WARRANTY

This KOOLATRON product is warranted to the retail customer for 1 year from date of retail purchase, against defects in material and workmanship.

WHAT IS COVERED
- Replacement parts and labour.
- Transportation charges to customer for the repaired product.

WHAT IS NOT COVERED
- Damage caused by abuse, accident, misuse, or neglect.
- Transportation of the unit or component from the customer to Koolatron.

IMPLIED WARRANTIES
Any implied warranties, including the implied warranty of merchantability are also limited to the duration of 1 year from the date of retail purchase.

WARRANTY REGISTRATION
Register on-line at www.koolatron.com AND keep the original, dated, sales receipt with this manual.

WARRANTY AND SERVICE PROCEDURE
If you have a problem with your unit, or require replacement parts, please telephone the following number for assistance:

North America 1-800-265-8456

Koolatron has Master Service Centres at these locations:

Koolatron U.S.A.
4330 Commerce Dr., Batavia, NY 14020-4102 U.S.A.

Koolatron Canada
27 Catharine Ave., Brantford, ON N3T 1X5 Canada

A Koolatron Master Service Centre must perform all warranty work.

Koolatron™

www.koolatron.com

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All specification are subject to change without notice.

Made in China H1S 138 12/2011-v1

TAKE BACK THE GREAT OUTDOORS

BITE SHIELD™

OUTDOOR / INDOOR
WALL MOUNT FLYING INSECT TRAP



DOMESTIC
REG NO. 29474 P.C.P. ACT
READ THE LABEL AND ATTACHED BOOKLET BEFORE USING
KEEP OUT OF REACH OF CHILDREN

MK85
OWNER'S MANUAL

CONGRATULATIONS! Your new Bite Shield™ Flying Insect Trap incorporates the latest flying insect attractant technologies, and will capture those annoying pests for more enjoyable living either indoors or out! The Bite Shield™ product line is a leader in reducing mosquito and flying insect populations, and we'd love to hear your comments. Let us know what you think of your new Trap by emailing us at service@koolatron.com!

Read before unpacking and operating the BiteShield™ Wall Mount Trap.



PRODUCT DETAILS







YOUR NEW TRAP COMES WITH THE FOLLOWING:

1. Screw and Anchor hardware for mounting on sheet rock, wood or cement.
2. Your new Trap comes with a 4W UV Black light bulb installed and ready for use.
3. Inside area around the UV bulb is pre-coated with TiO_2 Titanium Dioxide which will remain effective for the life of your Trap.
4. Easy-to-clean large capacity Catch Tray comes pre-installed
5. Octenol Cartridge – for use when mosquitoes are a problem (outdoor use only).
6. 110/120V Adapter Power Supply

POWER SUPPLY

- Input: 110/120V AC 60Hz
- Output: 12V DC @ 1000mA

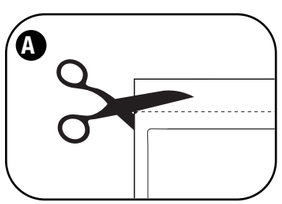
See **OPERATION** directions on how to connect your adapter to both the Trap and wall outlet

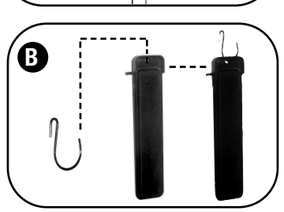
INSTRUCTIONS FOR OCTENOL MOSQUITO ATTRACTANT

PRECAUTIONS

KEEP OUT OF REACH OF CHILDREN! Fatal or poisonous if swallowed. May irritate skin. Avoid contact with skin. Causes eye irritation. DO NOT get in eyes. TOXICOLOGICAL INFORMATION - Treat symptomatically.

1. Cut Foil Pack Open using Scissors. ***see Illustration A***
2. Remove Octenol Cartridge from Foil Pack.
3. Connect "S" Hook to Octenol Cartridge as. ***see Illustration B***
4. Connect Other Side of "S" Hook to Mosquito Trap.
5. Wash Hands Thoroughly.





Please see package for Cautions and Instructions. To order more Octenol Cartridges please visit a retailer near you or visit us online **www.koolatron.com**

SAFETY INSTRUCTIONS

Before installation, use or maintenance, always read the safety instructions in this manual carefully.

- Do not store or use gasoline or any other flammable vapors and liquids in the vicinity of the Trap or any other appliance!
- Dispose of all packaging materials properly when unpacking your new Flying Insect Trap.
- Remove all packaging materials from your new Trap. Keep all materials away from infants and small children.
- Do not operate if the Trap appears damaged. Call Koolatron Customer Service at 1-800-265-8456.
- Do not connect the power cord to your Trap if water or moisture is present.
- Keep out of the reach of children.
- Do not put foreign objects into your Trap.
- Avoid looking directly into the UV light for any extended periods of time.
- Do not touch the fan during operation.
- Always disconnect from the outlet before cleaning.
- Avoid placing in direct sunlight.
- Dispose of all used attractant in a trash receptacle. Do not store near insect repellents or other chemicals. Unopened attractant should be stored in a cool, dry place.
- The connection between the Trap and any approved extension cord used must be kept dry and off the ground. If in doubt about electrical connections, please consult your local electric code.
- Disconnect the Trap from the power supply when not in use, before adding attractant cartridges, before cleaning, before servicing or before putting in storage.
- Your Trap should be stored indoors when not in use and kept away from children.
- To avoid electric shock, DO NOT clean the Trap with spraying water or by immersion in water or other liquid.
- All repairs to the Trap must be performed only by qualified service personnel.
- Read and follow all instructions prior to use of your new Trap.
- Young children should be carefully supervised when they are in the area of your Trap.
- Clothing or other flammable materials should not be hung from or placed on the Trap.
- Any guard or other protective device removed for servicing the Trap must be replaced prior to operating.
- Keep the area around your Trap clear and free from combustible materials, gasoline and other flammable vapors and liquids.
- Do not handle the Trap when using insect repellents.

NOTE: Do not place your Trap on unstable surfaces or areas where it may tip over, or on electrical appliances.

NOTICE TO USER: This pest control product is to be used only in accordance with the directions on the label. It is an offence under the Pest Control Products Act to use this product in a way that is inconsistent with the directions on the label. The user assumes the risk to persons or property that arises from any such use of this product.

UNDERSTANDING ATTRACTING & TRAPPING PRINCIPLES

Your new Bite Shield™ Wall-Mount Flying Insect Trap combines multiple technologies to attract not only flying insects, but allows you to target mosquito's when they are a problem!

- The 4W UV black light bulb emits ultraviolet rays at the 365nm wavelength, which creates a photo catalytic reaction when it comes in contact with the Ti02 (Titanium Dioxide) coating inside the Trap.
- Octenol is a proven attractant to blood-seeking flying insects, and your Bite Shield™ Octenol cartridge will last between 45 to 60 days.

All these technologies work together to attract Mosquito's and other flying insects to the Trap, where they are pulled into the Capture Tray by a powerful fan, where they will dehydrate and die.

PLACEMENT OF YOUR NEW TRAP

- Select the best location to hang or mount your trap, remembering that the Trap will attract flying insects to it, so it should be placed away from high-traffic areas.
- If placed indoors, keep away from food areas.
- Do NOT use your Octenol attractant cartridge when placed indoors.
- If placed outdoors, hang or mount your Trap at least one and a half meters (5 ft.) above the ground, ideally out of the reach of children and pets. It is always best if your Trap is placed in a spacious dark location.
- If the mounting wall is solid wood at least 3/8” (9mm) thick, drive the provided screw onto the wood surface leaving a gap between the screw head and the wall of about 1/8” (3mm). Hang the trap from the screw by inserting the head of the screw into the slot at the back of the trap.
- If the mounting wall is concrete, brick, drywall or any other hard material, drill a 3/16th inch hole, at least as deep as the anchor length. Insert the anchor into the hole until flush with wall surface and drive the provided one inch long #8 Screw into it, leaving a gap between the screw head and the wall of about 1/8” (3mm). Hang the trap from the screw by inserting the head of the screw into the slot at the back of the trap.

OPERATION

- Connect the adapter plug to the Trap first, and then plug the adapter directly into the nearest 110/120V AC outlet or an approved outdoor use extension cord.

FOR OPTIMAL OPERATION AND PERFORMANCE

- Use your Trap as needed, but avoid unnecessary use.
- When used outdoors to capture mosquitoes, it is recommended to use at least between sunset and sunrise, their most active periods.
- Store the Trap when not in use.

MAINTENANCE FOR YOUR NEW TRAP

Periodically check that your Trap is clean and the airflow is not blocked.

- Empty the Catch Tray on a regular basis (frequency and amount of insect catch will vary depending on geographical location and meteorological conditions)
- Always unplug the Trap before cleaning.
- When needed, to clean the upper portion of your Trap pull gently on the center of the clear window and it will unsnap from the Trap. Wipe or brush away any debris around the bulb cover and fan. You can also use a damp cloth for cleaning, but do not use any sharp object or detergents or solvents that might scratch or scrape off the Ti02 coating.
- Dry all parts completely before re-assembling.

CHANGING THE UV BULB

The light emitted by the UV bulb provided with your new Trap is specially manufactured to attract mosquitoes and other blood seeking flying insects, as well as moths, gnats and other flying insects. The UV bulb is replaceable at many local retailers (see Technical Data Section for bulb details), or can be re-ordered at www.koolatron.com, calling 1-800-265-8456.

To change your bulb:

- Unplug the adapter from both the unit and the outlet.
- Remove the front clear window cover by pulling GENTLY on the center so it snaps out of the trap.
- Twist and remove the non-functioning bulb and replace with a new bulb by inserting the pins at the end into the sockets and once both pins of each end are in, twist ¼ turn until the bulb pins snap into the socket contacts.
- Reattach the clear window by pressing gently, making sure the sides snap into the trap walls and remain secure in place.

TROUBLESHOOTING TIPS

TRAP DOES NOT OPERATE

- Make sure the adapter plug is nestled snugly into the back of your Trap.
- Make sure the adapter plug is firmly inserted into the electrical outlet.
- Make sure that the electrical outlet has power by trying other electrical devices that are known to be functional

UV LIGHT DOESN’T WORK WHILE FAN IS OPERATING

- Check that the UV bulb is placed correctly and securely.
- Replace the UV bulb.

MY FAN STOPPED WORKING

- See the “Maintenance” Section and follow instructions to make sure the air flow is not blocked, the Catch Cup is not full and inhibiting air flow, and that the fan blades are not clogged with debris. Clean as necessary after unplugging the unit.

MY TRAP DOES NOT CATCH INSECTS EVEN WHEN LIGHT AND FAN ARE OPERATIONAL

- Make sure that the catch tray is properly inserted all the way into the trap.
- Check for obstructions or foreign objects blocking the airflow into the trap (slot under the UV bulb)
- Check the airflow direction by making sure that a strong stream of air is coming out from the bottom of the unit. If this is not the case, the fan may be inverted and it may need to be serviced. Please call Customer Service if this is the case.
- Ensure the catch tray does not have any holes or tears on the mesh areas
- Ensure the trap is not close to any insect repellents, volatile substances or strong odors that may repel the insects form the area.
- Make sure you have left the trap on at least for a full night (from 5pm to 6am for example) and that the weather is not too cold for insects to be out.

WHERE DO I GET MORE UV BULBS AND OCTENOL CARTRIDGES?

- Bite Shield™ products are sold by many retailers across North America, but if you can’t find them, visit us online at www.koolatron.com, or call Koolatron Customer Service at 1-800-265-8456.

TECHNICAL SPECIFICATIONS

Unit Dimensions:	H 317mm (12.48”) x W 176mm (6.94”) x D 133.75mm (5.27”)
Maximum power rating:	12W
Input:	120V AC
Output	12V DC, 1 Amp
Cable Length	3 meters (9.8 feet)
Light bulb	- type: 4W UV black light bulb - length: 135mm (5-5/16”) (excluding pins); pins extend .3” each end