

## About Us

Supporting you with a comprehensive range of professional flying insect control units.

Innovation, quality and power are key components in all our units. Combining excellent value with expertise from technicians and leading biologists, PestWest offer a diverse range of flying insect control units.

By merging science with technology, PestWest units are designed to the highest specification whilst always keeping the ease of maintenance 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. Additionally, flyDetect® from PestWest won the Best New Product Award 2020 at The Society of Food Hygiene and Technology Virtual Awards Ceremony and the Made in Yorkshire Award in July 2021.

OPERATING AND SUPPLYING TO SATISFIED CUSTOMERS WORLDWIDE





# Quality Products

Our high-quality flying insect control products are the preferred choice for many of the world's best 5-star resorts and hotels, franchised food outlets, hospitals, kitchens, supermarkets, food, packaging and pharmaceutical plants.

- We strive to continue our research and development, manufacturing new and improved products and delivering tangible benefits to public health, the environment and the community through the control of pests, diseases and infection.
- We provide the most cost-effective and environmentally responsible pest control solutions on the market.
- Each professional unit is fitted with environmentally responsible pestwest quantum® shatterproof tubes.

ALL PESTWEST UNITS ARE CE AND UKCA MARKED AND CARRY THE REQUIRED IEC INTERNATIONAL APPROVALS.

ALL MODELS COME WITH A 3-YEAR GUARANTEE (EXCLUDING CONSUMABLES).

ALL PROFESSIONAL UNITS USE STEEL & STAINLESS STEEL CONSTRUCTIONS, LIMITING THE USE OF PLASTIC TO A MINIMUM.



Please don't hesitate to contact us for more information on our people, products or organisation.

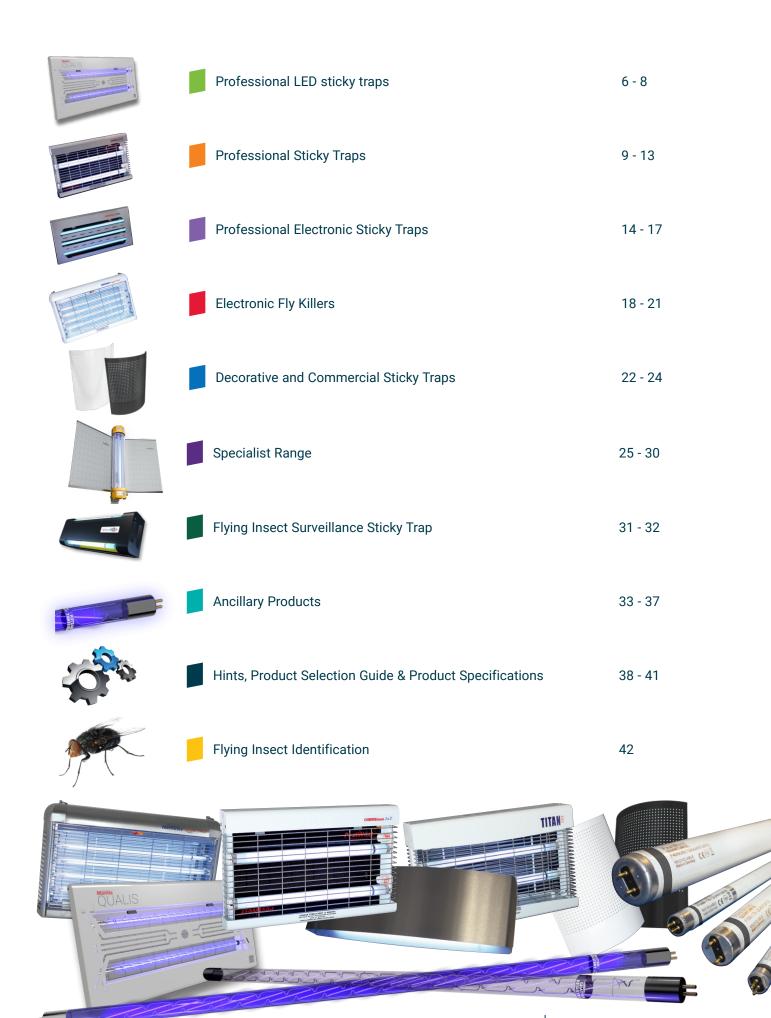
- We pride ourselves on fast, reliable and efficient delivery of our products through most countries worldwide.
- We have a comprehensive, easy-to-use website providing detailed product descriptions and information about our company.
- To purchase one of our high quality products please contact us directly or one of our many partners.



We pride ourselves on our quality service and efficient management. Our British production site has an ISO 9001 certified Quality Management System.

- We have a dedicated management, sales and production team servicing many valued distributors and customers throughout the world.
- Our management ethos is simple: uncompromising first-class service, quality products and quality design.











With its clean and modern design, the Chameleon® Qualis offers a whole new level of energy-efficient, sustainable fly control.

It is predominantly destined for the food and packaging industries, and commercial kitchens.

This unit is fitted with next generation Quantum X LED filament tubes, coated with FEP shatter-resistant coating as standard, to allow for usage in glass exclusion zones.

The main advantages of the Quantum X LED filament tube technology are the extended pattern of light distribution and the improved energy efficiency.

The Chameleon Qualis is available with a white coated steel or 304 food grade stainless steel chassis.

# Chameleon QUALIS

#### **DIMENSIONS:**

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

#### **WEIGHT:**

3.1kg

#### **COVERAGE:**

Wall mounted: 90-120m<sup>2</sup>

#### FINISH:





Stainless Steel

#### **TUBE DATA:**

- 2x Quantum X LED tubes
- · Shatterproof coating with industry compliant FEP
- · Powered by a state of the art LED driver



Confidence in **Fly Control** 

pestWest

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The Chameleon® Sirius X is the next generation fly control unit for sophisticated front-of-house use. Sticking to the clean and futuristic design of the Chameleon® Sirius, it will continue to blend in seamlessly into any restaurant, café or hotel.

Fitted with two Quantum X shatterproof tubes and the dedicated LED range glue board, the appealing unit helps to save energy and contributes to the wider mission of sustainability. Additionally, each centrally dividable replacement glue board gives two usages.

The Sirius X offers dual wall mounting options, either horizontally or vertically.

# Chameleon SURVIVIONIS DIMENSIONS

H: 19cm W: 58cm D: 12cm

#### **WEIGHT**

3.1kg

#### **COVERAGE**

Wall mounted: 50-60m<sup>2</sup>

#### **FINISH**





Stainless Steel

#### **TUBE DATA**

- 2x Quantum X LED tubes
- · Shatterproof coating with industry compliant FEP
- · Powered by a state of the art LED driver





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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.

Chameleon® 1x2 units are ultra-slim, easy to maintain, and only require a periodical change of glue boards and an annual tube replacement to keep optimum performance.

With the Chameleon® 1x2, insects are caught cleanly and safely onto the glue board. No noise, no smell, no problem. This allows the equipment to be placed closer to sensitive areas.

Chameleon® units from this range use interchangeable tubes and sticky boards to minimise stocking requirements.

# Chameleon 1x2

#### **DIMENSIONS**

H: 30cm W: 47.5cm D: 6.5cm

#### **WEIGHT**

4.3kg

#### **COVERAGE**

Wall mounted / Freestanding: 90m<sup>2</sup>

#### **FINISH**

White

Stainless Steel

#### **TUBE DATA**

- 2 x 15-Watt PestWest Quantum® tubes
- · Shatterproof coating with industry compliant FEP
- · Reflectobakt® technology





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.

This Chameleon® 1x2 Discretion offers very similar features as the standard 1x2, but with added discretion.

#### **DIMENSIONS**

H: 30cm W: 47.5cm D: 6.5cm

#### WEIGHT

4.3kg

#### **COVERAGE**

Wall mounted / Freestanding: 70m<sup>2</sup>

#### **FINISH**



White



Stainless Steel

#### **TUBE DATA**

- 2 x 15-Watt PestWest Quantum® tubes
- · Shatterproof coating with industry compliant FEP
- · Reflectobakt® technology





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

Populations of smaller flies are on the increase, putting jobs and reputations on the line. The double sided Chameleon® 2x2 protects large open areas and catches all sizes of flies, especially the smaller ones that may be missed by traditional units.

Chameleon® units from this range use interchangeable tubes and sticky boards to minimise stocking requirements.

# Chameleon 2x2

#### **DIMENSIONS**

H: 30cm W: 49.5cm D: 13cm

#### **WEIGHT**

6kg

#### **COVERAGE**

Ceiling-suspended / Freestanding: 180m<sup>2</sup>

#### **FINISH**

White

Stainless Steel

#### **TUBE DATA**

- 4 x 15-Watt PestWest Quantum® tubes
- · Shatterproof coating with industry compliant FEP
- Reflectobakt® technology





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.

Disguised as a wall sconce, the Chameleon® Uplight is easily mounted on the wall for years of reliable service. The front cover can be painted or decorated to match existing decor.

# **Chameleon** Uplight

#### **DIMENSIONS**

H: 21cm W: 47cm D: 17cm

#### **WEIGHT**

3.7kg

#### **COVERAGE**

Wall mounted: 40m<sup>2</sup>

#### **FINISH**

White

Silver

Magnolia

#### **TUBE DATA**

- 1 x 15-Watt PestWest Quantum® tube
- · Shatterproof coating with industry compliant FEP







The Chameleon® Vega is powerful, stylish and economical. Its elegant and ultra-slim design, combined with an all stainless steel or white all metal construction will suit most environments.

It features 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 fluorescent tubes, which offers improved UVA performance as well as a reduction in glass content.

# Chameleon VEGA

#### **DIMENSIONS**

H: 30cm W: 57cm D: 4cm

#### **WEIGHT**

3.2kg

#### **COVERAGE**

Wall mounted: 150m<sup>2</sup>

#### **FINISH**





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





The Chameleon® Sirius is a sophisticated unit designed for front-of-house use. With its clean curves, a choice of finish and dual wall mounting options, it fits seamlessly into any restaurant, café or hotel.

It features unique UVA tubes powered by an electronic ballast to deliver professional and environmentally responsible fly control.

# **Chameleon** Sırıus

#### **DIMENSIONS**

H: 19cm W: 58cm D: 12cm

#### **WEIGHT**

3.1kg

#### **COVERAGE**

Wall mounted: 60m<sup>2</sup>

#### **FINISH**

White

Stainless Steel



Black

#### **TUBE DATA**

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





Innovative, discreet and stylish fly traps; these unique overhead designs fit discreetly and easily into new or existing suspendedceilings.

Ideal for convenience stores, supermarkets and areas where space limitations may have previously made situating a standard unit difficult. The patented design avoids the possibility of fly fall-out and will efficiently control infestations in public spaces.

The ON-TOP PRO2 features a pivotable curved stainless steel front holding a standard PestWest sticky board, whilst the ON-TOP PRO matches the tile pattern of ceilings with its square cover holding two sticky boards.

# ON-TOPPROP

#### **DIMENSIONS**

OTP: H: 59cm W: 59cm D: 15cm OTP2: H: 59cm W: 59cm D: 7cm

#### **WEIGHT**

6kg

#### **COVERAGE**

Ceiling fitted: 50m<sup>2</sup>

#### **FINISH**

Zintec steel body with white painted aluminium cover tray

Zintec steel body with stainless steel cover tray

#### **TUBE DATA**

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







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 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: 240m<sup>2</sup> / Ceiling-suspended: 480m<sup>2</sup>

#### **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





With a wrap-around chrome guard giving 360° protection, this all-metal unit offers outstanding fly control performance durably.

- · High performance transformer.
- Multiple mounting options.
- Easy and fast to service without the need for tools.
- Removable spring-loaded killing grid for thorough cleaning.
- The Titan 300 is ideal for larger outlets and all commercial uses. It can cope with heavy fly infestations and 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: 90m<sup>2</sup> / Ceiling-suspended - Freestanding: 180m<sup>2</sup>

#### **FINISH**





Stainless Steel

#### **TUBE DATA**

- 2 x 15-Watt PestWest Quantum® tubes
- · Shatterproof coating with industry compliant FEP





# A powerful, economical & compact unit with two 15-watt Quantum® T5 tubes.

- Multiple mounting options.
- Easy and fast to service without the need for tools.
- The Titan Alpha is ideal for shops, take-aways and smaller commercial outlets.

#### **DIMENSIONS**

H: 30.5cm W: 35cm D: 15cm

#### **WEIGHT**

4kg

#### **COVERAGE**

Wall mounted: 80m<sup>2</sup> / Ceiling-suspended - Freestanding: 160m<sup>2</sup>

#### **FINISH**



#### **TUBE DATA**

White

• 2 x 15-Watt 12" long PestWest Quantum® tubes







Designed for front-of-house areas where fly control should be hidden from view, the elegant and decorative design of the Sunburst® conceals the glue board and the insects caught.

Discreet, stylish and environmentally responsible, the Sunburst is ideal for hotels, restaurants, bars, and retail shops. These all metal units can be placed on a tabletop or mounted on the wall.

#### **DIMENSIONS**

H: 31cm W: 23cm D: 10cm

#### **WEIGHT**

2kg

#### **COVERAGE**

Wall mounted / Freestanding: 35m<sup>2</sup>

#### **FINISH**

White Silver-grey Black

#### **TUBE DATA**

- 1 x 20-Watt BL compact tube
- Integrated electronic ballast





The Sunburst® TAB is the latest addition to the Sunburst range. It is destined for catering outlets in both front and back-of-house areas thanks to its concealed fly catch behind a stainless steel, black or white cover.

Versatile, it can be wall-mounted vertically and horizontally or suspended from the ceiling. A high quality 24 Watt compact tube powered by an electronic ballast and backed by an aluminium reflector ensures optimum fly control and reduced electricity costs.

#### **DIMENSIONS**

H: 25.5cm W: 42.5cm D: 10cm

#### **WEIGHT**

1.2kg

#### **COVERAGE**

Wall mounted/ Ceiling-suspended: 50m²

#### **FINISH**

Black

k

Stainless Steel

White

#### **TUBE DATA**

- 1 x 24 Watt Compact tube
- Powered by an electronic ballast







The new Chameleon® EXG X LED is fully ATEX certified allowing its installation in zones where there is a risk of explosion due to a high concentration of gas or dust in the atmosphere such as: distilleries, sugar refineries, and in the pharmaceutical and petrochemical industries.

The Chameleon® EXG X is designed 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 aluminum alloy. It is designed for use in ATEX zones 2, 1, 22 and 21.

Fitted with two Quantum® X shatterproof tubes, backed by a polished aluminum reflector and two large specially formulated LED glue boards.

#### **DIMENSIONS**

H: 81.5cm W: 94cm D: 18cm

#### **WEIGHT**

10kg

#### COVERAGE

Wall mounted: 110-130m<sup>2</sup>

#### **FINISH**

Stainless Steel and Aluminum alloy

#### **TUBE DATA**

- 2x Quantum X LED tubes
- Shatterproof coating with industry compliant FEP
- Powered by a state of the art LED driver





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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 easy lateral insertion and withdrawal of boards facilitate servicing.

## 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 doublesided board.

# Chameleon 4x4EX

#### **DIMENSIONS**

H: 61.5cm W: 63.5cm D: 16.5cm

#### **WEIGHT**

Chameleon® 4x4: 11.75kg - Chameleon® 4x4EX: 15.5kg

#### **COVERAGE**

Ceiling-suspended: 440m<sup>2</sup>

#### **FINISH**

Chameleon® 4x4 White



Chameleon® 4x4EX Stainless Steel

#### **TUBE DATA**

- 4 x 40-Watt PestWest Quantum<sup>®</sup> tubes
- · Shatterproof coating with industry compliant FEP
- · Reflectobakt® technology
- · Powered by an electronic ballast





Easy to install and with low running costs this weatherproof design is perfect for the agricultural market and notably in farms with livestock.

The Titan 200 IP is robust and powerful with a metal casing and a quality industrial transformer that will efficiently eradicate flying insects for years. Its servicing is quick with easy access to the catch-tray and the highly powerful 20 Watt compact UV tube.

Splash-proof rated to IPX4 suitable for farm conditions. All-around and environmentally responsible insect attraction with no pesticide and no risk of chemical resistance.

#### **WEIGHT**

5kg

#### COVERAGE

Suspended / Freestanding: 160m<sup>2</sup>

#### **FINISH**



Black

#### **TUBE DATA**

- 1 x 20-Watt BL compact tube
- · Integrated electronic ballast







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 high efficiency UVA fluorescent 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 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.

#### **DIMENSIONS**

H: 42cm W: 65cm D: 18cm

#### **WEIGHT**

12kg

#### **COVERAGE**

Wall mounted: 240m<sup>2</sup> / Ceiling-suspended: 480m<sup>2</sup>

#### **FINISH**



Stainless Steel

#### **TUBE DATA**

- 4 x 14-watt T5 PestWest Quantum® tubes
- Shatterproof coating with industry compliant FEP
- Powered by an electronic ballast





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.

#### **DIMENSIONS**

H: 31cm W: 50cm D: 10cm

#### **WEIGHT**

6kg

#### **COVERAGE**

Wall mounted: 90m<sup>2</sup>

#### **FINISH**



Stainless Steel

#### **TUBE DATA**

- 2 x 15-Watt PestWest Quantum® tubes
- · Shatterproof coating with industry compliant FEP
- · Reflectobakt® technology





flyDetect® from PestWest®, the industry leader in online flying insect monitoring.

- 24/7 remote monitoring system.
- · Immediate notification of emerging pest infestations.
- · Customisable alert levels.
- Built-in high resolution camera captures the entire sticky board.
- · Set up and monitor multiple clients.
- The trapped flying insect population is quantified and archived together with a temperature and humidity reading, alongside each sticky board image.
- Scheduled UV-A tube and sticky board change notifications.
- · Multiple connectivity options (Wifi, Ethernet and Cellular).
- The flyDetect® app is available on multiple platforms (smartphones and computers).

#### **DIMENSIONS**

H: 22cm W: 59.5cm D: 15cm

#### WEIGHT

4.5kg

#### **COVERAGE**

Wall mounted/ Ceiling-suspended: 70m2

#### FINISH

Black

#### **TUBE DATA**

- · 2 x 15-Watt PestWest Quantum® tubes
- · Shatterproof coating with industry compliant FEP
- · Powered by an electronic ballast





# Flying insect control meets remote monitoring





flyDetect<sup>®</sup> is a unique remote monitoring system with a built-in camera linked to a dedicated online web & mobile app.

Now you can view all your flyDetect® traps without even being on site!

The wide-angle camera on the trap captures images of the entire sticky board, delivering full assessments in real time to wherever you are.

The permanent 24/7 monitoring system is constantly working for you, alerting you only when necessary.

Real-time proactive fly control with automatic reporting and archiving!

SOFHT joint winner for the Best New Product Award 2020 and made in Yorkshire Award in 2021.

flyDetect®: designed to save you time and money!











# 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 program, this comprehensive range includes Grey or Yellow monitoring boards with a 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

#### Dedicated boards

Due to the fact that UV LED light is much cooler than traditional UV fluorescent light, a specifically formulated adhesive coating is required to achieve optimised performance: Within traditional UV fly traps, the UV fluorescent tubes generate heat, so that the adhesive on the board gets 'sticky' enough to retain insects, but not too fluid, because otherwise it would literally run off the sticky board. Meanwhile, the heat generated by UV LED tubes is too insignificant to repeat the same process, which is why PestWest has done extensive research in order to create a dedicated sticky board, optimised to work with LED technology and the Quantum X range in particular.

To achieve maximum efficacy, it is vital that only the dedicated PestWest LED sticky board is used for all PestWest LED models!





# Why choose PestWest Quantum® UVA shatterproof tubes for your fly control units?

UV tubes are at the heart of a fly killer. Their quality dictates the attractiveness of the unit to flying insects and therefore its effectiveness. Don't compromise your reputation with low quality shatterproof tubes!

# PestWest Quantum® UV shatterproof linear tubes offer:

- 100% European technology
- Higher and more durable UV attraction power
- Fluorescent tubes engineered and manufactured in Germany
- Industry compliant FEP shatterproof coating:5% UVA light loss maximum and glass retention

under impact to EN 61549

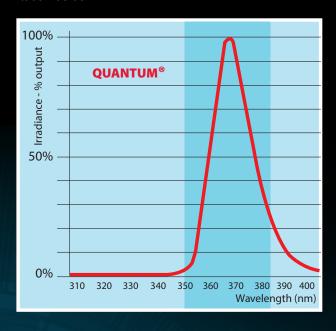
- Original large diameter 20 and 40 Watt tubes available (T12)
- Tried and trusted brand





#### **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

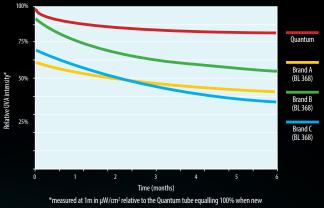
Quantum tubes meet the most environmentally responsible standards and comply with the requirements of the Restriction of Hazardous Substances (RoHS) directive, under which the manufacture of BL350 tubes has been banned in Europe for environmental reasons. Quantum® tubes are manufactured to the highest 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.

#### Degradation of UVA output with time



The study on the UVA light output above compares the PestWest Quantum tubes against several popular generic BL368 UVA tube brands.

#### Maximum safety with FEP shatterproof coating

Not all shatterproof coatings are the same because their quality depends on the material used.

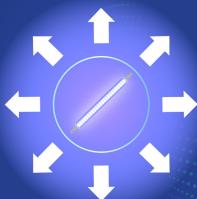
PestWest Quantum shatterproof tubes are coated with a high quality FEP shatterproof coating which has an excellent UVA transmission of around 95%.

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 EN 61549 for shatterproof tube coatings.



# Quantum® X - Revolutionary Lighting Technology Find us on: Twitter Facebook Linkedin Linkedin Authority Linkedin Authority Linkedin Authority Authority

360° UV BEAM Quantum® X filament LED







- No mercury
- Environmentally sustainable
- FEP shatterproof coated
- Future-proof

#### **ENERGY SAVINGS**

Comparison of power consumption in Watts

End of the Comparison of power consumption in Watts

Comparison of power consumption in Watts

End of the Comparison of power consumption in Watts

Comparison of power consumption in Watts

Comparison of power consumption in Watts

End of the Comparison of power consumption in Watts

Comparison of power consumption in Watt

tube technology and 35% less compared with most

existing LED models.

#### Why is Quantum® X different?

- Unrivalled distribution of UVA LED light significantly improving flying insect control.
- Minimal energy consumption without any dimming typically over 35% less than other LED technologies.
- Lower environmental impact: zero mercury content & 3-year tube lifespan.

#### A unique design, lightyears ahead of the rest

- No dazzling UV spots as with traditional LED chip technology used by other manufacturers. These can be uncomfortable for people and too intense for attracting flies.
- Unique Helium LED cooling gas for maximum reliability and longer lasting performance.
- Shatterproof coating containing all elements in the event of a breakage.

#### **UV fly killers**

- To maintain maximum effectiveness, fluorescent tubes should be changed at least every 12 months, preferably at the onset of warmer weather.
- Quantum® tubes are recommended, as their effective lifespan is longer than most other tubes, which reduces the amount of maintenance required.
- If the unit requires starters, replace them at the same time that you change the tubes.

#### Additionally for UV sticky traps

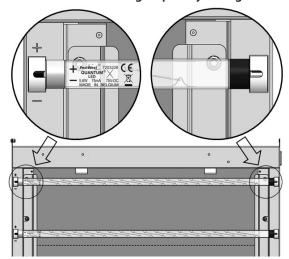
- Use Reflectobakt® sleeves to maintain optimum fly control performance particularly when the glue board and the fluorescent tubes are placed close together.
- Replace the sticky boards at least every 2 months to ensure maximum efficacy.

#### **Additionally for EFKs**

- Use a grid tester to test the killing grid 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.

#### Quantum® X LED UV fly control units

The Quantum® X UV LED tubes have a life span of 3 years. Switch off the machine before servicing. It must be noted that LED tubes are nothing like fluorescent tubes, failure to disconnect the unit from power when removing or inserting a tube is likely to permanently damage the LEDs. This will result in the LED tube being irreparably damaged.



- When fitting the LED tubes ensure the silver end cap is fitted into the left-hand side (LHS) tube holders, with the + & – symbols correctly aligned.
- The black non voltage end cap should be fitted into the right-hand side (RHS) tube holders.
- The LED tubes will not operate in any other configuration.
- The unit will only operate with Quantum X LED 370nm 550mm T5 tubes.

# 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 UV fly control units. 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. The recommended units are typically sticky board models with powerful and visible from view UV tubes for greater insect attraction. Units should be easy to service and clean, with smooth surfaces and few potential dirt traps. Stainless steel options are often preferred.

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

	Titan Alpha	Titan 300	Nemesis Quattro	Titan 200 IP	Nemesis Quattro IP	Uplight	Sunburst / Naturale	Sunburst TAB	Chameleon Sirius	ON TOP PRO	Chameleon 1x2	Chameleon 1x2 Discretion	Chameleon 1x2 IP	Chameleon 2x2	Chameleon Vega	Chameleon 4x4	Chameleon 4x4 EX	Chameleon EXG X	flyDetect®	Chameleon Qualis	Chameleon Sirius X
Front of House						✓	✓	<b>✓</b>	<b>✓</b>	✓		<b>✓</b>			✓						✓
Commercial	✓	✓	✓	✓				✓			✓	✓	✓	✓	✓				✓	✓	
Industrial			✓	✓	<b>✓</b>						✓		✓	✓	✓	✓	✓	✓	✓	✓	
Dry and Clean	✓	✓	✓			✓	✓	✓	✓	✓	✓	✓		✓	✓	✓			✓	✓	<b>✓</b>
Damp, steam-cleaned, hosed down				$\checkmark$	✓								✓				✓	✓			
Risk of explosion (ATEX)																	<b>√</b>	<b>√</b>			
Shatterproof Tubes		<b>√</b>	✓		✓	✓			✓	✓	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>	✓	✓
Wall Mounting	<b>√</b>	✓	✓		<b>✓</b>	✓	✓	<b>√</b>	✓		<b>√</b>	<b>√</b>	<b>√</b>		✓			<b>✓</b>	✓	✓	✓
Ceiling Suspension	<b>√</b>	✓	✓	✓	<b>✓</b>			<b>√</b>		✓				✓		<b>√</b>	✓		✓		
Free Standing	✓	✓	✓	✓			✓				✓	✓									
Area of Coverage m <sup>2</sup>	160/80	180/90	480/240	160	480/240	40	35	50	60	50	90	70	90	180	150	440	440	110-130		90-120	50-60
Electronic Ballast			✓	✓	✓		✓	✓	✓	✓					✓	✓	✓		✓		
CE mark	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	<b>√</b>	✓	✓	✓
EN 60335-2-59 & 60335-1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	<b>✓</b>	✓	✓	✓
Sticky Board Fly Trap						✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Electronic Fly Killer	✓	✓	✓	✓	✓																

N.B.: the stainless steel versions of the Titan 300, Chameleon 1x2, 2x2, Vega & Qualis are suitable for areas with moderate levels of humidity and corrosive substances.

#### PROFESSIONAL LED STICKY TRAPS

Chameleon® Qualis	E LED STICKT TIKK! S	page 7
Chameleon Quans		page /
্তমে হ	Power Consumption	13.5 Watt
	Tube Data - PestWest Quantum® X shatterproof LED	2x 5.6 Watt LED 21" / 55cm long/T5
	Starters (in series type)	None
OUALS TO THE REST OF THE REST	Coverage area Wall mounted	90-120m <sup>2</sup>
	Coverage area Ceiling-suspended	n/a
	Dimensions H x W x D	30cm x 57,5cm x 4cm
	Weight	3.1kg

Chameleon® Sirius X			page 8
	Power Consumption	13.5 Watt	
	Tube Data - PestWest Quantum® X shatterproof LED	2x 5.6 Watt LED 21"/ 55cm long/T5	
	Starters (in series type)	None	
	Coverage area Wall mounted	50-60m <sup>2</sup>	
	Coverage area Ceiling-suspended	n/a	
	Dimensions H x W x D	19 x 58 x 12cm	
	Weight	3.1kg	

	Weight	3.1kg
<b>PROFESSION</b>	AL STICKY TRAPS	
Chameleon® 1x2		page 10
	Power Consumption	45 Watt
	Tube Data - PestWest Quantum® BL	2 x 15 Watt shatterproof 18" / 45cm long / T8
	Starters (in series type)	2 x FS22 or S2
	Coverage area Wall mounted	90m² freestanding bracket available
	Coverage area Ceiling-suspended	n/a
-3	Dimensions H x W x D	30 x 47.5 x 6.5cm
	Weight	4.3kg
Chameleon® 1x2 Discretio	n	page 11
	Power Consumption	45 Watt
The state of the s	Tube Data - PestWest Quantum® BL	2 x 15 Watt shatterproof 18" / 45cm long / T8
	Starters (in series type)	2 x FS22 or S2
	Coverage area Wall mounted	70m² freestanding bracket available
	Coverage area Ceiling-suspended	n/a
13	Dimensions H x W x D	30 x 47.5 x 6.5cm
	Weight	4.3kg
Chameleon °2x2		page 12
	Power Consumption	80 Watt
	Tube Data - PestWest Quantum® BL	4 x 15 Watt shatterproof 18" / 45cm long / T8
	Starters (in series type)	4 x FS22 or S2
	Coverage area Wall mounted	n/a
	Coverage area Ceiling-suspended	180m²
	Dimensions H x W x D	30 x 49.5 x 13cm
	Weight	6kg
Chameleon® Uplight		page 13
	Power Consumption	25 Watt
	Tube Data - PestWest Quantum® BL	1 x 15 Watt shatterproof 18" / 45cm long / T8

1 x FS22 or S2

21 x 47 x 17cm

3.7kg

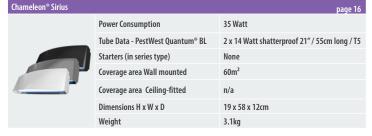
Starters (in series type)

Weight

Coverage area Wall mounted Coverage area Ceiling-suspended Dimensions H x W x D

#### PROFESSIONAL ELECTRONIC STICKY TRAPS

Chameleon® Vega		page 15
	Power Consumption	52 Watt
	Tube Data - PestWest Quantum® BL	3 x 14 Watt shatterproof 21" / 55cm long / T5
	Starters (in series type)	None
	Coverage area Wall mounted	150m²
	Coverage area Ceiling-suspended	n/a
~	Dimensions H x W x D	30 x 57 x 4cm
	Weight	3.2kg



ON-TOP PRO		page 17
	Power Consumption	35 Watt
4	Tube Data - PestWest Quantum® BL	2 x 14 Watt shatterproof 21" / 55cm long / T5
	Starters (in series type)	None
	Coverage area Wall mounted	n/a
	Coverage area Ceiling-fitted	50m <sup>2</sup>
	Dimensions H x W x D	59 x 59 x 15cm
	Weight	6kg

Power Consumption	35 Watt
Tube Data - PestWest Quantum® BL	2x 14 Watt shatterproof 21" / 55cm long / T5
Starters (in series type)	None
Coverage area Wall mounted	n/a
Coverage area Ceiling-fitted	50m <sup>2</sup>
Dimensions H x W x D	59 x 59 x 7cm
Weight	6kg

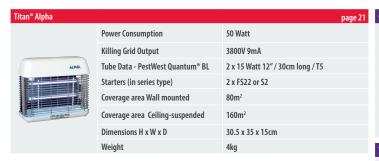
#### **ELECTRONIC FLY KILLERS (EFKS)**

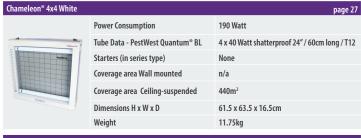
ON-TOP PRO 2

Nemesis® Quattro		page 19
	Power Consumption	66 Watt
	Killing Grid Output	4300V 6.5mA
	Tube Data - PestWest Quantum® BL	4 x 14 Watt shatterproof 21" / 55cm long / T5
	Starters (in series type)	None
	Coverage area Wall mounted	240m²
	Coverage area Ceiling-suspended	480m <sup>2</sup>
	Dimensions H x W x D	42 x 65 x 18cm
	Weight	12kg

IIIaii 500		page 20
	Power Consumption	50 Watt
TITAN	Killing Grid Output	3800V 9mA
	Tube Data - PestWest Quantum® BL	2 x 15 Watt shatterproof 18" / 45cm long / T8
THE PERSON NAMED IN COLUMN 1	Starters (in series type)	2 x FS22 or S2
	Coverage area Wall mounted	90m²
	Coverage area Ceiling-suspended	180m <sup>2</sup>
	Dimensions H x W x D	33 x 49.5 x 13.5cm
	Weight	7.5kg

#### Product Specifications





#### **DECORATIVE STICKY TRAPS**

Sunburst®		page 23
	Power Consumption	22 Watt
	Tube Data - BL 368nm	1 x 20 Watt compact
	Starters (in series type)	None
	Coverage area Wall mounted	35m²
	Coverage area Freestanding	35m²
	Dimensions H x W x D	31 x 23 x 10cm
	Weight	2kg
Sunburst® TAB		page 24

Titan® 200 IP		page 28
	Power Consumption	30 Watt
	Killing Grid Output	3500V 10mA
THE P	Tube Data - BL 368nm	1 x 20 Watt compact
	Starters (in series type)	None
	Coverage area Freestanding	160m²
	Coverage area Ceiling-suspended	160m <sup>2</sup>
	Dimensions H x W x D	47 x 30 x 30cm
	Weight	5kg



Nemesis® Quattro IP		page 29
	Power Consumption	66 Watt
	Killing Grid Output	4300V 6.5mA
	Tube Data - PestWest Quantum® BL	4 x 14 Watt shatterproof 21" / 55cm long / T5
	Starters (in series type)	None
	Coverage area Wall mounted	240m²
	Coverage area Ceiling-suspended	480m²
	Dimensions H x W x D	42 x 65 x 18cm
	Weight	12kg

#### **SPECIALIST RANGE**

JI ECINEIDI II/IIIGE						
Chameleon EXG X		page 26				
	Power Consumption	13.5 Watt				
	Tube Data - PestWest Quantum® X shatterproof LED	2x 5.6 Watt LED 21" / 55cm long/ T5				
	Starters (in series type)	None				
	Coverage area Wall mounted	110-130m <sup>2</sup>				
	Coverage area Ceiling-suspended	n/a				
	Dimensions H x W x D	81.5 x 94 x 18cm				
	Weight	10kg				

Chameleon® 1x2IP		page 30
	Power Consumption	45 Watt
	Tube Data - PestWest Quantum® BL	2 x 15 Watt shatterproof 18" / 45cm long / T8
	Starters (in series type)	2 x FS22 or S2
	Coverage area Wall mounted	90m²
	Coverage area Ceiling-suspended	n/a
	Dimensions H x W x D	31 x 50 x 10cm
	Weight	6kg

# Chameleon® 4x4EX Power Consumption 190 Watt Tube Data - PestWest Quantum® BL Starters (in series type) Coverage area Wall mounted Coverage area Ceiling-suspended Dimensions H x W x D Weight Power Consumption 190 Watt 4x 40 Watt shatterproof 24" / 60cm long / T12 None 4vome 440m² 61.5 x 63.5 x 16.5 cm

#### **FLYING INSECT SURVEILLANCE STICKY TRAP**

flyDetect®		page 31
	Power Consumption	40 Watt
	Tube Data - PestWest Quantum® BL	2 x 15 Watt shatterproof 18" / 45cm long / T8
	Starters (in series type)	None
	Coverage area Wall mounted	70m²
	Coverage area Ceiling-suspended	70m²
	Dimensions H x W x D	22 x 59.5 x 15cm
	Weight	4.5kg



# Flying insect identification



## Lesser Housefly Fannia canicularis

#### **Features**

Grey thorax with three indistinct longitudal stripes. Abdomen has extensive area of yellow at base.

#### Contro

PestWest sticky traps and fly killers are effective at controlling the lesser housefly.



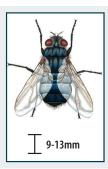
## Mosquitoes *Culex spp.*

#### **Features**

Slender, long-legged insect with forward-pointing, piercing and sucking mouthparts. Wingspan 7-15mm.

#### Control

PestWest units can be effective at catching mosquitoes.



# Blowfly *Calliphora spp.*

#### Features

Thorax and abdomen black/blue in colour and often with a metallic appearance. Wingspan 18-20mm.

#### Contro

All PestWest fly killers are a very effective step in controlling these pests.



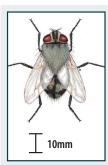
#### Wasp Vespula spp.

#### Features

Black head and thorax, black and yellow patterning on abdomen.

#### Control

PestWest sticky traps and electronic fly killers are particularly effective at attracting and controlling wasps.



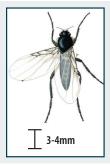
## Cluster Fly Pollenia rudis

#### Features

Large flies, wingspan up to 20mm. Thorax distinctive dark grey/olive colour covered in golden hairs.

#### Control

Areas where flies congregate should be treated with residual insecticide. PestWest fly killers are a very effective step in controlling cluster flies.



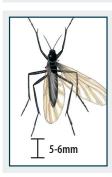
# Scuttle Fly/Phorid Fly *Megaselia spp.*

#### **Features**

Thorax dark brown/tan with distinctive humped appearance.

#### ontrol

Chameleon® sticky traps and electronic fly killers are extremely effective at attracting and controlling these pests.



# Mushroom/Fungus Fly Sciara thomae

#### Features

Small insects, wingspan 14-15mm. Black head, thorax and abdomen. Thorax has humped appearance.

#### Control

Chameleon® sticky traps are a very effective step in controlling mushroom flies.



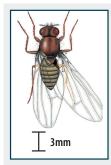
#### Biting Midge Culicoides spp.

#### Features

Dark brown/black in colour. Wingspan 3-4mm. Will swarm in large numbers and inflict bites.

#### Contro

Insect repellents should be used when outdoors to prevent bites. Chameleon  $^{\! \circ}$  sticky traps will attract and control midges.



# Fruit Fly Drosophila spp.

#### Features

Small yellowish brown with darkly striped abdomen. Prominent red eyes.

#### Contro

Chameleon® sticky traps are extremely effective at controlling these smaller insects.



#### Common Housefly Musca domestica

#### Features

Thorax grey with four longitudinal dark stripes. Sides of abdomen are yellowish and may be transparent. A dark band covers the final abdomen segments.

#### Control

PestWest fly killers and sticky traps will effectively control houseflies.













# Flying insect control meets remote monitoring

24/7 remote surveillance system | Real-time alerts and notifications | No more wasted callouts





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