



**BIOCLIMATIC
PERGOLAS**

Bioclimatic systems are durable and robust structures consisting of aluminum ceiling panels and an aluminum framework.

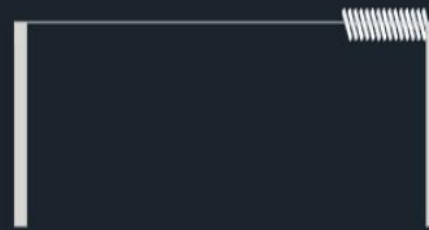
They are controlled via a motor and remote control, providing protection from the sun and rain, with the ability to withstand snow loads and strong winds. After adding side enclosures, it also allows for climate control.



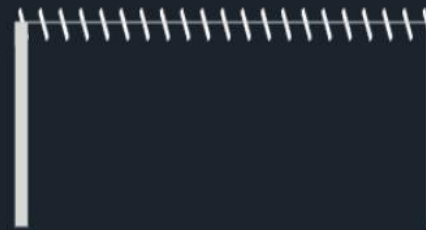
They can be used year-round in all outdoor spaces, both commercial and residential side, making them suitable for all seasons.

We are transforming outdoor spaces into waterproof areas that can withstand snow loads.

MODELS



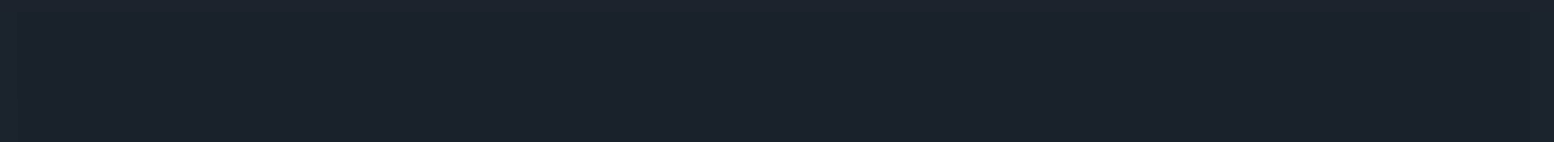
RETRACTABLE



ROTATABLE



FIXED





Retractable Bioclimatic Pergolas

RETRACTABLE

Modular aluminium pergola system with retractable blades and integrated gutter system.

Whether you want to create a cozy outdoor dining area, a serene garden retreat, or an inviting space for entertaining guests, Vionta Pergolas offer endless possibilities for elevating your outdoor lifestyle.



Experience
the perfect synergy of
modern design
sustainable living
outdoor comfort



Transform your outdoor space into a versatile oasis that adapts to your
every need and allows you to connect with nature in style.



By gathering the panels on one side as per your preference, it provides a **79% ceiling opening when folded**. This makes it incredibly easy to access the sky with just a single touch.

Our systems are capable of bearing snow loads, resistant to strong winds, and completely waterproof thanks to their built-in gutter and sealing system.

These adaptable structures are used in various settings, providing year-round usability in both commercial venues like restaurants, cafes, and hotels, as well as in residential gardens.



ALL DAY LONG

Designed for all-day use and offer lighting features. This allows you to adjust the illumination of the space during both day and night, enhancing your atmosphere. **They can be used for both business and leisure purposes and provide ease of use with lighting options.**



INSULATED PANELS CLIMATE CONTROL

Vionta Pergola has adjustable retractable louvers for controlling sunlight and airflow, providing a versatile outdoor space for any weather. Polyurethane foam in the panels enhances comfort and minimizes condensation.



CONTROL & AUTOMATION SYSTEM

Vionta Pergola integrates seamlessly with your home systems, enhancing daily life by allowing effortless control of your outdoor space, whether for relaxation, entertainment, or other purposes. This capability elevates your quality of life.



KEEP DRY IN STYLE AND STAY CLEAN

Keep Dry in Style Multi Sealing system-sealed with high quality gasket plugs, providing a completely airtight space which can be used in all weather conditions.

The “Stay Clean” feature, with its unique elliptical design, prevents leaves and dust from entering the interior during panel movement.



TECHNICAL
FEATURES

MAKSIMUM DIMENSIONS

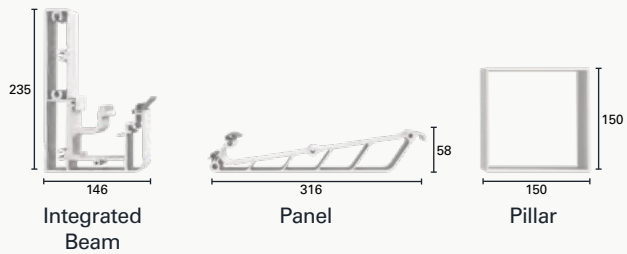
Projection	691,3 cm
Width	400 cm
Snow Load (max)	375 kg/m ²
Max. Open Space	%79

OPTIONS

Lighting	Perimeter Lighting
Panels	Insulated
Colour	Dual Colour

PROFILES & SNOW
LOAD CAPACITY

Thanks to its strong structure, profile dimensions and unique panel design, **Vionta Pergolas** can handle a snow load of 375 kg/m² and withstand winds up to 117 km/h.



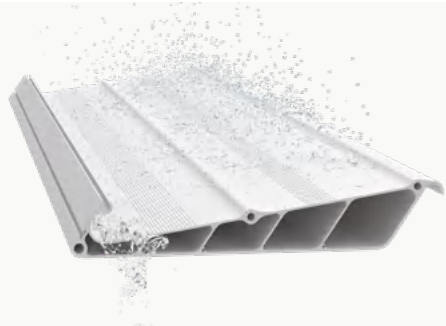
SYNCHRONIZED
PANEL MOVEMENT

This special synchronized movement is the newest technological system, allowing simultaneous retraction of all panels.



PANEL INCLINATION

A 8.75% internal inclination on the top of the panels ensures perfect drainage by preventing water accumulation on the sytem.



PANEL INTERLOCK

Thanks to the synchronous closing movement of the panels, the gaskets on the panels are clamped together at the same time and a complete insulation is provided between the panels.





ROTATABLE BIOCLIMATIVE PERGOLAS

BIOCLIMATIC PERGOLA



Modular aluminium pergola system with rotatable blades and integrated gutter system.

The motorized roof consists of rotatable aluminium panels. **Vionta's** revolutionary design allows the panels at any angle up to 140 degrees seamlessly move.



Pergolas panels capable of rotating up to 140 degrees on their own axes, constitute a pergola model with a sun-blocking concept. With the help of a remote control, customers can position the panels according to the sun's orientation at their desired location.

It can bear snow load, is wind-resistant, and completely waterproof thanks to the integrated gutter system.



APPLICATIONS AND FIELDS OF USE!

The adaptability and versatility of .Vionta Pergolas make them suitable for a wide range of outdoor settings, providing comfort, aesthetics, and functionality while allowing users to control their outdoor environment.

Rotatable pergolas are used to enhance outdoor spaces in residential and commercial settings, providing comfortable outdoor dining and lounging areas for hotels, cafes, restaurants, as well as recreational spaces, events.



Rotatable Bioclimaic Pergola features adjustable louvers for personalized sunlight and shade control in any weather. This energy-efficient system not only provides shelter from rain and intense sunlight but also optimizes natural light and ventilation, all while offering year-round outdoor enjoyment with remote control.

INSULATED PANELS CLIMATE CONTROL

Rotatable **bioclimatic** features adjustable louvers for precise sunlight and airflow control, creating the perfect atmosphere for any weather. Panels can be filled with Polyurethane Foam for added comfort and reduced condensation.



CONTROL & AUTOMATION SYSTEM

Vionta Pergola offers integration with your home systems, providing convenient control and use, making it a harmonious part of your daily life.

HIGH PRESSURE CLOSSURE FUNCTION

Vionta Pergola brings the plane flaps power to life. Its linear actuator system shields your spaces from harsh weather.

DRYNESS, ELEVATED

Utilizing a multi-sealing structure and powered by a linear actuator, this design ensures full waterproofing. The high-quality gasket plugs create an airtight environment, allowing for year-round use in any weather conditions.

leave the mess
outdoor
**STAY CLEAN
INDOOR**



TECHNICAL
FEATURES

MAKSIMUM DIMENSIONS

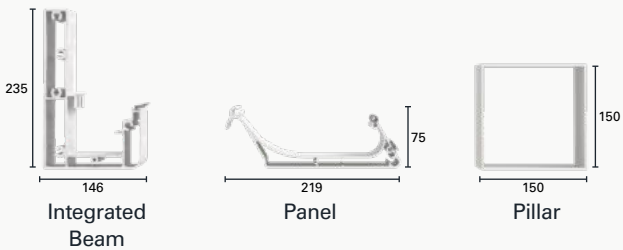
Projection	799 cm
Width	450 cm
Snow Load (max)	336 kg/m ²

OPTIONS

Lighting	Linear Lighting Perimeter Lighting
Panels	Insulated
Colour	Dual Colour

PROFILES & SNOW
LOAD CAPACITY

Thanks to its strong structure, profile dimensions and unique panel design, Vionta Pergolas can handle a snow load of 336 kg/m² and withstand winds up to 117 km/h.



END-POINT-CENTERED
ROTATION

This special rotating technology with its distinguished features provides many advantages like integrity, stability and sealing by means of end-point-centered operating structure and high pressured power system.



COMPACT
VERSION

Created for those who desire minimalism. Thanks to its compact profile design, this option can be preferred for small spaces, offering a delicate structure and appearance.

MAKSIMUM DIMENSIONS

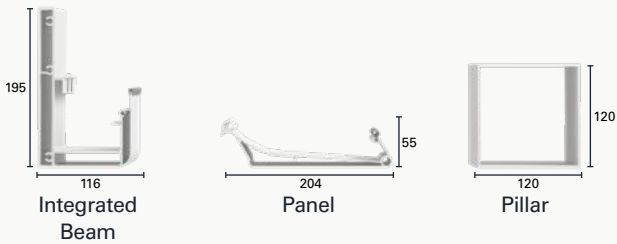
Projection	512,3 cm
Width	350 cm
Snow Load (max)	199 kg/m ²

OPTIONS

Lighting	Perimeter Lighting
Colour	Dual Colour

PROFILES & SNOW
LOAD CAPACITY

Thanks to its strong structure, profile dimensions and unique panel design, Vionta Pergolas compact can handle a snow load of 199 kg/m² and withstand winds up to 117 km/h.



Fixed Bioclimatic Pergolas

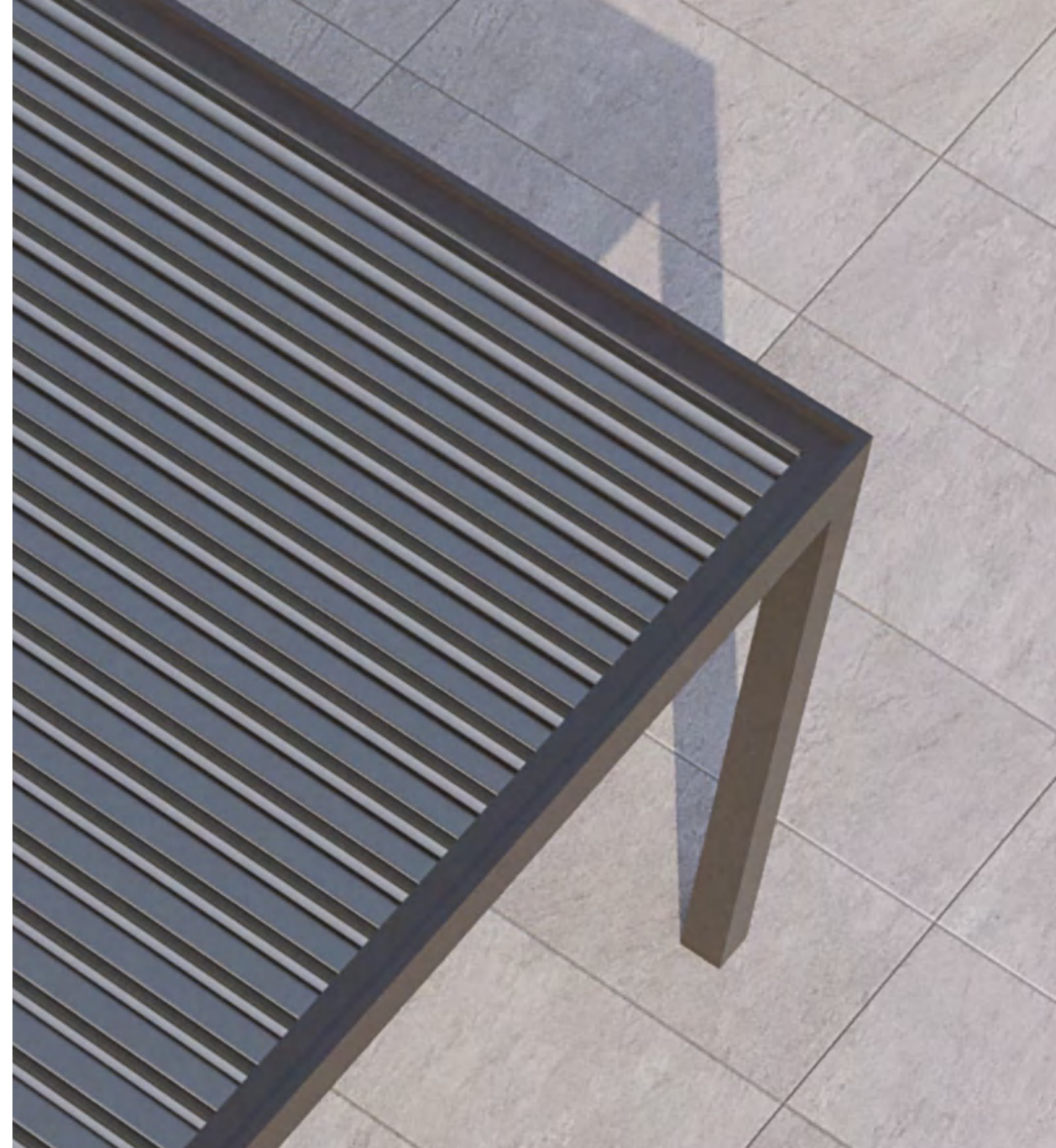


Fixed Bioclimatic Pergolas

A stylish and contemporary shelter for all climates. Whether you're facing scorching heat, driving rain, or even cold winds, this shelter offers both protection and aesthetics, making it the perfect choice for year-round comfort and modern appeal.



Your shelter, your style,
ALL CLIMATES



Fixed Bioclimatic Pergola features seamlessly designed side beams with built-in gutters, corner posts with efficient drainage, robust profiles, and stainless steel attachments for a stable structure. The rubberized slats in the roof create an airtight, waterproof ceiling, and the product can endure winds up to 117 km/h.

Minimal Maintenance,
**MAXIMUM
PROTECTION.**

These structures offer year-round protection from rain, sun, and snow. They regulate indoor temperatures, saving energy. Their modern design enhances outdoor aesthetics, requiring minimal upkeep for practicality. Built to withstand harsh weather, they use durable materials for long-term use.



**TECHNICAL
FEATURES**

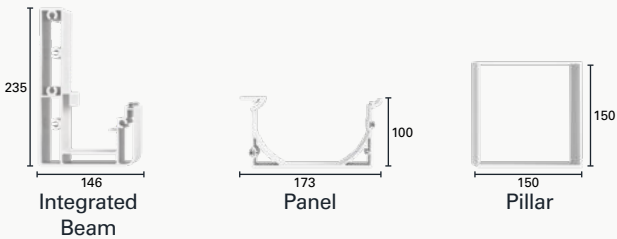
MAKSIMUM DIMENSIONS

Projection	588 cm
Width	325 cm
Snow Load (max)	360 kg/m ²

OPTIONS

Lighting	Perimeter Lighting
Panels	Insulated
Colour	Dual Colour

Fixed Bioclimatic Pergolas can handle
a snow load of 336 kg/m² and withstand winds up
to 117 km/h.





TECHNICAL SPECIFICATION

INSTALLATION TYPES

Bioclimatic Pergolas can be wall-mounted if needed or independently designed to stand on its own posts.



Wall Mounted

Freestanding

MODULARITY

Its modular structure allows for the closure of infinite square meters of space.

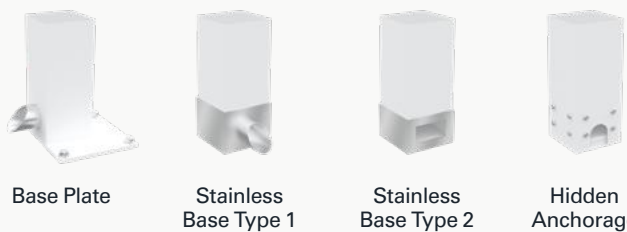


Two Modules

Four Modules

ANCHORAGE & WATER OUTLET

Freestanding products use base plates, while wall-mounted options utilize stainless steel base connections. Hidden anchorage is also available upon request. Models without a water outlet are also available for all options.



Base Plate

Stainless Base Type 1

Stainless Base Type 2

Hidden Anchorage

STAY CLEAN

The elliptical chamber on top side of the panel prevents the accumulated materials falling into your indoor space during the panel rotation.



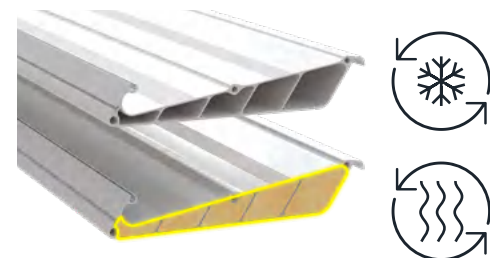
MULTI-SEALING SYSTEM

Synchronized moving panels simultaneously presses the gaskets located on the integrated beams and thus ensure maximum insulation during the closing movement.



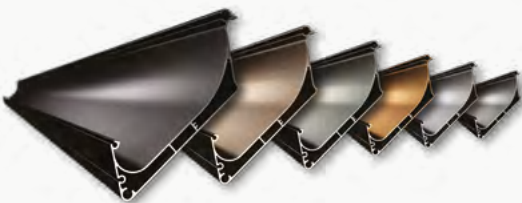
CLIMATE CONTROL

Panels can be filled with Polyurethane Foam which provides extra comfort. It significantly helps to reduce condensation.



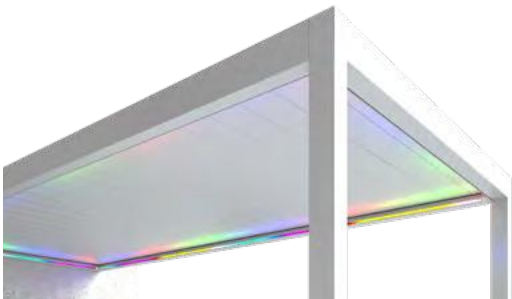
COLOR OPTIONS

The dual color option allows panels and other structural components to be painted in different colors. We coat profiles with electrostatic powder paint using advanced Nanotechnology.



LIGHTING OPTIONS

Perimeter Lighting, which features integrated LED strips into the gutter profile, is available in all **Pergola** series. Linear Lighting involves positioning LED modules into the blades and is only available in the Plus series.



SIDE COVER OPTIONS



Awnings



Stores & Closures



Glass Systems



Glass systems, awning systems, side walls such as Aluwall and sun breakers can be applied.

CONTROL & AUTOMATION

Designed to easily control your product wherever you are in the world, despite the weather changes you can remotely activate your products accordingly.

Compatible with iOS and Android smartphone systems. You can assign multiple functions through created scenarios, you can give a one-touch command.



TAILORED TO YOUR LIFESTYLE!

Our products incorporate Somfy motors, remote controls, sensors, and automation systems, giving customers the choice between RTS and IO options.



SITUO 1&5
Elegant design that allows you to easily control your product.

The standard control unit.



TELIS 16
16 Channel ergonomic design that allows you to control all functions at the same time from one control.

The standard control unit.



SUN SENSOR

It automatically operates product in sunny weather and provides maximum protection from the sun.



RAIN SENSOR

Enables your product to automatically cover your provides area during maximum rain and protection.



WIND AND SUN SENSOR

By measuring wind speed,it retracts your swing when high speed is detected and provides shade by opening the awning according to the brightness of the sunlight



WIND SENSOR

It measures the wind speed and automatically retracts your product when high wind speed is detected.