



KADECO®

CONSERVATORY AWNINGS

HANDMADE IN GERMANY



WE MAKE AWNINGS BETTER

Straight conservatory awnings,
Model 510 A

HANDMADE
IN GERMANY

THE KADECO PRODUCT RANGE



Patio awnings



Freestanding awnings



Conservatory awnings



Vertical awnings

There are a number of factors to consider when it comes to selecting the perfect awning for your property; the location of the awning and your individual functional and aesthetic requirements must all be taken into account.

KADECO awnings are the best choice to meet all of these needs, combining performance and function with innovative design. High-quality manufacturing is a long-standing tradition at KADECO – the expert knowledge of our teams, the high-precision production processes at our Lübbecke factory and the high standards of customer satisfaction we strive to achieve are the basis for our promise to our customers and our commitment to our business.



Curved conservatory awnings,
Model 510 B

KADECO AWNINGS: MADE TO MEASURE AND UNIQUE

Laughing, eating and celebrating together. It is moments of happiness, big and small, that make life so precious. With these made-to-measure awnings from KADECO you can enjoy those moments out in the fresh air with minimum fuss - and make your patio your personal favourite place outdoors.

For more than 30 years, Kadeco has been protecting what you value and making it more beautiful: your own home and your privacy. With its roots in the interior design sector, the East Westphalian family company has established itself as one of the leading suppliers of indoor privacy, glare and sun protection. In 2006, the range was expanded to include erwilo awnings. In 2021, there follows the next chapter in the success story - with all of the products merging into one brand: KADECO. For indoors and outdoors. For pleated blinds and insect screens as well as for awnings.

HANDCRAFTED PRODUCTION

The KADECO family loves what it does, always having one goal in mind: to give you and your loved ones more pleasure, greater quality of life and greater comfort. To turn your dreams of a more beautiful home into reality, we combine perfect craftsmanship with extraordinary quality of materials. So that your awning gives you pleasure for as long as possible, we opt for high-quality materials such as powder-coated aluminium and stainless steel right down to the tiniest detail.

Thanks to this exceptional quality standard, we guarantee your awning will be extremely durable with a very long service life, which our special endurance tests demonstrate again and again.

UNIQUE FABRIC COLLECTIONS

At KADECO we know that the magic is in the detail - and that applies to the functionality of your awning just as much as its design. With the help of the huge choice of fabrics as well as exclusive colours and materials, you can achieve your personal style and create real visual accents. The lovingly curated and wonderful fabric collections from our creative team will inspire you with fine nuances of colour and a unique sense of your personal attitude to life. In order to transform your outdoor space into a long-lasting oasis of wellbeing, we use high-quality, specialist sewing threads for your individual awning fabric, which easily withstand any effects of the weather such as heat, sunlight, wind and rain.

MADE-TO-MEASURE SOLUTIONS FROM OUR OWN FABRIC PRODUCTION PLANT

THE KADECO SUN PROTECTION TEAM

With their outstanding technical skills and cutting-edge production processes, the team at KADECO produces premium sun protection systems. From production and powder coating through to made-to-measure awning fabrics, the high-precision work and incredible personal dedication of our team produces

top-quality products - time and time again. Our skilled quality assurance staff check everything we produce before it leaves our site. With decades of experience and premium-quality materials, each KADECO awning is a made-to-measure, HANDMADE IN GERMANY product.



Your sun protection delegates, Renate Gebauer and Mustafa Karakus, in the production department for our high-quality sun protection systems



„WE LOVE WHAT WE
DO - AND PROTECT
WHAT YOU VALUE.“

Ulf Kattelmann

Ulf Kattelmann,
Managing Partner at KADECO

WE LIVE AND BREATHE QUALITY

QUALITY BASED ON CONVICTION

KADECO awnings boast outstanding functionality and top-class design. Our made-to-measure solutions are manufactured with the greatest care.

OUR EXPERTISE AS MANUFACTURERS

Our success is down to our valued employees, some of whom have been producing awnings at KADECO for over 20 years. Their exceptional technical skills are the result of the many years spent honing their knowledge and building on their experience.

CUTTING-EDGE PRODUCTION PROCESSES

KADECO awnings are produced at our headquarters in East Westphalia, Germany. We continually invest in our facilities so that our factory is equipped with the latest production machinery, and to ensure that our processes and workmanship are of the very highest quality.

SAFETY



Our products are tested based on European standard DIN EN 13561 for wind resistance category 2 (WRC 2) and WRC 3 for ZIP vertical awnings. The CE label on our products confirms that they are made with the highest quality materials that satisfy the highest standards of functional safety.

MATERIAL

Our high-quality awnings always start with high-quality materials, such as die-forged arm joints and connectors in non-corroding stainless steel.

DURABILITY

All components satisfy the highest quality, safety and environmental standards. Powder-coated aluminium profiles provide reliable protection against wind and weather.

TECHNOLOGY

Comfort, safety and energy savings: these are the key aims of our sophisticated awning technology, including our Somfy wireless motor drives and our wind and sun sensors.

5 YEAR WARRANTY

**Full details of our warranty terms and conditions are available at www.kadeco.de*



A WORLD OF COLOUR

In addition to our standard colour range, you can also opt for your own choice of colour from the RAL palette. Match your awning to your home's façade or window frames.

FABRIC SELECTION

Our current collection is comprised of over 200 awning fabrics, from classic block and multi-stripes to single colours and technical fabrics with various levels of transparency and a range of technical features.

KADECO WARRANTY

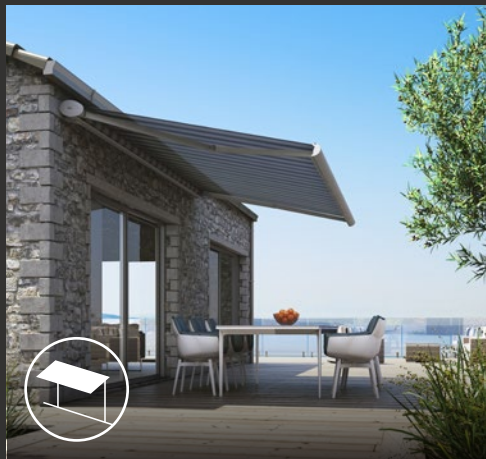
As a sign of our quality, we offer a five-year warranty on all KADECO awnings.

INNOVATION

Our independently managed family company is constantly developing its products to ensure that you benefit from cutting-edge technology and pioneering features. Wherever you are, you can control your awning from your laptop, iPad or smartphone via the IO home control system.



THE KADECO PRODUCT RANGE



PATIO AWNINGS



FREESTANDING AWNINGS



CONSERVATORY
AWNINGS



VERTICAL AWNINGS



*Made
for you*

CONSERVATORY AWNINGS

Conservatory awnings from KADECO provide optimum protection against the sun and keep the temperature inside your home lower, even in summer. Transform your conservatory into a space that you love to spend time in – all year round.



STRAIGHT SYSTEMS

A seamless fit: suitable for conservatories, glass roofs and patio roofs.



CURVED SYSTEMS

Curved systems are an ideal sun protection solution for custom conservatory structures.



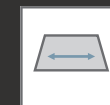
UNDER-GLASS AWNINGS

Perfect protection: designed for glass patio roofs.

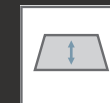
Curved conservatory awnings,
Model 510 B

A HOMELY
ATMOSPHERE –
ALL YEAR ROUND!

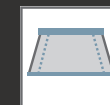
FEATURES AT A GLANCE



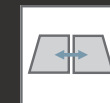
Maximum width of single system



Maximum projection



Recessed guide rails



Maximum width of combined system



Installation under roof



Installation on roof



Motor drives



Wireless controls



Available in special RAL colours as an option



Straight conservatory awnings,
Model 510 A

Curved conservatory awnings,
Model 510 B

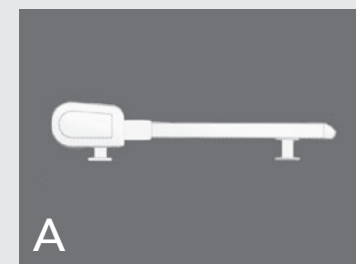
CONSERVATORY AWNING 510 A

STRAIGHT SYSTEM

A robust aluminium profile, strong spring units plus tear-proof and UV resistant belt webbing: the 510 A conservatory awning is a reliable solution for level or angled glass surfaces.

PRODUCT FEATURES

- + Optimum fabric tension
- + Guide tube from 350 cm fabric projection
- + High-quality aluminium profile
- + Easy installation
- + Low-noise drive
- + Virtually maintenance-free operation
- + Wide range of consoles for individual cassette and rail mountings
- + Somfy motor drive included
- + 5-year KADECO warranty

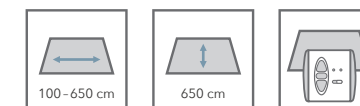


Straight guide rail



Sealed cassette

OPTIONAL



CONSERVATORY AWNING 510 B/C

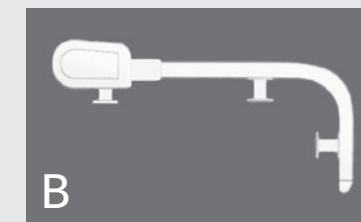
CURVED SYSTEM

Whether you need sun protection for a vertical, angled or level surface: our awnings with curved guide rails are the perfect solution even for more unconventional conservatory designs.

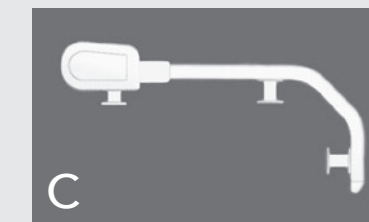


PRODUCT FEATURES

- + Optimum fabric tension
- + High-quality aluminium profile
- + Easy installation
- + Low-noise drive
- + Fabric guided over robust pulleys
- + Virtually maintenance-free operation
- + Can be combined with other systems
- + Somfy motor drive included
- + 5-year KADECO warranty

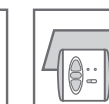
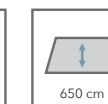
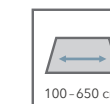


One segment of the guide rails is bent.



Multiple segments of the guide rails are bent.

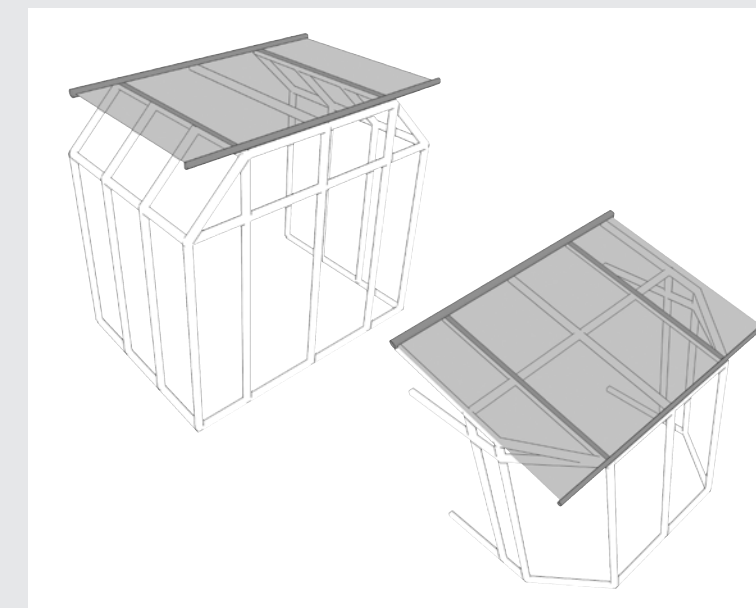
OPTIONAL



CONSERVATORY AWNING 510 EF

RECESSED GUIDE RAILS

The 510 EF with recessed guide rails is a reliable solution for hip roof constructions. The design ensures that the angled glass surfaces are also shaded from the sun.



PRODUCT FEATURES

- + Optimum fabric tension
- + Guide tube from 350 cm projection
- + High-quality aluminium profile
- + Easy installation
- + Low-noise drive
- + Virtually maintenance-free operation
- + Somfy motor drive included
- + 5-year KADECO warranty

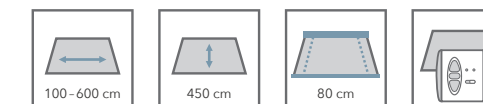


Sealed cassette



Rail with console

OPTIONAL



EXTERNALLY MOUNTED/UNDER-GLASS AWNING 520/525

ABOVE OR UNDER GLASS

One awning, two applications: either above or under a glass roof. Both versions are suitable for modern cold roof constructions and conservatories.

With a projection of 600 cm and a maximum width of 500 cm, the 520 can provide shade for large surface areas.

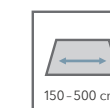
Installed underneath the glass, the 525 is protected against the weather even when fully extended.

PRODUCT FEATURES

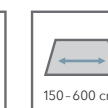
- + Generous dimensions even without fabric guide tube
- + Compact shape, modern design
- + Straightforward installation
- + Low number of fixing points to secure during installation
- + Somfy motor drive included
- + 5-year KADECO warranty



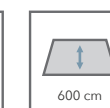
OPTIONAL



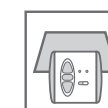
Model
520



Model
525



Model
520



Model
520



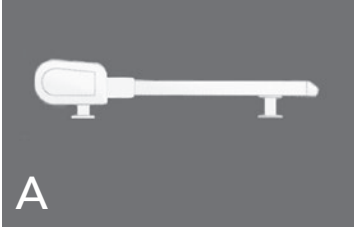
Model
525

KEY FEATURES AT A GLANCE

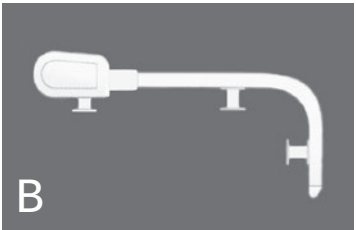
| MODEL | EXTERNALLY MOUNTED | | | | UNDER-GLASS AWNING | |
|--|--------------------|-------|-------|--------|--------------------|-----|
| | 510 A | 510 B | 510 C | 510 EF | 520 | 525 |
|  Minimum width (cm) | 100 | 100 | 100 | 100 | 150 | 150 |
| Maximum width (cm) | 650 | 650 | 650 | 600 | 500 | 600 |
| Maximum width, double shaft (cm) | 1000 | 1000 | 1000 | - | - | - |
|  Can be combined | + | + | + | - | - | - |
|  Maximum projection (cm) | 650 | 650 | 650 | 450 | 600 | 600 |
|  Protruding guide rail, maximum (cm) | 120 | 120 | 120 | 120 | 120 | - |
|  Recessed guide rail, maximum (cm) | - | - | - | 80 | - | - |
| Protective cover/cassette | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
|  Installation on roof | + | + | + | + | + | - |
|  Installation under roof | - | - | - | - | - | + |
|  Motor drives | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
|  Wireless controls | + | + | + | + | + | + |
|  Special RAL colours | + | + | + | + | + | + |

✓ Standard + Optional at additional cost - Not available

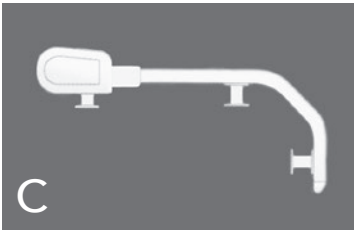
AWNING PROFILE



STRAIGHT DESIGN - CONSERVATORY AWNING 510 A
The guide rails are made from a stable oval-shaped aluminium profile with a groove in which the fabric is secured. The sealed cassette protects the fabric against the effects of the weather.



CURVED DESIGN - CONSERVATORY AWNING 510 B
One segment of the guide rails is bent. The high-quality polyamide pulleys and the stopper ensure that the projection profile runs extremely quietly.



CURVED DESIGN - CONSERVATORY AWNING 510 C
Two segments of the guide rails are bent. The high-quality polyamide pulleys and the stopper ensure that the projection profile runs extremely quietly.



RECESSED GUIDE RAILS - CONSERVATORY AWNING 510 EF
Recessed guide rails are an effective solution for conservatories with hip roofs. The design ensures that the angled glass surfaces are also shaded from the sun.



STRAIGHT DESIGN FOR INSTALLATION ABOVE OR UNDER GLASS - EXTERNALLY MOUNTED AWNINGS/UNDER-GLASS AWNING 520/525
The straight guide rails are made from a robust aluminium profile. The sealed cassette protects the fabric against the effects of the weather when installed above the glass.



COLOURS TO CREATE THE RIGHT ATMOSPHERE

The colour you select for your awning is an important part of the design aesthetic. But it also affects the climate on the patio under the awning, as well as the amount of shade and the degree of heat, sun and UV protection. This table shows you what effect your colour choice has on each of these factors.



| COLOUR | LUMINANCE | UV PROTECTION |
|------------|-----------|---------------|
| White | ★ ★ ★ ★ | ★ ★ |
| Beige | ★ ★ ★ | ★ ★ ★ |
| Yellow | ★ ★ ★ | ★ ★ ★ |
| Red | ★ ★ | ★ ★ ★ |
| Green | ★ ★ | ★ ★ ★ ★ |
| Dark green | ★ | ★ ★ ★ ★ |
| Blue | ★ ★ | ★ ★ ★ ★ |
| Dark blue | ★ | ★ ★ ★ ★ |
| Grey | ★ ★ | ★ ★ ★ |
| Black | ★ | ★ ★ ★ ★ |

★ Low ★★★★★ Very high

THE RIGHT AMOUNT OF SUN AND SHADE FOR YOUR SKIN

Awnings are a great way to protect yourself and your family against UV radiation. If your awning is made from an appropriate material, it will block the strongest UV rays.

The UV protection factor (UPF) indicates how much longer you can safely remain in the sun when protected by the awning compared to when you are directly exposed to sunlight.



The ultraviolet protection factor indicates how much UV protection the fabric provides. The UPF depends on the material and colour of the fabric.

| SKIN TYPE? | RESPONSE OF UNPRO- TECTED SKIN TO 30 MINUTES of exposure in June | SKIN'S NATURAL SELF-PROTEC- TION TIME in minutes | SELF-PROTECTION TIME UNDER AWNING WITH PROTECTION FACTOR IN MINUTES | | | |
|---|---|---|--|--------------|--------------|--------------|
| | | | | | | |
| 1 Skin: noticeably light, pale Freckles: dense Hair: reddish Eyes: green, blue and - in rare cases - brown | Always results in severe and painful sunburn, no tanning | 5 - 10 | 150 - 300 | 200 - 400 | 300 - 600 | 400 - 800 |
| 2 Skin: slightly darker than type 1 Freckles: a light sprinkling Hair: blond to brown Eyes: blue, green, grey | Usually results in severe and painful sunburn, no tanning | 10 - 20 | 300 - 600 | 400 - 800 | 600 - 1200 | 800 - 1600 |
| 3 Skin: light brown Freckles: none Hair: light brown, brown Eyes: grey, brown | Rarely results in sunburn/ results in moderate sunburn, good level of tanning | 20 - 30 | 600 - 900 | 800 - 1200 | 1200 - 1800 | 1600 - 2400 |
| 4 Skin: brown Freckles: none Hair: dark brown, black Eyes: dark | Hardly ever results in sunburn, quick and deep tanning | 45 approx. | 1350 approx. | 1800 approx. | 2700 approx. | 3600 approx. |
| 5 Skin: dark brown to black Freckles: none Hair: dark brown, black Eyes: dark | Hardly ever results in sunburn, quick and deep tanning | 60 - 90 | 1800 - 2700 | 2400 approx. | 3600 approx. | 4800 approx. |

THE KADECO FABRIC RANGE

Our extensive collection includes a variety of fabrics in attractive designs and colours. The material and colour you choose will affect the final transparency and look of your sun protection system. Consult your nearest specialist KADECO dealer for advice.



13540



12054



13542



12123



12577



15532



12108



12526

ACRYLIC - THE CLASSIC CHOICE

KADECO acrylic fabrics are woven in 100 % spun-dyed yarn.

During the production process, high-quality colour pigments are embedded directly into the fibres to create strong, vibrant fabric with textile properties.

Acrylic fabrics have been used in awnings for decades; they do not fade, and they are resistant to dirt and the effects of UV radiation.



13540



12054



13542



12123



13548



15524



12539



15534

POLYESTER & TECHNICAL FABRICS



POLYESTER - A STRONG FABRIC

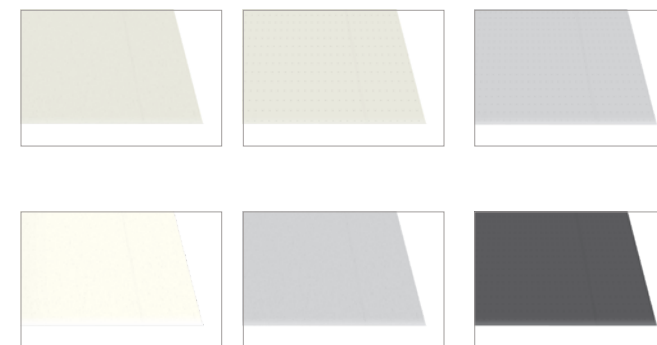
Our polyester fabric is a spun-dyed material with a very high level of UV resistance that is slightly thinner and lighter than standard awning fabric made of acrylic. Thanks to their high elasticity, these fabrics are less prone to overstretching and creases.

Polyester fabrics are also an excellent choice for conservatory awnings and window awnings.

REFLECT® - REFLECTIVE HEAT PROTECTION

Reflect® awning fabrics are made of 100% spun-dyed acrylic with an additional weather-proof coating, producing a highly reflective surface that is four times better at blocking thermal energy than conventional fabrics are. The result: cooler rooms and lower energy costs for air conditioning systems.

Thanks to the uniform diameters of the holes in the perforated version, you can enjoy a great view from the inside while remaining shielded from prying eyes and the glare of the sun.



POLYESTER & TECHNICAL FABRICS



ALL WEATHER – MORE THAN A SUN PROTECTION FABRIC

All Weather awning fabrics have an acrylate coating on one side for an improved water pressure resistance of 800 mm (measured in water column).

As a result, the acrylic fabric not only protects you from the sun's rays, but also from light rain – while still retaining its textile properties.

PRÉCONTRAIT® – COME RAIN OR SHINE

Précontraint® is a polyester fabric with a PVC coating and varnish finish on both sides.

The UV-resistant coating makes the fabric less prone to sagging while at the same time making it 100% waterproof.

It is highly resistant to mechanical stress and is also flame resistant (B1 according to DIN 4102). What's more, the smooth surface is ideal for adding printed advertising slogans.



COUNTLESS OPTIONS FOR ENHANCED COMFORT

DRIVE

KADECO awnings are fitted with motor drives as standard, enabling you to control your sun protection using a switch mounted on the wall. Wireless controls and manual crank mechanisms are also available as options, depending on the model.

CONTROL

Motorised models can be controlled via a switch or a remote control.

WIND AND SUN MONITORS

The awning extends automatically when it detects sunshine. If the wind picks up, it auto-matically retracts – an important feature for your protection and safety.

WIRELESS WIND SENSOR

The perfect complement to the wireless motor: the unobtrusive sensor, which is cleverly incorporated into the projection profile, automatically protects your

awning against damage caused by strong wind.

WIRELESS SUN SENSOR

The sun sensor automatically extends the awning when strong sunlight is detected, providing optimum protection inside your home.

LIGHTING

Lighting can be used to create the perfect ambience for a cosy evening under your awning. Our lighting is easy to install and can be retrofitted.

HEATER

KADECO design heaters efficiently convert energy to heat. Thanks to their short-wave infrared beams, our heaters are much more effective and consume less energy than gas-powered patio heaters or electric radiators. You can enjoy heat on demand – from the moment you switch on the heater.



THE TECHNOLOGY OF THE FUTURE

INNOVATIVE TECHNOLOGY

With Somfy smart home technology, you can control your awning from your smartphone – from any location.

CONTROL VIA APP

Using the Tahoma app, you can control your awning and other products in your smart home network.

RELIABLE INFORMATION

This technology provides high-precision feedback in real-time. At any given time, the app can tell you whether your awning is retracted or extended.

INDIVIDUAL SCENARIOS

You can program various scenarios to set your awning, lights and roller blinds to different positions at different times of the day, so that your home looks occupied even when you're away – which acts as a deterrent to potential burglars.

FLEXIBLE PROGRAMMING

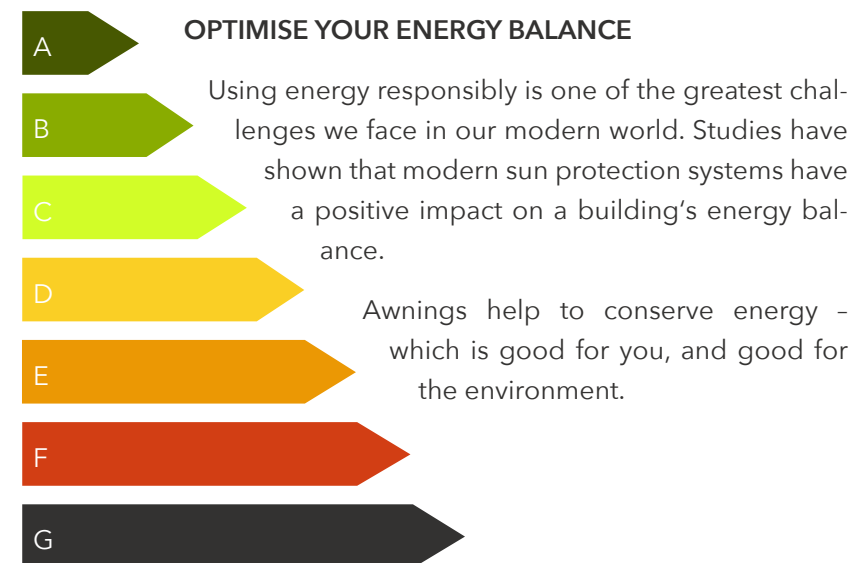
You can set the awning position based on the time of day or the position of the sun.



BOOST EFFICIENCY – SAVE MONEY – PROTECT THE ENVIRONMENT



*Made
for you*



SAVE COOLING ENERGY

Air conditioning systems are increasingly becoming a standard feature of private homes and office buildings. These systems are expensive to install and run, and have a huge impact on the energy consumption of the building in which they are installed. Awnings keep sun and heat away from your home.

REDUCE YOUR HEATING COSTS

On cold but sunny days, you can use the sun's rays to heat your rooms with the assistance of the intelligent awning control system.

BENEFIT FROM THE SUNLIGHT

The automatic awning control system reduces your need for artificial light.

AUTOMATE YOUR AWNING

Wind and sun sensors respond to weather changes in real-time, ensuring that your awning is always in the optimum position – whatever the weather.

Timers can be set to automatically control your awning, helping to increase the security of your home when it is unoccupied.

KADECO®



PATIO AWNINGS



FREESTANDING AWNINGS



CONSERVATORY
AWNINGS



VERTICAL AWNINGS

