

MANTIS UPLIGHT

INSTRUCTIONS FOR USE AND MAINTENANCE

PLEASE UNPLUG MACHINE BEFORE SERVICING

PRODUCT DESCRIPTION

PestWest Mantis flytraps are made using the highest quality materials. The bodywork is of conformal polyester powder-coated finish over a zintex (rust-resistant) chassis.

UNPACKING YOUR UNIT

Each unit is carefully inspected and packed before leaving our factory. Before discarding the outer carton, examine 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 range of fly traps operate 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, ie: 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 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

Select the optimum position for the flytrap using the guidelines given (see "Siting").

The PestWest Mantis Uplight is wall-mounted and supplied with a backing plate for fitting to the wall (screws and masonry plugs supplied with the unit).

The units are fitted with an 8 foot input cable and operate from a 220-240V 50/60Hz. 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.

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.
- PestWest traps are designed for indoor use and are not rain-proofed. If used outside, this should only be in dry areas and in a position where the unit and the electrical connections are fully protected against rain and moisture.

Mantis Uplight

Loosen the two M3 nuts on the top inside ends of the front cover, just sufficient to allow removal of the cover from the Uplight body. (There is no need to re-tighten the nuts after installation, as this will enable easier changing of glue boards during routine service).

Using the Uplight body as a template, mark off the 3 fixing points onto the mounting surface. Using the screws and plastic plugs provided, fix the Uplight body 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.

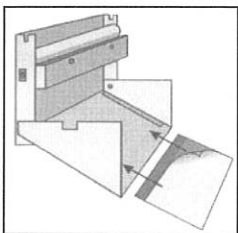
RENEWING STICKY BOARDS

ALWAYS UNPLUG THE MACHINE BEFORE SERVICING.

Due to insect contamination the sticky 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.

Changing the boards



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. For convenience and in locations where the Uplight is mounted close to ceilings etc, the front cover of the unit may be swivelled on the

two lower fixings. This is achieved by pushing the cover upwards approximately 0.5 inches and allowing it to swing forward and down. Care should be observed when the cover is rotated past the horizontal as the old glue board may slide out. Insert the new board, after removing the backing paper, edges under the guides and sticky side facing the lamps. Refit the front cover, if previously lowered, taking care that the top two threaded nut assemblies are securely located in the two channels either side of the unit.

REPLACEMENT PARTS

Lamp type in all models is: QUANTUM BL Q15WST18 or Q15WST18SH

The glue boards in all Mantis models are VABB427CB.

The starter type is Philips S2

LAMPS

Lamps are most attractive to the target flying insects when less than one year old. 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 shatterproof (coated) lamps. The shatterproof 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.

UV LAMP REPLACEMENT

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.



Manufacturer reserves the right to vary model specifications without notice.