

FLOWTRON[®]
Electronic Insect Killer

PV-75A
PV-75A CAN
**OWNER'S
MANUAL**



Household type

Installation & Maintenance Instructions

READ ALL INSTRUCTIONS BEFORE USING
SAVE INSTRUCTIONS FOR FUTURE REFERENCE

IMPORTANT SAFETY INSTRUCTIONS

WARNING: When using electric appliances, basic precautions should always be followed, including the following:

1. Use properly grounded 115/120 Volt A.C. outlet and 3-wire extension cord.
2. Keep extension cord connection dry and off the ground.
3. Never place fingers or hands, or insert any objects into the unit while it is connected to an electrical outlet.
4. Always disconnect the unit from its power source before cleaning, handling, emptying its trap or disassembling unit.
5. Remove trap and dispose of dead insects frequently to insure proper air flow through the trap.
6. Do not abuse the power cord. Never carry the unit by its cord. Never yank power cord to disconnect it from the receptacle.
7. Keep power cord from heat, oil and sharp edges. Repair or replace damaged power cord.
8. Store unit indoor when not in use. Keep out of reach of children.
9. Do not clean with a water spray or the like.

GENERAL INFORMATION

Your Flowtron Electronic Insect Killer is designed to attract and kill light sensitive flying insects which are attracted to its ultraviolet light and its unique Octenol slow release mosquito attractant. As insects fly toward the light, a special air flow draws them into a convenient, removable trap where they quickly dehydrate and die.

Flowtron utilizes two of the most important technologies in attracting and killing mosquitoes and other light-sensitive flying insect pests.

1. **Diffused Light Source** – Bright, intense light can affect the behavior of mosquitoes and may actually act as a repellent at close range. The uniquely designed lens around your insect killer bulb diffuses ultraviolet light to ensure that mosquitoes will continue to fly to the unit and not be repelled as they near the light source.

2. **Air Movement** – Your insect killer is equipped with an axial fan which produces a special air flow to draw mosquitoes and other small insect pests into the unit. As insects approach, this air flow affects their natural defensive reaction to escape by gently guiding them into the unit, through the fan and into a removable trap where they quickly dehydrate and die.

INSTALLATION

1. Unpack the insect killer and save the carton and fillers to store the unit in the off season.
2. **For outdoor use**, choose a sturdy mounting surface from which to hang the unit. Flowtron SB-300 Security Bracket or SP-200 Security Pole are available as accessories and may be purchased on line at www.flowtron.com.
Hang the unit three to six feet above the ground and 25 to 50 feet away from areas intended for human activity. Position the unit between the source of insects (woods, low lands, water, etc.) and the area to be protected.
3. **For indoor use**, place the unit on a table or directly on the floor in an area where mosquitoes and other flying insects tend to gather.

EXTENSION CORDS

Extension cords must be used with the Flowtron insect killer. For outdoor use, use extension cords marked SJW-A and tagged "suitable for use with outdoor appliances."

For indoor use, the longer extension cord should be arranged so that it will not drape over the countertop or the tabletop where it can be tripped over, snagged or pulled on unintentionally (especially by children).

The electrical rating of the extension cord must be as great as the electrical rating of your Flowtron insect killer.

Use only three-wire extension cords which have three-prong grounding type plugs and three-pole receptacles which accept the product's plug.

Appropriate extension cords and devices for retaining an extension cord connection to the Flowtron insect killer power cord are available at your local dealer.

GROUNDING INSTRUCTIONS

This unit must be grounded. In the event of malfunction or breakdown, grounding provides a path of least resistance for electric current to reduce the risk of electric shock. This unit is equipped with a cord having an equipment-grounding conductor and a grounding plug. The plug must be plugged into an appropriate outlet that is properly installed and grounded in accordance with all local codes and ordinances.

DANGER – Improper connection of the equipment-grounding conductor can result in a risk of electric shock. The conductor with insulation having an outer surface that is green with or without yellow stripes is the equipment-grounding conductor. If repair or replacement of the cord or plug is necessary, do not connect the equipment-grounding conductor to a live terminal. Check with a qualified electrician or serviceman if the grounding instructions are not completely understood, or if in doubt as to whether the unit is properly grounded. Do not modify the plug provided with the insect killer – If it will not fit the outlet, have a proper outlet installed by a qualified electrician.

This unit is for use on a nominal 120V circuit, and has a grounding plug that looks like the plug illustrated in Figure A. A temporary adaptor, which looks like the adaptor illustrated in figures B and C, may be used to connect this plug to a 2-pole receptacle as shown in figure C if a properly grounded outlet is not available. The temporary adaptor should be used only until a properly grounded outlet can be installed by a qualified electrician. The green colored rigid ear, lug and the like, extending from the adaptor must be connected to a permanent ground such as a properly grounded outlet box cover.

Whenever the adaptor is used, it must be held in place by the metal screw.

OCTENOL MOSQUITO ATTRACTANT

U.S. Government and university researchers have demonstrated that octenol, a component of respiration, is effective in attracting many species of mosquitoes and biting flies.

Your Flowtron insect killer uses an exclusive slow-release Octenol mosquito attractant cartridge (MA-1000) which increases the effectiveness of the insect killer to lure mosquitoes and biting flies into its trap.

Directions for Use:

Remove the octenol cartridge from the sealed pouch and peel the protective cover from the face of the cartridge. Avoid touching the openings in the cartridge and always wash your hands thoroughly after contact. See Figure 1a.



Installation:

1. Remove double face tape from package and peel off backing paper from one side of the tape. Press the tape to the bottom of the

octenol cartridge (side opposite evaporation holes).

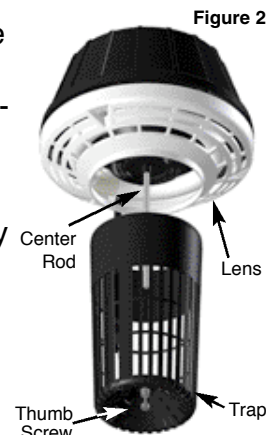
2. Peel backing paper off opposite side of the tape. Press cartridge in place over rectangle opening in the lens as shown in Figure 1b.

Operation:

When your insect killer is on it will provide the convective air flow to vaporize the lure and disperse it at the proper rate per hour for maximum effectivity. Replace the octenol cartridge after 450 hours of insect killer operation (approximately three weeks).

MAINTENANCE

Trap – Empty the trap frequently to insure proper air flow through the unit. To empty the trap loosen the thumb screw located at the bottom of the trap and remove trap from the unit. See Figure 2.



To re-install the trap, position the cut-out at the top of the trap over the bulb socket, align the thumb screw with the threaded end of the center rod and twist thumb screw clockwise until tight.

Fan – Clean fan by removing trap and blowing out dead insects and insect debris using a blower such as a portable hair dryer or the exhaust attachment of a vacuum cleaner. Do not hose or spray your unit.

Bulb Replacement:

To replace bulb: Refer to Figure 3.

1. Disconnect unit from power source.
2. Remove lens by removing three screws.
3. Disengage bulb from bulb clips by pulling clips outward.
4. Disconnect bulb from bulb socket by pulling bulb outward.
5. To install replacement bulb, align bulb pins with pin holes in socket, push bulb firmly in place. Replace bulb clips and secure lens in place with screws.
6. Re-connect unit to power source.



Note: Use only Flowtron BF-180 ultraviolet replacement bulb available from your Flowtron dealer or from www.flowtron.com.

One Year Limited Warranty

Flowtron warrants your electronic insect killer to be free from defects in materials or workmanship under normal use and service for one year from date of original purchase. All parts except for burned out bulbs, which are defective, will be repaired free of charge. Any implied warranties, including the implied warranty of merchantability are also limited in duration to the one year period from the original purchase date.

The provisions of this warranty shall not apply to any Flowtron bug killer which has been subject to misuse, neglect or accident, nor which is used for a purpose for which it is not designed, or which shall have been repaired or altered in any way so as to adversely affect its performance and reliability. Service by unauthorized parties voids your warranty. Warranty covers only the original purchaser. Commercial and/or professional use is excluded from warranty coverage.

Flowtron neither assumes nor authorizes any person to assume for it any other liability in connection with its product. No responsibility is assumed for any consequential damages that may result from the use of a Flowtron product, nor for damages due to accident, abuse, lack of responsible care, the affixing of any unauthorized attachment, loss of parts or subjecting this unit to any but the specified voltage.

If the unit fails to operate during the warranty period, send the product, along with purchase receipt showing purchase date and description of the problem to: Flowtron Service Center, 15 Highland Avenue, Malden, MA 02148. Transportation costs for returning any defective product are the responsibility of the consumer.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

Troubleshooting and Repair Analysis

Caution: unplug unit before servicing

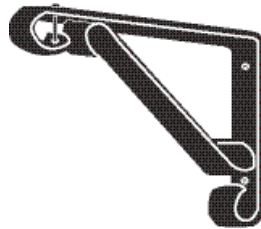
| Problem | Possible Cause | Correction |
|---|---|---|
| A. Bulb does not light. | 1. No electrical power. 2. Bulb not seated properly 3. Burned-out bulb. | 1. Check fuse or circuit breaker. Check extension cord. 2. Check socket for proper bulb seating. 3. Replace bulb. |
| B. Bulb lights, but fan does not run. | 1. Fan clogged with insect debris. 2. Fan motor defective. | 1. Clean area around fan with a blower (See Maintenance section of Owner's Manual). 2. Replacement by Service Center required. |
| C. Bulb lights, but no longer attracts insects. | 1. Invisible blacklight output reduced due to bulb age. 2. Octenol lure no longer effective. | 1. Replace bulb. (See bulb replacement section of Owner's Manual) 2. Replace Octenol cartridge. |

Any problems you encounter that are not corrected by the action recommended in this chart should be referred to the Flowtron Service Department, 781-321-2300

Flowtron Insect Killer Accessories

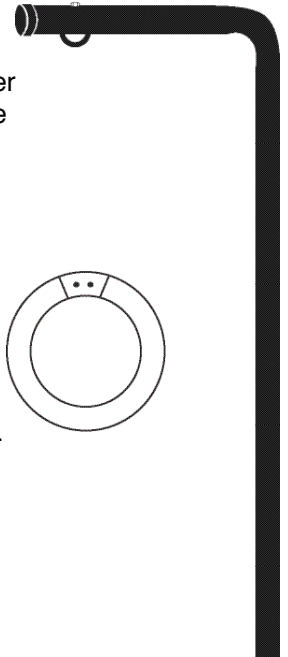
Security Wall Bracket Model SB-300

Attractive welded steel bracket with locking feature to help prevent theft. 6 1/2" long with 10" extension.



Security Lantern Pole Model SP-200B

Lantern pole has 1" diameter steel tubing. Locking feature helps prevent theft. 10 feet long with 14" extension.



Powerful Lures:

Mosquito Attractant – MA 1000

Mosquito Attractant – MA 1000-6 (6-pack)

Makes your insect killer more effective in eliminating certain mosquitoes and biting flies.



Replacement Bulb Model BF-180

Yearly replacement recommended to maintain maximum black light output.

