



Insect Light Traps (ILTs)

Mantis[®] Uplight



MANTIS UPLIGHT - INSTRUCTIONS FOR USE

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Mantis[®] Uplight

IMPORTANT SAFETY INSTRUCTIONS

WARNING – DISCONNECT FROM POWER BEFORE OPENING FOR SERVICING

PRODUCT DESCRIPTION

This PestWest Mantis Uplight is made using the highest quality materials. The bodywork is sprayed with conformal polyester powder-coated finish over a zintex (rust-resistant) steel chassis.

UNPACKING YOUR UNIT

Each unit is carefully inspected and packed before leaving our factory. Before discarding the outer carton, examine the unit for obvious evidence of transport damage. Remove the unit and pay particular attention to the removal of all packing materials including any transit packing. Including the release paper off the glue board.

MODE OF OPERATION

The PestWest Mantis Uplight fly trap operates on the principal that most flying insects are attracted to light, particularly to the ultra violet (UV) end of the light spectrum. Since insects are still very active and will fly at night, traps should be left operating continuously, i.e.: 24 hours a day.

SITING

It is impossible to give one set of recommendations to cover all requirements or situations. These general guidelines are given in the knowledge that some of them apparently conflict with others. Users should adopt those that best fit their needs or seek expert advice. As a general rule:

1. Electric fly traps should be positioned so as to minimize competition from other light sources, so do not mount adjacent to windows. In food areas, mount the trap close to, but not directly over, exposed food or food preparation surfaces (preferably to attract flies away from food preparation areas).
2. Observe where the flies tend to congregate and if possible, put your fly trap, in or close to that area.
3. Position traps in an "interception" position from the principal point of fly entry - normally doors and/or windows. In food establishments, flies are more likely to come in through the back door rather than the front, because that is where the kitchen refuse and garbage cans are kept.
4. Mount the trap in a convenient location for changing the glue board; do not place over working machinery where access may be difficult or dangerous.

COVERAGE

Areas of attraction of flies/coverage are given in the instructions for each unit. It should be borne in mind that the brighter the surrounding day light, the greater the number of units, which may be required for a given area.

MAINTENANCE

To maintain the attractive appearance of the units, they should be cleaned/wiped down as often as required. Use a cloth dampened with water and detergent or a proprietary cleaner. Do not use scouring pads or abrasives.

INSTALLATION INSTRUCTIONS

Select the optimum position for the flytrap using the guidelines given (see "Siting"). This PestWest Mantis Uplight has 2 keyhole slots on the rear panel, to permit wall mounting using the screws and masonry plugs supplied. The units are fitted with a 6 foot input cable and operate from a 110-120 volt 60Hz supply. If it is necessary to extend the input cable, it is recommended that a certified electrician perform this work. Should a moulded-on plug be removed from the lead supplied, this must be disposed of safely. Ensure that once installed, the power lead is adequately secured. Before installing any Mantis, please remove all packaging.

Using the unit as a template, mark off the 2 fixing points onto the mounting surface. Using the screws and plastic plugs provided, fix the Uplight body horizontally in place.

NB: If the wall is of plasterboard, stud partition etc, suitable blind type fixings must be used to ensure the unit will be securely positioned.

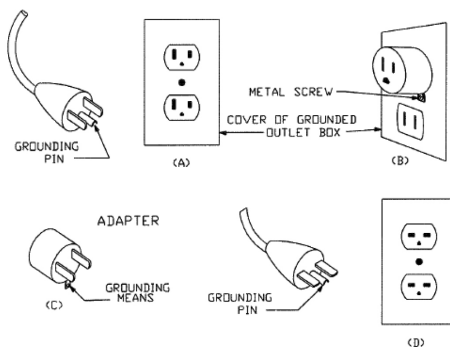
Once the unit is installed, you will need to remove the backing paper from the glue boards to reveal the glued surface. This is most easily achieved before the glue board is slotted into the unit.

GROUNDING INSTRUCTIONS

This appliance 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 appliance 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 appliance is properly grounded. Do not modify the plug provided with the appliance – if it will not fit the outlet, have a proper outlet installed by a qualified electrician.

Figure 1 – Grounding Methods



This appliance is for use on a nominal 120V circuit, and has a grounding plug that looks like the adaptor illustrated in sketch A Figure 1. A temporary adaptor, which looks like the adaptor illustrated in sketches B and C, may be used to connect this plug to a 2-pole receptacle as shown in sketch B 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.

IMPORTANT SAFETY INSTRUCTIONS

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

- a) Read all the instructions before using the appliance.
- b) Only use adaptors and attachments recommended or sold by the manufacturer
- c) Do not use outdoors.
- d) To disconnect this appliance, remove plug from outlet
- e) Do not unplug by pulling on cord. To unplug, grasp the plug, not the cord.
- f) Unplug from outlet before serving for cleaning.
- g) Do not operate the appliance with a damaged cord or plug, or after the appliance malfunctions or is dropped or damaged in any manner. Return the appliance to the nearest authorized service facility for examination, repair, or electrical or mechanical adjustment.

PRECAUTIONS

All PestWest traps are fully insulated, Class I appliances, nevertheless, sensible precautions should be observed:

- Do not install where dangerous concentrations of flammable gases or dusts are likely to occur.
- Ensure the unit is properly grounded.
- Avoid working on the machines while they are still connected to the mains.

- Ensure that operators have an adequate and secure working platform when working on the machines.
- Do not allow the glue board to become over-filled with dead insects. Change at regular intervals as required by the catch or at least every 8 weeks.

RENEWING STICKY BOARDS

ALWAYS UNPLUG THE MACHINE BEFORE SERVICING.

Due to insect contamination the glue boards should be changed when full or at least every eight weeks. PestWest Mantis range all use the same size of board.

Always fit PestWest glue boards to ensure peak efficiency. Remove the backing paper from the new board in a single swift motion; otherwise it will tend to remain firmly attached. Should this occur, re-apply the peeled back section and repeat.

Other brands of glue boards may not have effective UV inhibitors that PestWest brand incorporates in this system, therefore it is recommended that ONLY PestWest brand glue boards and suggested components be installed in the systems.

While the recommended eight-week board replacement cycle remains unaltered, the effective life of the glue for a wide range of insects is enhanced. Whether you are changing your lamps every 12 months and re-using your shield or fitting it for the first time.

Mantis Uplight - This unit must be used with black glue boards. Simply remove the used glue board from the machine by pulling out of the Uplight cover. Fold the replacement glue board slightly along its perforated line to improve insertion into the unit and remove the backing paper. Insert the new glue board edges under the guides with the sticky side facing the lamps.

UV LAMP REPLACEMENT

Lamps are most attractive to the target flying insects when less than one year. This is because the UV light emitted by the lamps at a wavelength of 350-375 nanometres diminishes with use. Light of this wavelength is invisible to the human eye. The blue/violet colored light, which we can see is not at all representative of the actual UV light emissions. Daily switching on and off of the lamps results in an even faster loss of the effective UV emission.

THEREFORE IT IS MOST EFFECTIVE TO LEAVE THE UNITS SWITCHED ON CONTINUOUSLY AND TO CHANGE THE LAMPS AT LEAST ONCE PER YEAR (PREFERABLY AT THE ONSET OF INCREASED FLIGHT ACTIVITY AFTER THE WINTER).

PestWest offer both standard and shatter resistant (coated) lamps. The shatter resistant lamp is intended for use in glass exclusion zones. The coating on lamps supplied with our units is of the highest quality available, using a material that is both UV and operating temperature tolerant while allowing high emissions of the critical (365nm) wavelength of light. Replacements should be of similar performance.

Mantis Uplight – Grasp the lamp and rotate in either direction (90°). After 2 clicks are heard, the lamp may be removed by sliding out of the lamp holder. Fitting the new lamp is a reversal of the above procedure. For optimal performance, it is the recommendation of the lamp manufacturer to replace the starter every time you replace the lamp to keep fresh components in the machine at all times.

REPLACEMENT PARTS

Quantum BL 15W X 18" T8 Standard lamp

Product code: 130-000160/TUB15W430

Quantum BL 15W X 18" T8 Shatter resistant lamp

Product code: 130-000171/TUB15W490

Classic premium black glue board

Product code: 135-000047/BOACHA850

Other alternative glue boards available, visit www.pestwest.com

Starters: Series Starter S22

Product code: 800-000292

**THIS PRODUCT IS INTENDED FOR COMMERCIAL USE ONLY
SAVE THESE INSTRUCTIONS**

設備名稱: Equipment name		電捕昆蟲器 (昆蟲小棧-居家型)		型號(型式): Type designation (Type)		Mantis Uplight	
單元 Unit	限用物質及其化學符號 Restricted substances and its chemical symbols						
	鉛Lead (Pb)	汞Mercury (Hg)	鎘Cadmium (Cd)	六價鉻 Hexavalent chromium (Cr+6)	多溴聯苯 Polybrominated biphenyls (PBB)	多溴二苯醚 Polybrominated diphenyl ethers (PBDE)	
向上透光前 罩	○	○	○	○	○	○	
壁掛式後 蓋	○	○	○	○	○	○	
UV燈 管	○	—	○	○	○	○	
電子組 件	○	○	○	○	○	○	
螺絲與金屬組 件	—	○	○	○	○	○	
電源線組與線 材	○	○	○	○	○	○	
<p>備考1. “超出0.1 wt %” 及 “超出0.01 wt %” 係指限用物質之百分比含量超出百分比含量基準值。 Note 1: “Exceeding 0.1 wt %” and “exceeding 0.01 wt %” indicate that the percentage content of the restricted substance exceeds the reference percentage value of presence condition.</p> <p>備考2. “○” 係指該項限用物質之百分比含量未超出百分比含量基準值。 Note 2: “○” indicates that the percentage content of the restricted substance does not exceed the percentage of reference value of presence.</p> <p>備考3. “—” 係指該項限用物質為排除項目。 Note 3: The “—” indicates that the restricted substance corresponds to the exemption.</p>							

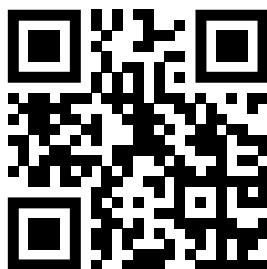


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All PestWest fly fly traps include a 3-Year Warranty
(excludes LED lamps and glue board).

Scan the QR code to register your 3-year warranty or visit
<https://support.pestwest.com/pestwest-warranty/>



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