	Detail
Model Number	BK-40D
Coverage Area	Up to 1 Acre
UV Light Wattage	40W
Kill Grid Voltage	5600V
Lure Method	UV Light & Octenol Attractant
Housing Material	Polycarbonate (Weatherproof)
Dimensions (approx.)	10.2 x 16.5 x 10.2 inches
Item Weight	5.25 Pounds
Certifications	UL Certified, EPA Certified Octenol Attractant
Country of Origin	USA



THE "ORIGINAL"  
**FLOWTRON®**  
SINCE 1974



**ENERGY SAVING**



**NO CHEMICAL SMELL**



**EPA CERTIFIED OCTENOL  
ATTRACTANT**



**UL CERTIFIED DESIGN**



**GREAT FOR BACKYARD, PATIO,  
DECK, PORCH, AND FARMS**



**MADE IN THE USA**







Image: The Flowtron bug zapper in a backyard setting, highlighting its energy-saving features, no chemical smell, EPA certified Octenol attractant, UL certified design, suitability for various outdoor spaces, and its 'Made in USA' origin.

## 9. WARRANTY AND SUPPORT

Flowtron products are manufactured to high standards. For specific warranty details, including duration and coverage, please refer to the warranty card included with your purchase or visit the official Flowtron website. For technical support, replacement parts, or further assistance, please contact Flowtron customer service through their official channels.

No official product videos were provided in the product data for embedding in this manual.

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 <p>Flowtron MC-9000 Electronic Insect Killer</p> <p>Installation &amp; Maintenance Instructions</p> <p>READ ALL INSTRUCTIONS BEFORE USING SAVE INSTRUCTIONS FOR FUTURE REFERENCE</p>	<p><a href="#">Flowtron MC-9000 Electronic Insect Killer Owner's Manual &amp; Installation Guide</a></p> <p>Comprehensive owner's manual for the Flowtron MC-9000 Electronic Insect Killer, covering installation, safety, maintenance, troubleshooting, and accessories. Features include a one-year limited warranty and effective mosquito attraction.</p>
 <p>Flowtron Electronic Insect Killer</p> <p>Model 14044</p> <p>Important Safety Precautions</p> <p>Read all instructions before using. Save instructions for future reference.</p>	<p><a href="#">Flowtron Electronic Insect Killer Model 14044: Installation and Operation Guide</a></p> <p>Comprehensive instructions for installing, operating, and maintaining the Flowtron Electronic Insect Killer Model 14044. Includes safety precautions, troubleshooting, and warranty information.</p>
 <p>Bug Zapper BK-19</p> <p>Myelechome Insect Killer</p> <p>Read all instructions before using. Save instructions for future reference.</p>	<p><a href="#">Bug Zapper BK-19 User Guide   Myelechome Insect Killer</a></p> <p>Comprehensive user guide for the Myelechome Bug Zapper Model BK-19. Learn about its features, specifications, safe usage, and maintenance for effective pest control.</p>
 <p>VULPES GOODS<sup>®</sup></p> <p>MOSQUITO KILLER LAMP</p> <p>MANUAL - HANDBUCH - HANDEIDUNG - MANUEL</p> <p>WWW.VULPESGOODS.COM</p>	<p><a href="#">Vulpes Goods Mosquito Killer Lamp VG-BK-21 User Manual and Specifications</a></p> <p>User manual and technical specifications for the Vulpes Goods Mosquito Killer Lamp (Model VG-BK-21). Includes operating instructions, safety precautions, charging details, and product parameters.</p>