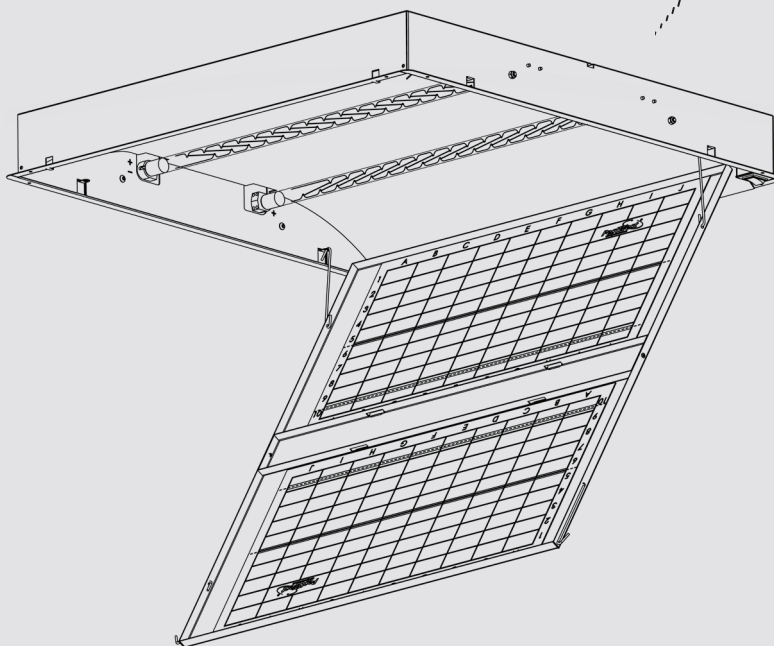


ON-TOP PRO

QUANTUM[®]
LED



ON-TOP PRO X - INSTRUCTIONS FOR USE
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ON-TOP PRO X - Instructions for Use

Instructions for use and maintenance - Please switch off machine before servicing.



PRECAUTIONS

ALL PESTWEST® TRAPS ARE FULLY INSULATED, CLASS 1 APPLIANCES, NEVERTHELESS, SENSIBLE PRECAUTIONS SHOULD BE OBSERVED:

- **Switch off the machine before servicing or cleaning.**
- **Keep out of reach of children.**
- **The Quantum® X LED lamps produce ultraviolet light in the UV-A region at 370nm wavelength, which can be harmful to the skin and eyes, avoid prolonged exposure at close proximity.**
- **Do not install where dangerous concentrations of flammable gases or dusts are likely to occur.**
- **Ensure the unit is properly earthed.**
- **The On-Top Pro X can be used by persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the On-Top Pro X in a safe way and understand the hazards involved.**
- **If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons to avoid a hazard.**
- **Ensure that operators have adequate and secure working platform, when working on the machines.**
- **Do not allow the sticky board to become over-filled with dead insects. Change at regular intervals as required by the catch or at least every 6-8 weeks. Ensure PestWest® sticky boards are fitted as replacement.**
- **The On-Top Pro X is designed for indoor use only.**
- **Not suitable for use in barns, stables and similar locations.**
- **To maintain the attractive appearance of the units, wipe down and clean as often as required. Use a cloth dampened with water and detergent or a proprietary cleaner. Do not use scouring pads or abrasives.**

PRODUCT DESCRIPTION

All PestWest flytraps are made using the highest quality materials. The bodywork is of conformal zinc steel (rust-resistant) chassis with a polished aluminium reflector. The cover is painted aluminium and retains two PestWest full-size sticky boards. The OTP X is fitted with next generation Quantum X LED filament lamps with a peak wavelength of 370nm coated with FEP shatter-resistant coating as standard.

The new Quantum X LED filament lamp is made with the familiar T5 form factor (glass tube, end caps and pins) used in our conventional 14W T5 fluorescent Quantum Lamps.

The main advantages of the Quantum X LED filament lamp technology are the extended pattern of light distribution and the improved energy efficiency. Increased fly attraction is partly due to the LED filaments light distribution, which is around 360° compared with only 120° typical of high power SMD (Surface Mounted Device) LEDs found in older first-generation LED insect light traps. LED filaments are also more energy efficient than both high power SMD UV-A LEDs and also conventional fluorescent lamps.

The Quantum X LED filament lamp consists of 18 individual LED filaments mounted on a frame and hermetically sealed within a glass tube with a state-of-the-art gas cooling system, which is far superior to traditional metal heat sinks. Each filament has 24 individual

LEDs which are mounted on a translucent substrate, which enables the Quantum X LED lamp to provide light in all directions. The combination of 360° light distribution and the softer intensity of light produced by far more LEDs (432 per lamp) gives the Quantum X superior fly catching performance.

TECHNICAL SPECIFICATION

VOLTAGE RANGE	220-240V
FREQUENCY RANGE	50-60HZ
POWER CONSUMPTION (@230V 50HZ)	13.5W
INGRESS PROTECTION RATING	20
CLASSIFICATION	CLASS 1
AMBIENT OPERATING TEMPERATURES	0 TO +40°C
LED DRIVER TYPE	CONSTANT CURRENT
AREA OF COVERAGE	50-60M ²
REPLACEMENT STICKY BOARDS (2 QTY)	135-000226 LED 21" STICKY BOARD (6 PCS)
REPLACEMENT TUBES (2 QTY)	130-000321 QUANTUM X LED 370NM 550MM T5 SHATTER-RESISTANT
MOUNTING METHOD	CEILING RECESSED
UNIT DIMENSIONS	592 X 592 X DEPTH: 148MM
TO REPLACE SUSPENDED CEILING TILE SIZE	600MM X 600MM / 24" X 24"
WEIGHT	5.6KG UNBOXED

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 before installing the unit.

MODE OF OPERATION

Electrical flytraps operate on the principle that most flying insects are attracted to light, particularly to the ultraviolet (UV) end of the light spectrum. Since insects are still active and will fly at night, traps should be left operating 24 hours a day.

SITING

The efficiency of the unit can be affected by the intensity of other light sources, e.g.: daylight. Therefore, the unit should be mounted where competition from other light sources is minimised. Avoid installing the unit into high ceilings over 3 metres. In food areas, mount the unit close to, but not directly over, exposed food or preparation surfaces (preferably to attract flies away from sensitive areas rather than towards them). Observe where the flies tend to congregate and if possible, put your flytrap in or close to that area. Site the units near where flies are likely to gain access, e.g.: doors and windows opening to the outside, especially dustbin areas. Position the trap where it can be easily reached and not over working machinery where access may be difficult or dangerous.

ELECTRICAL SUPPLY

The units are supplied with a removable 2 metre input cable, terminated in a connector to match the local electricity supply. The unit operates from a 220-240V 50-60Hz supply. If it is necessary to extend the input cable, a competent electrician must do this. 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.

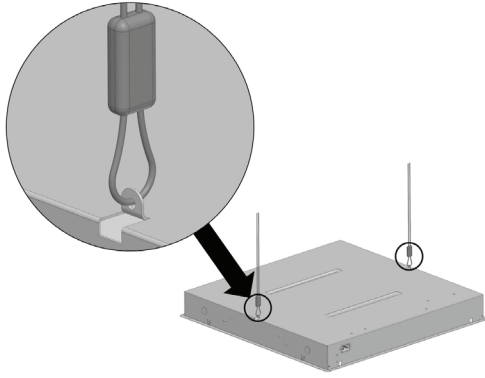
INSTALLATION

The unit is designed to fit into suspended ceilings with tiles 24" x 24" / 600mm x 600mm. Remove a ceiling panel after deciding which location best suits (see 'siting' section). Ensure the ceiling framework is the correct cut out size to retain the unit safely and securely. Also ensure the framework is strong enough to take the weight of the unit. Remove all protective film from the various metal parts. Fit the main chassis into the suspended ceiling frame and ensure it is properly located. Secure the power cord to a firm surface prior to connecting to the supply. For additional safety the unit can be anchored using the two tabs on the back of the chassis. Using a pair of pliers, fold the tabs vertically. Next insert the suspension wire through the holes in the tabs and secure in place and anchor to the ceiling.

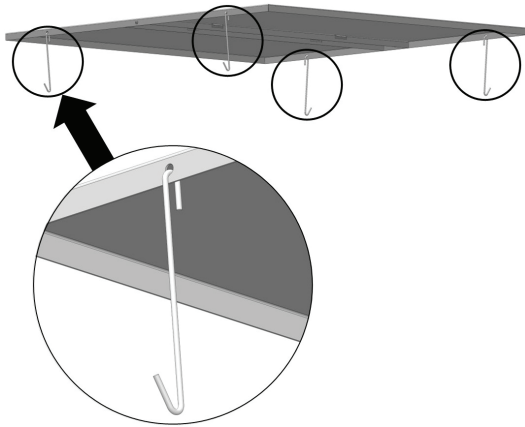
Note: No ceiling suspension hardware is provided with the unit. The selected hardware should be capable of suspending a minimum of 15Kg and should be made from a non-corroding material.

ON-TOP PRO X - Instructions for Use

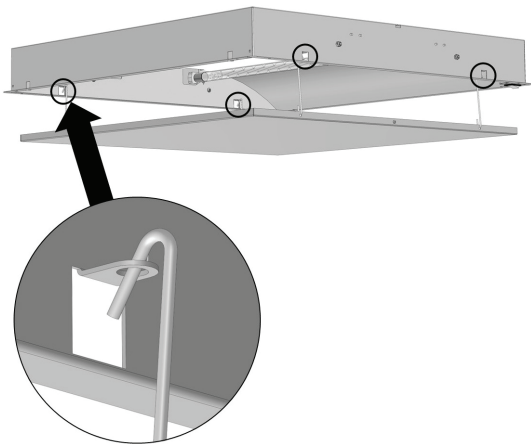
Instructions for use and maintenance - Please switch off machine before servicing.



To fit the white cover you must first slot the four suspension hooks through the four holes around the edge of the white cover as shown below. Please note that the narrow end of the hook goes into the cover.



The suspension hooks should then be permanently attached to the cover by crimping closed the end of the hooks with a pair of pliers. To fit the cover to the chassis, simply slot two of the suspension hooks through the small tabs on the chassis (with a hole in the centre). Once one side of the cover is suspended, remove the release paper from both the sticky boards and fit inside the cover. Attach the other two suspension hooks to complete the installation, as shown below.



For safety reasons and ease of service, we recommend fixing the white cover to the chassis by crimping closed the ends of two of the suspension hooks around the tabs in the chassis. Choose two hooks next to each other on the side you wish to pivot.

CLEANING AND MAINTENANCE

To maintain the attractive appearance of the units, wipe down and clean as often as required. Always switch the machine off for maintenance or cleaning. Use a cloth dampened with water and detergent or a proprietary cleaner. Do not use scouring pads or abrasives.

The Quantum X LED tubes in the unit should be changed at least once every 3 years. It is recommended that the installation date is recorded for future reference, there is a label on the side of the unit for this purpose. The Quantum X LED tube is made from glass and has a shatter-resistant coating to allow for use in glass exclusion zones. This shatter-resistant coating is of the highest quality available, using a material, FEP that is both UV and operating temperature tolerant, whilst allowing high emissions of the critical UV light.

RENEWING STICKY BOARDS

Always install PestWest® LED 21" sticky boards to ensure peak efficiency and performance of the trap. This LED 21" sticky board has been developed in conjunction with the PestWest Quantum X LED lamps to provide the most effective performance as possible. Using any other sticky board will have a negative impact on the performance of the trap.

Switch off the machine before servicing. Sticky boards should be changed when full or at least every 6-8 weeks. Regular inspections of the sticky board are recommended, as it is not visible in normal operation. Remove the cover that retains the sticky boards by unhooking the suspension hooks from one side of the chassis. The cover should now be free to hang down on the other two hooks. Ensure PestWest glue boards are used as replacements. Remove the old sticky boards by lifting them out of the cover. Remove the backing paper from the new boards and place them into position on the cover, sticky side facing outwards towards the UV tubes. Replacing the cover is the opposite procedure to removal.

REPLACEMENT PARTS

Sticky board type: 135-000226 (LED 21" STICKY BOARD - PK6)

Tube type: 130-000321 (Quantum X LED 370nm 550mm T5 Shatter-Resistant)

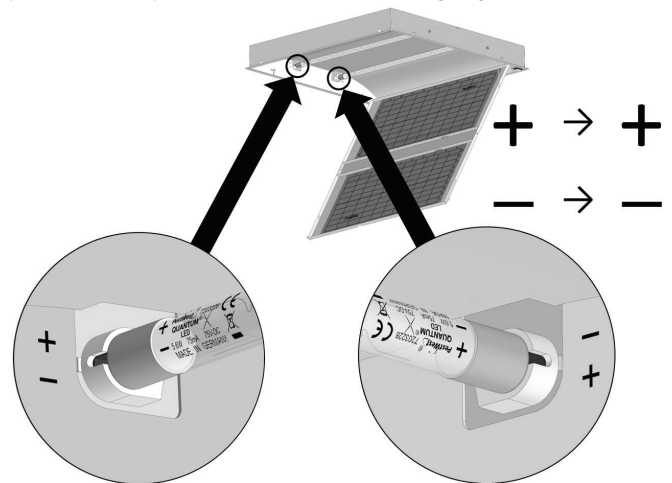
To ensure safe use and optimum performance, only fit the above original parts.

CHANGING THE UV LED TUBES

Switch off the machine before servicing. It must be noted that LED lamps are nothing like fluorescent lamps, failure to disconnect the unit from power when removing or inserting a lamp is likely to permanently damage the LEDs. This will result in the LED lamp being irreparably damaged.

Switch off the machine before servicing. Remove the cover that retains the sticky boards by unhooking the suspension hooks from one side of the chassis. The cover should now be free to hang down on the other two hooks. Grasp and rotate each tube 90° until the 2 clicks are heard. The tubes may then be withdrawn by sliding out of the lamp holders.

CAUTION – Quantum X LED tubes are powered by Direct Current (D.C.) at one end only, which is easily recognised by the silver end cap and the printed + & - symbols etched onto the glass. The D.C. input pins require fitting in the correct polarity, positive (+) and negative (-). Please note that the correct polarity is marked with a + & - symbol on the Quantum X LED glass tube and the corresponding pins must be fitted to the corresponding + & - symbols on the metalwork, located on the side reflector of the trap, next to the lamp holders as shown on the following diagram.



Replacing the LED tubes is the opposite procedure of removal. Close the front cover by hooking it back up into position and switch the unit back on.

GARANTEE

All PestWest traps are guaranteed for 3 years (excluding LED tubes and sticky boards).

Manufacturer reserves the right to vary model specifications without notice.

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