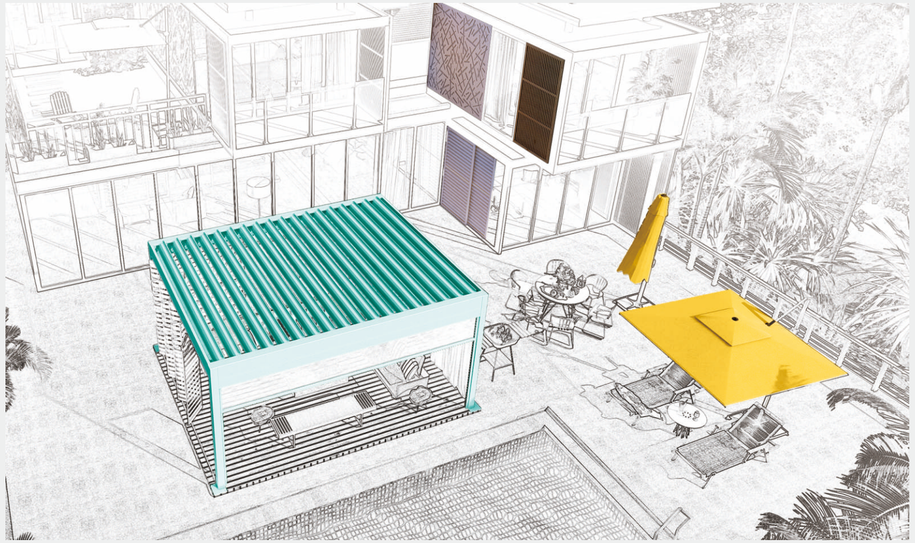


# ALUMINIUM SHUTTERS

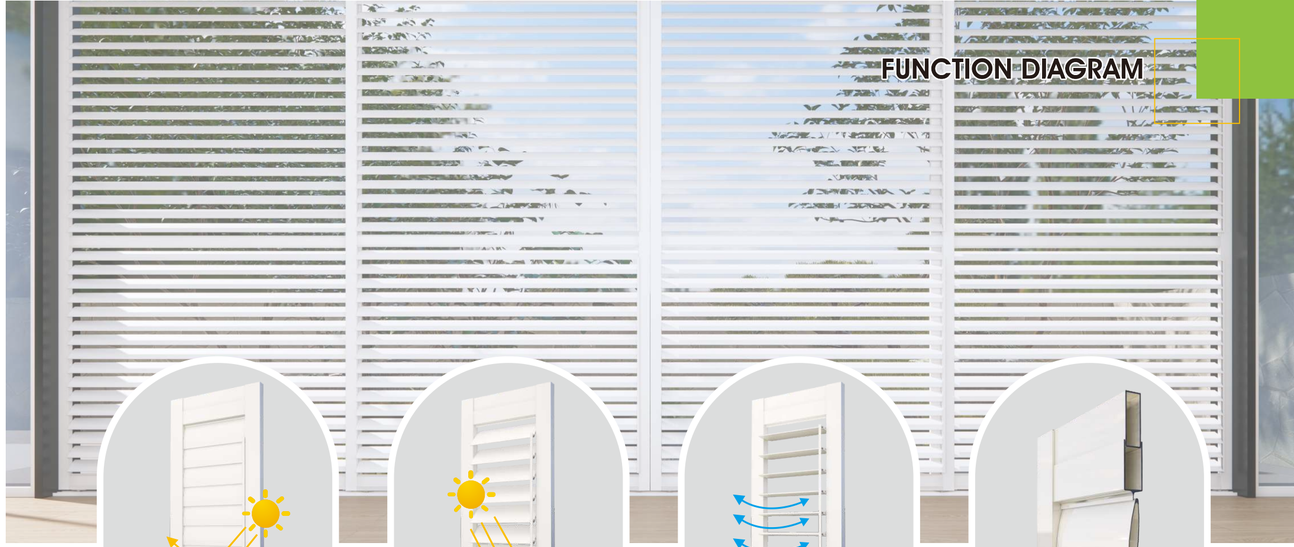
OUTDOOR SHADING SOLUTIONS PROVIDER

# PRODUCT INTRODUCTION

**Aluminium shutters are modern indoor and outdoor energy-saving sunshade product that perfectly comebine with practicality, protection and decoration function.**

- **Aluminium 6063, a green building material**, which comply with policy of carbon peaking and neutrality , supporting the development of green buildings;
- **Fixed and Operable Blade Options**. Operable blade can provide variable control of light and ventilation. When the blades are openning to 90 degrees, the best ventilation is obtained.
- **The airfoil double-layer blades improve bending strength**, ensuring that the aluminium shutters have little deformation when impacted by external force, and achieve protection function.
- The ratio of visible & direct sunlight transmittance and UV transmittance all are 0.
  **Blocks out UV and sunlight transmission.**

# FUNCTION DIAGRAM



All aluminum alloy 6063 material;
Shading and heat insulation.

Operable blade;
Openning and closing 0°~180°;
Dimming by refraction.

When blades openning to 90°;
Ventilation rate up to 80%;
Create good ventilation condition.

Airfoil double-layer blades;
Made by aluminium 6063
Durable;
Anti collision and theft.

## Louvered Pergola

Aluminium louvered pergola matched with aluminium shutters, to create the comprehensive all-weather sunshade leisure space.

Without Shutters

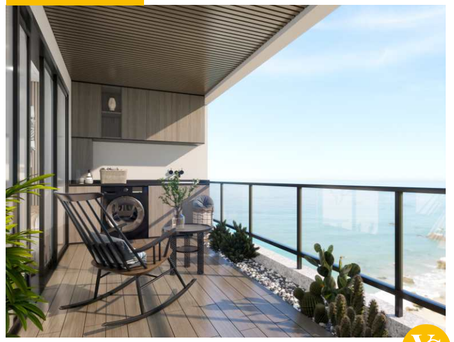
VS

With Bi-folding Shutters

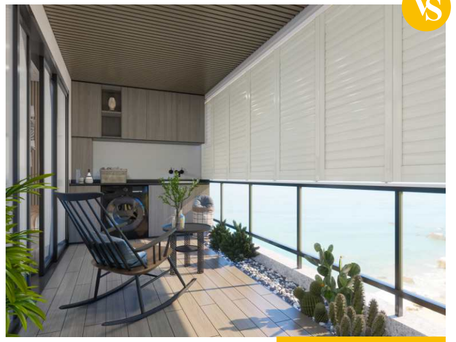




Without Shutters



VS



With Bi-folding Shutters

## Balcony

Due to the changeable weather and no shelding, the balcony utilization rate is quite low. Aluminium shutters can provide flexiable shelding. By providing practicality that without affecting the view of outdoor scenery.

## Room Divider

Sliding or bi-folding aluminium shutters can use as moveable room divider. Free conversiton between large and small space. Solve the problem of wall opacity and glass excessive light transmission. Can achieve divider, protection, shaidng, dimming, ventilation, privacy and beauty function at the same time.

Without Shutters

VS

With Sliding Shutters & Bi-folding Shutters





## High-end Private Club

Aluminium shutters are equipped with high-quality coating powder. The high-quality products are contributed to atmosphere creation.

Without Shutters

VS

With Fixed Shutters

## Terrace Area Extending From The Building

As the medium of indoor and outdoor environment, it perfectly connects the building and outdoor space.

Without Shutters

VS

With Bi-folding Shutters

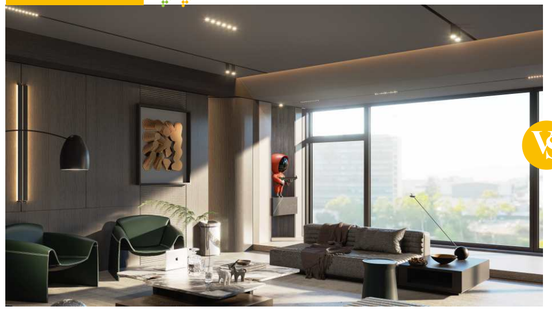




## High-class Office Building

The simple, high-end interior design and the comfort of light adjustment are not only a reflection of taste, but also conducive to the improvement of work concentration.

Without Shutters



VS

With Bi-folding Shutters

APPLICATION

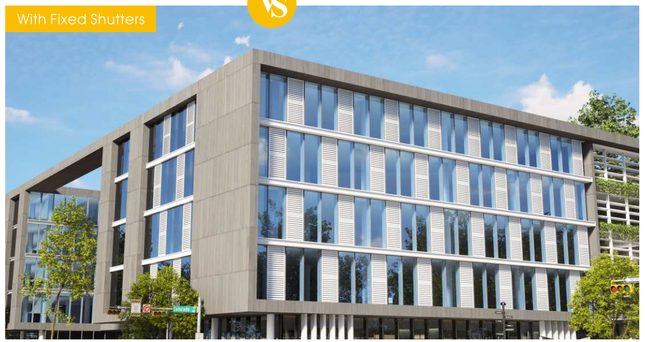
## Building facade

Aluminium shutters can install inside or outside of the glass facade. Replace the traditional shading products, with lower mataintace cost, higher safety & flexiability, and stronger aesthetics.

Without Shutters

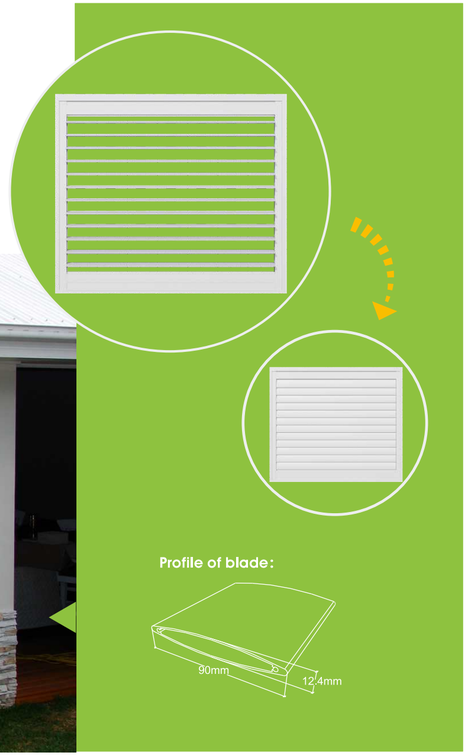
VS

With Fixed Shutters



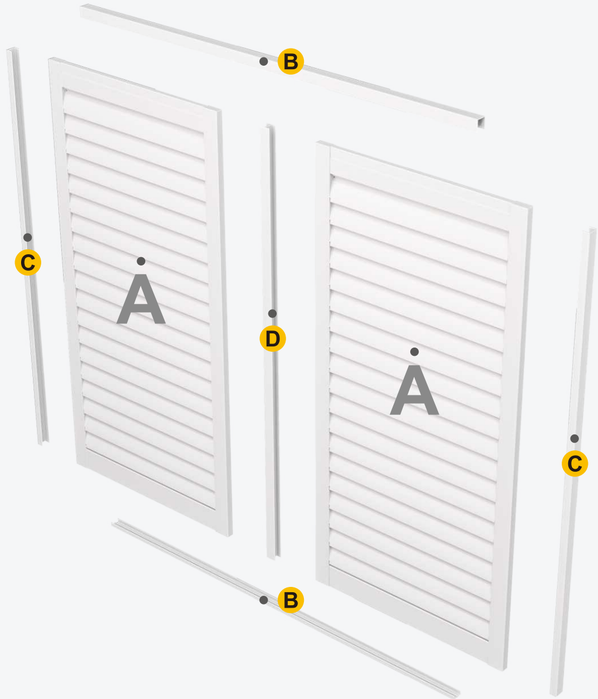
## Fixed Shutters

Single panel dimension: 400mm-1350mm
Standard configuration: U-channel mount



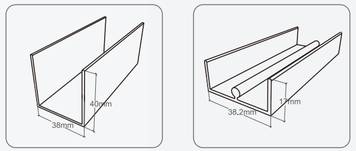




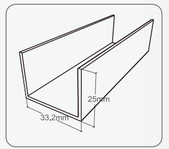




**A** Panel

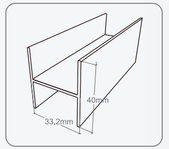
**B** Top & bottom U-channel




**C** Left &right U-channel

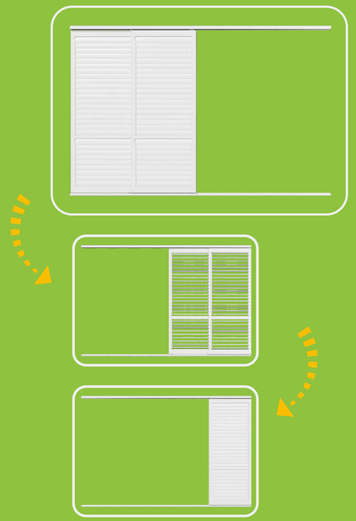



**D** H-channel

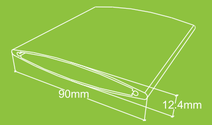


## Sliding Shutters

Single panel dimension: 400mm-1350mm
Numbe of tracks: Single, double, triple or others
Standard configuration: Rolling sliding system
Optional Accessory: Stainless steel flush bolt



**Profile of blade:**






PRODUCT STYLE
AND APPLICATION CASES

**A** Panel

**B** Top and bottom rail

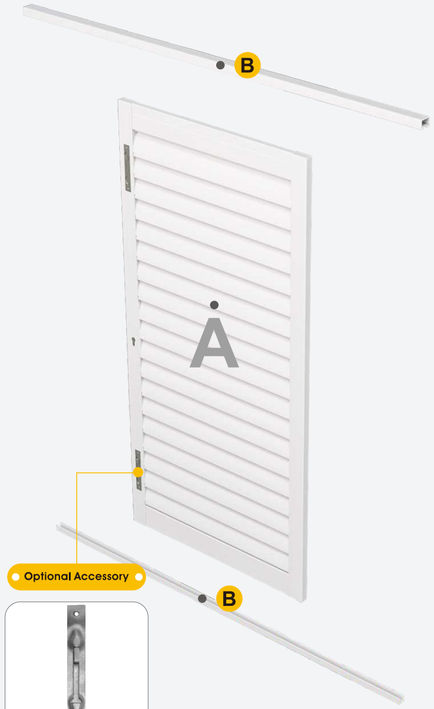
**Options of quantity of tracks and panels**

- Single track & panel

- Single track & double panels

- Double tracks & panels

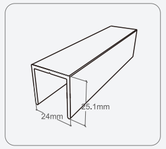
- Triple tracks & panels



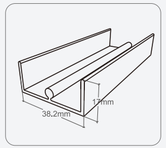

- Optional Accessory

Stainless steel flush bolt

### Bottom rolling sliding system



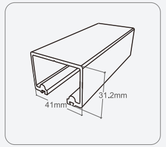

Top track



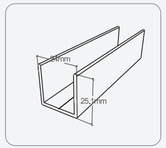

Bottom track

### Top rolling sliding system

Type 1 **(U track)**

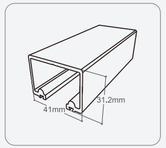



Top track

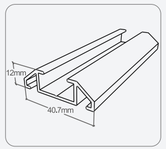



Bottom track

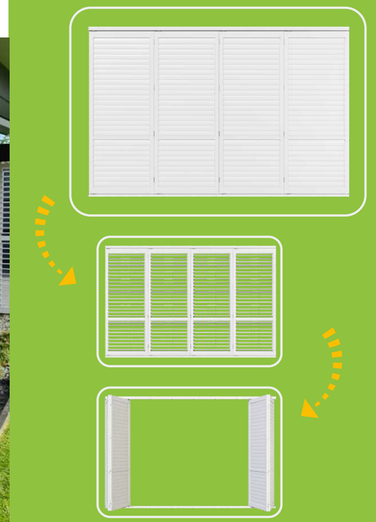
Type 2 **(M track)**



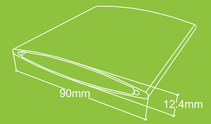

Top track




Bottom track



**Profile of blade:**




## • Bi-folding Shutters •

Single panel dimension: 400mm-1350mm

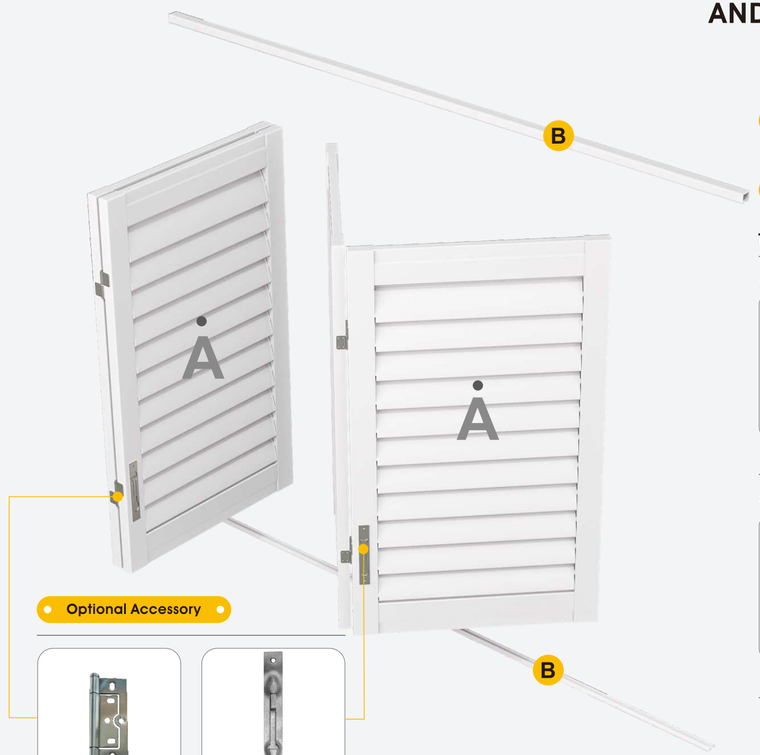
Folding direction: All folded to one side / folded from the middle to both sides / special requirements.

Standard configuration: Aluminum hinge, pivot set, carrier system

Optional Accessory: Stainless steel flush bolt, stainless steel hinge








**• Optional Accessory •**

Stainless steel hinge

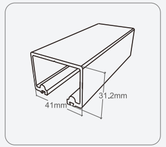
Stainless steel flush bolt

**A** Panel

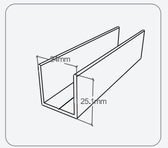
**B** Folding accessories

### Top bi-folding system

Option 1 **(U track)**

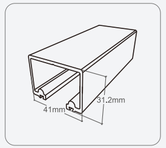



Top track

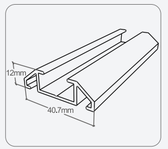



Bottom track

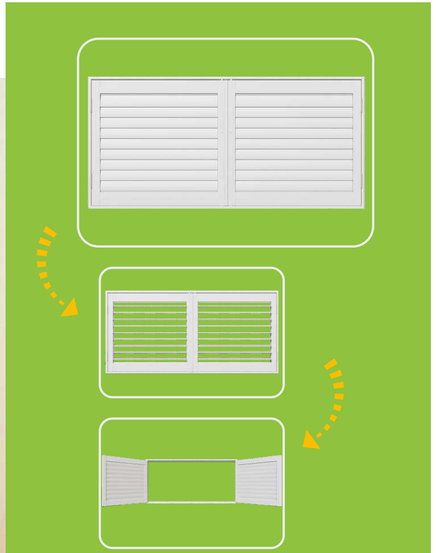
Option 2 **(M track)**



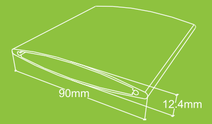

Top track




Bottom track



Profile of blade:



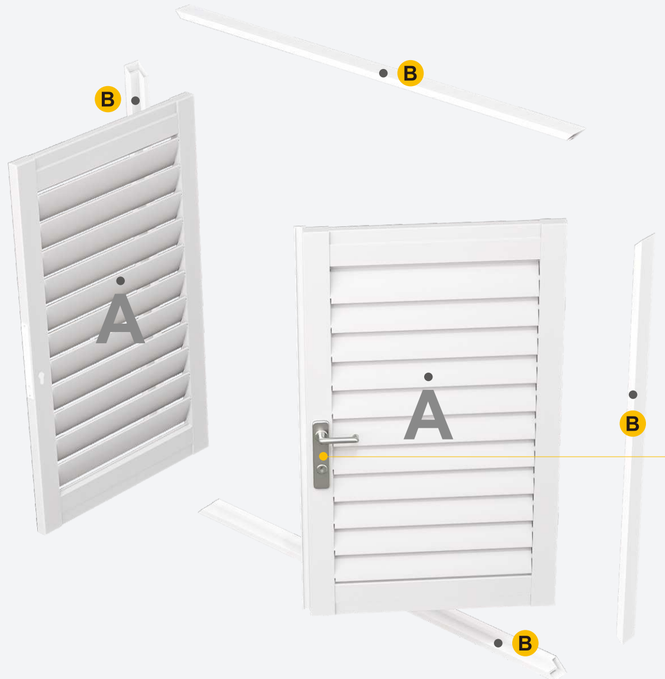

## • Hinged shutters •

Single panel dimension:400mm-800mm

Optional Accessory: Stainless steel handle lock, stainless steel hinge



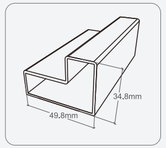




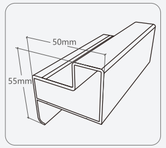

**A** Panel

**B** Frame

Option 1 **(L frame)**




Option 2 **(z frame)**




• Optional Accessory •

Stainless steel handle lock

Stainless steel hinge

# STANDARD COLOUR

## Surface treatment warranty of 10 years

**Powder coating surface treatment**

| Gloss White | Matte White | Silver Gray | Light Gray | Dark Gray | Matte Black |
|---|---|---|---|---|---|
| YFS11002 | YFS13001 | YFS03001 | YFC32021 | YFC32020 | YFC80004 |

**Wood Grain Color**

OAK
YFCM0068N

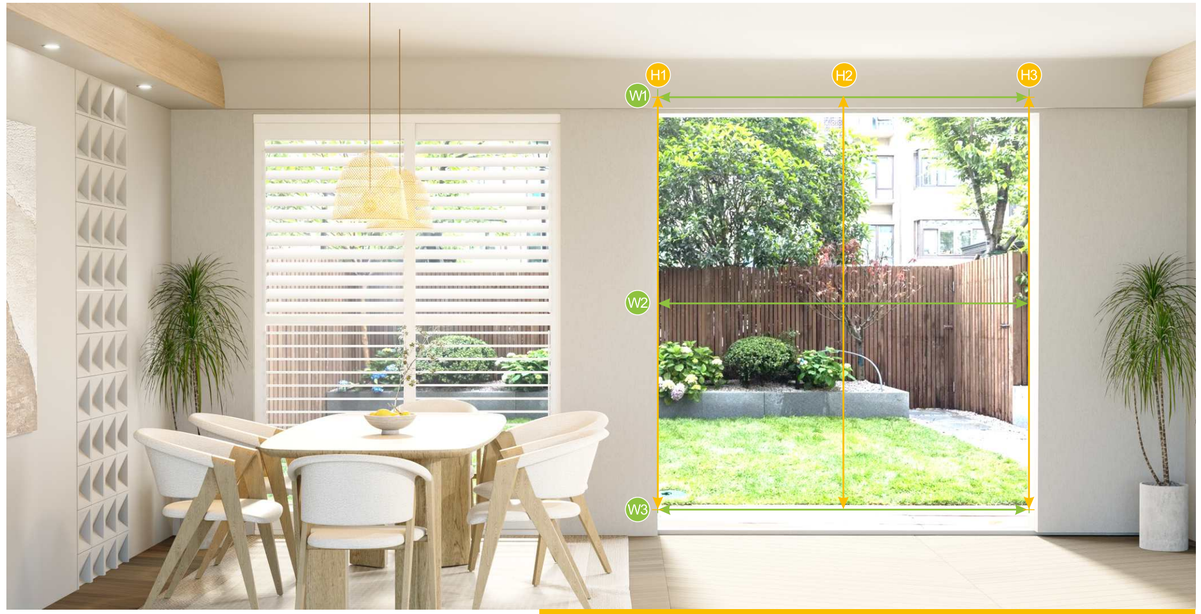
The color is for reference only, please prevail in kind.

*** Remarks:** If used with our pergola, the color of the shutters can be consistent with the standard color of pergola.

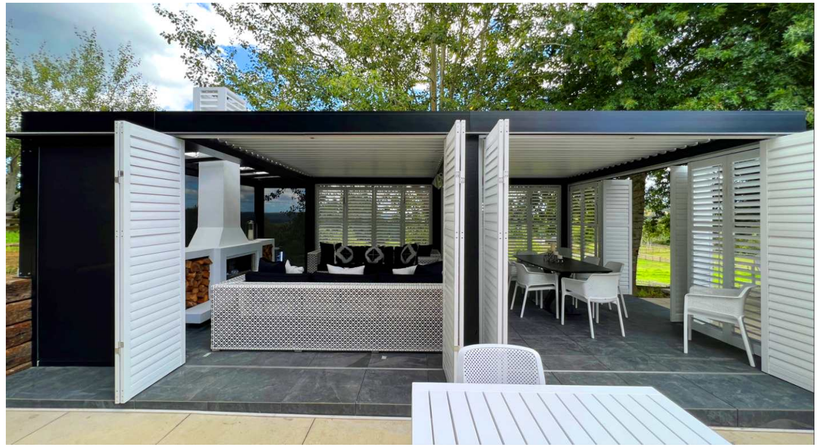


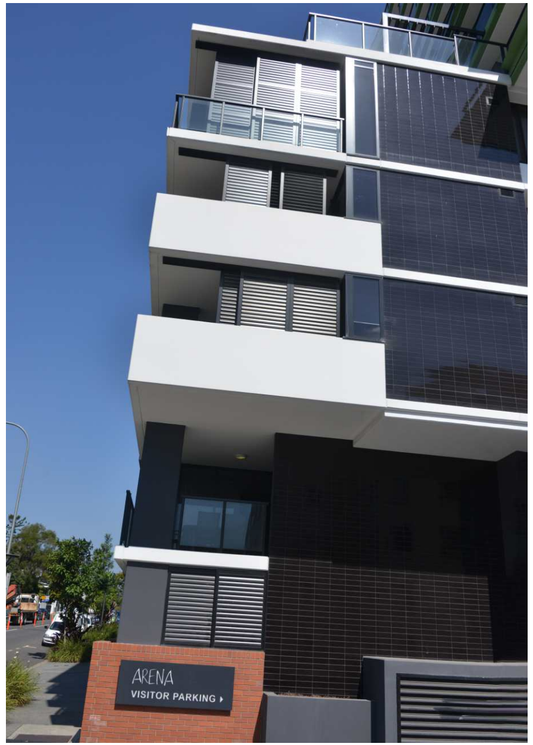
# MEASUREMENT

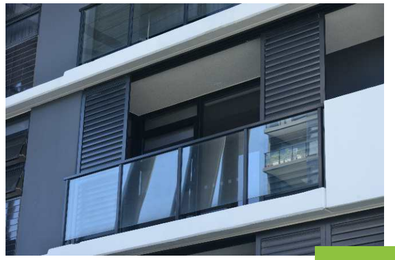
**Measuring method: top/middle/bottom, left/middle/right points**
(measuring H1, H2, H3, W1, W2, W3, total of 6 sizes)




*** Remarks:** For installation in the opening, select the minimum value of width and height;
For installation outside the opening, select the maximum value of width and height;
If it is not square, it is best to contact our company to provide a solution.







Project Name: Arena Buliding

Completed: 2014

Location: Queensland, Australia

Application: Apartment Building

Floor Number: 12

Project Name: East Quarter Sydney

Completed: 2016

Location: Queensland, Australia

Application: Apartment Building

Floor Number: 10