



## **FLY KILLERS**

**MODEL No. RO-FK16W**

**MODEL No. RO-FK30W**

**MODEL No. RO-FK40W**

- **INSTALLATION INSTRUCTIONS**
- **SAFETY INSTRUCTIONS**
- **USER INSTRUCTIONS**

**IMPORTANT:**

- Read the following instructions carefully and keep in a safe place for future consultations
- All work required to install the appliance should be carried out in compliance with all local standards and regulations and must be carried out by qualified personnel only.

## **PRODUCT DESCRIPTION**

The electrical fly killer (FK) uses insect attracting wavelengths of UV light from UV or “blacklight” tubes to attract flies that fly through the bars of an electrically charged grid as they approach the light source. As the insect passes between the bars the electricity arcs and kills the insect. Operators are fully protected against accidental contact with the killing grid by the guards around the machine that are designed to be “finger proof”. **The Red One FKs are also “safety interlocked” so that when a machine is opened the electricity is automatically cut off to the UV light tubes and the grid.**

All Red One Fly Killers are made using the highest quality materials. Production is subject to our rigorous standard of quality control with the chassis of **each unit being treated with a rust inhibitor prior to powder coating.**

## **UNPACKING YOUR FLY KILLER**

The Red One production programme requires that each unit is tested and inspected immediately before packing. Please check for any transit damage at the time of receipt and notify us of any damage within 3 days of delivery.

## **MODE OF OPERATION**

It is the UVA light from the special tubes in an FK that attracts flying insects. Other sources of light, particularly daylight can compete with the light from an FK. Since insects are active even at night (when competition from other light sources is normally lowest), FKs should be left running and never be switched off.

## **SITING YOUR FK**

These guidelines are general and users should adopt those that best fit their needs or seek expert advice.

### **As a general rule:**

1. Position FKs in an “interception” position between the points of fly entry and food preparation areas. Entry points are typically doors and windows. In cafes and restaurants, flies normally come in through the back door after first being attracted to the kitchen refuse and rubbish bins that are kept at the back.
2. If there is a location where the flies congregate in a room, put your flytrap in, or close to, that area.
3. Mount your Fly Killer above head height but where it can be reached easily for the emptying of the catch tray.
4. Where necessary allow sufficient height for the passage of vehicles such as fork lift trucks.

### **Avoid the following locations:**

5. Next to or in front of windows (This is to minimise competition from other light sources)
6. In very draughty locations where a sudden inrush of wind may blow dead insects out of the catch tray.

7. Above working machinery where access may be difficult or dangerous.
8. Directly over exposed food or food preparation surfaces.

### **COVERAGE/AREA PROTECTED**

Nominal areas of coverage are given in the instructions with the Fly Killer. It should be borne in mind that the brighter the surrounding (competitive) light, the greater the number of units which may be required for a given area.

### **INSTALLATION**

Red One fly killers are designed to allow insect access on all sides. The Fly Killers are designed to allow for wall mounting or ceiling suspension. The area protected by a Fly Killer in suspended mode when all sides are open for insect access, is generally 1½ to 2 times that of the same model when wall mounted.

**For ceiling suspension** PARRY recommend that the hanging chain should be capable of taking twice the weight of the machine being installed and that only welded link chains be used. To ease routine cleaning it is recommended that the chain be fitted with a spring release clip at the end connected to the fly killer.

**For wall mounting** use the “keyhole” fixing points in the back of the machine to fit the Fly Killer` to the wall. Make sure that the Fly Killer is level after fitting and that the hanging screws are secure. If the wall is weak or has an uneven surface select an alternative location or use longer screws and plugs to get a secure fixing.

**The units are supplied with a 2 metre mains cable.** If it is necessary to extend this, a qualified electrician must do the 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 properly secured.

European models operate from 220-240v 50Hz/60Hz

**On U.K. models powered from 13 amp ring main system, fit a 5 amp fuse in the plug.**

**All FKs from PARRY are made to conform to British standards and the Electro-technical Committee standard EN 60335-2-59.**

### **CAUTION**

- Do not install in areas of explosive or flammable risk
- Ensure proper earthing
- Disconnect from the mains before working on the fly killer
- When working on the fly killer ensure that operators have an adequate and stable working position.
- Empty the catch tray at regular intervals, as required by the catch of insects.
- FK's are designed for indoor use and are not rain proofed. If used outside this should only be in a position where the FK and the electrical connections are fully protected against rain.

### **MAINTENANCE & SAFETY**

The FK should be cleaned as often as required. After disconnecting from the main, use a cloth dampened with water and detergent or a proprietary cleaner. Never use scouring pads or abrasives. Use a plastic brush to clean electric net if necessary.

Empty the catch tray at regular intervals.

To maintain efficiency the UV tubes in FKs must be changed at least once per year (preferably at the onset of increased flight activity in the Spring).

## **TUBES**

Tubes are most attractive to the target flying insects when less than one year old. The blue/violet coloured light, which the human eye sees, is not representative of the insect attracting UV light emissions (the insect attracting light with a wavelength of 350-375 nanometres is not visible to the human eye). The UV light emissions decline with use and daily switching on and off of the lamps results in an even faster loss of the effective UV light.

**THE FLY KILLER AND THE TUBES SHOULD BE LEFT CONTINUOUSLY RUNNING AND THE TUBES CHANGED AT LEAST ONCE PER YEAR (PREFERABLY AT THE ONSET OF INCREASED INSECT FLIGHT ACTIVITY IN THE SPRING).**

PARRY offer replacement tubes – either standard tubes or shatterproof (coated) tubes. The shatterproof tube is for use in glass exclusion zones. The coating on tubes supplied by PARRY is of the highest quality available, using a material that is UV and operating temperature tolerant. The carefully selected coating on shatterproof tubes allows maximum emission of UV light.

*\*Manufacturer reserves the right to vary model specifications without notice.*

### **Insect Controlling areas with Red One Fly Killer**

<b>Parry Product Code</b>	<b>Wattage</b>	<b>Tube rating</b>	<b>Area controlled m<sup>2</sup></b>	<b>Weight kgs</b>
<b>RO-FK – 16W</b>	<b>16</b>	<b>2 x 8 watts</b>	<b>50</b>	<b>2.3</b>
<b>RO-FK – 30W</b>	<b>30</b>	<b>2 x 15 watts</b>	<b>100</b>	<b>3.3</b>
<b>RO-FK – 40W</b>	<b>40</b>	<b>2 x 20 watts</b>	<b>150</b>	<b>4.0</b>

**All Red One Fly Killers are supplied with 1 year back to base warranty, subject to the following conditions.**

- The user has followed the installation and user instructions.
- Light tubes are changed once per year by an accredited servicing agent, tube supplied by Parry (proof of purchase may be required)
- All service work will be carried out at the Parry factory.
- It is the responsibility of the buyer to return the faulty product in A1 condition and in its original packaging, at their own cost.
- Prior to returning the faulty product you must contact us for a “Returns Authorisation Form“

