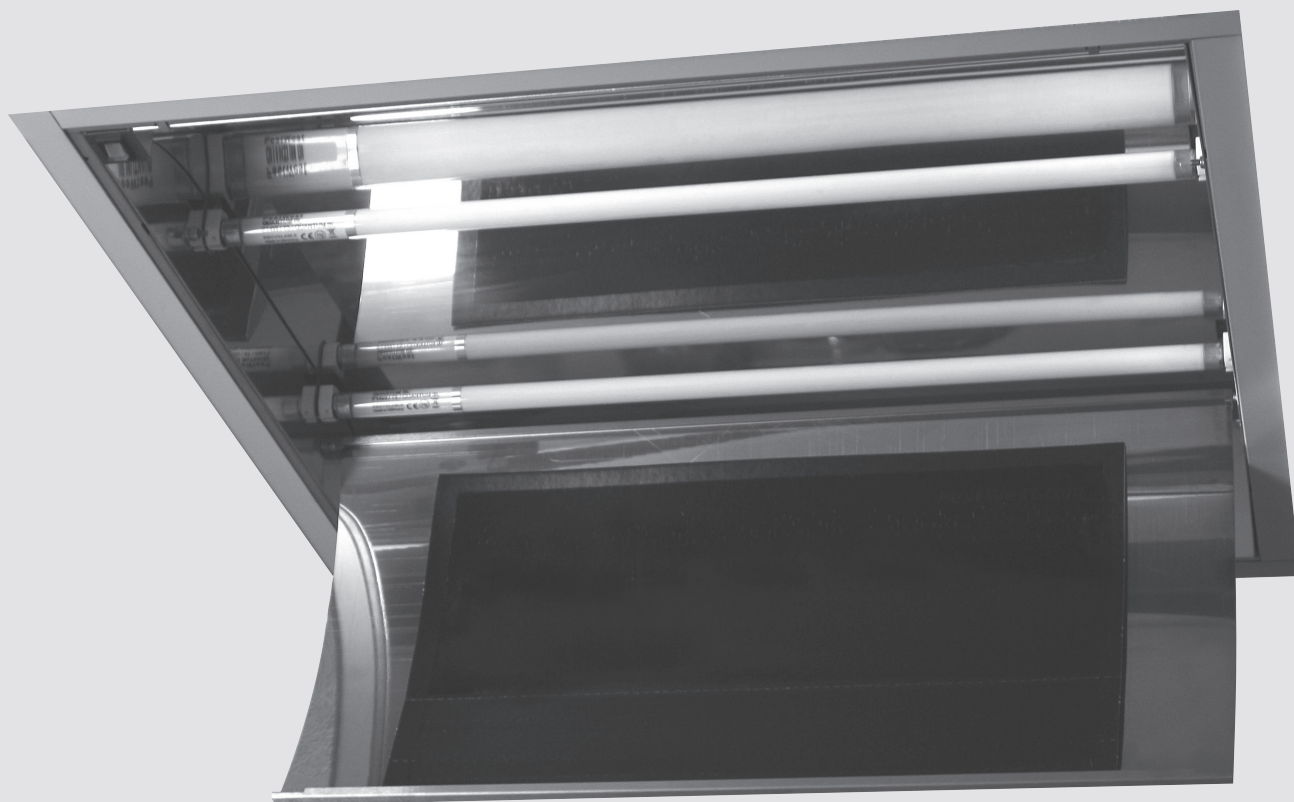


ON-TOP *PRO*ES



ON-TOP PROES - INSTRUCTIONS FOR USE

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ON-TOP PROES

INSTRUCTIONS FOR USE

Always switch off the system before servicing.

Product description

The On-Top ProES system (Product code: 125-000362) is designed to easily fit into NEMA Type 'G' suspended (drop) ceilings with 24" x 24" tiles. A cross bar is included for easily converting any 48" ceiling tile into 24".

All PestWest flying insect management systems are constructed using the highest quality materials. The bodywork is of a conformed zinc steel (rust-resistant) chassis with a polished aluminum reflector. The cover is brushed stainless steel and retains one PestWest full-size glue board. The On-Top ProES system is manufactured with 2-14 W (28 Watts) T5 Quantum BL lamps with FEP shatter-resistant coating.

The On-Top ProES offers the newest generation of higher energy efficient T5 lamp technology. These lamps are powered by an electronic ballast that is more energy efficient than a traditional magnetic ballast, and since entirely automatic, no separate starters are required. Electronic ballasts increase the operating life of fluorescent lamps.

Unpacking the On-Top ProES system

Each system is carefully inspected and packed before leaving the factory. Before discarding the outer carton, examine for evidence of transport damage.

Mode of operation

Insect light trap systems operate on the principle that most flying insects are attracted to light, particularly to the ultraviolet (UVA) end of the light spectrum. Since insects are still active, and will fly at night, systems should remain in operation 24 hours a day. All PestWest systems possess a 3-year warranty (excluding lamps and glue boards).

Positioning the system

For optimum performance, use the PestWest UV-A METER to assess both the ambient or competing light and UVA output for all system deployments.

Depending upon the target insect, installing the system into high ceilings over 12 ft may reduce catch. For over-wintering insects such as Cluster flies, *Pollenia rudis*, the On-Top ProES is especially effective.

For optimum flying insect attraction, the system should be deployed away from competing light sources (daylight and overhead lighting). Use the PestWest UV-A METER to assess best placement.

In food areas, refer to the current FDA Food Code or your third party auditor for rules of deployment. Install the system >3 m away from food surfaces (never directly over exposed food or preparation surfaces). Install in such a way as to attract flies away from sensitive areas. Observe where flies tend to aggregate, and if possible, install your On-Top ProES system close to that area.

Install systems near areas that allow flying insects to get indoors (doors and windows to the outside and garbage areas). Ensure UVA light cannot be seen from the outside.

Position the system where it can be easily reached for service. Do not install the system over machinery where access may be difficult or hazardous.

Electrical supply

The On-Top ProES is supplied with a 20-foot power cord and operates from a 110-277 V 50/60 Hz electrical supply. The power cord is hard-wired for electrical safety. Ensure that once installed, the power cord is adequately secured.

Installation

Possible risk of fire, electrical shock, and/or other hazards. It is recommended that the electrical portion of this installation be performed by a licensed electrician. Consult with your local code enforcement officials for specific regulations regarding installation of this system. PestWest USA assumes no responsibility for claims resulting from improper or careless installation or handling of this product.

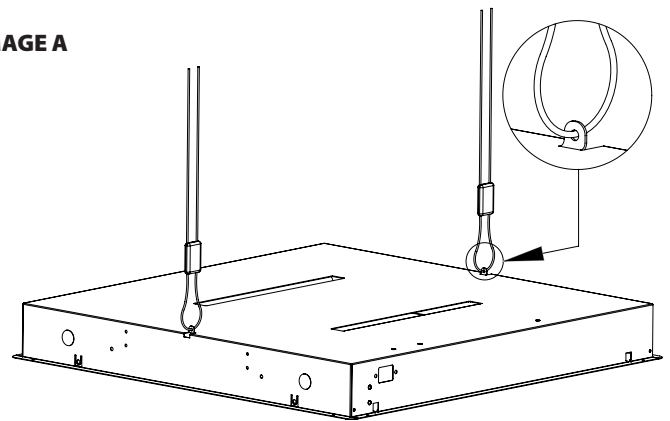
The system is designed to fit into NEMA Type 'G' suspended ceilings with tile areas of 24" x 24". If 48" x 24" panels are being used, then a 24" cross bar is included for converting 48" ceiling tiles into 24". After determination of the best deployment location (see positioning section), remove a ceiling panel. Ensure the ceiling framework is the correct cut-out size to retain the system safely and securely. Also ensure the framework is strong enough to take the weight of the system. It is necessary for the system to be securely fastened to the ceiling-framing member by mechanical means such as bolts, ties, screws, or rivets, etc.

Remove all protective film from the various metal parts. Fit the system into the suspended ceiling frame and ensure it is properly secured. Using cable or zip ties, secure the power cord to the framework from the power supply to the On Top ProES. Once the system is correctly installed into the ceiling, remove the backing paper from the glue board and place into the front cover so that the glue is facing upward toward the lamps. Turn the system on by the illuminated power-on switch. Secure and hinge the front cover back up onto the two studs.

No ceiling suspension hardware is provided with this system. Ensure ceiling-framing and selected ceiling suspension hardware are strong enough to support the weight of the unit or a minimum of 40 pounds. The unit must be securely fastened to the ceiling-framing or the roof framing structure by mechanical means such as non-corroding hardware and cable(s).

For increased stability, it is recommended the system be anchored using the two tabs on the back (or top) of the system housing (see image "A" for attachment area)

IMAGE A



1. Using a pair of pliers, fold the tabs up vertically
2. Insert the suspension wire or cable through the holes in the tabs
3. Secure in place and anchor the wire or cable to the ceiling beam

Caution: Never fasten the unit to sprinkler system fixtures, water pipes, or electrical lines. Consult a qualified professional to be in compliance with local codes and regulations. For additional installation questions contact our customer satisfaction team at 866.476.7378 or info@pestwest.com.

ON-TOP PROES

Precautions

All PestWest systems are fully insulated Class I appliances. Observe the following precautions.

- Risk of Fire, Electric Shock, Cuts and/or other hazards.
- Recommend this product is installed by a licensed electrician.
- The system operates from a 110-277 Volt supply - always switch off the machine before servicing.
- Do not install where dangerous concentrations of flammable gases or dusts are likely to occur.
- Caution Risk of Fire - Do not install insulation within 76 mm (3 in) of any part of the On Top ProES.
- This system is thermally protected. The fluorescent lamps will blink if newer or fresh lamps have been installed and the system has overheated.
- Ensure the system is properly grounded.
- Avoid working on the system if it is still connected to the main power supply.
- Ensure that operators have an adequate and secure working platform when installing or maintaining equipment.
- Do not allow the glue board to become over-filled with dead insects. Pest Identification is key in your IPM program. The On Top ProES is the ideal pest monitoring system that will give you a wealth of information. Change glue board at regular intervals as required by the catch or at least every 6-8 weeks. Use only PestWest replacement glue boards.
- This system is designed for indoor use or limited outdoor use. If used outdoors, install in dry areas ONLY, so that the system and electrical connections are fully protected from moisture. Comply to all fire codes.

Cleaning and maintenance

To maintain the attractive appearance of the system, 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. The UVA lamps within the On-Top ProES system should be changed at least once per year. For optimum performance and maintaining the warranty, replace with PestWest Quantum BL lamps.

Lamps are most attractive to target flying insects when less than one year old. UVA light emitted by the lamps at a wavelength of 350-375 nanometers (nm) diminishes with use. Light of this wavelength is invisible to the human eye. For optimum performance, routinely assess lamps with the PestWest UV-A METER.

Daily switching on and off of lamps results in faster loss of effective UVA emission. Therefore, leave the lamps switched on continuously, and change them at least once per year (preferably at the onset of increased flying insect activity or in the spring).

Since the On-Top ProES system is designed to be installed overhead, PestWest offers only FEP coated shatter resistant Quantum BL lamps. The shatter-resistant lamp is intended for use in glass exclusion zones. PestWest supplies the highest quality lamp coating available. FEP lamp coating is both UV and operating temperature tolerant while allowing high UVA emission. For optimum performance, use only PestWest lamps.

Replacing the glue board

Always switch off the system before servicing. Glue boards should be changed when full or at least every 6-8 weeks. Use only PestWest glue boards. PestWest cannot guarantee efficacy of the system if other glue boards are used. Regular inspections of the glue boards are recommended, as they are not visible in normal operation.

Unclip the front cover from the switch side and let it hinge downwards. Remove the old glue board by lifting it out of the cover. Remove the backing paper from the new board and place it into position on the cover, sticky side up. Before installing, it may be necessary to bend the board into a curved shape (similar to the cover). Replacing the cover is the opposite procedure to removal.

Changing the lamps

Always switch off the system before servicing. Unclip the front cover from the switch side and let it hinge downwards. Grasp and rotate each lamp 90° until 2 clicks are heard. The lamps can then be withdrawn by sliding out of the lamp holders. Replacing the cover is the opposite procedure to removal.

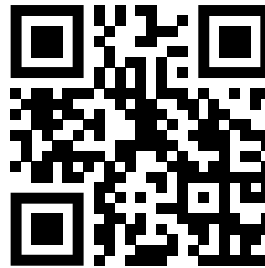
Replacement parts

Glue boards: 135-000047 (Classic Premium Black), 135-000064 (Universal White), and 135-000070 (Universal Black)

Lamp type: 130-000177 (14W T5 21" PestWest Quantum BL) shatter resistant lamp.

For optimum performance, use only PestWest replacement components.

Scan the QR code to register your 3-year warranty or visit



<https://support.pestwest.com/pestwest-warranty/>

Warranty

This On-Top ProES system has a 3 year warranty excluding lamps and glue boards. **For all claims, DO NOT SEND BACK TO THE DISTRIBUTOR.**

For warranty information, contact PestWest at 941.358.1983. To activate product warranty, immediately complete and return the warranty card.

Warranty is voided if non-PestWest components are used in this specialized system. PestWest USA reserves the right to vary model specifications without notice.



Lamp contains mercury (Hg), dispose or recycle in accordance with applicable laws.

In US, consult www.lamprecycle.org or 1-800-922-6693 for:

measures to be taken in case of breakage;
safe handling procedures; and

recycling and disposal options.

Outside of US, please contact your local authorities.



WARNING:

Cancer and/or Reproductive Harm
www.P65Warnings.ca.gov



Professional Flying Insect Management Systems (ILTS)



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Find us on:  Twitter  Facebook

PestWest Electronics Ltd operates a quality management system certified to ISO 9001

PestWest USA LLC
7135 16th Street E
Suite 124
Sarasota, FL 34243
Office: 941.358.1983
Fax: 941.358.1916
Toll Free: 866.476.7378
Email: info@pestwest.com
www.pestwest.com

Confidence in
Fly Control