

# PLUS-ZAP™

## Commercial Electric Insect Control

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

### PLUSZAP™

As part of the **Insect-O-Cutor®** brand of insect control products, **PlusZap™** is an effective and flexible commercial flykiller which utilises highly effective UV tubes. Available in an aluminium, white or stainless steel finish, four sizes of **PlusZap™** are available, all of which can be wall mounted, ceiling suspended or desk mounted.

### CONTENTS OF PACKAGE

- 1 x PlusZap™ flykiller
- 1 x Mains cable (Type X)
- 2 x Screws, wall plugs and suspension keyrings
- 1 x Suspension chain
- 2 x High powered UV tubes (Fitted)

**WARNING - THIS APPLIANCE MUST BE EARTHED (CLASS 1)**

### INSECT CONTROL PRODUCTS

**PlusZap™** 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™** 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™** 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™

**PlusZap™** 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™** 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™** units at night when there is no competition from daylight or other light sources.

### GUARANTEE

**PlusZap™** 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 tubes and starters. 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 models only.) Remove this film before use.

**PlusZap™** 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™** to a power supply of appropriate rating, as specified on the specification label found on the top of the product.

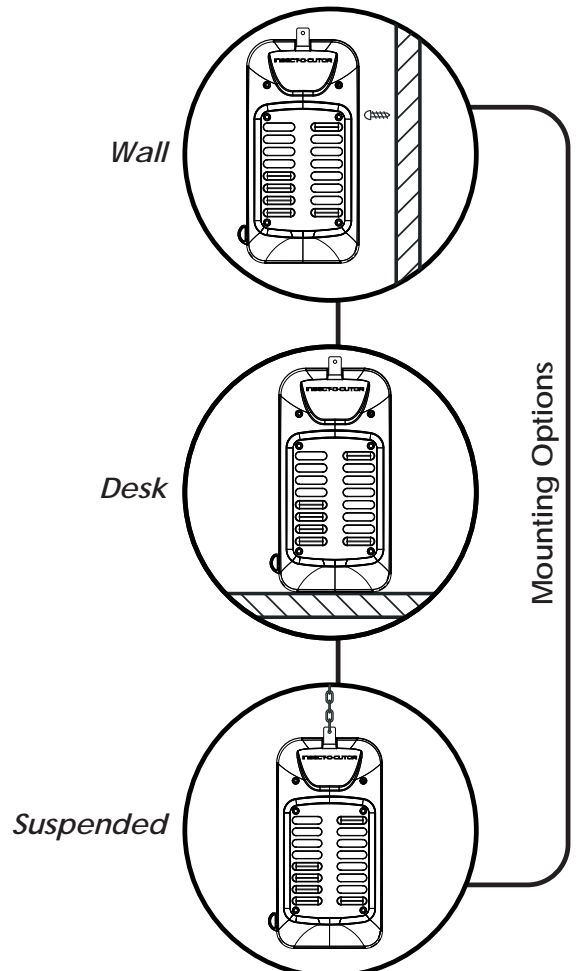
### CLEANING

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	16w	30w	40w	80w
Wall	254mm	378mm	530mm	530mm
Desk	-	-	-	-
Suspended	320mm	466mm	618mm	618mm



PlusZap 16, 30, 40 & 80

## 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™, 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™ in catching flying insects, the UV tubes 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 through 90°, freeing it from the tube holders.
3. Pull the tube away from the chassis.
4. Dispose of the used UV tubes in conjunction with local WEEE regulations.

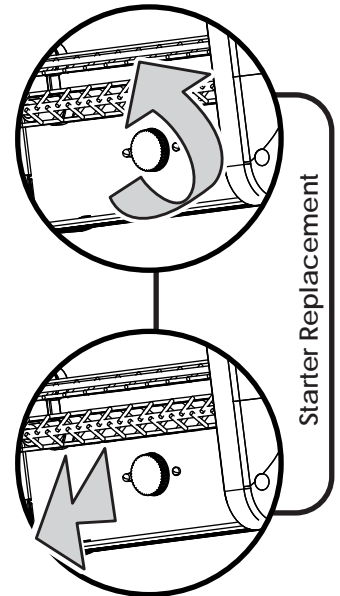
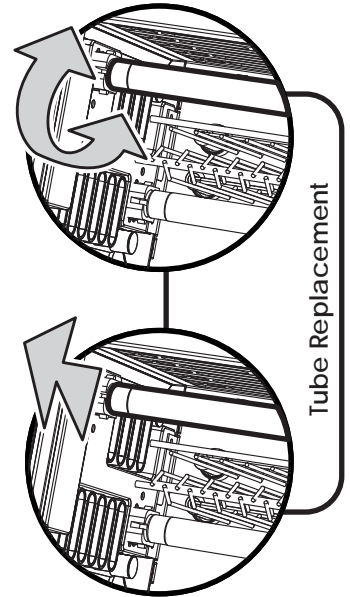
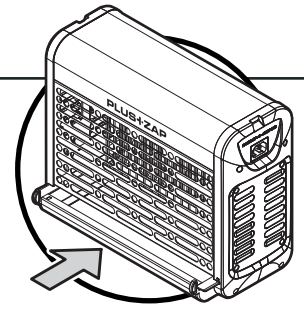
## STARTER REPLACEMENT

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

The starters provide an extra spark to initially light the UV tubes. Starters wear out and should be replaced at the same intervals as the UV tubes.

To replace the starters...

1. Rotate the starter anti-clockwise.
2. Pull the starter free from the unit.



### SPECIFICATION / REPLACEMENT PARTS

<b>Unit</b>	PZ16 Aluminium / White / Stainless
<b>Voltage</b>	230V ~ 50Hz
<b>Dimensions(mm)</b>	365 x 130 x 262
<b>Coverage</b>	40 Sq. Meters
<b>Weight</b>	2.3 / 3.2 / 3.0 Kg
<b>Light Output</b>	16W
<b>Tube</b>	2 x TVX8-12
<b>Starter</b>	2 x I154

<b>Unit</b>	PZ30 Aluminium / White / Stainless
<b>Voltage</b>	230V ~ 50Hz
<b>Dimensions(mm)</b>	514 x 130 x 262
<b>Coverage</b>	80 Sq. Meters
<b>Weight</b>	2.5 / 3.8 / 3.5 Kg
<b>Light Output</b>	30W
<b> Tubes</b>	2 x TVX15-18
<b>Starter</b>	2 x I154

<b>Unit</b>	PZ40 White / Stainless
<b>Voltage</b>	230V ~ 50Hz
<b>Dimensions(mm)</b>	670 x 130 x 262
<b>Coverage</b>	120 Sq. Meters
<b>Weight</b>	4.5 / 4.0 Kg
<b>Light Output</b>	36W
<b>Tube</b>	2 x TVX18-24
<b>Starter</b>	2 x I154

<b>Unit</b>	PZ80 White / Stainless
<b>Voltage</b>	230V ~ 50Hz
<b>Dimensions(mm)</b>	670 x 130 x 262
<b>Coverage</b>	240 Sq. Meters
<b>Weight</b>	5.0 / 4.5 Kg
<b>Light Output</b>	72W
<b>Tube</b>	2 x TVX36-24
<b>Starter</b>	2 x I154

**DANGEROUS VOLTAGE**

