Flying Insect Management

PROFESSIONAL STICKY TRAPS
PROFESSIONAL ELECTRONIC STICKY TRAPS
ELECTRONIC FLY KILLERS (EFKS)
DECORATIVE STICKY TRAPS
SPECIALIST RANGE
ANCILLARY PRODUCTS
HINTS, PRODUCT SPECIFICATIONS & PRODUCT SELECTION GUIDE
FLY IDENTIFICATION
InTRoDucTIon

Innovation, quality and power are key components in any PestWest unit. Combining excellent value with expertise from technicians and leading biologists, PestWest give you a diverse range of professional and specialist Electric Fly Killers.

By merging science with technology, PestWest units are designed to the highest specification whilst always keeping the end user in mind, saving you time and money.

PestWest are passionate about flying insect control, guaranteeing that you receive the very best units built to the highest specification.

PestWest is the proud holder of the Queen’s Award for Enterprise: International Trade 2004, the holder of regional and national awards for export sales and is the winner of the UK award for Best Use of Education and Training. It prides itself on manufacturing high quality, reliable and innovative products which incorporate unique design features.

Flies spread disease and suffering…

…control them with PestWest

INTRODUCTION

ALL PESTWEST UNITS ARE CE MARKED AND CARRY THE REQUIRED EUROPEAN APPROVALS. ALL MODELS COME WITH A 3-YEAR GUARANTEE (EXCLUDING CONSUMABLES). EACH PROFESSIONAL UNIT IS FITTED WITH ENVIRONMENTALLY RESPONSIBLE PESTWEST QUANTUM SHATTERPROOF TUBES.

PestWest Electronics Limited, West Yorkshire, United Kingdom

TEL: +44 (0) 1924 268500 FAX: +44 (0) 1924 273591 EMAIL: info@pestwest.com

www.pestwest.com
PestWest Professional Sticky Traps are high quality units combining advanced glue board technology with slim-line designs. The slim-line designs enable glue boards to be placed closer to the UV tubes improving catch rates, whilst PestWest Reflectobakt® sleeves shield the board from the drying effect of the UV tubes.

With a PestWest sticky trap the insects are secured allowing units to be placed closer to sensitive areas. They do not have an electric killing grid making them silent, discreet and hygienic whilst catching all sizes of insects including smaller species such as Fruit Flies.

All units feature:
- Quantum shatter resistant tubes coated with industry compliant FEP for maximum attraction and significantly reduced risk of contamination from glass breakages.
- Full-size sticky board to effectively catch even the smallest flies.
- Easy to remove bottom tray, drop-down guard and front covers - no tool service.
- Reflectobakt® sleeves increase attractiveness to insects, significantly slow the drying of the sticky board and allow longer board life and slimmer design.
- Interchangeable tubes and sticky boards on all units to minimise stocking requirements.
- All metal construction means longer lasting models for years of reliable service.

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**Professional Sticky Traps**

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**Discreet and slim wall-mounted unit (free-standing bracket available). An attractive front cover conceals the sticky board and catch, which makes this unit ideal for areas in view of the public.**

| Dimensions | H: 31.5cm | W: 48.5cm | D: 6.5cm |
| Weight     | 4.3kg     |
| Coverage   | Wall mounted / Freestanding: 70m² |
| Finish     | White Stainless Steel |
| Tube Data  | 2 x 15-Watt PestWest Quantum tubes |
|            | • Shatterproof coating with industry compliant FEP |
|            | • Reflectobakt® technology |

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**Attractive, slim, wall-mounted (free standing bracket available), compact and unobtrusive, this unit is ideal for use in food preparation areas.**

| Dimensions | H: 31.5cm | W: 48.5cm | D: 6.5cm |
| Weight     | 4.3kg     |
| Coverage   | Wall mounted / Freestanding: 90m² |
| Finish     | White Stainless Steel |
| Tube Data  | 2 x 15-Watt PestWest Quantum tubes |
|            | • Shatterproof coating with industry compliant FEP |
|            | • Reflectobakt® technology |

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**Designed to be ceiling-suspended, this model provides 360° attraction and is ideal for industrial and commercial food premises.**

| Dimensions | H: 31.5cm | W: 48.5cm | D: 12.5cm |
| Weight     | 6kg       |
| Coverage   | Ceiling-suspended / Freestanding: 180m² |
| Finish     | White Stainless Steel |
| Tube Data  | 4 x 15-Watt PestWest Quantum tubes |
|            | • Shatterproof coating with industry compliant FEP |
|            | • Reflectobakt® technology |

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**Attractive wall-mounted unit disguised as a wall light. It is the perfect choice for areas where fly control should be discreet, e.g. restaurants and other eating areas.**

| Dimensions | H: 21cm | W: 47cm | D: 17cm |
| Weight     | 3.7kg   |
| Coverage   | Wall mounted: 40m² |
| Finish     | Magnolia |
| Tube Data  | 1 x 15-Watt PestWest Quantum tube |
|            | • Shatterproof coating with industry compliant FEP |
Innovative designs with decorative and unique covers to hide the glue board and insect catch, providing discreet and environmentally friendly fly control. All units use advanced energy efficient electronic ballast systems to enhance tube performance, reduce running costs and avoid the need for starter replacement.

**Chameleon VEGA**

The Chameleon Vega is the latest addition to the award-winning Chameleon range of UV fly control units manufactured by PestWest. Its revolutionary design is based on new slimline technology making the Vega a stylish, powerful and economical fly trap. Its elegant and ultra-slim design combined with an all stainless steel or white all-metal construction will suit most environments. It features new higher energy efficient UVA tubes with Reflectobakt® technology powered by a state of the art electronic ballast to deliver efficient fly control with low running costs.

The slimness and style of the Chameleon Vega is achieved thanks to the latest generation of UVA tubes, which offers improved UVA performance as well as a reduction in glass content. The absence of starters and the unique self-holding mechanism of the front guard contribute to the overall ease and speed of servicing.

**Dimensions**

- H: 30cm  
- W: 57.5cm  
- D: 4cm

**Weight**

- 3.2kg

**Coverage**

- Wall mounted: 150m²

**Finish**

- White  
- Stainless Steel

**Tube Data**

- 3 x 14-Watt T5 PestWest Quantum tubes  
- Shatterproof coating with industry compliant FEP  
- Reflectobakt® technology  
- Powered by an electronic ballast

**Mirage PRO VS**

A high-powered, yet discreet sticky trap unit providing decorative and attractive fly control. Wall-mounted model, ideal for use in restaurants, hotels and dining rooms where fly control should be hidden from view.

**Dimensions**

- H: 50cm  
- W: 30cm  
- D: 15cm

**Weight**

- 3.3kg

**Coverage**

- Wall mounted: 60m²

**Finish**

- Satin aluminium and polished stainless steel front

**Tube Data**

- 2 x 25-Watt PestWest Quantum tubes  
- Shatterproof coating with industry compliant FEP  
- Powered by an electronic ballast

**On-Top PRO**

Innovative, discreet and stylish fly traps. These unique overhead designs fit discreetly and easily into new or existing suspended ceilings. Ideal for convenience stores, supermarkets and areas where space limitations may have previously made situating a standard unit difficult. The patented designs avoid the possibility of fly fall-out and will efficiently control infestations in public spaces.

**Dimensions**

- H: 59cm  
- W: 59cm  
- D: 13cm

**Weight**

- 6kg

**Coverage**

- Ceiling-fitted: 50m²

**Finish**

- Zintec steel body with white painted aluminium cover tray

**Tube Data**

- 2 x 25-Watt PestWest Quantum tubes  
- Shatterproof coating with industry compliant FEP  
- Powered by an electronic ballast
Electronic Fly Killers (EFKs)

The Electronic Fly Killers use powerful PestWest Quantum tubes to attract flying insects onto a high voltage killing grid to eradicate them. The insects subsequently fall into a catch-tray. PestWest has been developing world leading EFKs for over 20 years. They are designed with both the professional technician and the end-user in mind. They combine robust and powerful designs with tool-free maintenance and a choice of either wall-mounted, ceiling-suspended or freestanding options.

**Nemesis® QUATTRO**

This all-metal electronic fly killer combines robustness and power with energy-efficient and environmentally responsible technology making it the ideal choice for large open industrial areas. It features new higher energy efficient UVA tubes powered by a state of the art electronic ballast for optimum fly control performance with low running costs and reduced materials (glass & mercury).

**Additional features:**
- Unique transformer - minimises shattering of insects
- Front guard lockable in open position - facilitates servicing
- ‘Power-on’ and ‘grid-on’ warning lights - inspection at a distance
- Spring-loaded removable killing grid - easy cleaning
- Choice of mounting option - ease of placement

**Dimensions**
- H: 42cm
- W: 65cm
- D: 18cm

**Weight**
- 12kg

**Coverage**
- Wall mounted: 240m²
- Ceiling-suspended: 480m²

**Finish**
- White
- Stainless Steel

**Tube Data**
- 4 x 14-Watt T5 PestWest Quantum tubes
- Shatterproof coating with industry compliant FEP
- Powered by an electronic ballast

**TITAN 300**

With a wrap-around chrome guard giving 360º protection, this all-metal unit offers features and performance far beyond its price. It is ideal for larger kitchens, shops, cafés and all commercial uses. It can be adapted to operate as a cluster fly unit by removing the tray.

**Dimensions**
- H: 33cm
- W: 49.5cm
- D: 13.5cm

**Weight**
- 7.5kg

**Coverage**
- Wall mounted: 90m²
- Ceiling-suspended / Freestanding: 180m²

**Finish**
- White
- Stainless Steel

**Tube Data**
- 2 x 15-Watt PestWest Quantum tubes
- Shatterproof coating with industry compliant FEP

**TITAN ALPHA**

This powerful yet compact model is ideal for shops, kitchens, cafés, take-away outlets and even domestic use.

**Dimensions**
- H: 30.5cm
- W: 35cm
- D: 15cm

**Weight**
- 6kg

**Coverage**
- Wall mounted: 80m²
- Ceiling-suspended / Freestanding: 160m²

**Finish**
- White

**Tube Data**
- 2 x 15-Watt 12'' long PestWest Quantum tubes
Decorative Sticky Traps

The decorative sticky trap units have been designed specifically for areas where fly control should be hidden from view, with decorative and unique front covers that hide the glue board and insect catch.

**Sunburst**

Designed for front-of-house areas where fly control should be hidden from view, its elegant and decorative design conceals the glue board and the insects caught. Discreet, stylish and environmentally responsible, the Sunburst is ideal for hotels, restaurants, bars, and retail shops. This all metal unit can be placed on a tabletop or mounted on the wall.

**Dimensions**
- H: 31cm
- W: 23cm
- D: 10cm

**Weight**
- 2.5kg

**Coverage**
- Wall mounted / Freestanding: 35m²

**Finish**
- White
- Silver-grey
- Black

**Tube Data**
- 1 x 20-Watt BL compact tube
- Powered by an electronic ballast

**Naturale**

Unique, decorative and discreet sticky board fly trap made of bamboo with a design that is both elegant and natural, making the unit suitable for most front-of-house situations. The discreet design conceals the glue board and the insect catch from view. The use of natural materials and energy-efficient technology allow for an environmentally sustainable fly control. The Sunburst Naturale can be used wall-mounted or freestanding and is ideal for hotels, restaurants, bars and shops.

**Dimensions**
- H: 32.5cm
- W: 25.5cm
- D: 11.5cm

**Weight**
- 2kg

**Coverage**
- Wall mounted / Freestanding: 35m²

**Finish**
- Bamboo

**Tube Data**
- 1 x 20-Watt BL compact tube
- Powered by an electronic ballast
PestWest’s specialist range provides special safety features such as high IP ratings and flameproof electrical enclosures giving you protection against the most hazardous and potentially dangerous areas.

The units are built to the highest possible specifications and accredited to the ultimate safety certification for electrical equipment. This means that sensitive and often highly dangerous areas (ATEX classified zones) can be protected without compromising safety standards or insurance requirements.

### Specialist Range

This custom-designed unit has been exclusively engineered to allow protection in areas where gas and vapour are present such as: distilleries and in the petrochemical and pharmaceutical industries.

The Chameleon® EXG is made to comply with exacting ATEX standards (ATEX Directives 99/92/EC and 94/9/EC) and is made from the highest quality materials to give a fully corrosion-resistant construction using 304-brushed stainless steel and Marine-grade aluminium alloy. It is suitable for use in zones 2 and 1 - atmospheres where flammable gases/vapours are likely to arise and zones 22 and 21 - atmospheres where combustible dust/powder may be present.

The use of a specific flameproof glass enclosure with excellent UVA light transmission, combined with two large surface area adhesive boards, optimises the fly control unit’s efficacy. The adhesive board holders are adjustable allowing installation in confined spaces.

**Dimensions**

<table>
<thead>
<tr>
<th>Dimensions</th>
<th>H: 80cm</th>
<th>W: 90cm</th>
<th>D: 30cm</th>
</tr>
</thead>
</table>

**Weight**

14.5kg

**Coverage**

Wall mounted: 120m²

**Finish**

Stainless Steel and aluminium alloy

**Tube Data**

- 4 x 40-Watt PestWest Quantum tubes
- Shatterproof coating with industry compliant FEP
- Powered by an electronic ballast

### Chameleon® EXG

The Chameleon® EXG is an ATEX compliant all stainless steel industrial UV fly trap. It is suitable for use in potentially explosive atmospheres in ATEX zone 22 classified areas. Its IP65 rating also allows installation in damp, dusty or corrosive environments. This powerful unit covers large industrial areas trapping even the smallest insects on its double-sided board.

An advanced electronic ballast circuitry reduces the running costs and increases efficiency. The absence of starters and the board easy lateral insertion and withdrawal facilitate servicing.

**Dimensions**

<table>
<thead>
<tr>
<th>Dimensions</th>
<th>H: 80cm</th>
<th>W: 90cm</th>
<th>D: 30cm</th>
</tr>
</thead>
</table>

**Weight**

14.5kg

**Coverage**

Ceiling-suspended: 440m²

**Finish**

Stainless Steel and aluminium alloy

**Tube Data**

- 2 x 18-Watt PestWest Quantum tubes
- Shatterproof coating with industry compliant FEP
- Powered by an electronic ballast

### Chameleon® 4x4 EX

The Chameleon® 4x4 EX is an ATEX compliant all stainless steel industrial UV fly trap. It is suitable for use in potentially explosive atmospheres in ATEX zone 22 classified areas. Its IP65 rating also allows installation in damp, dusty or corrosive environments. This powerful unit covers large industrial areas trapping even the smallest insects on its double-sided board.

An advanced electronic ballast circuitry reduces the running costs and increases efficiency. The absence of starters and the board easy lateral insertion and withdrawal facilitate servicing.

**Dimensions**

<table>
<thead>
<tr>
<th>Dimensions</th>
<th>H: 61.5cm</th>
<th>W: 63.5cm</th>
<th>D: 16.5cm</th>
</tr>
</thead>
</table>

**Weight**

15.5kg

**Coverage**

Ceiling-suspended: 440m²

**Finish**

Stainless Steel

**Tube Data**

- 4 x 40-Watt PestWest Quantum tubes
- Shatterproof coating with industry compliant FEP
- Reflectobakt® technology
- Powered by an electronic ballast
**Chameleon® 4x4**

The Chameleon 4x4 is a powerful high capacity sticky trap, which is particularly suited for large open areas in industrial food premises. An advanced electronic ballast circuitry reduces the running costs and increases efficiency. The absence of starters and the large boards easy lateral insertion and withdrawal facilitate servicing.

<table>
<thead>
<tr>
<th>Dimensions</th>
<th>H: 61.5cm</th>
<th>W: 63.5cm</th>
<th>D: 16.5cm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weight</td>
<td>11.75kg</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Coverage</td>
<td>Ceiling-suspended: 440m²</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Finish</td>
<td>White</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
| Tube Data        | 4 x 40-Watt PestWest Quantum tubes
- Shatterproof coating with industry compliant FEP
- Reflectobakt® technology
- Powered by an electronic ballast |

**Nemesis® QUATTRO IP**

The Nemesis Quattro IP24 is an all stainless steel industrial model, which can withstand exposure to high humidity, water splashes and corrosive atmospheres. It is both powerful and energy efficient, featuring new high efficiency UVA tubes powered by a state of the art electronic ballast for optimum fly control performance with low running costs and reduced materials (glass and mercury notably). It is equipped with ‘power-on’ and high voltage LED indicators, the killing grid is extractable and the front guard can be locked in open position, which all contribute to the overall ease of servicing.

<table>
<thead>
<tr>
<th>Dimensions</th>
<th>H: 42cm</th>
<th>W: 65cm</th>
<th>D: 18cm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weight</td>
<td>12kg</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
| Coverage         | Wall mounted: 240m²
Ceiling-suspended: 480m² |
| Finish           | Stainless Steel |
| Tube Data        | 4 x 14-watt T5 PestWest Quantum tubes
- Shatterproof coating with industry compliant FEP
- Powered by an electronic ballast |

**Chameleon® 1x2IP**

The Chameleon® 1x2IP unit offers advanced fly control for demanding environments and is suitable for areas that are steam-cleaned, hosed down and are damp or corrosive e.g. dairies, abattoirs and industrial kitchens. It is entirely made in stainless steel and IP66 certified.

<table>
<thead>
<tr>
<th>Dimensions</th>
<th>H: 31cm</th>
<th>W: 50cm</th>
<th>D: 10cm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weight</td>
<td>6.1kg</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Coverage</td>
<td>Wall mounted: 90m²</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Finish</td>
<td>Stainless Steel</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
| Tube Data        | 2 x 15-Watt PestWest Quantum tubes
- Shatterproof coating with industry compliant FEP
- Reflectobakt® technology |
This range of outstanding sticky boards ensures effectiveness and ease of service to provide a difference that sets them apart from the rest. The effectiveness and ease of service of PestWest sticky boards are achieved by using high quality raw materials and a production process that matches the specific features of our UV fly control units.

**STICKY BOARDS WITH A DIFFERENCE!**

The PestWest sticky board range features:

- Laminated board construction to eliminate warping and facilitate servicing
- Insect retention and UVA resistance are optimised with a unique hot melt adhesive coating
- Easy to install with a fast release silicon paper that does not affect the glue coating
- Treated card prevents moisture penetration and ensures conformal glue coating for improved insect retention
- Used as part of an IPM programme this comprehensive range includes grey monitoring boards with tabulated grid pattern to facilitate insect counting and identification
- Solvent free glue and use of recycled cardboard reduces environmental impact
- Size optimised to fit a wide range of fly trap models reducing stock requirements
- Long shelf life to minimise stocking issues

PestWest glue board models are designed so the glue boards sit closer to the UV tube than competing models, providing a more rapid catch. This is possible thanks to the introduction of the Reflectobakt® sleeve, which makes the units more effective for longer periods of time.

Reflectobakt® sleeves are featured in all the Chameleon® range of sticky traps, except for the Uplight model.

**Chameleon Vega**

An ultra slim unit at 4cm deep
PestWest Quantum Shatterproof Tubes

High Performance and Safety
- 100% European technology
- Higher initial UVA output at 365nm/more durable output
- Industry compliant FEP shatterproof coating: 5% UVA light loss maximum and glass retention under impact to EN 61549
- Environmentally responsible choice: no lead, less mercury
- Tried and trusted brand

OPTIMISED SPECTRAL DISTRIBUTION
The majority of the UVA light output of Quantum tubes is concentrated in the spectrum between 350-380 nanometers. Extensive scientific research sponsored by PestWest and carried out at the University of Birmingham in the UK proved that this is the most attractive spectrum for urban flies. In 1997 PestWest approached Sylvania Lighting International (SLI) to apply the knowledge obtained from this research and after a 2 year development and trials period the Quantum tube was born.

MEETING ENVIRONMENTAL CONCERNS
Quantum tubes meet the most environmentally responsible standards and comply with the requirements of the Restriction of Hazardous Substances (RoHS) legislation, under which the manufacture of BL350 tubes has been banned in Europe for environmental reasons. Quantum tubes are manufactured to the highest quality using the latest water based phosphor technology.

MAINTAINING HIGH UVA OUTPUT
UVA light emitted from tubes varies greatly depending on the type of phosphors used and the quality of the manufacturing process. The wrong phosphor mix and any lack of quality control leads to very low product performance.

The special phosphor mix used in Quantum tubes and a quality control system to international standards give high initial UVA output while maintaining more UVA light over the tube’s lifetime (see graph below). As a result, PestWest Quantum tubes guarantee the user highly effective performance throughout their entire life-span.

MAXIMUM SAFETY WITH FEP SHATTERPROOF COATING
Not all shatterproof coatings are the same because their quality depends on the material used.

PestWest Quantum shatterproof tubes are coated with a high quality FEP shatterproof coating which has an excellent UVA transmission of around 95%.

The FEP coating also features excellent impact resistance and guaranteed glass retention. It will not melt, flake, discolour nor drip and complies with international standard IEC 61549 for shatterproof tube coatings.
PestWest utilise advanced technology to produce a range of outstanding ancillary products, providing you with the perfect tools to enhance customer satisfaction and loyalty, ensuring you get the very best from your units.

Ancillary Products

The UVA Meter uses a series of LED lights to measure UVA light, which is invisible to the human eye. It can quickly and clearly show either:

- The condition and quality of the UV output of the existing tubes in a fly trap, showing whether they are working at peak performance, in need of replacement or beyond useful life. This is particularly important as not all manufacturers’ UV tubes maintain adequate performance throughout their one year life and some shatterproof tube coatings will significantly reduce UVA output.
- Or as an effective and valuable tool to measure and assess the amount of ambient UV light and to locate the best position for siting of a new UV fly trap.

The sturdily constructed UVA Meter is designed with the user in mind. The size of a mobile phone, it can be carried around conveniently and also has a lanyard facility for ease of use when in awkward situations e.g. at the top of ladders.

HINTS & TIPS

**UV FLY KILLERS**

- To maintain maximum effectiveness, tubes should be changed ideally every 6 months, but at least every 12 months, preferably at the onset of warmer weather.
- Quantum tubes are recommended, as their effective lifespan is longer than some other tubes, which reduces the amount of maintenance required.
- Use a UV-A Meter to measure the ultra-violet output of tubes, to give you an instant indication of tube effectiveness and remaining life.
- If the unit requires starters, replace them at the same time that you change the tubes.

**ADDITIONALLY FOR UV STICKY TRAPS**

- Use Reflectobakt® sleeves to significantly slow the drying of the sticky board and allow longer board life, which reduces the amount of maintenance required.
- Replace the sticky boards every 2 months to ensure maximum efficacy.

**ADDITIONALLY FOR EFKS**

- Use a grid tester to test the killing grid (see picture) without shorting the high tension current onto the metal body of the machine, as often happens when using a conventional screwdriver (unless the unit has a high voltage ‘grid-on’ indicator like the Nemesis Quattro line).
- Brush down the killing grid (only when it is turned off!) to remove insect fragments.
- Empty the catch tray frequently.
### Quick Reference Guide

All units operate under 220 - 240V, 50/60Hz mains supply
All models use RoHS compliant UVA tubes peaking at circa 365nm

#### PROFESSIONAL STICKY TRAPS

<table>
<thead>
<tr>
<th>Model</th>
<th>Power Consumption</th>
<th>Killing grid output</th>
<th>Tube Data - PestWest Quantum BL</th>
<th>Starters (in series type)</th>
<th>Coverage area Wall mounted</th>
<th>Coverage area Ceiling-suspended</th>
<th>Dimensions H x W x D</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chameleon® 1x2 Discretion</td>
<td>45 Watt</td>
<td>n/a</td>
<td>2 x 15 Watt shatterproof 18&quot; / 45cm long / T8</td>
<td>2 x FS22 or S2</td>
<td>70m² freestanding bracket available</td>
<td>n/a</td>
<td>31.5 x 48.5 x 6.5cm</td>
<td>4.3kg</td>
</tr>
<tr>
<td>Chameleon® 2x2</td>
<td>45 Watt</td>
<td>n/a</td>
<td>2 x 15 Watt shatterproof 18&quot; / 45cm long / T8</td>
<td>2 x FS22 or S2</td>
<td>90m² freestanding bracket available</td>
<td>n/a</td>
<td>31.5 x 48.5 x 6.5cm</td>
<td>4.3kg</td>
</tr>
<tr>
<td>Chameleon® Uplight</td>
<td>20 Watt</td>
<td>n/a</td>
<td>1 x 15 Watt shatterproof 18&quot; / 45cm long / T8</td>
<td>1 x FS22 or S2</td>
<td>40m²</td>
<td>n/a</td>
<td>21 x 47 x 17cm</td>
<td>3.7kg</td>
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#### PROFESSIONAL ELECTRONIC STICKY TRAPS

<table>
<thead>
<tr>
<th>Model</th>
<th>Power Consumption</th>
<th>Killing grid output</th>
<th>Tube Data - PestWest Quantum BL</th>
<th>Starters (in series type)</th>
<th>Coverage area Wall mounted</th>
<th>Coverage area Ceiling-fitted</th>
<th>Dimensions H x W x D</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chameleon® Vega</td>
<td>50 Watt</td>
<td>n/a</td>
<td>3 x 14 Watt shatterproof 21&quot; / 53cm long / T5</td>
<td>None</td>
<td>150m²</td>
<td>n/a</td>
<td>30 x 57 x 4cm</td>
<td>3.2kg</td>
</tr>
<tr>
<td>Mirage Pro V5</td>
<td>55 Watt</td>
<td>n/a</td>
<td>2 x 25 Watt shatterproof 18&quot; / 45cm long / T8</td>
<td>None</td>
<td>60m²</td>
<td>n/a</td>
<td>50 x 30 x 15cm</td>
<td>3.3kg</td>
</tr>
<tr>
<td>ON-TOP PRO</td>
<td>55 Watt</td>
<td>n/a</td>
<td>2 x 25 Watt shatterproof 18&quot; / 45cm long / T8</td>
<td>None</td>
<td>n/a</td>
<td>50m²</td>
<td>59 x 59 x 13cm</td>
<td>4kg</td>
</tr>
<tr>
<td>ON-TOP PRO 2</td>
<td>55 Watt</td>
<td>n/a</td>
<td>2 x 25 Watt shatterproof 18&quot; / 45cm long / T8</td>
<td>None</td>
<td>n/a</td>
<td>50m²</td>
<td>59 x 59 x 13cm</td>
<td>4kg</td>
</tr>
</tbody>
</table>

#### ELECTRONIC FLY KILLERS (EFKS)

<table>
<thead>
<tr>
<th>Model</th>
<th>Power Consumption</th>
<th>Killing grid output</th>
<th>Tube Data - PestWest Quantum BL</th>
<th>Starters (in series type)</th>
<th>Coverage area Wall mounted</th>
<th>Coverage area Ceiling-suspended</th>
<th>Dimensions H x W x D</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nemesis® Quattro</td>
<td>70 Watt</td>
<td>4300V 9mA</td>
<td>4 x 14 Watt shatterproof 21&quot; / 53cm long / T5</td>
<td>None</td>
<td>240m²</td>
<td>400m²</td>
<td>42 x 65 x 18cm</td>
<td>12kg</td>
</tr>
<tr>
<td>Titan® 300</td>
<td>50 Watt</td>
<td>3720V 9mA</td>
<td>2 x 15 Watt shatterproof 18&quot; / 45cm long / T8</td>
<td>2 x FS22 or S2</td>
<td>90m²</td>
<td>180m²</td>
<td>33 x 49.5 x 13.5cm</td>
<td>7.5kg</td>
</tr>
<tr>
<td>Titan® Alpha</td>
<td>60 Watt</td>
<td>3720V 9mA</td>
<td>2 x 15 Watt 12&quot; / 30cm long / T5</td>
<td>2 x FS22 or S2</td>
<td>80m²</td>
<td>160m²</td>
<td>30.5 x 35 x 15cm</td>
<td>4kg</td>
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#### DECORATIVE STICKY TRAPS

<table>
<thead>
<tr>
<th>Model</th>
<th>Power Consumption</th>
<th>Killing grid output</th>
<th>Tube Data - PestWest Quantum BL</th>
<th>Starters (in series type)</th>
<th>Coverage area Wall mounted</th>
<th>Coverage area Freestanding</th>
<th>Dimensions H x W x D</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sunburst®</td>
<td>22 Watt</td>
<td>n/a</td>
<td>1 x 20 Watt BL compact</td>
<td>None</td>
<td>35m²</td>
<td>35m²</td>
<td>31 x 23 x 10cm</td>
<td>2.5kg</td>
</tr>
<tr>
<td>Naturale</td>
<td>22 Watt</td>
<td>n/a</td>
<td>1 x 20 Watt BL compact</td>
<td>None</td>
<td>35m²</td>
<td>35m²</td>
<td>32.5 x 25.5 x 11.5cm</td>
<td>2kg</td>
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#### SPECIALIST RANGE

<table>
<thead>
<tr>
<th>Model</th>
<th>Power Consumption</th>
<th>Killing grid output</th>
<th>Tube Data - PestWest Quantum BL</th>
<th>Starters (in series type)</th>
<th>Coverage area Wall mounted</th>
<th>Coverage area Ceiling-suspended</th>
<th>Dimensions H x W x D</th>
<th>Weight</th>
</tr>
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<tbody>
<tr>
<td>Chameleon® EXG</td>
<td>40 Watt</td>
<td>n/a</td>
<td>2 x 18 Watt shatterproof 24&quot; / 60cm long / T8</td>
<td>None</td>
<td>120m²</td>
<td>n/a</td>
<td>80 x 90 x 30cm</td>
<td>14.5kg</td>
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<tr>
<td>Chameleon® 4x4EX</td>
<td>190 Watt</td>
<td>n/a</td>
<td>4 x 40 Watt shatterproof 24&quot; / 60cm long / T12</td>
<td>None</td>
<td>n/a</td>
<td>440m²</td>
<td>61.5 x 63.5 x 16.5cm</td>
<td>15.5kg</td>
</tr>
<tr>
<td>Chameleon® 4x4 White</td>
<td>190 Watt</td>
<td>n/a</td>
<td>4 x 40 Watt shatterproof 24&quot; / 60cm long / T12</td>
<td>None</td>
<td>n/a</td>
<td>440m²</td>
<td>61.5 x 63.5 x 16.5cm</td>
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<tr>
<td>Nemesis® Quattro IP</td>
<td>70 Watt</td>
<td>4300V 9mA</td>
<td>4 x 14 Watt shatterproof 21&quot; / 53cm long / T5</td>
<td>None</td>
<td>240m²</td>
<td>480m²</td>
<td>42 x 65 x 18cm</td>
<td>12kg</td>
</tr>
<tr>
<td>Chameleon® 1x2iP</td>
<td>45 Watt</td>
<td>n/a</td>
<td>2 x 15 Watt shatterproof 18&quot; / 45cm long / T8</td>
<td>2 x FS22 or S2</td>
<td>90m²</td>
<td>n/a</td>
<td>31 x 50 x 10cm</td>
<td>6.1kg</td>
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</tbody>
</table>
How to choose the right fly killer

**FRONT OF HOUSE**

Front of house installations are typically in restaurants, bars, cafés and hotel lobbies. For front of house areas the requirements are usually for aesthetically pleasing designs that blend with the décor and are silent in operation. For these installations sticky board traps designed as wall sconces or uplighters are an ideal choice.

**COMMERCIAL**

Commercial installations are usually small, medium and large retailers and kitchens. They are often places where food is being prepared or where open food is displayed. For hygiene and aesthetic reasons stainless steel construction is often specified. These demanding areas usually require large and powerful fly killers. Many installations are in public view so the design may still require aesthetically pleasing machines. Often a mixture of units that look like commercial equipment and units with discretion covers fitted are used.

**INDUSTRIAL**

Industrial installations are usually factories and warehouses with large areas that need to be protected. Industrial fly killers are typically quite large and powerful industrial-looking units. These units can offer protection for areas up to 500m² with just one unit.

For a PestWest solution to all your flying insect control needs, refer to the model selection guide below.

<table>
<thead>
<tr>
<th></th>
<th>Titan Alpha</th>
<th>Titan 300</th>
<th>Nemesis Quattro</th>
<th>Nemesis Quattro IP</th>
<th>Sunburst / Naturale</th>
<th>Mirage PRO V5</th>
<th>On Top Pro</th>
<th>Cham 1x2</th>
<th>Cham 1x2 Discretion</th>
<th>Cham 1x2 IP</th>
<th>Cham 2x2</th>
<th>Cham Vega</th>
<th>Cham 4x4</th>
<th>Cham 4x4 EX</th>
<th>Cham BIG</th>
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<tr>
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<td>Dry and Clean</td>
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<td>Damp, steam-cleaned, hosed down</td>
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</tr>
<tr>
<td>Area of Coverage m²</td>
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<td>480/240</td>
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<tr>
<td>Electronic Fly Killer</td>
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</tr>
</tbody>
</table>

N.B.: the stainless steel versions of the Chameleon 1x2, 2x2 & Vega are suitable for areas with moderate levels of humidity and corrosive substances.
### Fly Identification

<table>
<thead>
<tr>
<th>Insect Type</th>
<th>Scientific Name</th>
<th>Features</th>
<th>Control</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lesser Housefly</td>
<td><em>Fannia canicularis</em></td>
<td>Grey thorax with three indistinct longitudinal stripes. Abdomen has extensive area of yellow at base.</td>
<td>PestWest sticky traps and fly killers are effective at controlling the lesser housefly.</td>
</tr>
<tr>
<td>Mosquitoes</td>
<td><em>Culex spp.</em></td>
<td>Slender, long-legged insect with forward-pointing, piercing and sucking mouthparts. Wingspan 7-15mm.</td>
<td>PestWest units can be effective at catching mosquitoes.</td>
</tr>
<tr>
<td>Blowfly</td>
<td><em>Calliphora spp.</em></td>
<td>Thorax and abdomen black/blue in colour and often with a metallic appearance. Wingspan 18-20mm.</td>
<td>All PestWest fly killers are a very effective step in controlling these pests.</td>
</tr>
<tr>
<td>Wasp</td>
<td><em>Vespula spp.</em></td>
<td>Black head and thorax, black and yellow patterning on abdomen.</td>
<td>PestWest sticky traps and electronic fly killers are particularly effective at attracting and controlling wasps.</td>
</tr>
<tr>
<td>Cluster Fly</td>
<td><em>Pollenia rudis</em></td>
<td>Large flies, wingspan up to 20mm. Thorax distinctive dark grey/olive colour covered in golden hairs.</td>
<td>Areas where flies congregate should be treated with residual insecticide. PestWest fly killers are a very effective step in controlling cluster flies.</td>
</tr>
<tr>
<td>Scuttle Fly/Phorid Fly</td>
<td><em>Megaselia spp.</em></td>
<td>Thorax dark brown/tan with distinctive humped appearance.</td>
<td>Chameleon® sticky traps and electronic fly killers are extremely effective at attracting and controlling these pests.</td>
</tr>
<tr>
<td>Mushroom/Fungus Fly</td>
<td><em>Sciara thomae</em></td>
<td>Small insects, wingspan 14-15mm. Black head, thorax and abdomen. Thorax has humped appearance.</td>
<td>Chameleon® sticky traps are a very effective step in controlling mushroom flies.</td>
</tr>
<tr>
<td>Biting Midge</td>
<td><em>Culicoides spp.</em></td>
<td>Dark brown/black in colour. Wingspan 3-4mm. Will swarm in large numbers and inflict bites.</td>
<td>Insect repellents should be used when outdoors to prevent bites. Chameleon® sticky traps will attract and control midges.</td>
</tr>
<tr>
<td>Fruit Fly</td>
<td><em>Drosophila spp.</em></td>
<td>Small yellowish brown with darkly striped abdomen. Prominent red eyes.</td>
<td>Chameleon® sticky traps are extremely effective at controlling these smaller insects.</td>
</tr>
<tr>
<td>Common Housefly</td>
<td><em>Musca domestica</em></td>
<td>Thorax grey with four longitudinal dark stripes. Sides of abdomen are yellowish and may be transparent. A dark band covers the final abdomen segments.</td>
<td>PestWest fly killers and sticky traps will effectively control houseflies.</td>
</tr>
</tbody>
</table>