

# PLUS·ZAP<sup>ECO</sup>

## Commercial Electric Insect Control

Please read these instructions carefully and store in a safe place for future reference.

### PLUSZAP™ ECO

As part of the **Insect-O-Cutor®** brand of insect control products, **PlusZap™ ECO** is an effective and flexible commercial flykiller which utilises highly energy efficient UV tubes. Two sizes of unit are available which can be wall mounted, ceiling suspended or desk mounted.

### CONTENTS OF PACKAGE

- 1 x PlusZap™ ECO flykiller
- 1 x Mains cable (Type X)
- 2 x Screws, wall plugs and suspension keyrings
- 1 x Suspension chain
- 1 x Energy efficient UV tube (20w)  
or
- 2 x Energy efficient UV tubes (40w)

WARNING - THIS APPLIANCE MUST BE EARTHED (CLASS 1)

### INSECT CONTROL PRODUCTS

**PlusZap™ ECO** utilises ultra violet tubes to attract flying insects and then electrocutes them on a killing grid, before collecting them in a removable catch tray.

### WARNING

**PlusZap™ ECO** is not to be used by persons with reduced physical, sensory or mental capabilities, or lack of experience and training, unless they have been given instruction.

Children should be supervised to ensure they do not play with the appliance.

If the mains cable is damaged it must be replaced by a specialist mains cable available from P+L Systems Ltd or your supplier.

**PlusZap™ ECO** must only be used in areas which are free of dust and any possible explosive vapour mixture, is suitable for indoor use only and is not suitable for use in barns, stables and similar locations.

### POSITIONING AND GUIDANCE FOR USING PLUSZAP™ ECO

**PlusZap™ ECO** should ideally be fixed around two meters above the ground, preferably in the darkest place within the area to be protected. Do not position the unit close to windows, skylights or other sources of light, or where it may be obscured by furniture, doors or other obstacles.

**PlusZap™ ECO** should ideally be in operation for 24 hours a day, ensuring your premises are kept free of flying insects. Insects are most attracted to **PlusZap™ ECO** units at night when there is no competition from daylight or other light sources.

### GUARANTEE

**PlusZap™ ECO** has a two year guarantee and if maintained as recommended in these instructions should continue to work for many years. \* Use of non-approved consumables may invalidate the guarantee.

\*Excludes tube(s). Does not cover breakdown due to misuse, incorrect operation or use in an incorrect application.

### INSTALLATION

INSTALLATION SHOULD BE CARRIED OUT BY SERVICE PERSONNEL ONLY.

To ensure **PlusZap™** reaches you in perfect condition, a protective film covers the catch tray (Stainless steel model only.) Remove this film before use.

**PlusZap™ ECO** should be mounted as shown in the mounting options section of this document. Keep out of reach of children. Use the removable mains lead and plug to connect **PlusZap™ ECO** to a power supply of appropriate rating, as specified on the specification label found on the top of the product.

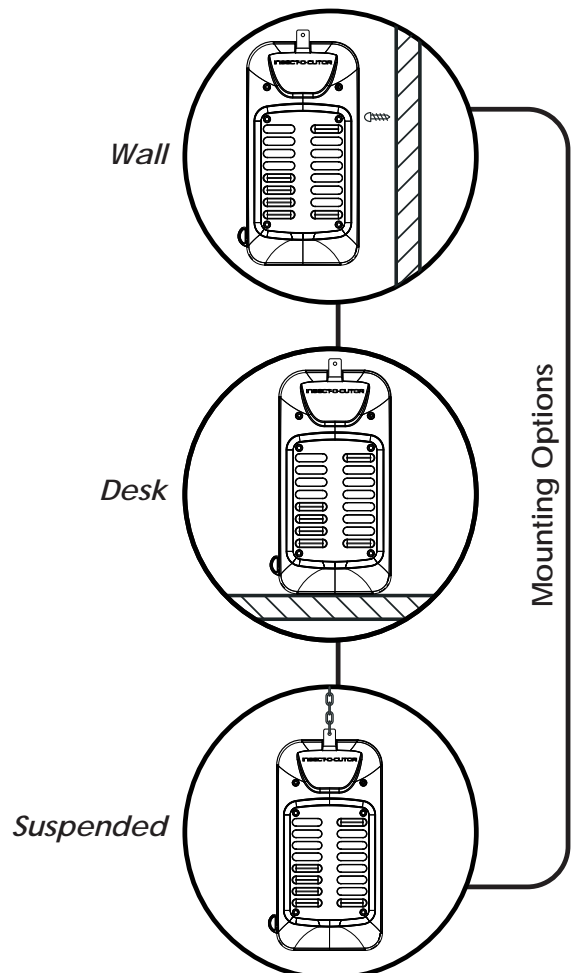
### CLEANING

CLEANING SHOULD BE CARRIED OUT BY SERVICE PERSONNEL ONLY, AFTER ENSURING THAT THE UNIT IS DISCONNECTED FROM THE MAINS SUPPLY.

It is recommended that cleaning is carried out regularly every month. During cleaning the unit should be thoroughly wiped down with a damp cloth, removing any build up of dirt. Ensure the unit is completely dry before reconnecting it to the power supply.

### MOUNTING FIXING CENTRES

METHOD	20w	40w
Wall	254mm	254mm
Desk	-	-
Suspended	320mm	320mm



## CATCH TRAY REMOVAL

The catch tray is connected to the power supply of the unit via a hidden switch. By removing the catch tray, the connection is broken and power is cut to the unit. This ensures safe access to the unit for servicing and cleaning.

**NB - WHEN REPLACING THE CATCH TRAY BACK INTO PLUSZAP™ ECO, ENSURE IT IS PUSHED FULLY INTO POSITION AND THAT POWER IS RESTORED TO THE UNIT.**

## TUBE REPLACEMENT

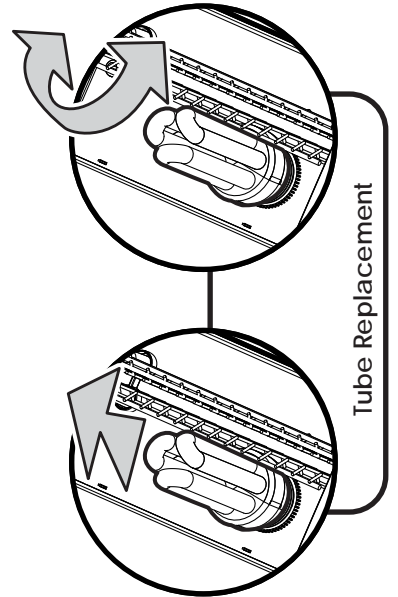
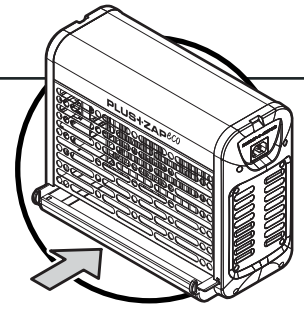
TUBE REPLACEMENT SHOULD BE CARRIED OUT BY SERVICE PERSONNEL ONLY, AFTER ENSURING THAT THE UNIT IS DISCONNECTED FROM THE MAINS SUPPLY.

To ensure the efficiency of PlusZap™ ECO in catching flying insects, the UV tube(s) should be replaced annually. After twelve months the phosphor coating that emits the correct wavelength of UV light has burnt away and the UV output is diminished substantially.

To replace the UV tubes...

1. Remove the catch tray, breaking the power supply to the unit.
2. Rotate the tube anti-clockwise, freeing it from the tube holder **ENSURING YOU TWIST THE BASE OF THE TUBE NOT THE GLASS PART.**
3. Pull the tube away from the chassis.
4. Dispose of the used UV tube(s) in conjunction with local WEEE regulations.

**NB - DO NOT OVERTIGHTEN THE REPLACEMENT UV TUBE(S).**



### SPECIFICATION / REPLACEMENT PARTS

<b>Unit</b>	White 20	<b>Unit</b>	Stainless Steel 40
<b>Voltage</b>	230V ~ 50Hz	<b>Voltage</b>	230V ~ 50Hz
<b>Dimensions(mm)</b>	365 x 130 x 262	<b>Dimensions(mm)</b>	365 x 130 x 262
<b>Coverage</b>	35 Sq. Meters	<b>Coverage</b>	70 Sq. Meters
<b>Weight</b>	2.8 Kg	<b>Weight</b>	2.8 Kg
<b>Light Output</b>	20W	<b>Light Output</b>	40W
<b>Tube</b>	1 x TVX20-ECO	<b>Tube</b>	2 x TVX20-ECO
<b>Starter</b>	N/A	<b>Starter</b>	N/A

**DANGEROUS  
VOLTAGE**