SUNTECH

NEW MODELS 2021

NEW
MODELS
2021

NEW MODELS 2021

EXXEN

Aluminum Bioclimatic System

Elegant retractable bioclimatic system with extended dimensions.

ROTA

Aluminum Bioclimatic System

Smart aluminum louvered roof system with rotational motion function.

FRAMEE

Glass System

Made of fine-framed aluminum profiles with modern design.

VIOLET

Glass System

Glass balustrade system with elegant and functional design.

VERTEX ZIP SYSTEM

Zip Screen System

Motorised external blind which is extremely durable, practical in use and provides great flexibility for outdoor and indoor living areas

EXXEN

Perfect fusion of functionality, redefinition of outdoor living areas

Exxen is a high-end scissors bioclimatic aluminum pergola system that performs the most desired function in outdoor living spaces with its fully retractable feature.

It is designed to enhance your exteriors considerably to enable absolute protection and more relaxing time for any kind of outdoor living areas. The system is uniquely flexible and modular custom built to be adapted various types of large application areas such as restaurants, terraces, balconies either private or commercial with its distinguished design.

System enables you to make shadow control thanks to a simple opening and closing system with automated pivoting louvres that provides natural air flow effect and exceptional quality of outdoor life in the open air.

Thanks to its retraction feature Exxen allows you to see the open sky clearly and helps you benefit from daylight at the maximum level. It is extremely suitable for using your outdoor living space in all seasons and contributes to preserving your stylish line by showing an aesthetic harmony with other complementary products.

Individual modules can be custom made in your specified finish up to 7m wide and 8m projection with flexible integration solution between existing structures with an operable architecture.Also several modules can be linked to each other and even larger patio roof can be created by coupling multible modules.

Along with the aluminum materials that make up the majority of the system, Exxen comes up with two different maximum size options. The system can be extended up to 8 meters projection and 4,5 meters of width dimensions, that is a practicable option especially for lengthwise applications. When it comes up with a maximum width of 7 meters, projection will be up to 6 meters and that's an efficient solution with covering of large commercial areas.

System is visually enriched with its elegant Hidden Led Stripe and RGB lighting options that can be ajdusted according to current mood of user.Also optional insulation foam is available that enables heat and sound insulation.

Led Stripe Dimmer Lighting illuminates all around the system and creates a warm atmosphere. Dimmable Soft Led Stripe lighting on sides within the structure provides intensity of day light or cool white options.

RGB Led-Hidden Stripe Lighting provides ultimate luxury by creating distinctive atmosphere in outdoor living areas with infinitive colour options.

Operations

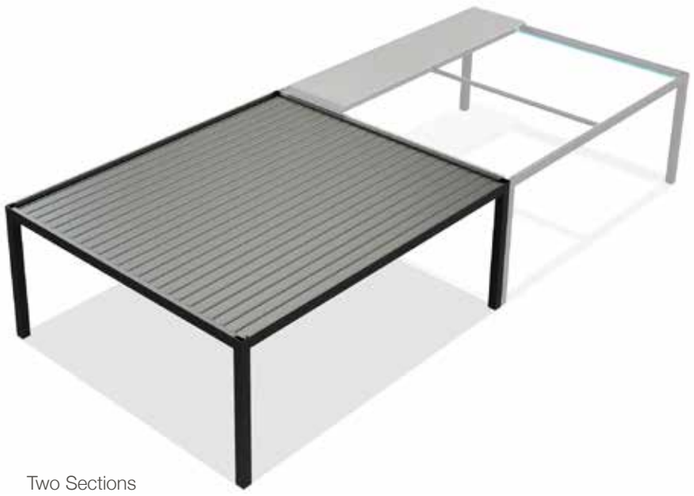
Fully Closed

One Section

Two Sections

Fully Closed & Retracted

One Section



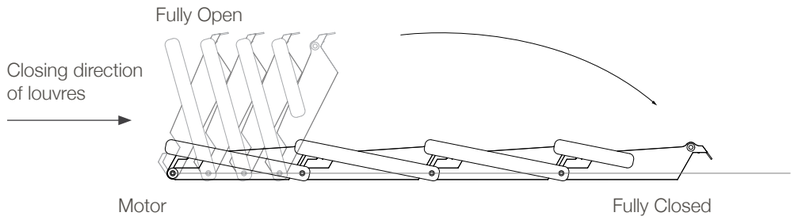
Two Sections

Retracted

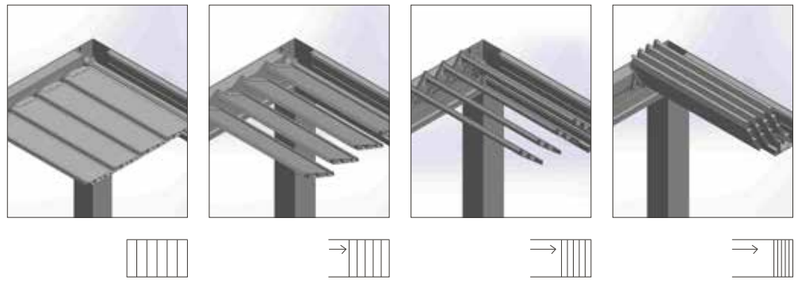
One Section

Two Sections

Louvre Closing Direction

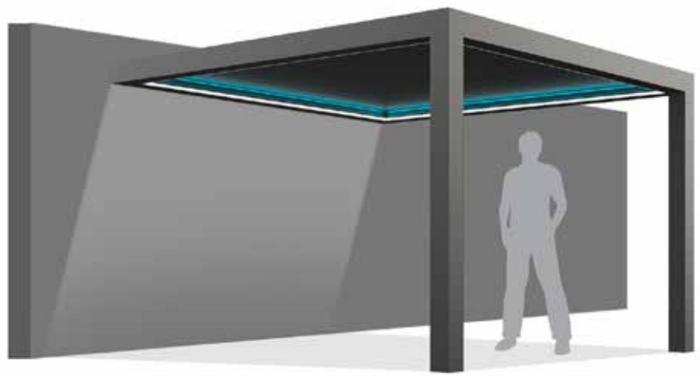


Tilting Directions



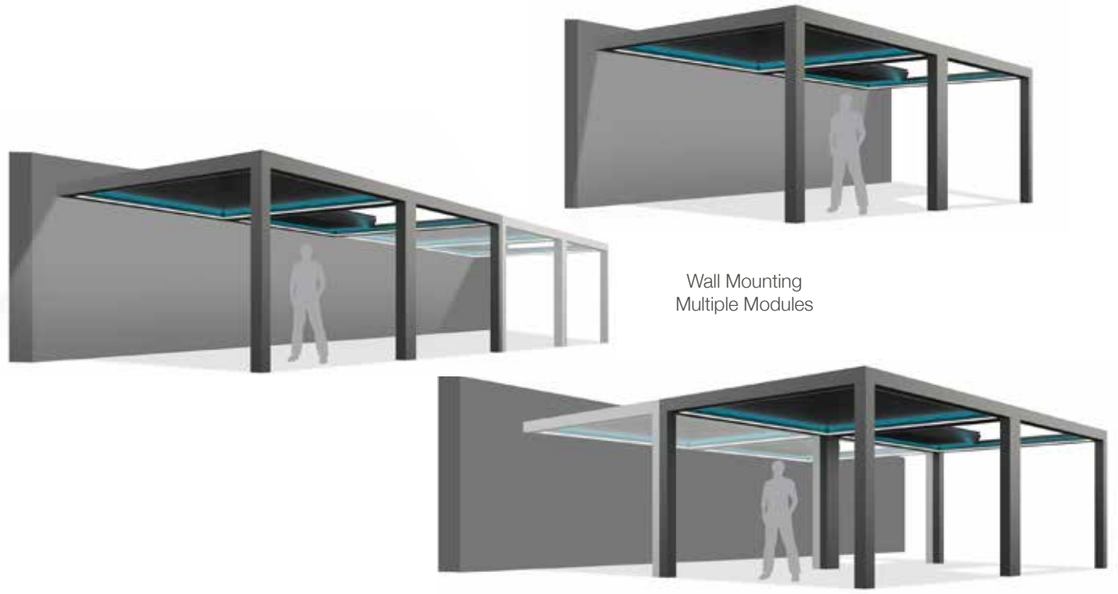
Flexible installation methods are available with wall mounting and free standing installations and they can even be served as a roof assembled to existing frameworks.

Self Standing
Single Module



Wall Mounting
Single Module

Self Standing
Multiple Modules



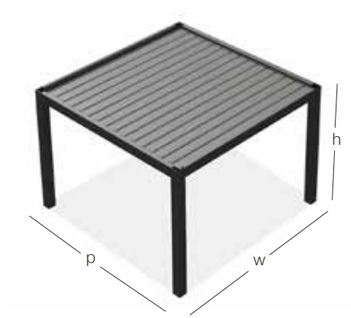
Wall Mounting
Multiple Modules

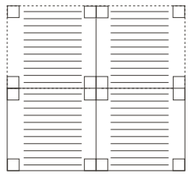
Blocked assembly for customized modules with a wide range of flexible combinations.

One Section
(w) Width 1200 mm < 4500 mm
(p) Projection 1290 mm < 8040 mm

(h) Height
3000 mm

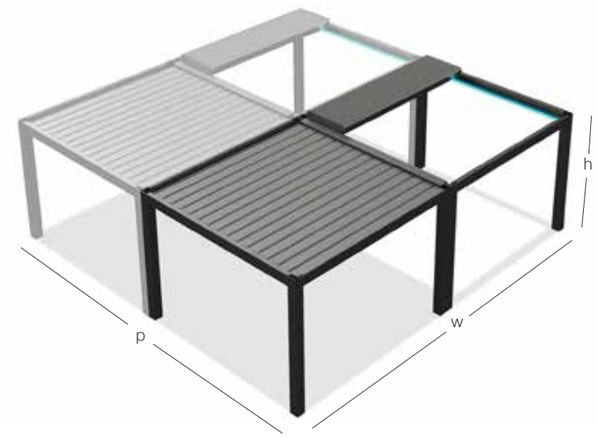
One Section

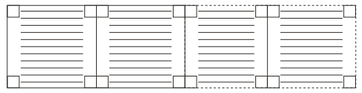




One Section
(w) Width 2400 mm < 9000 mm
(p) Projection 2580 mm < 16080 mm

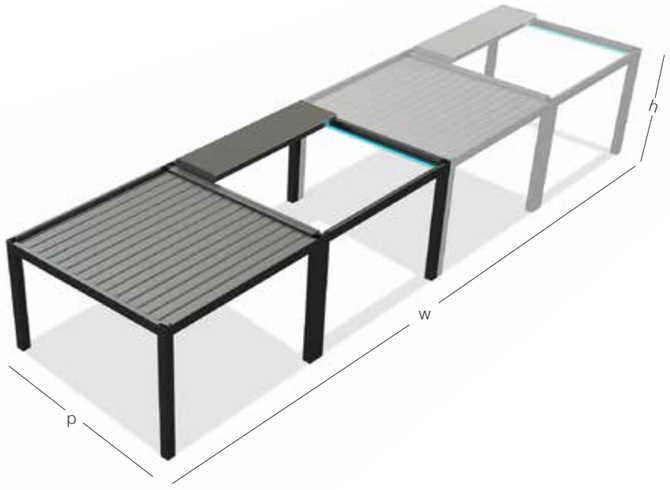
(h) Height
3000 mm



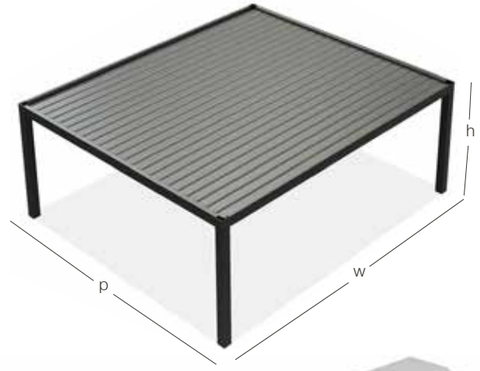


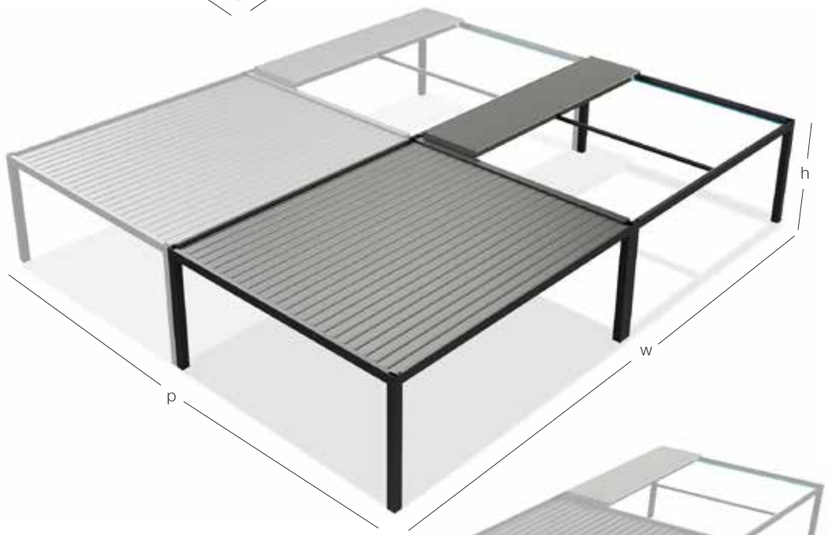
One Section
(w) Width 4800 mm < 18000 mm
(p) Projection 1290 mm < 8040 mm

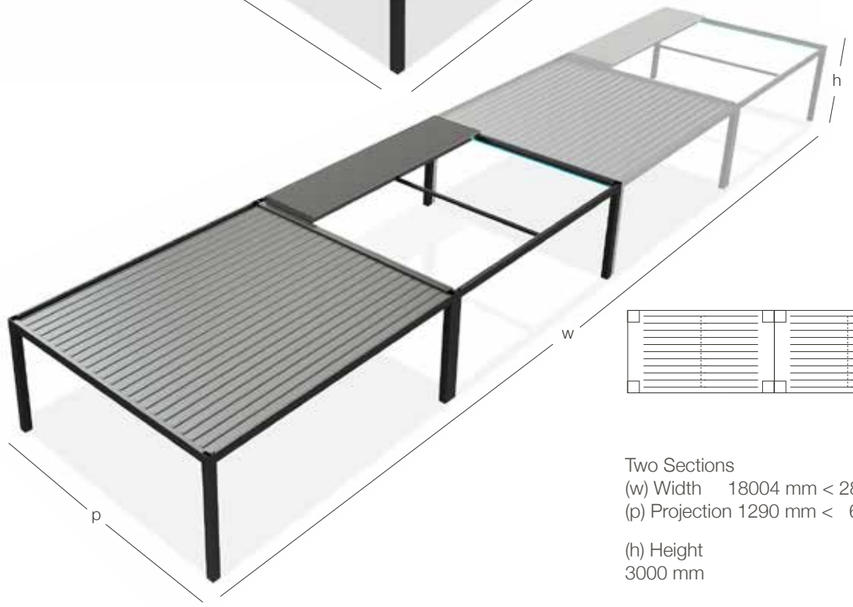
(h) Height
3000 mm

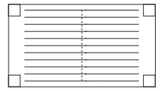


Two Sections



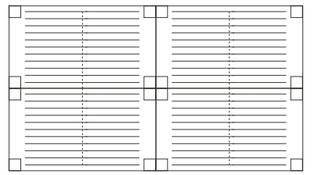






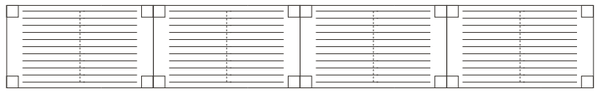
Two Sections
(w) Width 4501 mm < 7000 mm
(p) Projection 1290 mm < 6040 mm

(h) Height
3000 mm



Two Sections
(w) Width 9002 mm < 14000 mm
(p) Projection 2580 mm < 12080 mm

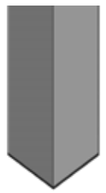
(h) Height
3000 mm



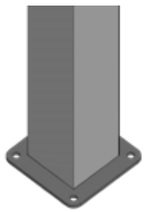
Two Sections
(w) Width 18004 mm < 28000 mm
(p) Projection 1290 mm < 6040 mm

(h) Height
3000 mm

Column Base Options

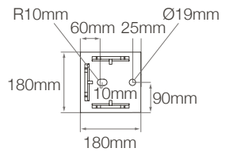


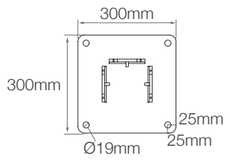
Hidden
(Standard)



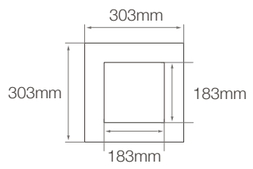
Flange

Flange
Cover Cap



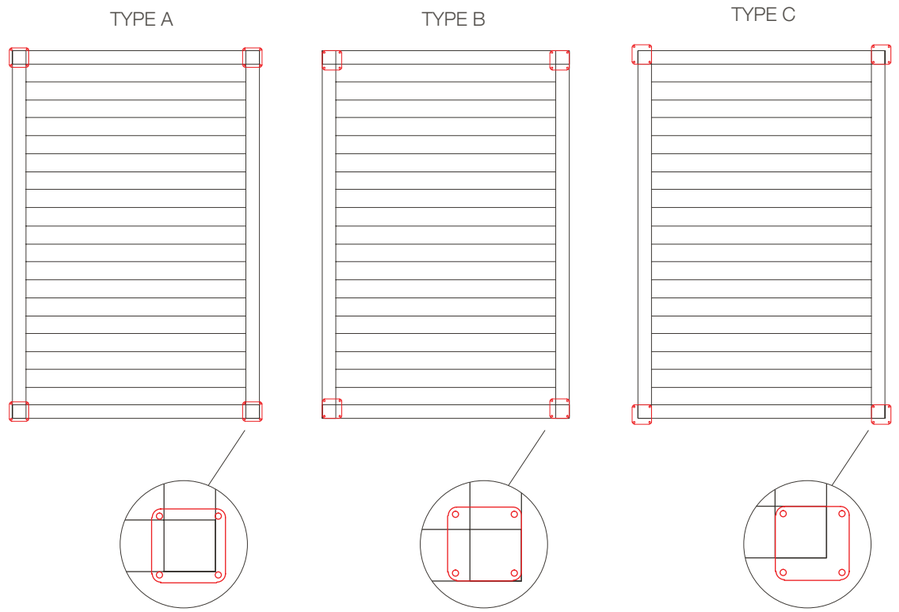


Thickness: 10mm



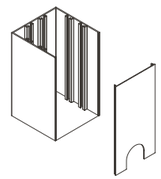
H: 25mm
Thickness: 15mm

Flange Positions

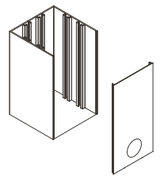


To be chosen only with flange option.

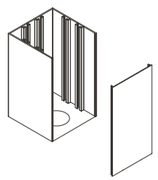
Drainage Types



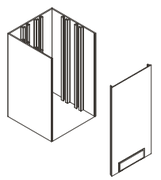
TYPE I



TYPE II



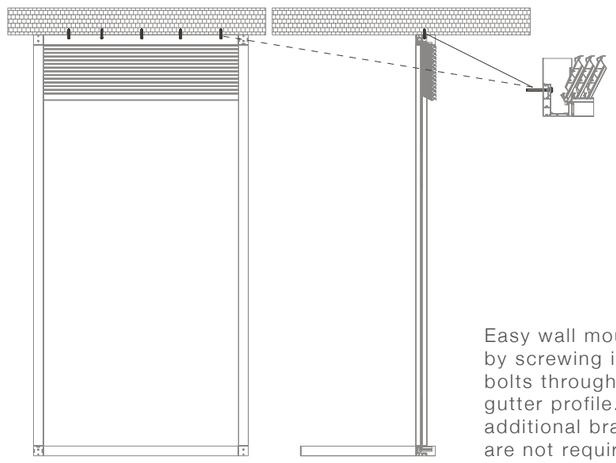
TYPE III



TYPE IV

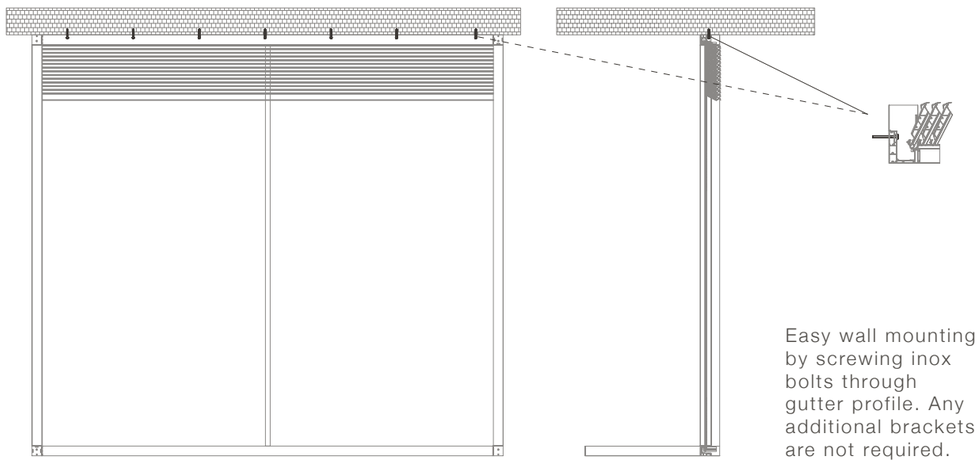
Hang Bracket Types & Mounting

One Section



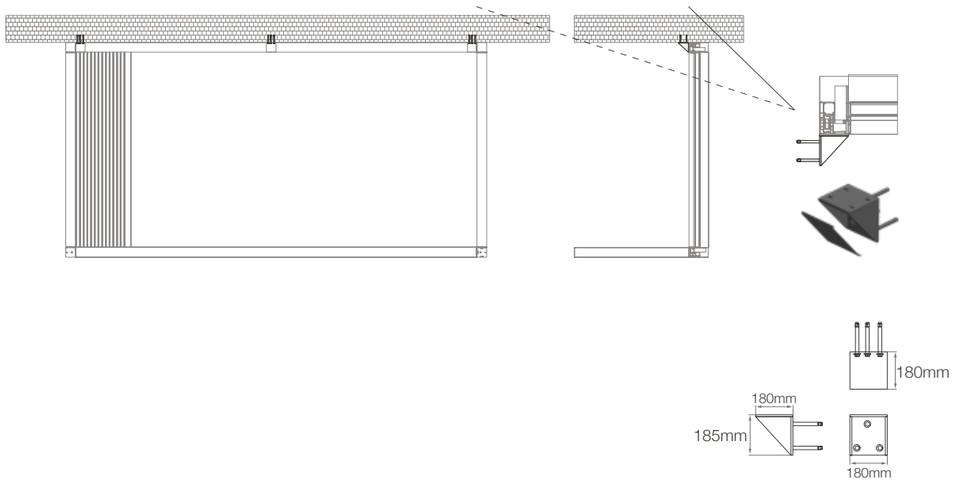
Easy wall mounting by screwing inox bolts through gutter profile. Any additional brackets are not required.

Two Sections

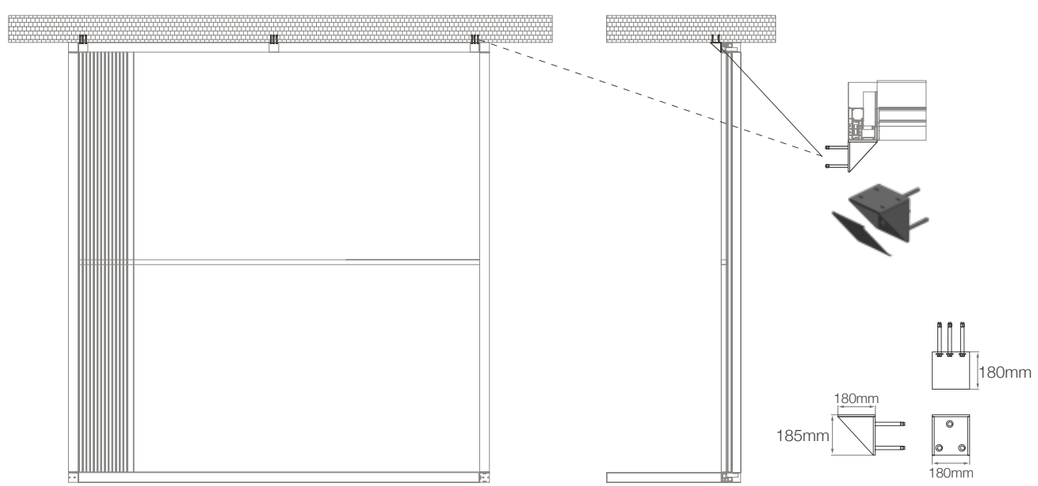


Easy wall mounting by screwing inox bolts through gutter profile. Any additional brackets are not required.

Vertical Mounting Outer Wall Bracket (Inox) With Optional Cover Cap

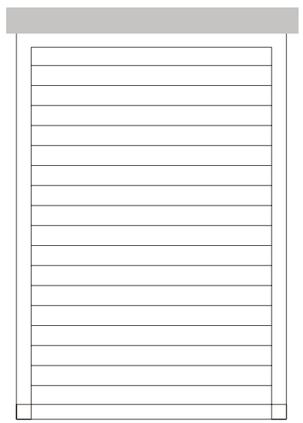


Vertical Mounting Outer Wall Bracket (Inox) With Optional Cover Cap

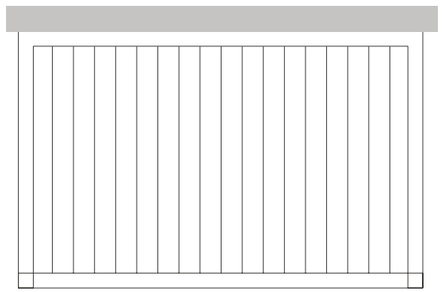


Wall Installation Louvre Positions

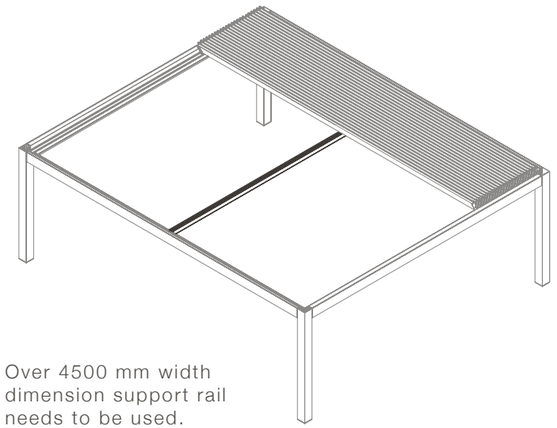
Parallel To Wall



Vertical To Wall



Support Rail

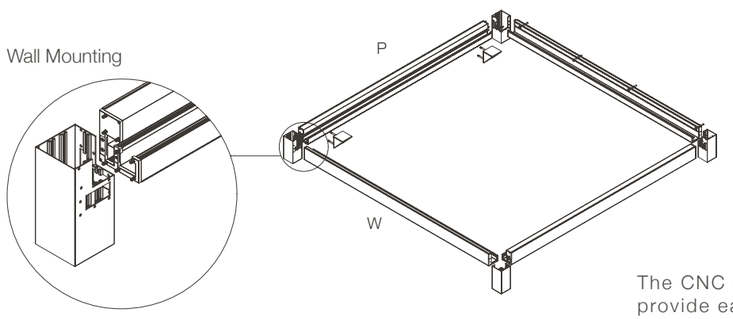


Over 4500 mm width dimension support rail needs to be used.

Column and Gutter/Rafter Integration

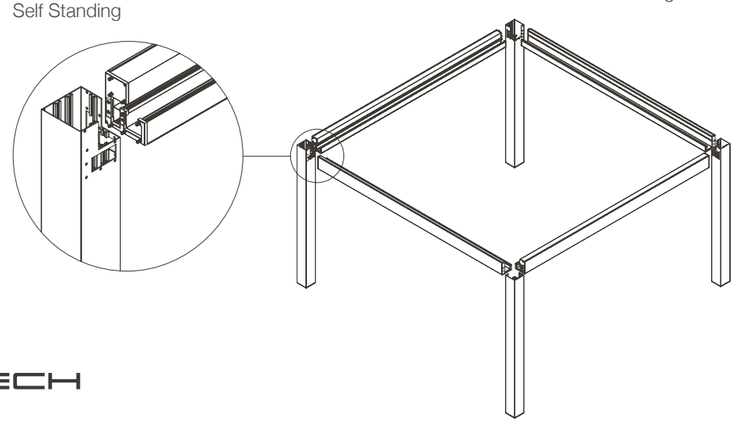
The easy fixing of integral column part to gutter and rafter

Wall Mounting

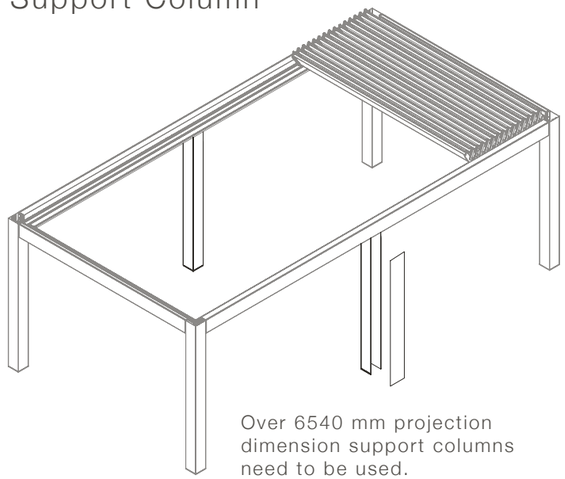


The CNC machine cut corner profiles provide easy gutter and rafter integration.

Self Standing

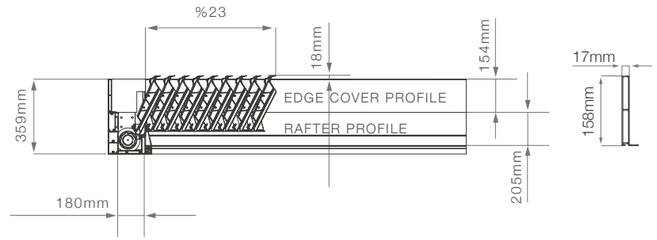


Support Column



Over 6540 mm projection dimension support columns need to be used.

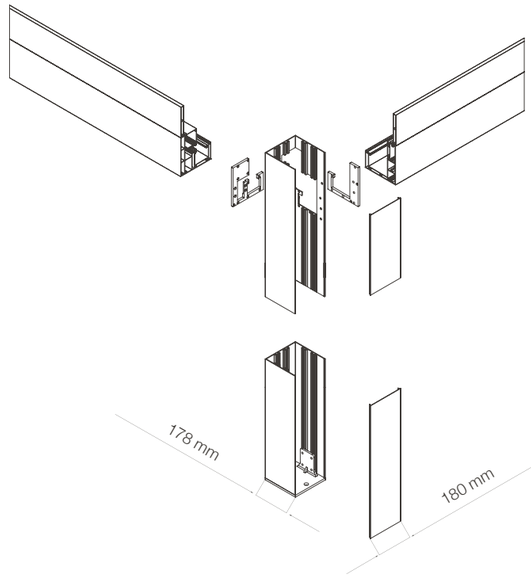
Side Elevation



Column Connection

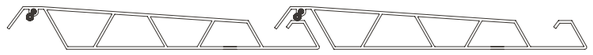
Thanks to ease of column base assembly each column can be installed practically through a series of simple operations that guarantee installation quality and speed to reduce number of staff required.

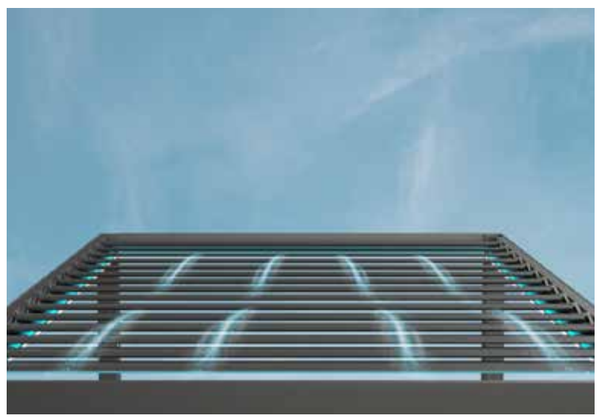
The front column cap can be pulled out simply and inner column cavity conceals the wiring cables of heater, speaker and automation to provide clean appearance.



Louvre Stormguard Seal

Sealing solution stops water dripping over louvre gutter channel by providing a soft cushioning barrier between point of louvre junction.

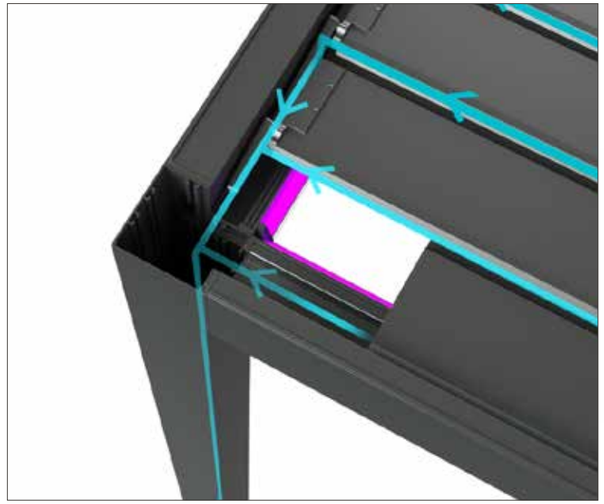




Slightly opening of louvres creates natural air flow for application areas.

Protecting from sun exposure while ensuring air ventilation under the system .

Ensuring waterproof coverage when louvres are in fully closed position.



Each channel on louvres drain the water through four sided gutters connected with columns.

Functional seal entegrated on louvre channels provides maximum protection from water dripping.

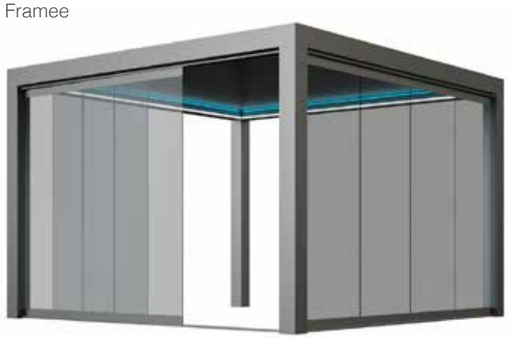
Closures

Sapphire Glass System
Sapphire can be adapted to Exxen system and offers a maximum clear span that provides unobstructed view & minimalistic style. The system is operated by just the touch of button.

Swind
Swind can be combined with also Exxen system and offers adequate wind breaking with the option of total transparency by incorporating the function of balustrade. Thanks to led stripe dimmer lighting integrated side frame the fixed panel assigns distinctive appeal. The system is modular and completely flexible as there are no limits in the horizontal direction that can be used to surround spaces of all types and sizes.

Violet
The adaptability of Violet balustrade glass with Exxen creates a stunning visual transparency without lacking of obstruction to lines of sight. The stylish lighting solution that is integrated underneath the glass highlights attractive aspect of the design by amplifying overall aesthetic of outdoors. Thanks to flexible and multiple modular implementations, system can be used to cover comprehensive areas without limitation in the horizantal direction.

Framee



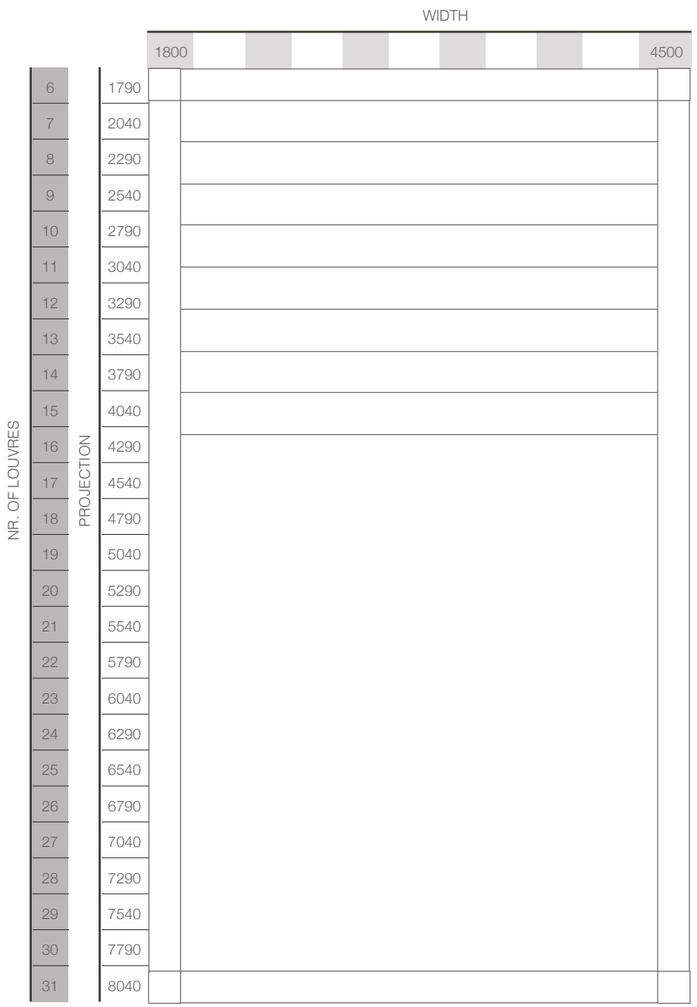
Slidia

Sliding Glass System
The combination of the sliding glass system with Exxen ensures efficacious protection from wind and rain. The aluminium frames which cover each glass panel provide maximum safety standards and practicality with elegance details.

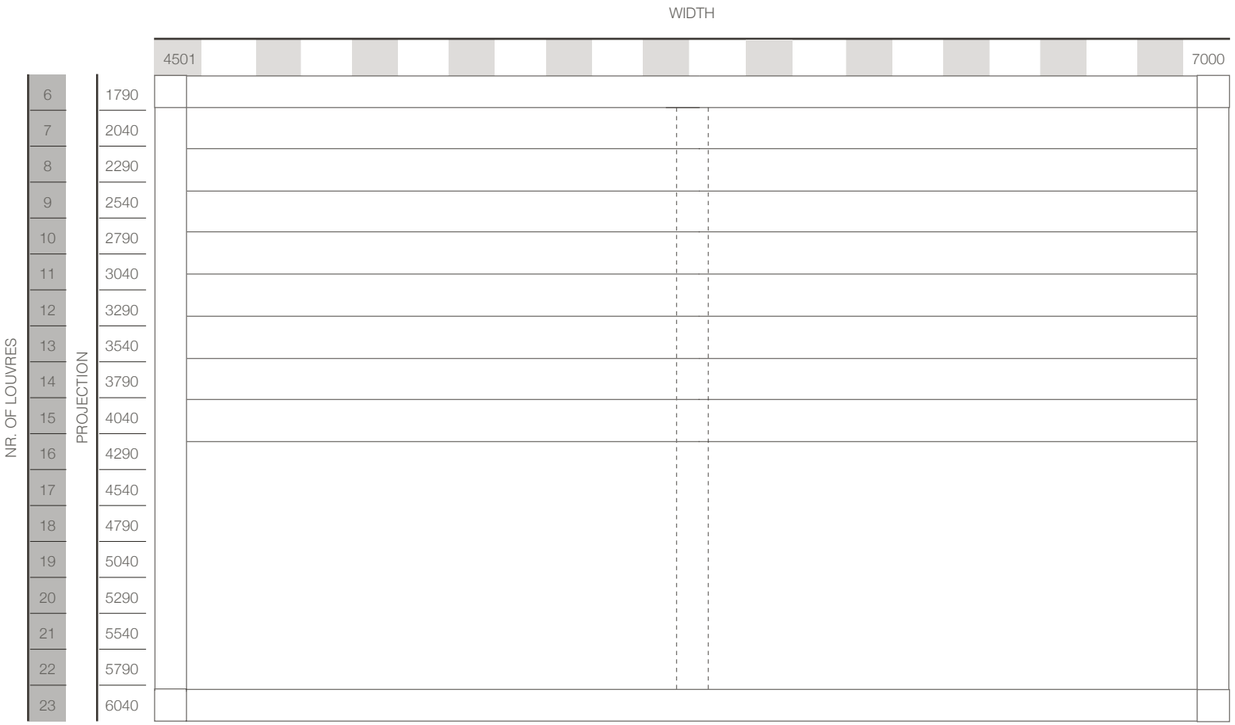
Vertex Zip System
The minimalist, slimlane, contemporary design of the zip system provides comfortable shade and protects aganist the UV rays. The system includes motorised aluminium structure, entirely powder-coated with stainless steel bolts and screws.

Dimension Ranges

One Section
Width dimension: Any value between 1800mm and 4500mm
Projection dimension: Adjustable according to louvre quantity

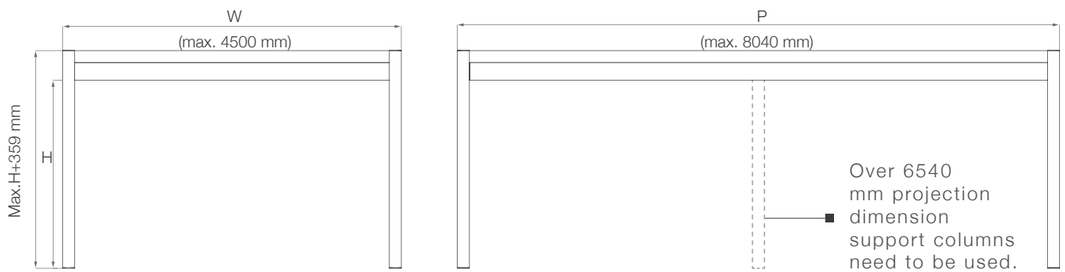


Two Sections
Width dimension: Any value between 4501mm and 7000mm
Projection dimension: Adjustable according to louvre quantity



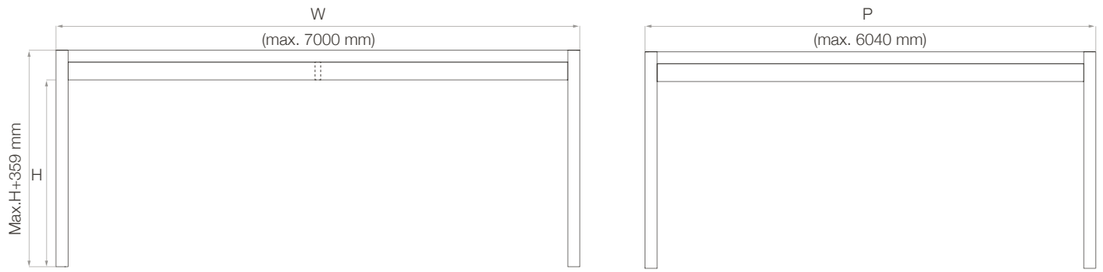
Single Module
One Section

W: 1200 mm < 4500 mm
P: 1290 mm < 8040 mm



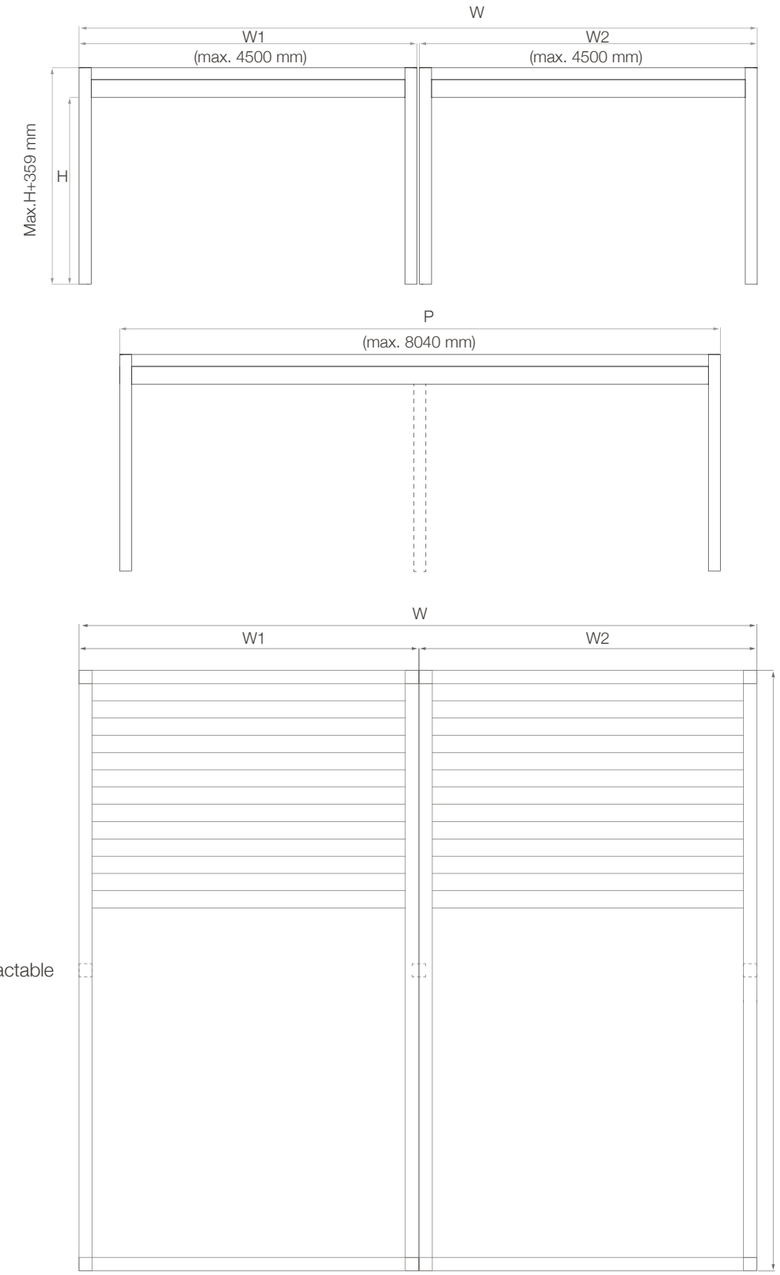
Single Module
Two Sections

W: 4501 mm < 7000 mm
P: 1290 mm < 6040 mm



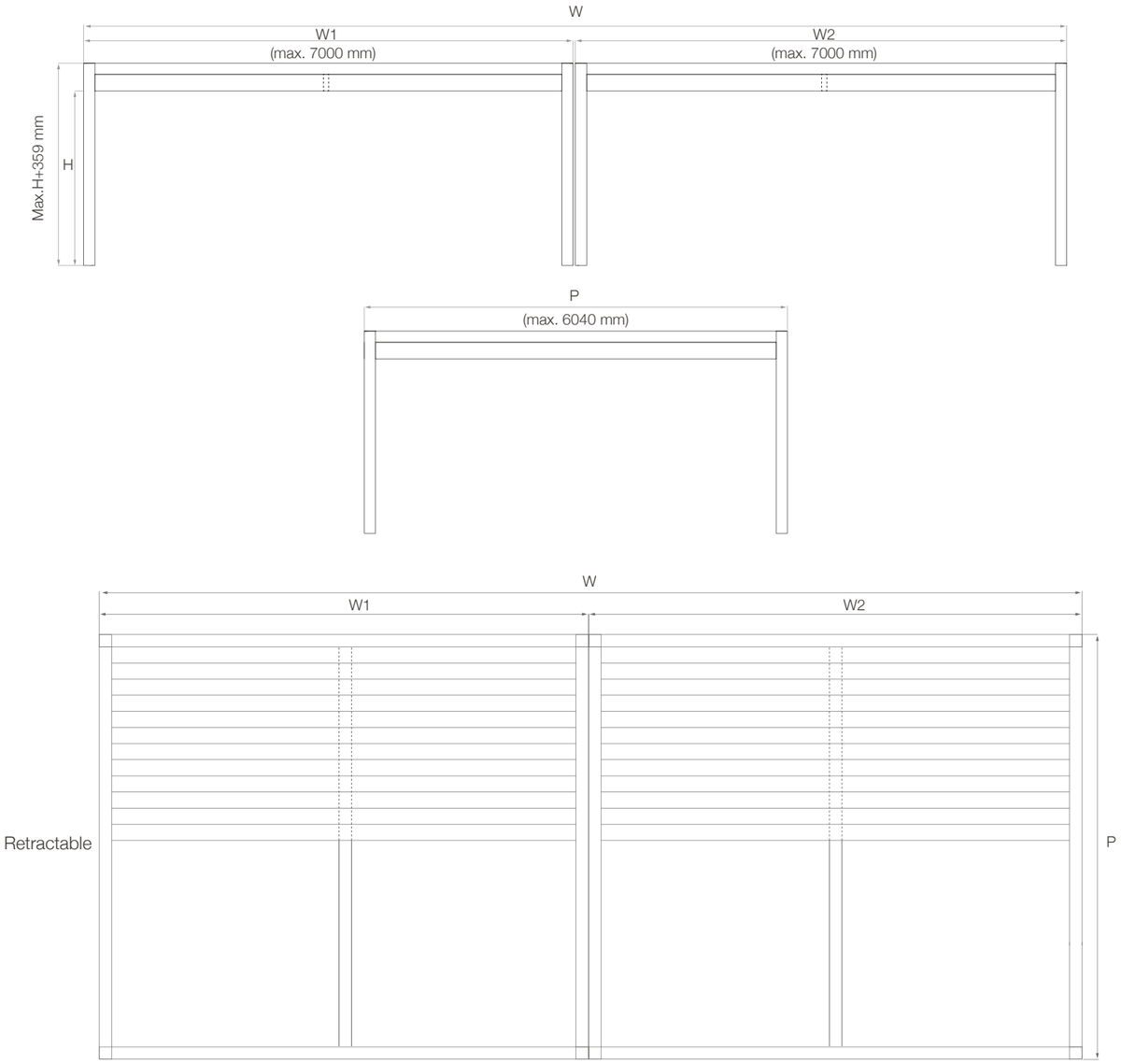
Multiple Modules Type 1
One Section

W: 2400 mm < 9000 mm
P: 1290 mm < 8040 mm



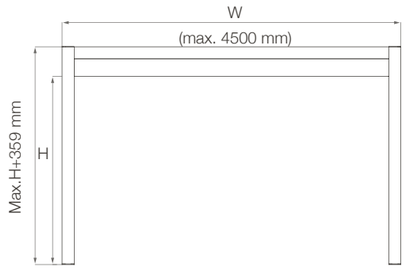
Multiple Modules Type 1
Two Sections

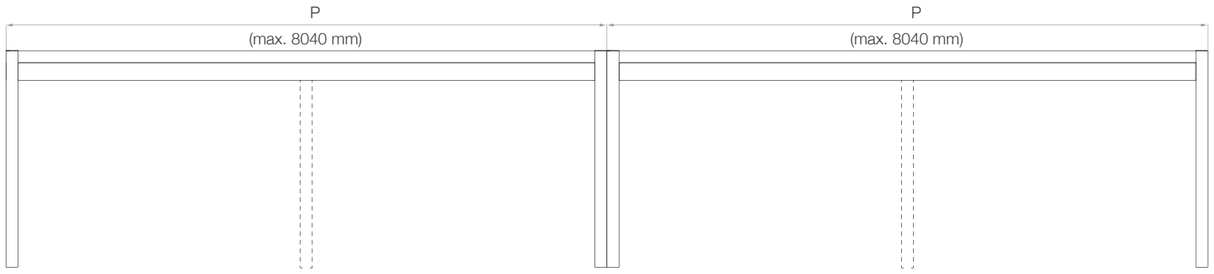
W: 9002 mm < 14000 mm
P: 1290 mm < 6040 mm

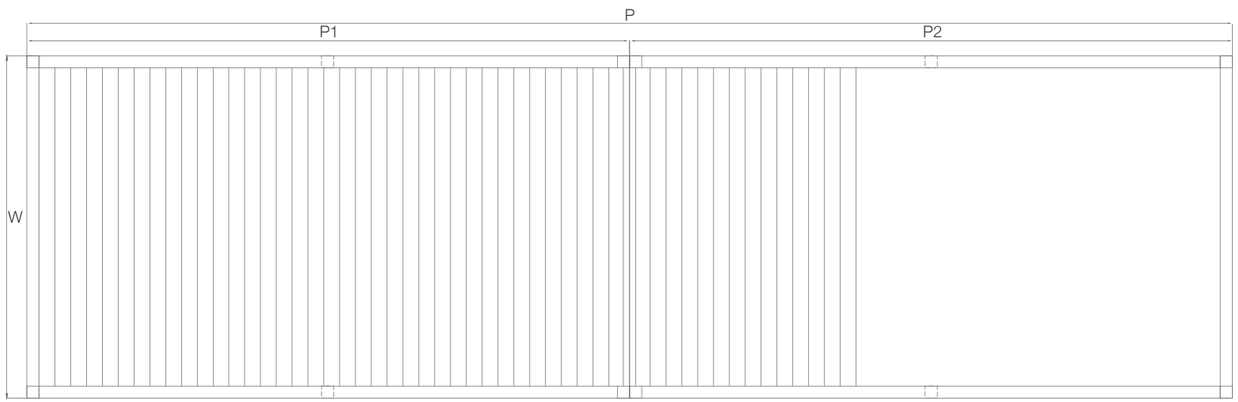


Multiple Modules Type 2
One Section

W: 1200 mm < 4500 mm
P: 2580 mm < 16080 mm

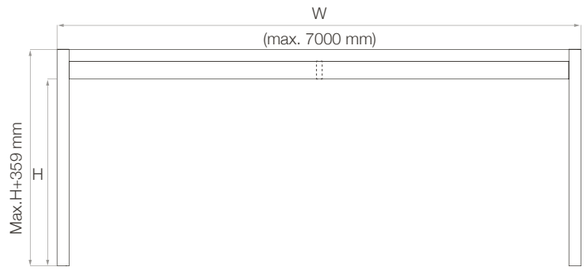


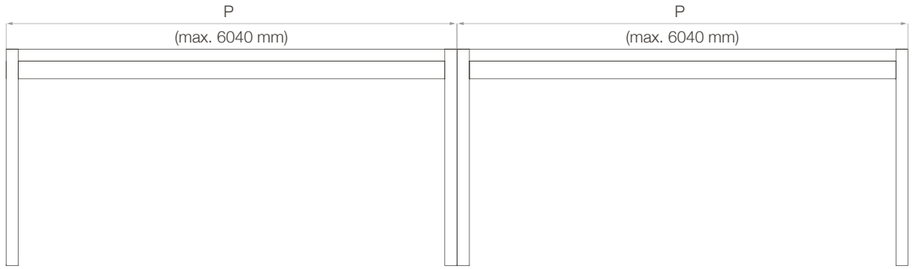




Multiple Modules Type 2
Two Sections

W: 4501 mm < 7000 mm
P: 2580 mm < 12080 mm





Retractable

Order Form

EXXEN

Company Name:
Order Reference:

Order Date:

INSTALLATION TYPES

- ☐ Self Standing
- ☐ Wall Mounting
  - ☐ Louvres Parallel to Wall
  - ☐ Louvres Vertical to Wall

QUANTITY: ..... pc

☐ If modules are multiple and each module is in different width or projection, please provide details for single module max.:
- One section 4500x8040 mm
- Two sections 7000x6040 mm

☐ Type 1 ☐ Type 2

W1 ..... mm P1 ..... mm
W2 ..... mm P2 ..... mm

See page 27-32 for detail

DIMENSIONS

W - Total Width..... mm
P - Projection ..... mm
H - Post Height..... mm
Total Number of Posts Required ..... pc

POWDER-COAT COLORS

Structure

RAL colors	Exclusive colors	Texture colors	
☐ 9016	☐ OGN35	☐ ST9010	☐ Other ...
☐ 1013	☐ OS561	☐ ST9001	
☐ 9006	☐ OY395	☐ ST1013	
☐ 7006	☐ OGN39	☐ ST7039	
☐ 7016	☐ ON617	☐ ST7016	
☐ 9005	☐ ON611	☐ ST8019	

Louvres

RAL colors	Exclusive colors	Texture colors	
☐ 9016	☐ OGN35	☐ ST9010	☐ Other ...
☐ 1013	☐ OS561	☐ ST9001	
☐ 9006	☐ OY395	☐ ST1013	
☐ 7006	☐ OGN39	☐ ST7039	
☐ 7016	☐ ON617	☐ ST7016	
☐ 9005	☐ ON611	☐ ST8019	

LED LIGHTS

- ☐ Led Stripe Dimmer Lighting
  - ☐ Cool White
  - ☐ Day Light
- ☐ RGB Led - Hidden Stripe Lighting

SENSORS

- ☐ Rain Sensor
- ☐ Wind Sensor
- ☐ Sun Sensor
- ☐ Wind&Sun Sensor

OPTIONALS

☐ Additional Supporting Post ☐ Insulation Foam ☐ Edge Cover Profile

COLUMN BASE OPTIONS

- ☐ Hidden (Standard)
- ☐ Flange
- ☐ Flange With Cover Cap

FLANGE POSITIONS

- ☐ Type A
- ☐ Type B
- ☐ Type C

DRAINAGE TYPES

- ☐ Type I
- ☐ Type II
- ☐ Type III
- ☐ Type IV

PACKAGING

☐ Standard ☐ Wooden Crate
Extra cost

☐ ADDITIONAL NOTES & DRAWINGS ATTACHED

Technical Details

Max. width for single module	4500 mm (One Section) / 7000 mm (Two Sections)
Max. projection single module	8040 mm (One Section) / 6040 mm (Two Sections)
Rafter profile dimension	180x200 mm
Gutter profile dimension	180x200 mm
Post dimension	180x180 mm
Louvre dimension	292 mm
Louvre quantity in max. size	31 pcs
Louvre can be tilted up to	70°
Louvres parking area	23%

Automation	included
Control unit	included
Led Stripe Dimmer lighting	optional
RGB Led - Hidden Stripe lighting	optional
Insulation foam	optional
Edge Cover	optional
Flange	optional
Rain Sensor	optional
Wind Sensor	optional
Sun Sensor	optional
Wind&Sun Sensor	optional

Technical Specifications
Exxen

Spacious Retractable Scissors Roof System

Description

Exxen is a bioclimatic covering solution that ensures comfort and relievement with its retraction and large span.

Dimensions

One module

One Section		Two Sections	
Width	1200 mm < 4500 mm	**Width**	4501 mm < 7000 mm
Projection	1290 mm < 8040 mm	**Projection**	1290 mm < 6040 mm

Column Height 3000 mm

- Blocked assembly for customized modules with a wide range of flexible combinations.

I Technical Characteristics

- Extruded aluminium frame, blades & gutters - clean edges.
- Electrostatic powder-coated frame.
- High-quality aluminum extrusion profiles (Aluminium Alloy 6063-T6).
- Concealed screws to offer clean finish.
- High grade stainless steel connection components.
- High strength timing belt for balanced movement inside rafters.
- Large span with 7000mm dimension.
- Projection availability up to 8040mm dimension.
- Remote control for operation of mechanism and lighting.
- Double-walled aerofoil louvres with superior strength and durability.
- Adjustable louvres for any position.
- Extended open sky when roof retracted.
- Dimmer option to adjust lux intensity.
- Antibacterial polyurethane foam insulation which can be integrated into the louvre to provide sound and heat insulation.
- Air and water insulation between joining axis of multiple applications is provided by U profile.

- Applicability of guillotine, sliding / sliding frame / folding glass and zip systems.
- Fully waterproof coverage when louvres are in fully closed position.
- Functional seal integration on louvre channel to prevent water leaking and provide extra insulation.
- Seal integration along structure for water insulation and temperature resistance.
- The water is flowed down to the main gutters by special drainage channels along the louvres and drained through columns.
- Optional edge cover profile which complete smooth design.
- Hidden direct drive double shaft motorbox with Somfy® motor operates retracting motion.
- Production in compliance with CE, ISO 9001, ISO 1400 and NVA standarts.
- In addition to standart RAL colors, Exclusive and Texture range aluminium.

II | Profile Section Dimensions

Rafter	: 180 mm x 200 mm x 3,5 mm
Gutter	: 180 mm x 200 mm x 3,5 mm
Column	: 180 mm x 180 mm x 3,5 mm
Louvre	: 292 mm x 40 mm x 2,5 mm

III | Installation Methods

- Individual modules can be customised according to specified finish up to 4500mm width and 8040mm projection (one section) or finish up to 7000mm width and 6040mm projection (two sections) with flexible installation methods such as integration into existing frameworks, wall mounting and free standing for larger outdoor areas.
- System can be assembled as single or multiple modules.

IV | Columns

- Dimensions: 180 x 180 mm x 3,5 mm
- Simple column assembly.
- 3 different column base options: Hidden, Flange, Flange With Cover Cap.

V | Weather Resistance

Wind Resistance

- Wind rating up to Beaufort number 10 (up to 102km/h).

Water Drainage

- The four sided gutter for completely ensured waterproofness.
- Water drainage with an intensity of 155 L/h/sqm that last up to 2 minutes maximum.
- Optional PVC pipe (Ø70) integration inside columns.
- Customised drain points flexibity.

VI | Additional Equipments

- Heater, speaker or other automations can be integrated into the system.
- Rain and wind sensor can be adapted.

  Rain sensor closes the blades automatically when it rains.

  The blades should be closed when wind speed reaches to 102 km/hour to save under warranty terms.

VII | LED Lighting

Integrated RGB-Led Hidden Stripe and Led Stripe Dimmer Lighting on sides within the structure.

- Led Stripe Dimmer Lighting

Cool White, 60 LEDs/m I +5100-6500K I 1130 lumens/m

Day Light, 120 LEDs/m I +2800-3500K I 1094 lumens/m

- RGB Led-Hidden Stripe Lighting

96 LEDs/m

VIII | Sensors

Rain, wind, sun and wind & sun sensor can be adapted for an optimum level of comfort. These smart sensors are designed to respond fully automatic based on weather conditions in a specific situation. It functions as a protection against unexpectable weather conditions. Sensors will activate an automated system that close/retract the roof and protect the furniture &underneath of covered area even if you are not able to control the system.

Wind sensor

Wind sensor monitors the gust of wind then retract your outdoor product to protect it against unexpected strong winds and offers constant protection.

The wind speed and lux value required to do this is set directly at the sensor. If the wind picks up significantly wind sensor will retract the roof depending on a pre-set wind speed. Thanks to ease of installation and minimal cabling it can be setup simply.

Sun sensor

Sun sensor provides automatic control of your outdoor coverings based on sunlight levels. It is used to respond to the intensity of the sun by controlling your pergola system accordingly.

It will adjust your roof position based on the sunlight intensity allowing you to control the sun light entering your house.

The sensor will close the roof when sunlight exceeds the set threshold automatically to create a comfortable outdoor living area by increasing energy efficiency and protecting furnishings from UV damage.

The sun sensor will activate and close the roof according to amount of light decreases.

Rain sensor

Rain sensor will automatically detect the rain and close your roof to prevent raindrops falling through open roof systems even if you are not able to control the system.

If rain is detected the pergola will be closed and the remote control will be needed to open it back.

Wind & Sun Sensor

Wind & Sun Sensor can be used together. Once the sun is above the sensitivity level the roof will close automatically to offer maximum convenience. If the wind picks up significantly wind sensor will retract the roof depending on a pre-set wind speed.

IX Closures

Systems can be completely enclosed with Sapphire automatic vertical glass system, Swind windbreaker system, Violet, Framee, Slidia or motorised Vertex zip for further protection from the elements.

Sapphire

Sapphire is an automatic vertical guillotine glass system enriched with patented worm shaft technology.

- Systems can incorporate framed tempered 8 mm and 10 mm single or 4mm+12mm+4mm / 5mm+10mm+5mm double insulated glazing.
- Optional 2 or 3 panels configurations are available up to 4 meters width and 3 meters height or 3 meters width and 3,5 meters height.
- Electrostatic powder-coated frame.
- Operation is motorised.
- Upwards or downwards parking position options.
- Fixed panels can be used as balustrades.
- The position of movable panels can be adjusted according to desired height.
- Thanks to strengthened counterweight movement mechanism motor provides balanced&silent up/down operation.
- Fully hidden motor drive.
- Switch, remote or smart home control availability.
- Fine frames with thermal and sound insulated rubber seals.
- Wide open view with up to 4 meters width vertical glass panels.

Swind

Swind is an automatic vertical up-down glass panel.

- Electrostatic powder-coated frame.
- Extruded aluminium fix panel frame.
- Concealed screws to offer clean finish.
- Horizontal counterweight for smooth motion.
- High strength belt mechanism for balanced movement.
- 10mm fixed and 8mm up-down automatic moveable tempered glass panels.
- Frameless moveable glass panel for unobstructed view.
- Led stripe dimmer lighting integrated side frame / invisible electrical cables.
- Remote control for operation of mechanism and lighting.
- Fast opening-closing cycle.
- Fully hidden compact direct drive motor system.
- Ease of installation with single or multiple modules.
- Portability with optional wheel integration.
- Availability of usage as balustrade in closed position.
- Transparent panels in standards besides Smoked, Green, Blue and Bronze color options.

Violet

Violet glass balustrade system.

- Concealed screws to offer clean finish.
- Glass fixed pane is 8+1.52 pvb+8mm.
- Led stripe dimmer lighting integrated integrated underneath the glass / invisible electrical cables.
- Remote control for operation of lighting.
- Ease of installation with single or multiple modules.
- Availability of usage as Hand Rail (Optional).
- Compact & Easy Assembly.
- Transparent panels in standards besides Smoked, Green, Blue and Bronze color options.

Framee

Framee, sliding glass system with fine-framed double glazed panels.

- Double insulated glass (6+12+6mm).
- Transparent sliding glass panels in standard besides of Blue, Green, Smoked and Bronze glass color options.
- Electrostatic powder-coated frame.
- Handle with Click Lock on first panel and Handle with Hidden Lock on the last panel on internal side of sliding panels for security measures.
- Combination availability with Vertex Zip System for sun protection.
- Available with 2,3 or 4 rails up to maximum 8 panels combined with side or central openings.
- Natural, stainless steel and black anodyse color options.

Slidia

Slidia is a sliding glass system with individual parallel glass panels.

- Electrostatic powder-coated frame.
- Features slim aluminum glass profiles.
- Individual panels can be moved horizontally with single or double slide options.
- Bottom wheel carriages with double rollers ensure optimum and smooth running even with wide glass panels.
- Successive panels can be moved by the grap mechanism.
- Height adjustable wheel carriages up to 5mm.
- Sloped rail design for efficient drainage.
- Anodised bottom rail for easy and smooth movement.
- Rain and wind resistance by double sided transparent gaskets (standard), transparent gaskets with brush or aluminum slats with brush.
- Brush and rubber cord for high frame insulation.
- Anti-slip rubber ensures safety passage and also offers ease of rail surface cleaning.
- Transparent sliding glass panels in standard besides of Blue, Green, Smoked and Bronze glass color options.
- Internal or external locking of the sliding panels by optional key lock for security measures.
- Flush Circle and Push & Pull Bar handle types and Allen&Key lock.
- Combination availability with Vertex Zip System for sun protection.
- Available with 3 or 5 rails up to maximum 10 panels, combined with side or central openings.

Vertex Zip System

Vertex is a motorised external blind system.

- It provides comfortable shade and protects aganist the UV rays.
- The system includes motorised aluminium structure.
- Each screen has a pair of identical side channels.
- Entirely powder-coated with stainless steel components.
- Maximum protection against solar radiation and penetration of heat while preserving the optimal level of natural light in the interior and contact with environment.
- The production technology of fabrics ensures a high resistance to external influences such as wind or changes in temperature and humidity.

Doors

Glass door

- Frameless hinged and frameless hydraulic glass doors are available.
- Single tempered glass (10mm).
- Available with single panel and double panels (each panel in maximum 1000mm).
- Flush Circle and Push & Pull Bar handle types and Allen&Key lock.
- Transparent panels in standards besides Smoked, Green, Blue and Bronze color options.
- Handle position height can be adjusted as desired (Standard height value is 110cm).
- Allen&Key lock for security.

Framed glass door

- Hinged and hydraulic framed glass doors are available.
- Electrostatic powder-coated frame.
- Available with double insulated single panel and double panels (each panel in maximum 1000mm).
- Double insulated glass (4+11+4mm).
- Transparent panels in standards besides Smoked, Green, Blue and Bronze color options.
- Handle position height can be adjusted as desired (Standard height value is 110cm).
- Internal or external locking of the sliding panels by optional key lock for security measures.
- Push & Pull Bar handle types.
- Pull Handle/ Lock.

Photocell Door

- Aluminum framed automatic glass door.
- Electronic lock.
- Possibility of manuel usage in emergency situations.
- Electrostatic powder-coated frame.
- Available in Laminated glass (4+4mm).
- Single panel and double panel options (each panel in maximum 1000mm).
- Fast opening-closing cycle and insulation materials for preserving heat balance between indoor and outdoor.
- Transparent panels in standards besides Smoked, Green, Blue and Bronze color options.
- One side button or double side button and double sided transition control types.

X | Structure Color Options / Finishes

- The products are available with a wide range of colour options in standard or architectural textured coatings.
- In addition to standard RAL colors, Exclusive and Texture range aluminium colors can be offered.
- QualiMarine and Qualanod finishes are also available beside of Qualicoat finishes.

XI | Warranty

	Exxen	Sapphire	Swind	Violet	Framee	Slidia	Vertex
Structure& Coating	5 years	5 years	5 years	5 years	5 years	5 years	5 years
Motor&Control Units	2 years	2 years	2 years	2 years	2 years	2 years	2 years
Lighting& Control Units	2 years	N/A	2 years	2 years	N/A	N/A	N/A

*End user and installation defects are not covered.

Overview

Operations

Retractable

Lighting Options

Led Stripe Dimmer Lighting

Cool White

Day Light

RGB Led-Hidden Stripe Lighting

Optional

Insulation Foam

Edge Cover Profile

With

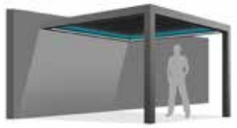
Without

Installation Types

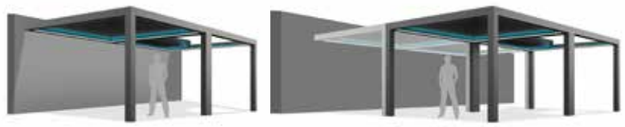
Self Standing
Single Module

Self Standing
Multiple Modules

Wall Mounting
Single Module



Wall Mounting
Multiple Modules



Sensors

- Rain Sensor
- Wind Sensor
- Sun Sensor
- Wind&Sun Sensor

Closures

Sapphire

Swind

Violet

Framee

Slidia

Vertex Zip System

ROTA

Innovative concept - Intelligence & elegance adding to outdoor living spaces

Rota is taking its name from the rotational motion function and it is an aluminum bioclimatic system that enhances the aesthetics of your outdoor living areas with its high performance which enables you to create four seasons climate and ventilate the usage area thanks to its rotatable louvres.

Aluminum louvres come to an upright position, allowing you to ventilate your outdoor area to breathe and naturally regulate the temperature while protecting from any kind of weather conditions. The aluminium louvres can be stopped at the desired angle and the level of sunlight and airflow of the area can be easily adjusted.

System has a maximum width of 4 meters and projection of 6 meters and capable of covering various types of areas with flexible installation solutions.

System is harmonized with upgrades and creates a stunning touch for outdoor areas. It is equipped with hi-end technology combined with innovative concepts that converts any outdoor space into a comfortable and functional living area. System can create premium combinations with many structures with its minimalistic lines and finishes.

Rota fits perfectly in all architectural designs and presents endless modulation possibilities that enlarge terraces, gardens, hotels and restaurants with modern and timeless appearance.

RGB Led-Hidden Stripe Lighting

Led Stripe Dimmer Lighting

Led Stripe Dimmer Lighting illuminates all around the system and creates a warm atmosphere. Dimmable Soft Led Stripe lighting on sides within the structure provides intensity of day light or cool white options.

RGB Led-Hidden Stripe Lighting provides ultimate luxury by creating distinctive atmosphere in outdoor living areas with infinitive colour options.

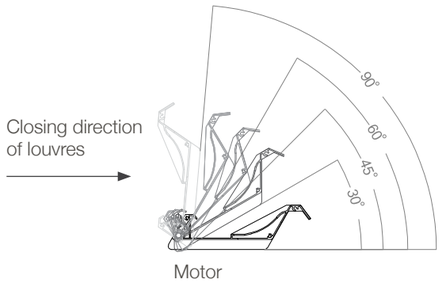
Operations

Fully Closed

Tilted

Tilted & Fully Closed

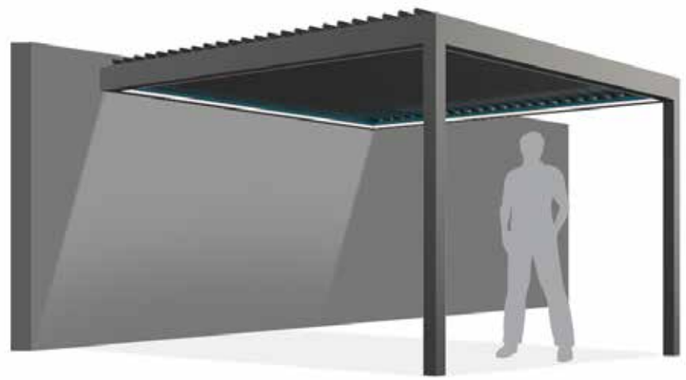
Louvre Closing Direction



Tilting Directions

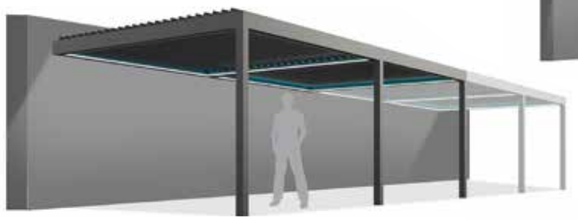
Flexible installation methods are available with wall mounting and free standing installations and they can even be served as a roof assembled to existing frameworks.

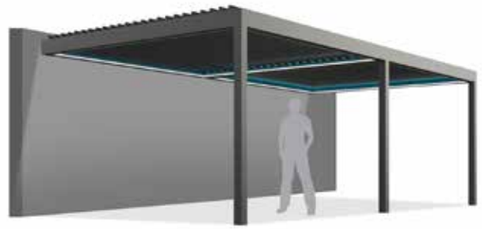
Self Standing
Single Module



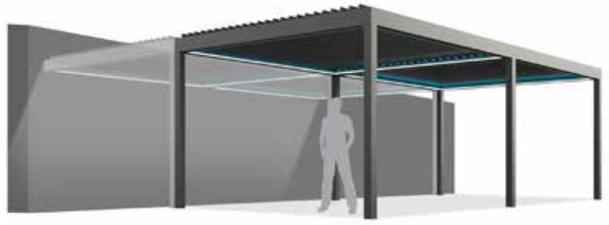
Wall Mounting
Single Module

Self Standing
Multiple Modules

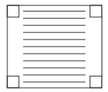




Wall Mounting
Multiple Modules



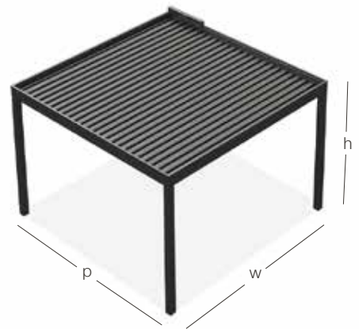
Blocked assembly for customized modules with a wide range of flexible combinations.

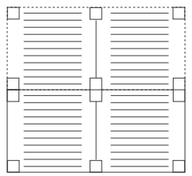


(w) Width
1000 mm < 4000 mm

(p) Projection
1134 mm < 6032 mm

(h) Height
3000 mm

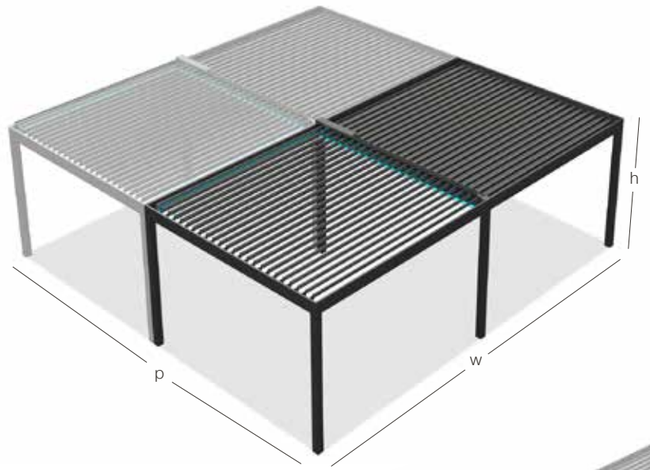


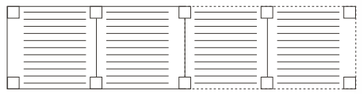


(w) Width
2000 mm < 8000 mm

(p) Projection
2268 mm < 12064 mm

(h) Height
3000 mm

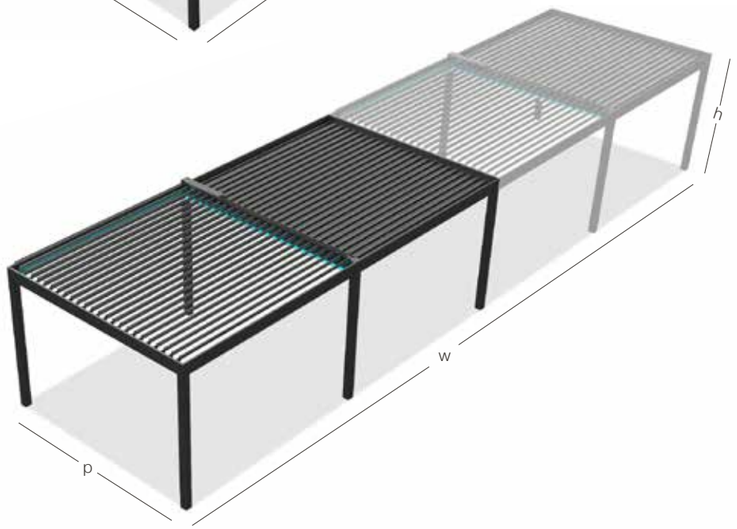




(w) Width
4000 mm < 16000 mm

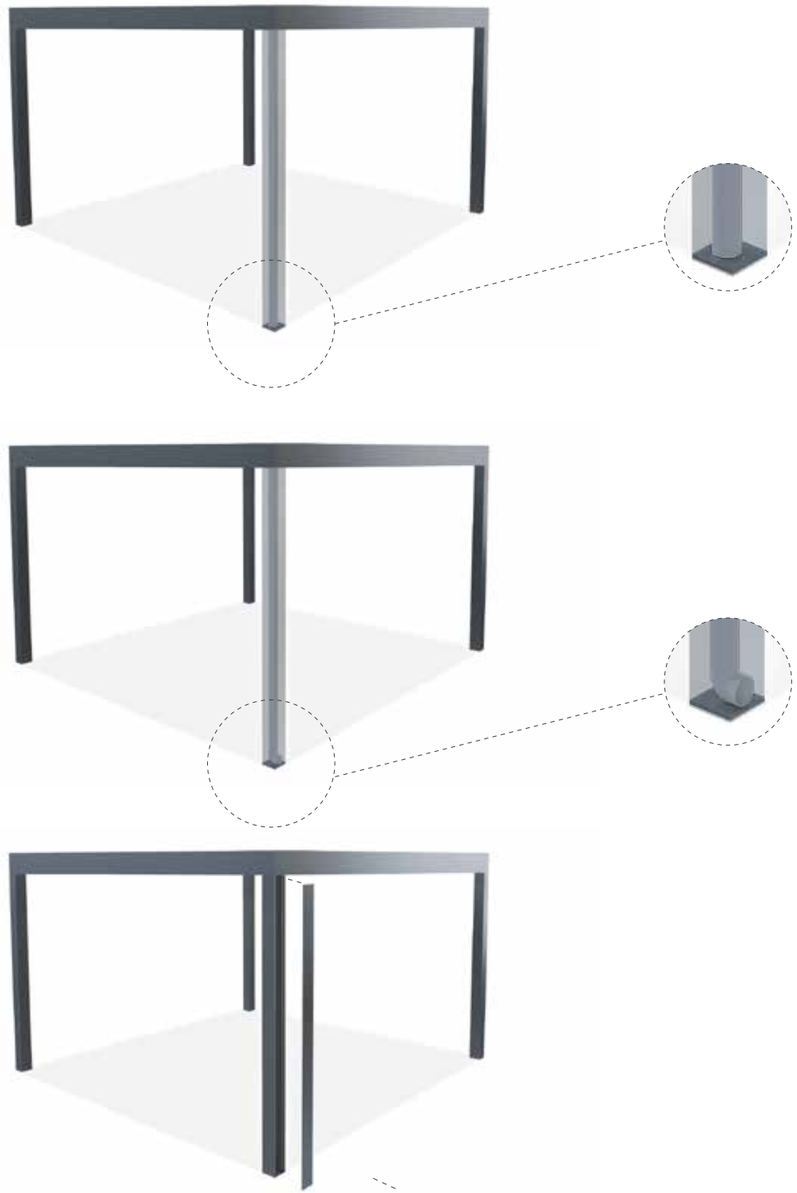
(p) Projection
1134 mm < 6032 mm

(h) Height
3000 mm

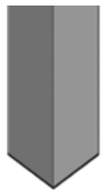


Intra-Column Drainage Pipe

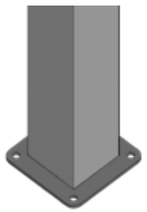
The water can be drained through internal drainage pipe and it eliminates factors that could block correct water flow. Intra-column drainage pipe collects the water and discharges to the ground.



Column Base Options

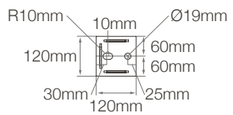


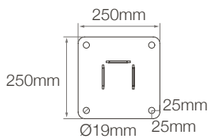
Hidden
(Standard)



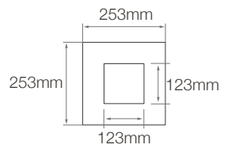
Flange

Flange
Cover Cap

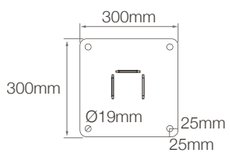


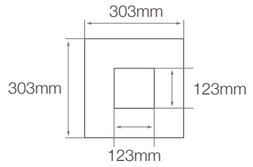


Thickness: 10mm

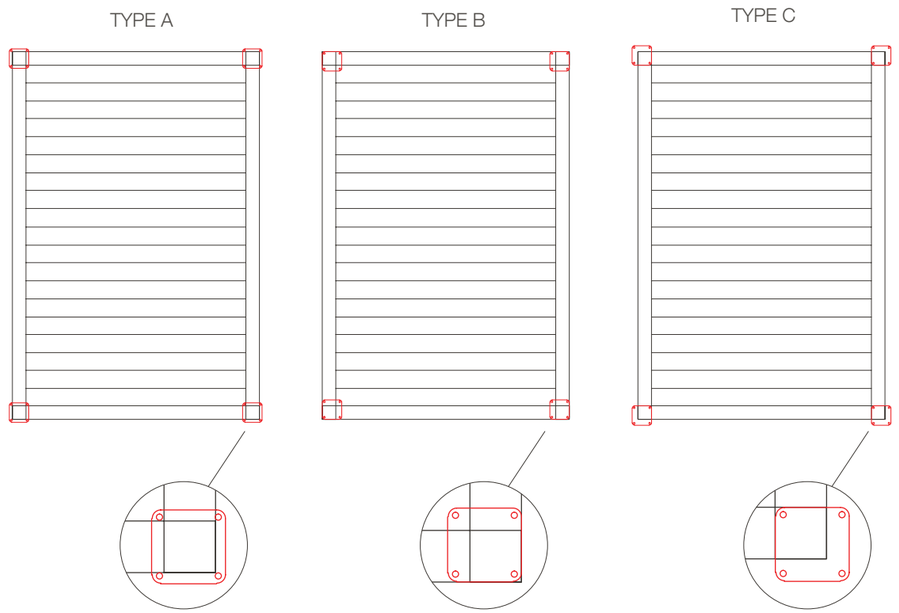


H: 25mm
Thickness: 15mm



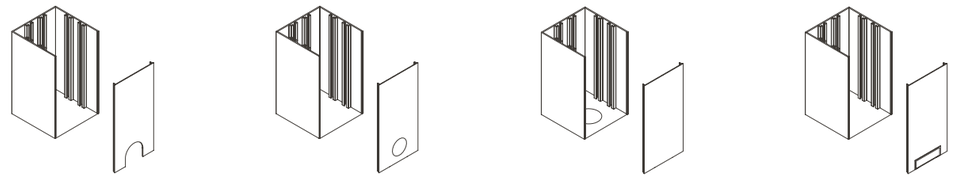


Flange Positions



To be chosen only with flange option.

Drainage Types



TYPE I

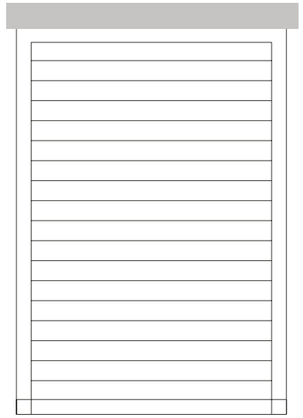
TYPE II

TYPE III

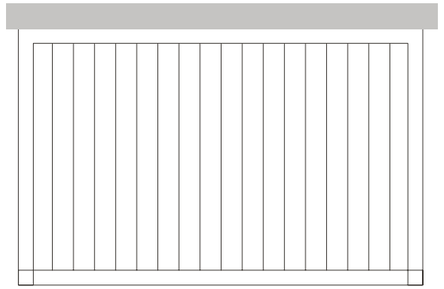
TYPE IV

Wall Installation Louvre Positions

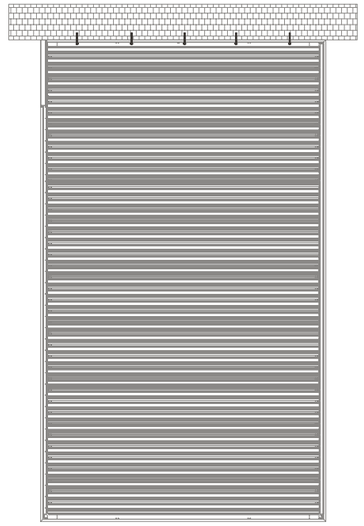
Parallel To Wall

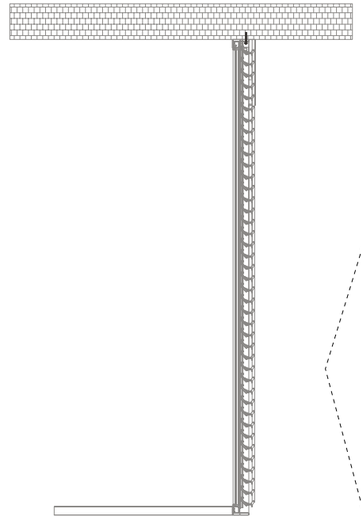


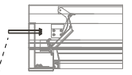
Vertical To Wall



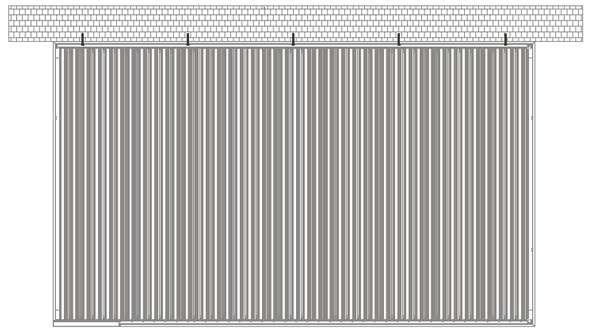
Mounting

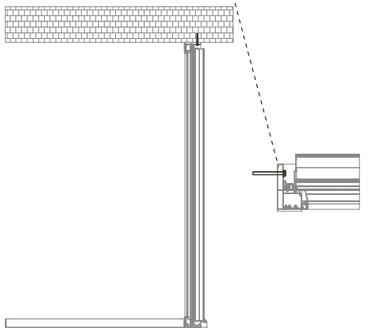




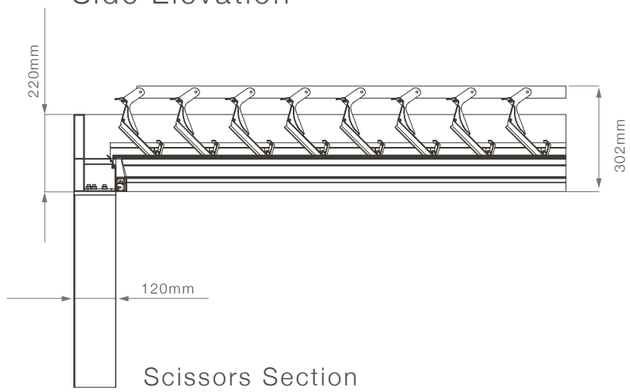


Easy wall mounting by screwing inox bolts through gutter profile. Any additional brackets are not required.

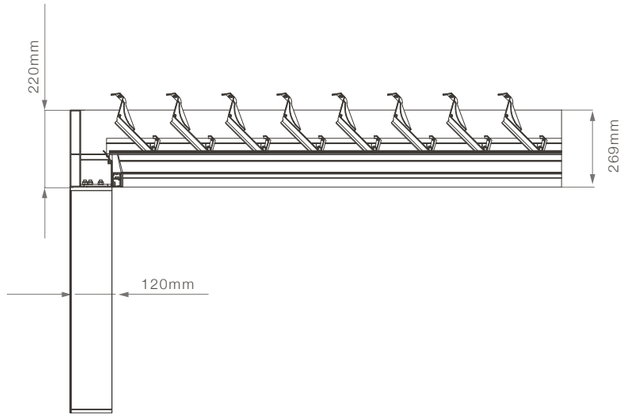




Side Elevation



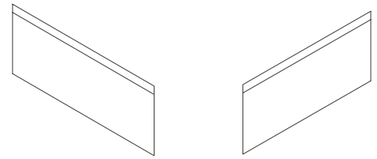
Scissors Section

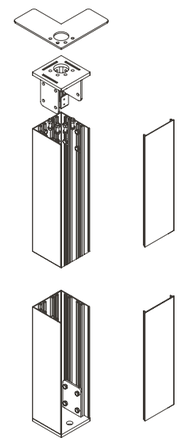


Column Connection

Thanks to ease of column base assembly each column can be installed practically through a series of simple operations that guarantee installation quality and speed to reduce number of staff required.

The front column cap can be pulled out simply and inner column cavity conceals the wiring cables of heater, speaker and automation to provide clean appearance.

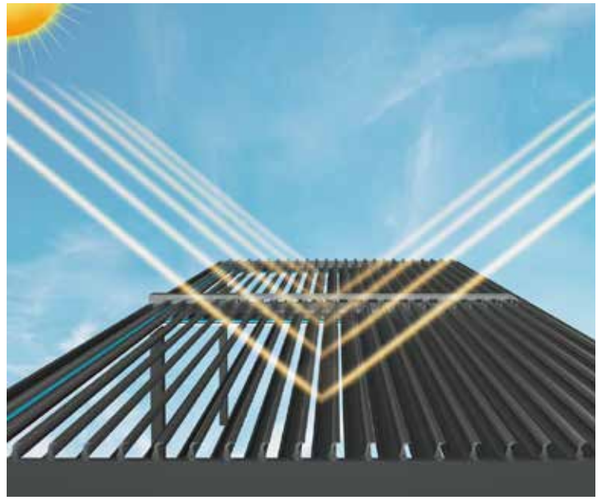




Louvre Stormguard Seal

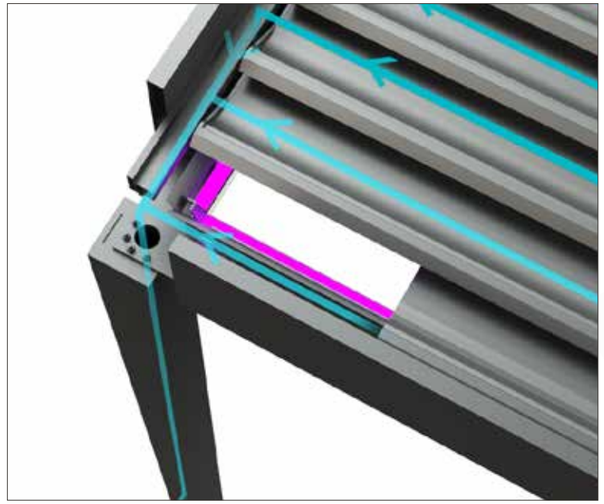
Sealing solution stops water dripping over louvre gutter channel by providing a soft cushioning barrier between point of louvre junction.

Slightly opening of louvres creates natural air flow for application areas.



Protecting from sun exposure while ensuring air ventilation under the system .

Ensuring waterproof coverage when louvres are in fully closed position.



Each channel on louvres drain the water through four sided gutters connected with columns.

Functional seal entegrated on louvre channels provides maximum protection from water dripping.

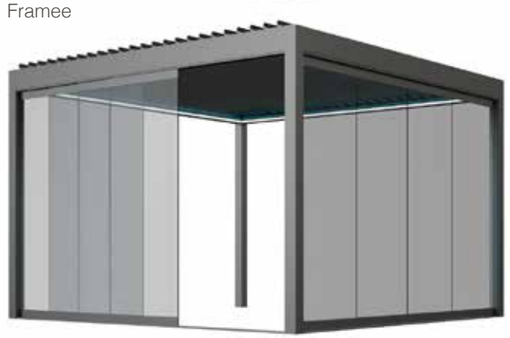
Closures

Sapphire Glass System
Sapphire can be adapted to Rota system and offers a maximum clear span that provides unobstructed view & minimalistic style. The system is operated by just the touch of button.

Swind
Swind can be combined with also Rota system and offers adequate wind breaking with the option of total transparency by incorporating the function of balustrade. Thanks to led stripe dimmer lighting integrated side frame the fixed panel assigns distinctive appeal. The system is modular and completely flexible as there are no limits in the horizontal direction that can be used to surround spaces of all types and sizes.

Violet
The adaptability of Violet balustrade glass with Rota creates a stunning visual transparency without lacking of obstruction to lines of sight. The stylish lighting solution that is integrated underneath the glass highlights attractive aspect of the design by amplifying overall aesthetic of outdoors. Thanks to flexible and multiple modular implementations, system can be used to cover comprehensive areas without limitation in the horizantal direction.

Framee



Slidia

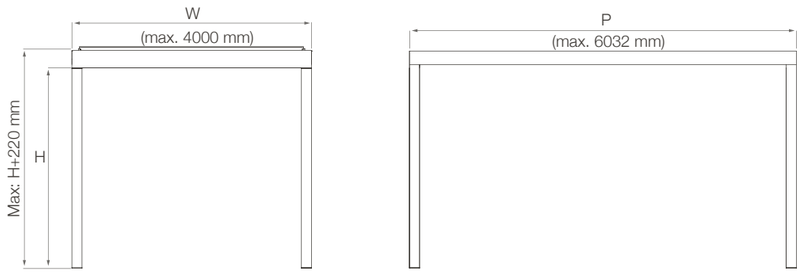
Sliding Glass System
The combination of the sliding glass system with Rota ensures efficacious protection from wind and rain. The aluminium frames which cover each glass panel provide maximum safety standards and practicality with elegance details.

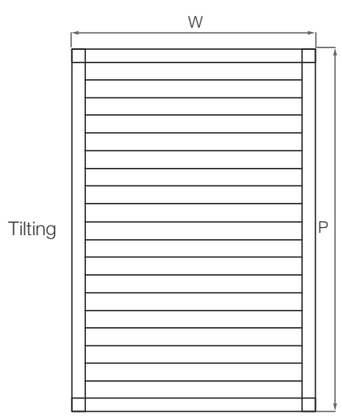
Vertex Zip System
The minimalist, slimlane, contemporary design of the zip system provides comfortable shade and protects aganist the UV rays. The system includes motorised aluminium structure, entirely powder-coated with stainless steel bolts and screws.

Dimension Ranges

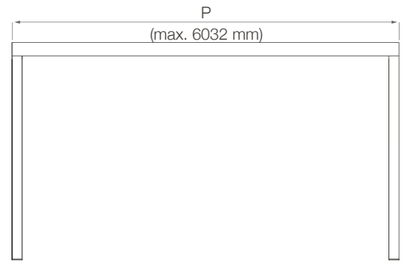
Width dimension: Any customised values between 1800mm and 4000mm
Projection dimension: Adjustable according to louvre quantity

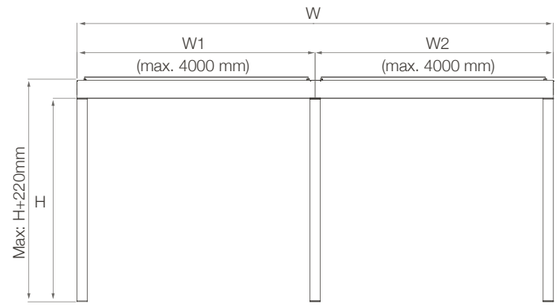
Single Module
W: 1000 mm < 4000 mm
P: 1134 mm < 6032 mm

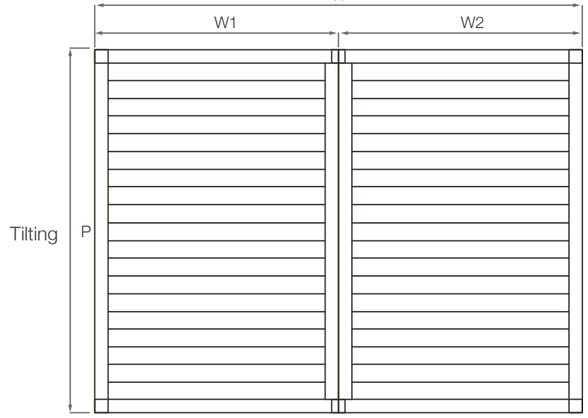




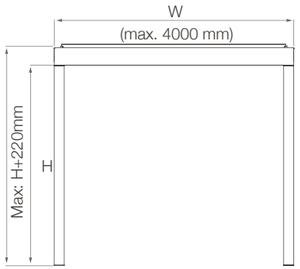
Multiple Modules Joining Type 1
W: 2000 mm < 8000 mm
P: 1134 mm < 6032 mm

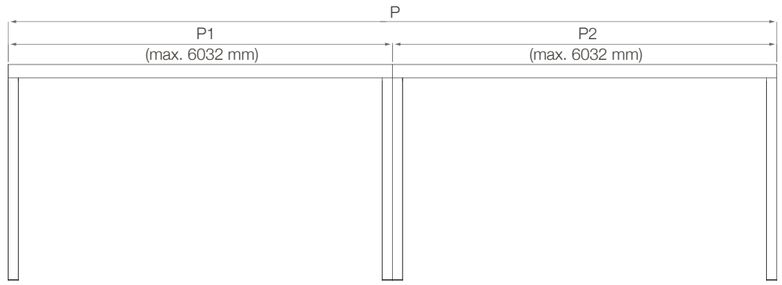


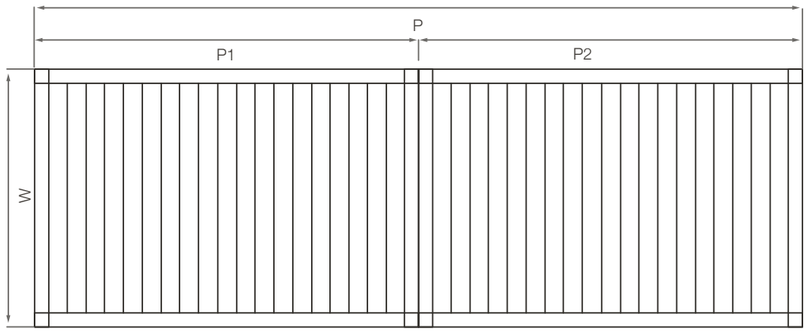




Multiple Modules Joining Type 2
W: 1000 mm < 4000 mm
P: 2268 mm < 12064 mm







Tilting

Order Form

ROTA

Company Name:
Order Reference:

Order Date:

INSTALLATION TYPES

- ☐ Self Standing
- ☐ Wall Mounting
  - ☐ Louvres Parallel to Wall
    Louvres Vertical to Wall

QUANTITY: ..... pc

☐ If modules are multiple and each module is in different width or projection. Please provide details (single module max. dimension is 4000x6032 mm)

DIMENSIONS

W - Total Width..... mm
P - Projection ..... mm
H - Post Height..... mm
Total Number of Posts Required ..... pc

☐ Type 1	☐ Type 2
W1 ..... mm	P1 ..... mm
W2 ..... mm	P2 ..... mm
....	....
....	....

POWDER-COAT COLORS

Structure

RAL colors	Exclusive colors	Texture colors	
☐ 9016	☐ OGN35	☐ ST9010	☐ Other ...
☐ 1013	☐ OS561	☐ ST9001	
☐ 9006	☐ OY395	☐ ST1013	
☐ 7006	☐ OGN39	☐ ST7039	
☐ 7016	☐ ON617	☐ ST7016	
☐ 9005	☐ ON611	☐ ST8019	

Louvres

RAL colors	Exclusive colors	Texture colors	
☐ 9016	☐ OGN35	☐ ST9010	☐ Other ...
☐ 1013	☐ OS561	☐ ST9001	
☐ 9006	☐ OY395	☐ ST1013	
☐ 7006	☐ OGN39	☐ ST7039	
☐ 7016	☐ ON617	☐ ST7016	
☐ 9005	☐ ON611	☐ ST8019	

LED LIGHTS

- ☐ Led Stripe Dimmer Lighting
  - ☐ Cool White
  - ☐ Day Light
- ☐ RGB Led - Hidden Stripe Lighting

SENSORS

- ☐ Rain Sensor
- ☐ Wind Sensor

OPTIONALS

- ☐ Additional Post

COLUMN BASE OPTIONS

- ☐ Hidden (Standard)
- ☐ Flange
- ☐ Flange With Cover Cap

FLANGE POSITIONS

- ☐ Type A
- ☐ Type B
- ☐ Type C

DRAINAGE TYPES

- ☐ Type I
- ☐ Type II
- ☐ Type III
- ☐ Type IV

PACKAGING

- ☐ Standard
- ☐ Wooden Crate
  Extra cost

☐ ADDITIONAL NOTES & DRAWINGS ATTACHED

Technical Details

Max. width for single module	4000 mm
Max. projection single module	6032 mm
Rafter profile dimension	120x220 mm
Post dimension	120x120 mm
Louvre dimension	150 mm
Louvre quantity in max. size	37 pcs
Louvre can be tilted up to	90°

Automation	included
Control unit	included
Led Stripe Dimmer lighting	optional
RGB Led - Hidden Stripe lighting	optional
Insulation foam	N/A
Edge cover profile	N/A
Drainage pipe	optional
Flange	optional
Rain Sensor	optional
Wind Sensor	optional

Technical Specifications
Rota

Technological Outdoor Covering System
With Rotating Louvres.

Description

Rota is an ideal technological outdoor covering system for creating outdoor living spaces along with its rotational louvre movement.

Dimensions

One module

Width 1000 mm < 4000 mm

Projection 1134 mm < 6032 mm

Column Height 3000 mm

- Blocked assembly for customized modules with a wide range of flexible combinations.

Technical Characteristics

- Extruded aluminium frame, blades & gutters - clean edges.
- Electrostatic powder-coated frame.
- High-quality aluminum extrusion profiles (Aluminium Alloy 6063-T6).
- Concealed screws to offer clean finish.
- High grade stainless steel connection components.
- Large span with 4000mm dimension.
- Remote control for operation of mechanism and lighting.
- Invisible 15 mm slope on louvres for maximum water flow efficiency.
- Adjustable louvres for any position within the 90° range.
- Dimmer option to adjust lux intensity.
- Air and water insulation between joining axis of multiple applications is provided by U profile.
- Applicability of guillotine, sliding / sliding frame / folding glass and zip systems.
- Fully waterproof coverage when louvres are in fully closed position.
- Functional seal integration on louvre channel to prevent water leaking and provide extra insulation.
- Seal integration along structure for water insulation and temperature resistance.

- The water is flowed down to the main gutters by special drainage channels along the louvres and drained through columns.
- Internal rainwater down-pipe for columns.
- IP68 protection class,12/24VDC power supplied linear actuator motor with stainless steel piston rod that enables the louvre to rotate.
- Production in compliance with CE, ISO 9001, ISO 1400 and NVA standarts.
- In addition to standart RAL colors, Exclusive and Texture range aluminium.
- Functional louvre lay out in parallel or vertical position to wall.

II | Profile Section Dimensions

Rafter / Gutter : 120 mm x 220 mm x 2,5 mm

Column : 120 mm x 120 mm x 2,5 mm

Louvre : 206 mm x 50 mm x 1,8 mm

III | Installation Methods

- Individual modules can be customised according to specified finish up to 4000mm width and 6032mm projection with flexible installation methods such as integration into existing frameworks, wall mounting and free standing for larger outdoor areas.
- System can be assembled as single or multiple modules.

IV | Columns

- Dimensions: 120 x 120 mm x 2,5 mm
- Simple column assembly.
- The column cap profile can be pulled out simply and inner column cavity conceals the wiring cables of heater, speaker or automation to provide pure appearance.
- 3 different column base options: Hidden, Flange, Flange With Cover Cap.

V | Weather Resistance

Wind Resistance

- Wind rating up to Beaufort number 10 (up to 102km/h).

Water Drainage

- The four sided gutter for completely ensured waterproofness.
- Optional PVC pipe (Ø45) integration inside columns.
- Customised drain points flexibity.

VI | Additional Equipments

- Heater, speaker or other automations can be integrated into the system.
- Rain and wind sensor can be adapted.

Rain sensor closes the blades automatically when it rains.

The blades should be closed when wind speed reaches to 102 km/hour to save under warranty terms.

VII | LED Lighting

Integrated RGB-Led Hidden Stripe and Led Stripe Dimmer Lighting on sides within the structure.

- **Led Stripe Dimmer Lighting**

Cool White, 60 LEDs/m I +5100-6500K I 1130 lumens/m

Day Light, 120 LEDs/m I +2800-3500K I 1094 lumens/m

- **RGB Led-Hidden Stripe Lighting**

96 LEDs/m

VIII | Sensors

Wind and rain sensors can be adapted for an optimum level of comfort. These smart sensors are designed to respond fully automatic based on weather conditions in a specific situation. It functions as a protection against unexpectable weather conditions.
Sensors will activate an automated system that close/retract the roof and protect the furniture & underneath of covered area even if you are not able to control the system.

Wind sensor

Wind sensor monitors the gust of wind then retract your outdoor product to protect it against unexpected strong winds and offers constant protection.
The wind speed and lux value required to do this is set directly at the sensor. If the wind picks up significantly wind sensor will close the roof depending on a pre-set wind speed. Thanks to ease of installation and minimal cabling it can be setup simply.

Rain sensor

Rain sensor will automatically detect the rain and close your roof to prevent raindrops falling through open roof systems even if you are not able to control the system.
If rain is detected the pergola will be closed and the remote control will be needed to open it back.

IX Closures

Systems can be completely enclosed with Sapphire automatic vertical glass system, Swind windbreaker system, Violet, Framee, Slidia or motorised Vertex zip for further protection from the elements.

Sapphire

Sapphire is an automatic vertical guillotine glass system enriched with patented worm shaft technology.

- Systems can incorporate framed tempered 8 mm and 10 mm single or 4mm+12mm+4mm / 5mm+10mm+5mm double insulated glazing.
- Optional 2 or 3 panels configurations are available up to 4 meters width and 3 meters height or 3 meters width and 3,5 meters height.
- Electrostatic powder-coated frame.
- Operation is motorised.
- Upwards or downwards parking position options.
- Fixed panels can be used as balustrades.
- The position of movable panels can be adjusted according to desired height.
- Thanks to strengthened counterweight movement mechanism motor provides balanced&silent up/down operation.
- Fully hidden motor drive.
- Switch, remote or smart home control availability.
- Fine frames with thermal and sound insulated rubber seals.
- Wide open view with up to 4 meters width vertical glass panels.

Swind

Swind is an automatic vertical up-down glass panel.

- Electrostatic powder-coated frame.
- Extruded aluminium fix panel frame.
- Concealed screws to offer clean finish.
- Horizontal counterweight for smooth motion.
- High strength belt mechanism for balanced movement.
- 10mm fixed and 8mm up-down automatic moveable tempered glass panels.
- Frameless moveable glass panel for unobstructed view.
- Led stripe dimmer lighting integrated side frame / invisible electrical cables.
- Remote control for operation of mechanism and lighting.
- Fast opening-closing cycle.
- Fully hidden compact direct drive motor system.
- Ease of installation with single or multiple modules.
- Portability with optional wheel integration.
- Availability of usage as balustrade in closed position.
- Transparent panels in standards besides Smoked, Green, Blue and Bronze color options.

Violet

Violet glass balustrade system.

- Concealed screws to offer clean finish.
- Glass fixed pane is 8+1.52 pvb+8mm.
- Led stripe dimmer lighting integrated integrated underneath the glass / invisible electrical cables.
- Remote control for operation of lighting.
- Ease of installation with single or multiple modules.
- Availability of usage as Hand Rail (Optional).
- Compact & Easy Assembly.
- Transparent panels in standards besides Smoked, Green, Blue and Bronze color options.

Framee

Framee, sliding glass system with fine-framed double glazed panels.

- Double insulated glass (6+12+6mm).
- Transparent sliding glass panels in standard besides of Blue, Green, Smoked and Bronze glass color options.
- Electrostatic powder-coated frame.
- Handle with Click Lock on first panel and Handle with Hidden Lock on the last panel on internal side of sliding panels for security measures.
- Combination availability with Vertex Zip System for sun protection.
- Available with 2,3 or 4 rails up to maximum 8 panels combined with side or central openings.
- Natural, stainless steel and black anodyse color options.

Slidia

Slidia is a sliding glass system with individual parallel glass panels.

- Electrostatic powder-coated frame.
- Features slim aluminum glass profiles.
- Individual panels can be moved horizontally with single or double slide options.
- Bottom wheel carriages with double rollers ensure optimum and smooth running even with wide glass panels.
- Successive panels can be moved by the grap mechanism.
- Height adjustable wheel carriages up to 5mm.
- Sloped rail design for efficient drainage.
- Anodised bottom rail for easy and smooth movement.
- Rain and wind resistance by double sided transparent gaskets (standard), transparent gaskets with brush or aluminum slats with

brush.

- Brush and rubber cord for high frame insulation.
- Anti-slip rubber ensures safety passage and also offers ease of rail surface cleaning.
- Transparent sliding glass panels in standard besides of Blue, Green, Smoked and Bronze glass color options.
- Internal or external locking of the sliding panels by optional key lock for security measures.
- Flush Circle and Push & Pull Bar handle types and Allen&Key lock.
- Combination availability with Vertex Zip System for sun protection.
- Available with 3 or 5 rails up to maximum 10 panels, combined with side or central openings.

Vertex Zip System

Vertex is a motorised external blind system.

- It provides comfortable shade and protects aganist the UV rays.
- The system includes motorised aluminium structure.
- Each screen has a pair of identical side channels.
- Entirely powder-coated with stainless steel components.
- Maximum protection against solar radiation and penetration of heat while preserving the optimal level of natural light in the interior and contact with environment.
- The production technology of fabrics ensures a high resistance to external influences such as wind or changes in temperature and humidity.

Doors

Glass door

- Frameless hinged and frameless hydraulic glass doors are available.
- Single tempered glass (10mm).
- Available with single panel and double panels (each panel in maximum 1000mm).
- Flush Circle and Push & Pull Bar handle types and Allen&Key lock.
- Transparent panels in standards besides Smoked, Green, Blue and Bronze color options.
- Handle position height can be adjusted as desired (Standard height value is 110cm).
- Allen&Key lock for security.

Framed glass door

- Hinged and hydraulic framed glass doors are available.
- Electrostatic powder-coated frame.
- Available with double insulated single panel and double panels (each panel in maximum 1000mm).
- Double insulated glass (4+11+4mm).
- Transparent panels in standards besides Smoked, Green, Blue and Bronze color options.
- Handle position height can be adjusted as desired (Standard height value is 110cm).
- Internal or external locking of the sliding panels by optional key lock for security measures.
- Push & Pull Bar handle types.
- Pull Handle/ Lock.

Photocell Door

- Aluminum framed automatic glass door.
- Electronic lock.
- Possibility of manuel usage in emergency situations.
- Electrostatic powder-coated frame.
- Available in Laminated glass (4+4mm).
- Single panel and double panel options (each panel in maximum 1000mm).
- Fast opening-closing cycle and insulation materials for preserving heat balance between indoor and outdoor.
- Transparent panels in standards besides Smoked, Green, Blue and Bronze color options.
- One side button or double side button and double sided transition control types.

X Structure Color Options / Finishes

- The products are available with a wide range of colour options in standard or architectural textured coatings.
- In addition to standard RAL colors, Exclusive and Texture range aluminium colors can be offered.
- QualiMarine and Qualanod finishes are also available beside of Qualicoat finishes.

XI Warranty

	Rota	Sapphire	Swind	Violet	Framee	Slidia	Vertex
Structure& Coating	5 years	5 years	5 years	5 years	5 years	5 years	5 years
Motor&Control Units	2 years	2 years	2 years	2 years	2 years	2 years	2 years
Lighting& Control Units	2 years	N/A	2 years	2 years	N/A	N/A	N/A

*End user and installation defects are not covered.

Overview

Operations

Tilting

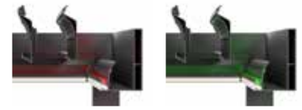
Lighting Options

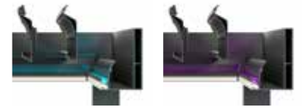
Led Stripe Dimmer Lighting

Cool White

Day Light

RGB Led-Hidden Stripe Lighting





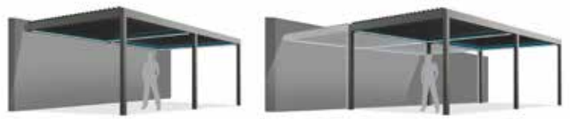
Installation Types

Self Standing Single Module

Self Standing Multiple Modules

Wall Mounting Single Module

Wall Mounting Multiple Modules



Sensors

Rain Sensor

Wind Sensor

Closures

Sapphire

Swind

Violet

Framee

Slidia

Vertex Zip System

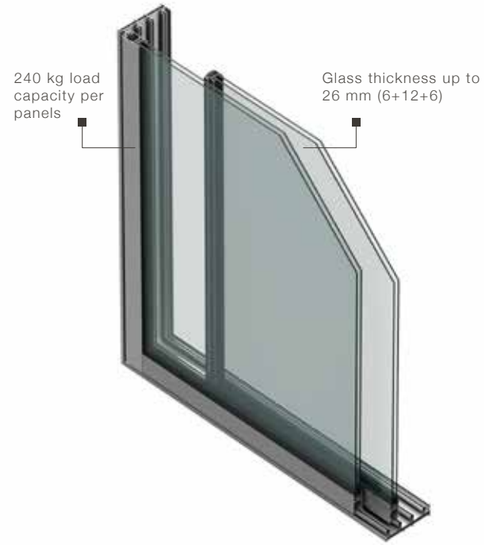
FRAMEE

Framee is sliding glass system with fine-framed double glazed panels

System is made of fine-framed aluminum profiles with modern design & suitable especially for large-area applications and completed with stylish and functional accessories perfectly matching with modern architectural living spaces. System offers a comfortable sliding with silent movement and allows individual sliding panels to be moved horizontally to one side or both in parallel.

Framee provides reinforced profile designs for customized static values, condensated frame profile design as well as glazing up to 26mm thickness.

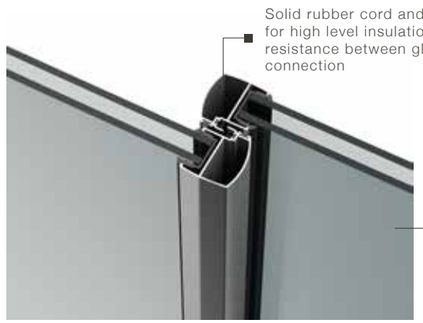
System is ease of install with compact connection details.



Drainage holes on bottom rail for efficient water draining

Bottom wheel carriages with double rollers ensure optimum and smooth running sliding with wide glass panes

Stainless steel bottom rail for easy and smooth movement



Solid rubber cord and brush for high level insulation and resistance between glass panels connection

6+12+6mm tempered insulated double glass

Taking up minimum space in open position up to 8 panels option

Rubber cord for feature a smooth, compact look and concealed soft-close technology

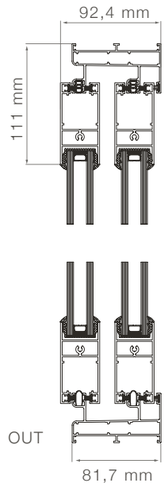
Special sloped rail design for efficient drainage

Brush seal on joint point of panels for maximazing air insulation

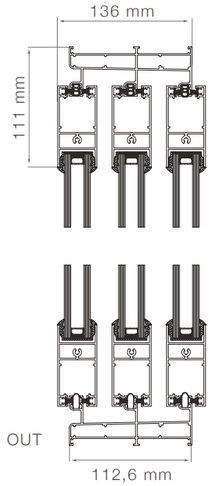
Adjustable panel height up to 5mm

Section Details

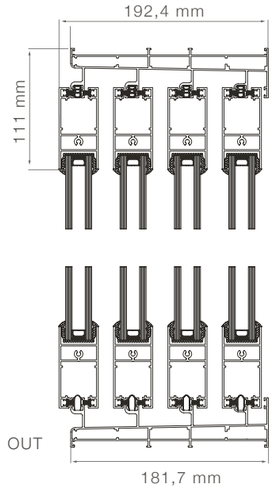
2 Rails



3 Rails



4 Rails



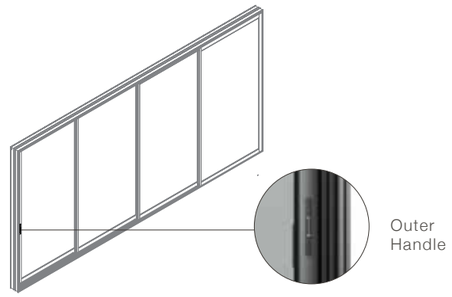
Technical Specifications	Measurements	
System Depth	Frame Sash	62/75/81 mm 38 mm
Air Permeability	Fixed Opening Sash	20-28/6-14 mm 23/26 mm

* Take double glazing thickness tolerances into consideration.

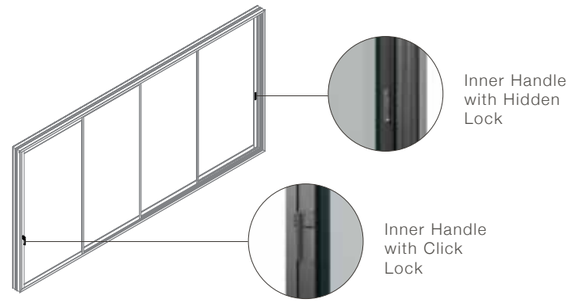
Performance Criteria	Classification	Test Standards
Thermal Transm. Coeff.*	-	-
Air Permeability	Class 8A (450 Pa)	EN 1026 EN 12207
Water Tightness	Class 4 (600 Pa)	EN 1027 EN 12208
Resistance to Wind	Class B2 (800 Pa)	EN 12210

* Special condensation calculations for the project were seperately carried out.
** Please contact us to obtain reports that cantain the relevant performance values.

Handles & Lock Positions



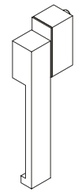
OUTER VIEW



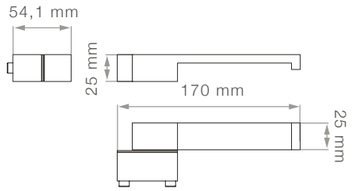
INNER VIEW

Handles & Lock Types

Inner Handle with Click Lock

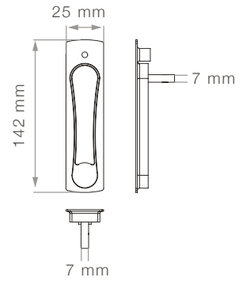


Section Details



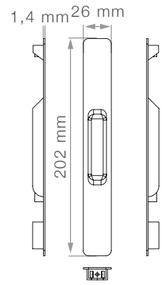
Inner Handle with Hidden Lock

Section Details



Outer Handle

Section Details



Anodising Brushed Color Options

Natural

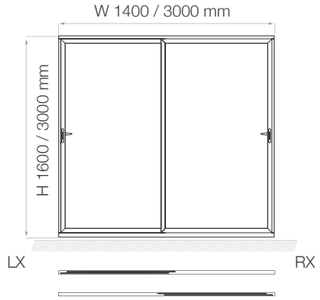
Metallic

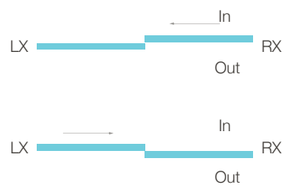
Black

From natural and metallic to anodizing brushed color options give a sleek and elegant finish to systems.

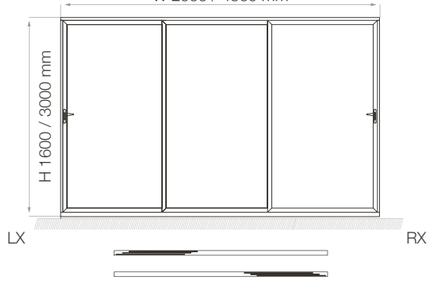
Single Slide

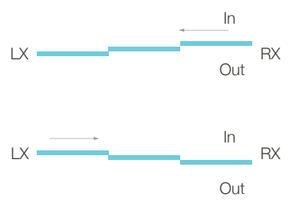
2 Rails 2 Panels



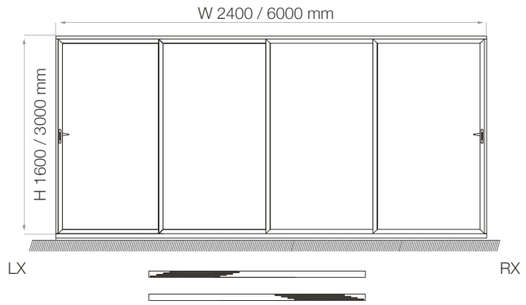


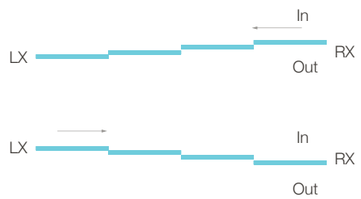
3 Rails 3 Panels





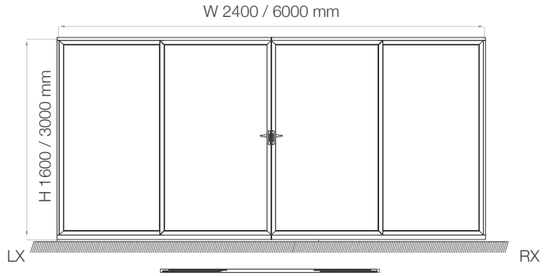
4 Rails 4 Panels

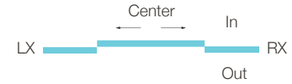




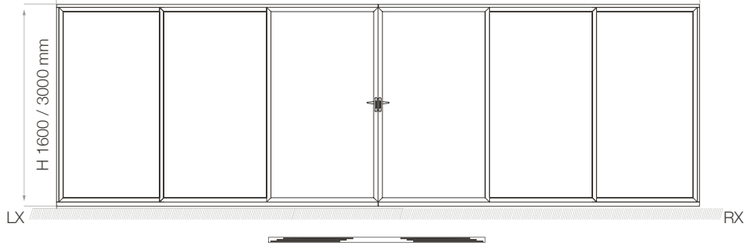
Double Slide

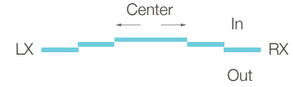
2 Rails 4 Panels



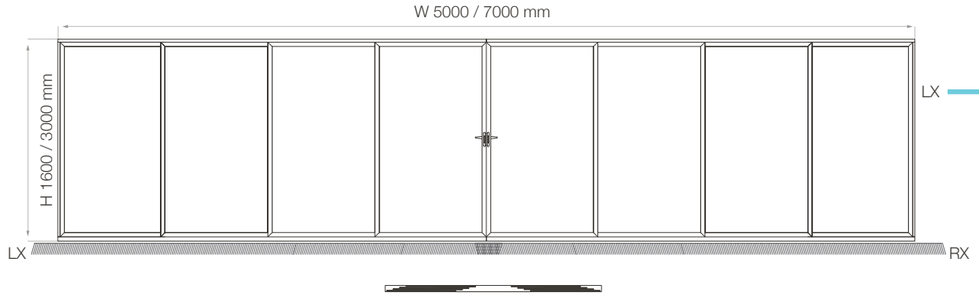


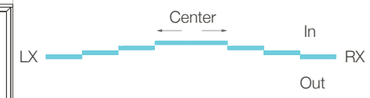
3 Rails 6 Panels





4 Rails 8 Panels





Order Form

FRAMEE

Company Name:
Order Reference:

Order Date:

QUANTITY: ..... pc

DIMENSIONS

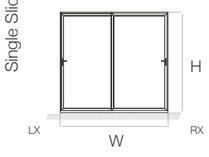
W - Width :.....mm
H - Height :.....mm

PANEL TYPES

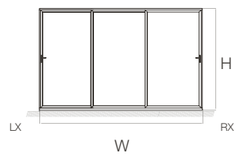
SLIDE DIRECTIONS

Single Slide

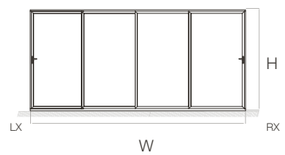
☐ 2 Rails 2 Panels



☐ 3 Rails 3 Panels



☐ 4 Rails 4 Panels



Single Side Direction

☐ RX to LX

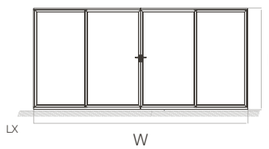
☐ LX to RX

Double Side Direction

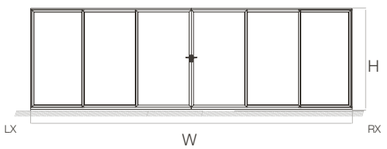
*Center to RX and LX

Double Slide

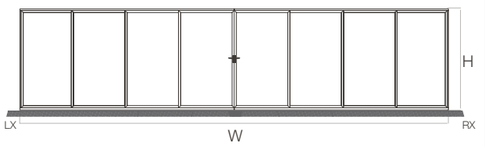
☐ 2 Rails 4 Panels



☐ 3 Rails 6 Panels



☐ 4 Rails 8 Panels



POWDER-COAT COLORS

RAL colors

- ☐ 9016
- ☐ 1013
- ☐ 9006
- ☐ 7006
- ☐ 7016
- ☐ 9005

Exclusive colors

- ☐ OGN35
- ☐ OS561
- ☐ OY395
- ☐ OGN39
- ☐ ON617
- ☐ ON611

Texture colors

- ☐ ST9010
- ☐ ST9001
- ☐ ST1013
- ☐ ST7039
- ☐ ST7016
- ☐ ST8019

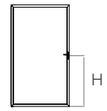
☐ Other ...

HANDLE COLORS

- ☐ Natural
- ☐ Metallic
- ☐ Black

(Anodising brushed)

HANDLE POSITION



H:.....cm

*Standard height value is 110 cm.

GLASS COLORS

- ☐ TR22 / Transparent
- ☐ SM33 / Smoked
- ☐ GN44 / Green
- ☐ BL55 / Blue
- ☐ BR66 / Bronze
- ☐ Other.....

☐ ADDITIONAL NOTES & DRAWINGS ATTACHED

VIOLET

Minimal seperation way for exteriors...

Violet is a glass balustrade system that can be applied in various application areas with its modern and minimalistic design. System provides the simplicity and elegance demanded by today's world at the same time and creates an effective solution with its straight lines. It is both a safety barrier and protects your living space against wind and various other elements.

When the clean lines of the glass balustrade match with the modern finish it will enable you to have experience of the glass elegance by providing the optimum result as an architectural solution.

Thanks to its transparent appearance, it does not create an obstacle between inside and outside and protects you against external influences with its strong protection effect.

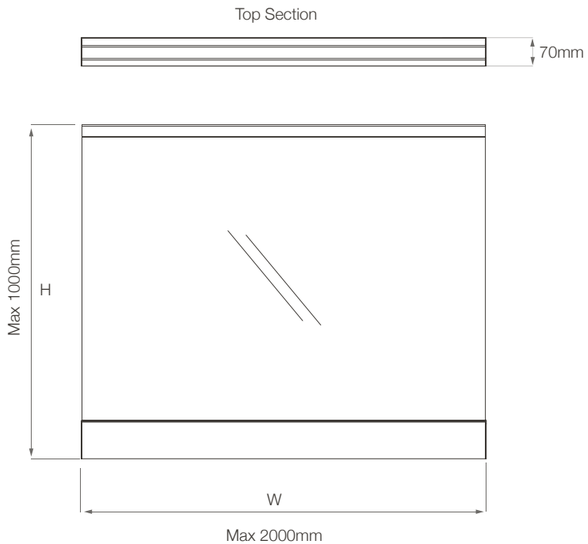
Multiple modules that come side by side with sandwich panel structure and optional handrail preference give you the choice to cover a wider area. With a maximum width of 6 m and a height of 1 m, it can be used comfortably in many different areas such as balcony, terrace, pool side, patio, garden, restaurant and cafe.

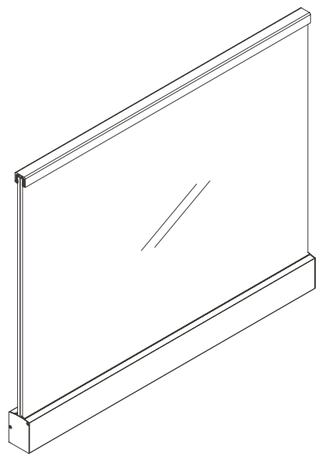
Violet is an ideal option for structural glass solutions that creates no obstruction insight through a space with a minimal contemporary finish throughout for use as frameless balustrades.

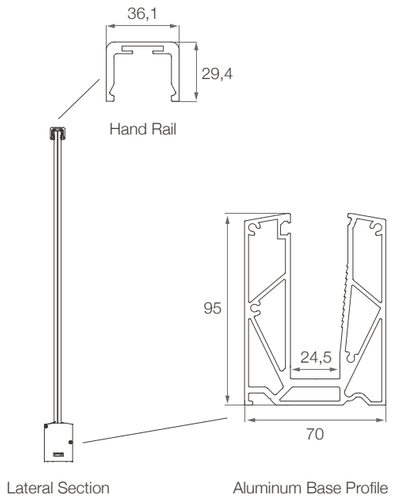
The stylish lighting solution that can be integrated into the system creates distinguished features.

It enables you to design a minimal, aesthetically neat and functional glass barrier between levels with no visible fixings.

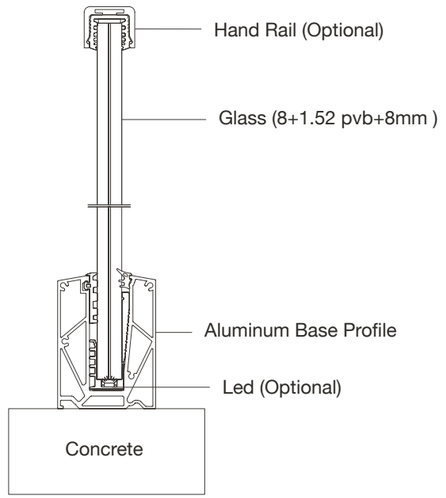
Section Details

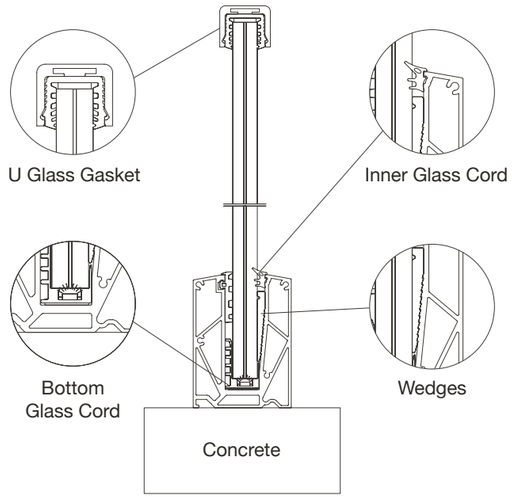






Accessories & Optionals

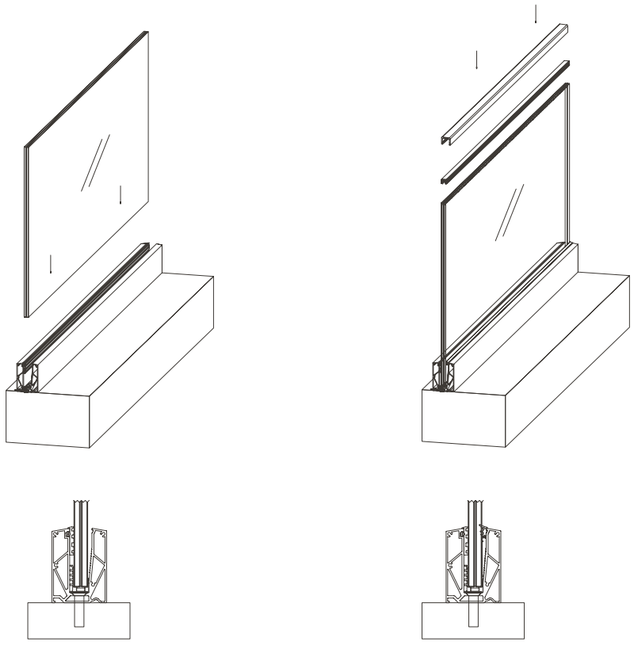




Installation & Base Options

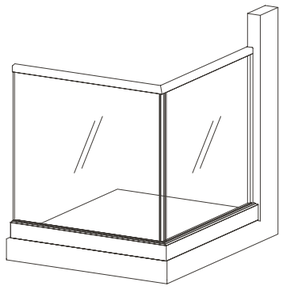
Compact & Easy Assembly

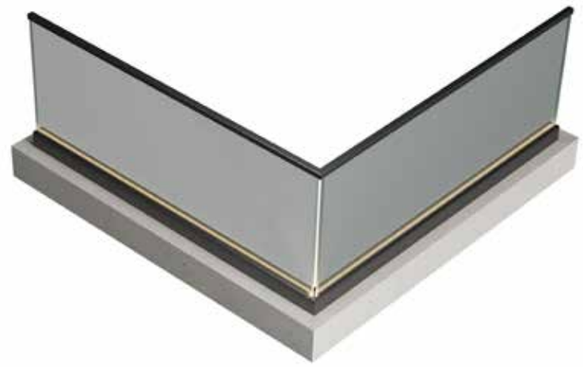
The system reaches its compact outlook with simple and quick installation steps.



Smooth Edge Connection

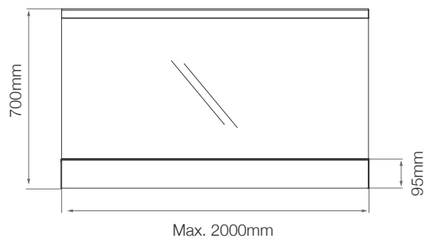
Clean appearance in the corner points.



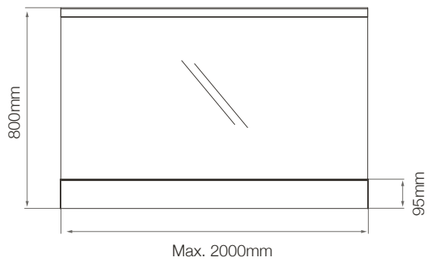


Configurations

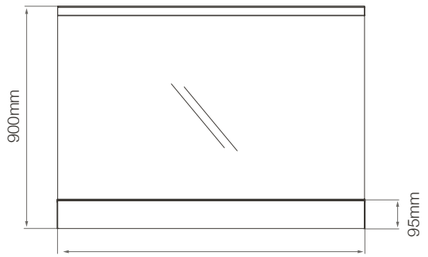
H70



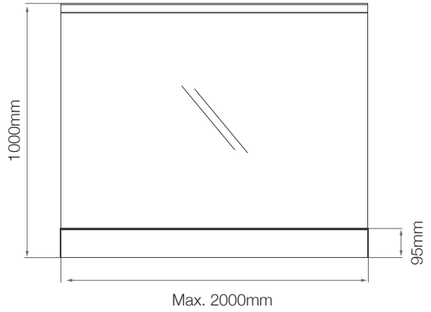
H80

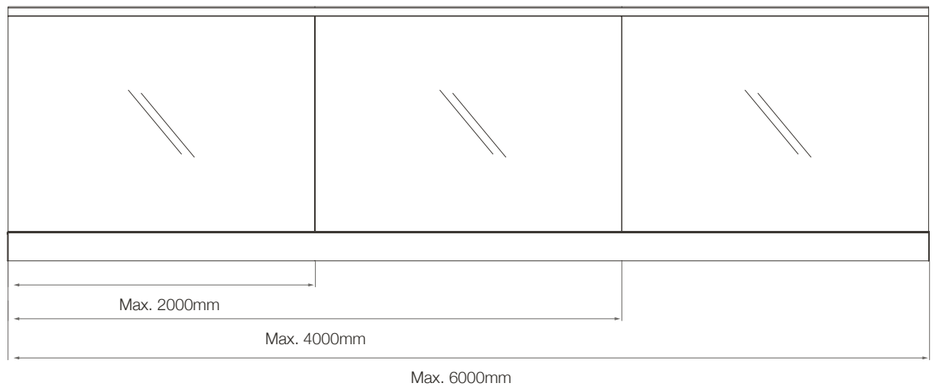


H90



H100





One Module
1000<2000mm

Two Modules
2000<4000mm

Three Modules
4000<6000mm

Order Form

VIOLET

Company Name:
Order Reference:

Order Date:

CONFIGURATIONS

- ☐ H70
- ☐ H90
- ☐ H80
- ☐ H100

DIMENSIONS

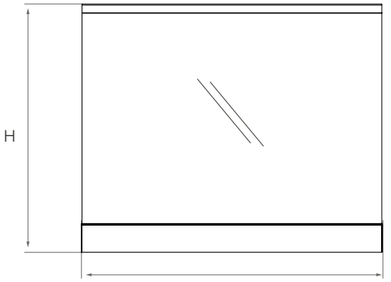
Width :.....mm Quantity :.....pc

W :.....mm Q :.....pc

. .
. .
. .

- ☐ With Glass
- ☐ Without Glass

* Glass is 8MM+1,52PVP+8MM



If modules are multiple and each module is in different width, please provide details (max. width for single module is 2000 mm, double modules 4000 mm, triple modules 6000 mm)

W1 ..... cm
W2 ..... cm
W3 ..... cm

POWDER-COAT COLORS

RAL colors	Exclusive colors	Texture colors	
☐ 9016	☐ OGN35	☐ ST9010	☐ Other ...
☐ 1013	☐ OS561	☐ ST9001	
☐ 9006	☐ OY395	☐ ST1013	
☐ 7006	☐ OGN39	☐ ST7039	
☐ 7016	☐ ON617	☐ ST7016	
☐ 9005	☐ ON611	☐ ST8019	

GLASS COLORS

- ☐ TR22 / Transparent
- ☐ SM33 / Smoked
- ☐ GN44 / Green
- ☐ BL55 / Blue
- ☐ BR66 / Bronze
- ☐ Other.....

OPTIONAL

- ☐ Led Stripe Dimmer Lighting
  - ☐ Cool White
  - ☐ Day Light
- ☐ Handrail

LIGHTING OPERATION

- ☐ SWITCH CONTROL
  - ☐ Inis Keo.....pc
  - ☐ Inis Duo.....pc
- ☐ REMOTE CONTROL
  - ☐ Telis 1 Pure RTS.....pc
  - ☐ Telis 4 Pure RTS.....pc
  - ☐ Telis 16 Pure RTS.....pc

☐ ADDITIONAL NOTES & DRAWINGS ATTACHED

VERTEX ZIP SYSTEM

Aesthetical privacy with hi-tech functions…

New Series Vertex Zip Screens are designed to represent solutions of aesthetic appeal and contemporary complement with its unique fabric guide technology concealed within the side channels.

Vertex is motorised external blind which is extremely durable, practical in use and provides great flexibility for outdoor and indoor living areas. System can be integrated for increased functionality of spaces such as restaurants, terraces, balconies, either private or commercial. Simple and stylish design of the system means it can be incorporated into new or existing buildings and Suntech systems with an extensvie range of frame and fabric colour options.

Minimal slimline design of Vertex 95 fits in Eva model perfectly. Vertex 130 serie is ideal solution for Suntech Standard LT & XL models. Vertex 150 is developed to function in a complementary manner with Privée models.

This extensive serie is redefined the simple design for minimal look characterised by architectural demands. The zip external blinds are engineered for ease of installation, flexible application and long durability.

Furthermore the patented locking mechanism secures the fabric in the lower position which ensures even tension on fabric and fully hidden motorisation system allows ultimate control of your living space with a single touch.

Thanks to large range of fabric options system provides maximum protection against solar radiation and penetration of heat while preserving the optimal level of natural light in the interior and contact with environment. The production technology of fabrics ensures a high resistance to external influences such as wind or changes in temperature and humidity.

Thanks to clever interlocking parts and self-aligning side channels, each system offers a perfect fitting from edge to edge with no gaps and provides a stylish and simple finish.It also has specially designed zipper which is welded to the edges of the fabric to create seamlessly operation and control of sunlight. The zipper is securely held in the side channels which allows the fabric to run freely and quietly while preventing the fabric to pull out of the channel.

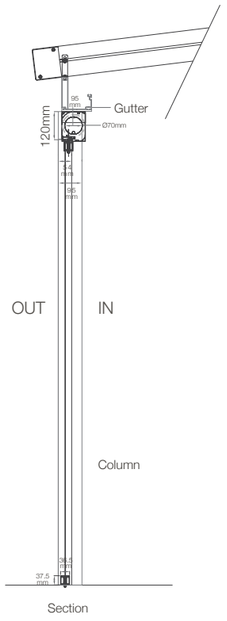
Vertex Zip System
The minimalist, slimlane, contemporary design of the zip system provides comfortable shade and protects aganist the UV rays. The system includes motorised painted aluminium structure, entirely powder-coated with stainless steel bolts and screws.

Vertex 95 Zip System

Vertex 130 Zip System

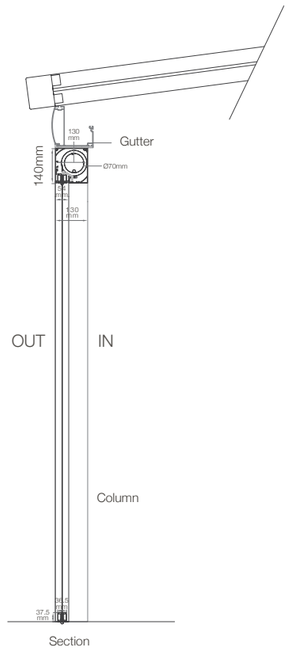
Vertex 150 Zip System

Vertex Models



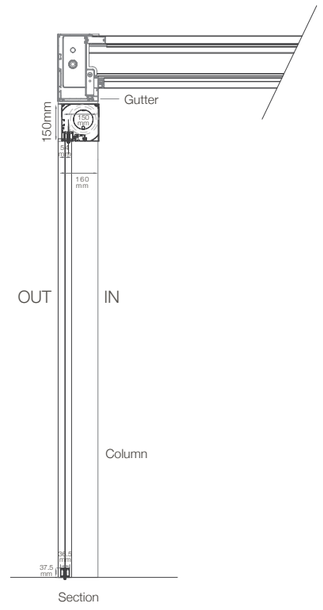
Gutter : 120mm
Column : 80x95mm

Vertex 95 & Eva



Gutter : 160mm
Column : 100x130mm

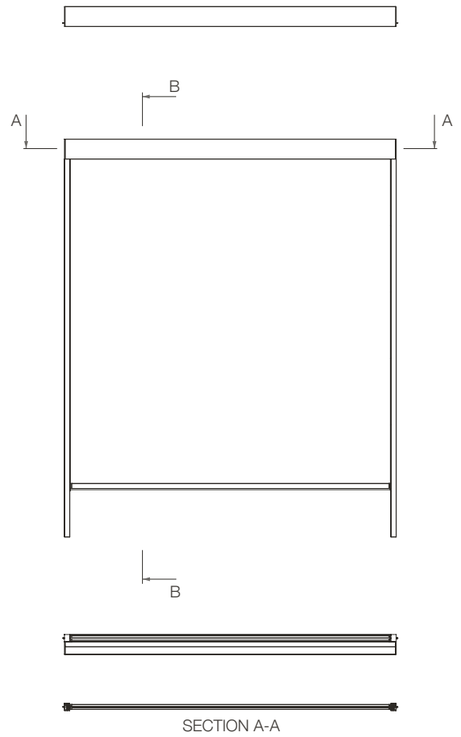
Vertex 130 & LT/XL Models

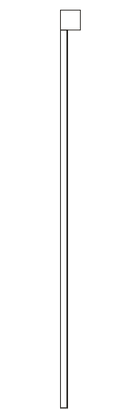


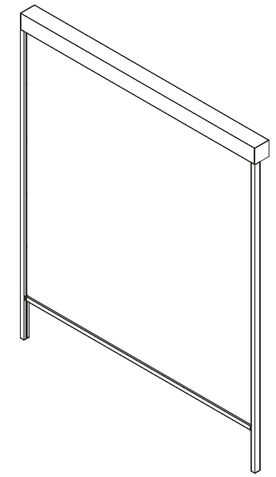
Gutter : 160mm
Column : 160x160mm

Vertex 150 & Privée

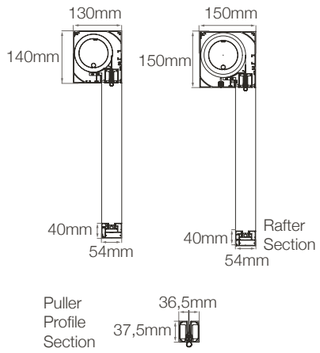
Section Details





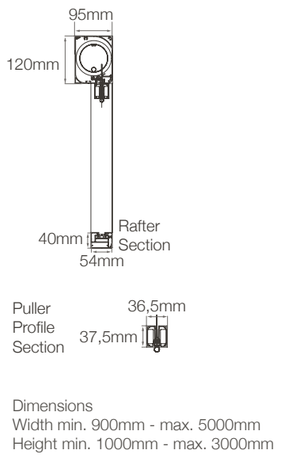


Configurations



Dimensions
Width min. 900mm - max. 6000mm
Height min. 1000mm - max. 4000mm

VERTEX 130 / 150



Dimensions
Width min. 900mm - max. 5000mm
Height min. 1000mm - max. 3000mm

Order Form

VERTEX ZIP SYSTEM

Company Name:
Order Reference:

Order Date:

MODEL

- ☐ 95
- ☐ 130
- ☐ 150

DIMENSIONS

Width :.....mm Height :.....mm Quantity :.....pc

W :.....mm H :.....mm Q :.....pc

POWDER-COAT COLORS

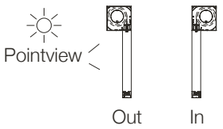
RAL colors	Exclusive colors	Texture colors	
☐ 9016	☐ OGN35	☐ ST9010	☐ Other ...
☐ 1013	☐ OS561	☐ ST9001	
☐ 9006	☐ OY395	☐ ST1013	
☐ 7006	☐ OGN39	☐ ST7039	
☐ 7016	☐ ON617	☐ ST7016	
☐ 9005	☐ ON611	☐ ST8019	

FABRIC COLORS

- ☐ SOLTIS 86 CODE.....
- ☐ SOLTIS W92 CODE.....
- ☐ SOLTIS 96 CODE.....
- ☐ SOLTIS W96 CODE.....
- ☐ CRYSTAL

SYSTEM POSITION

☐ OUT ☐ IN

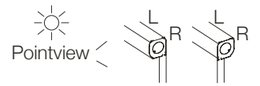


CABLE OUT

☐ TOP ☐ SIDE ☐ BOTTOM

MOTOR SIDE

☐ LEFT ☐ RIGHT



AUTOMATION

☐ SWITCH CONTROL
- ☐ Inis Keo.....pc
- ☐ Inis Duo.....pc

☐ REMOTE CONTROL
- ☐ Telis 1 Pure RTS.....pc
- ☐ Telis 4 Pure RTS.....pc
- ☐ Telis 16 Pure RTS.....pc

☐ SMART CONTROL
- ☐ Situo 1 IO Pure.....pc
- ☐ Situo 5 IO Pure.....pc
- ☐ NINA IO.....pc
- ☐ Thamo New Box.....pc
- ☐ Connexoon Box.....pc

☐ ADDITIONAL NOTES & DRAWINGS ATTACHED

suntechoutdoor.com

COPYRIGHT 2021
Albayrak Group
All Rights Reserved.
All the text, photos, technical drawings, design in this catalogue can't be used or copied without any written permission of Albayrak.

suntechoutdoor.com

Albayrak