PUERTANA® Building Materials

ALUMINUM FENCE LOUVER PERGOLA

铝合金户外栅栏百叶凉亭

产品手册
PRODUCT BROCHURE

PUERTANA® Building Materials

ALUMINUM FENCE LOUVER PERGOLA

铝合金户外栅栏百叶凉亭

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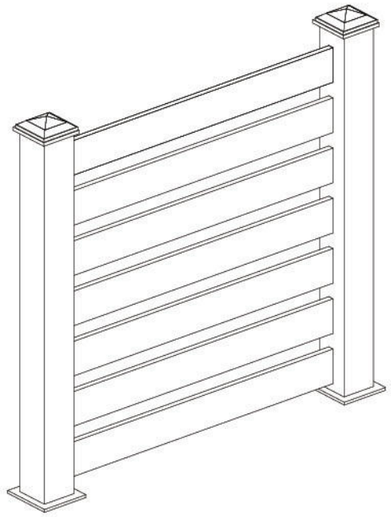
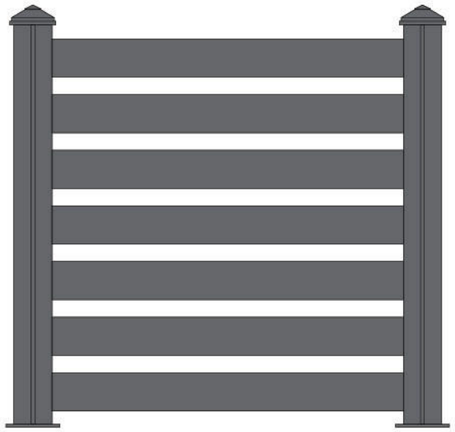
探索·创新·品质
Exploration·Innovation·Quality

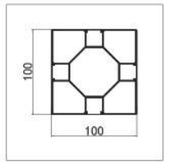
F10

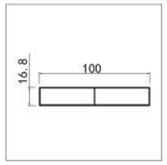
铝合金横向板条栅栏&栅门

Aluminum Horizontal Slat Fence & Gate





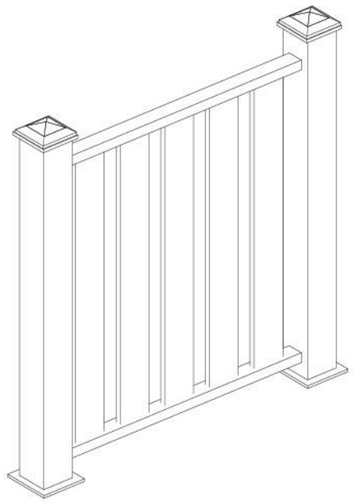


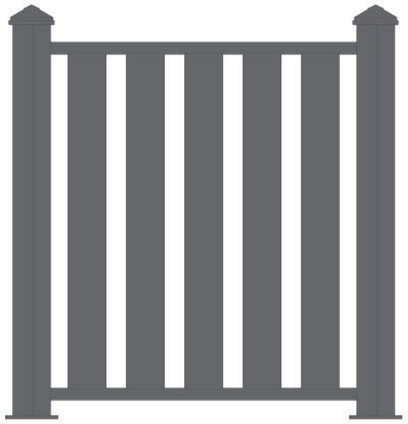


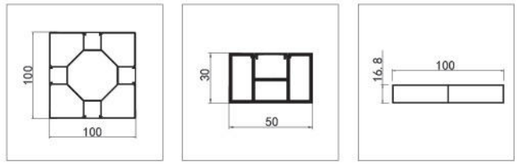
F20

铝合金竖向板条栅栏&栅门

Aluminum Vertical Slat Fence & Gate



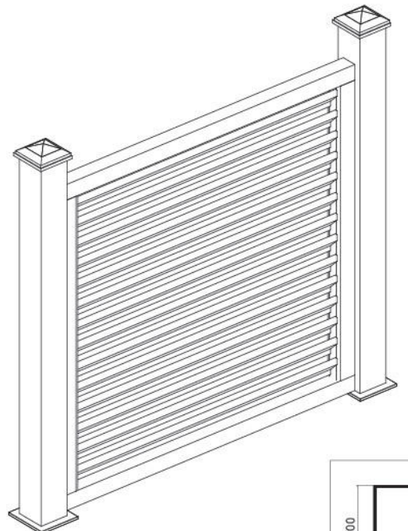


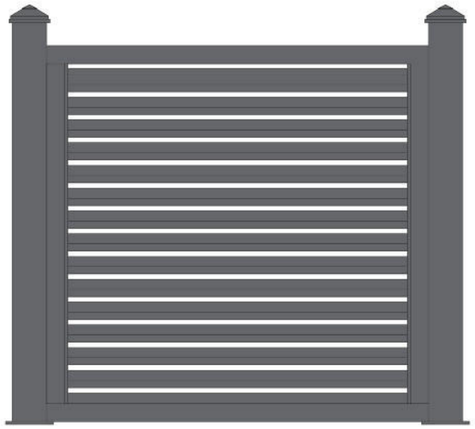


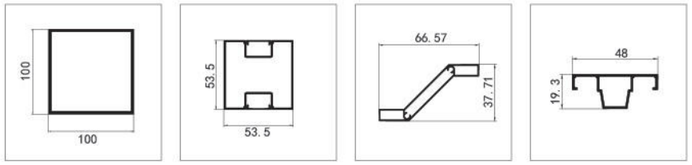
F30

铝合金百叶栅栏&栅门

Aluminum Privacy Louver Fence & Gate



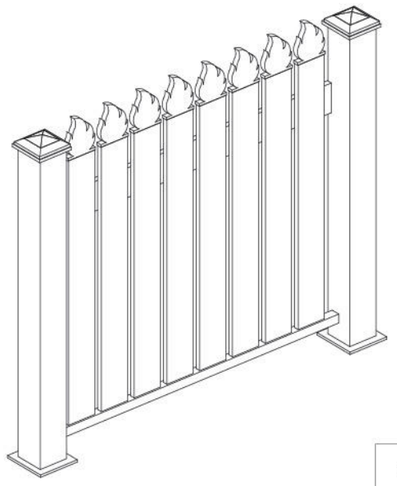


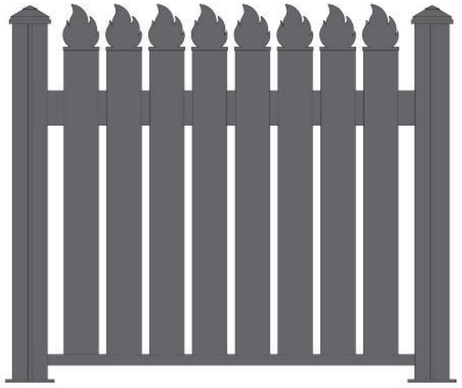


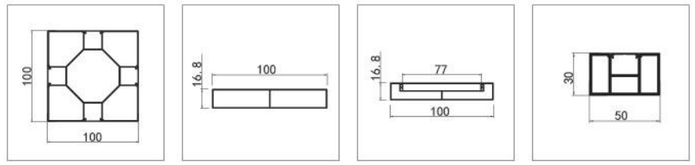
F40

铝合金尖顶板条栅栏&栅门

Aluminum Picket Fence & Gate



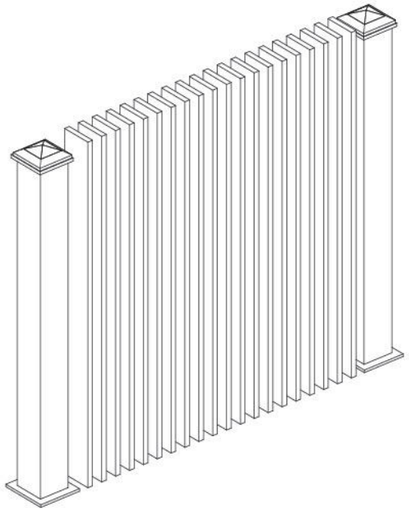


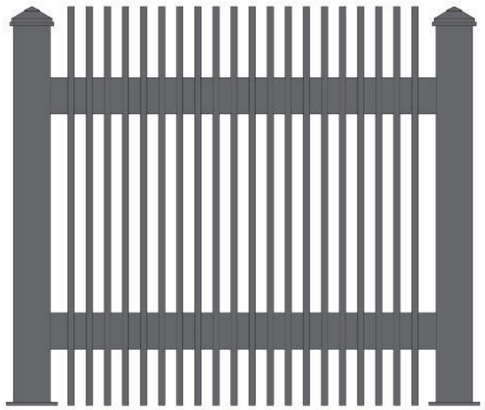


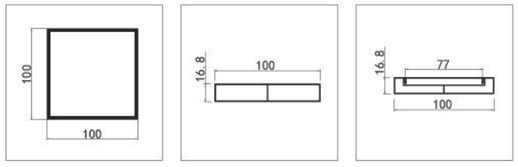
F50

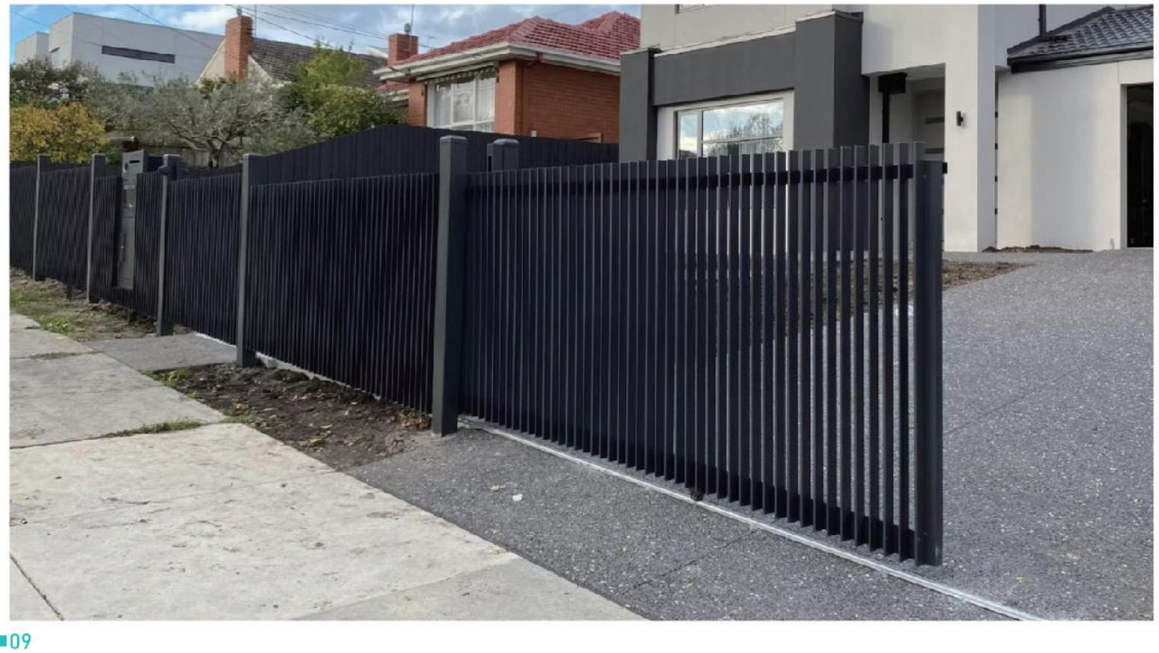
铝合金叶片栅栏&栅门

Aluminum Vertical Blade Fence & Gate





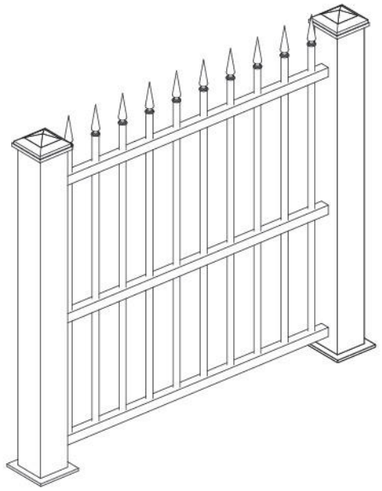


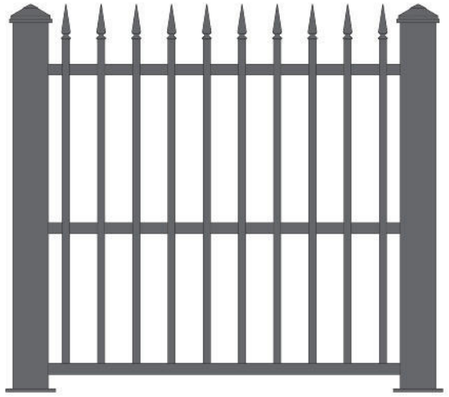


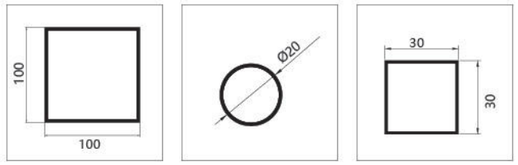
F60

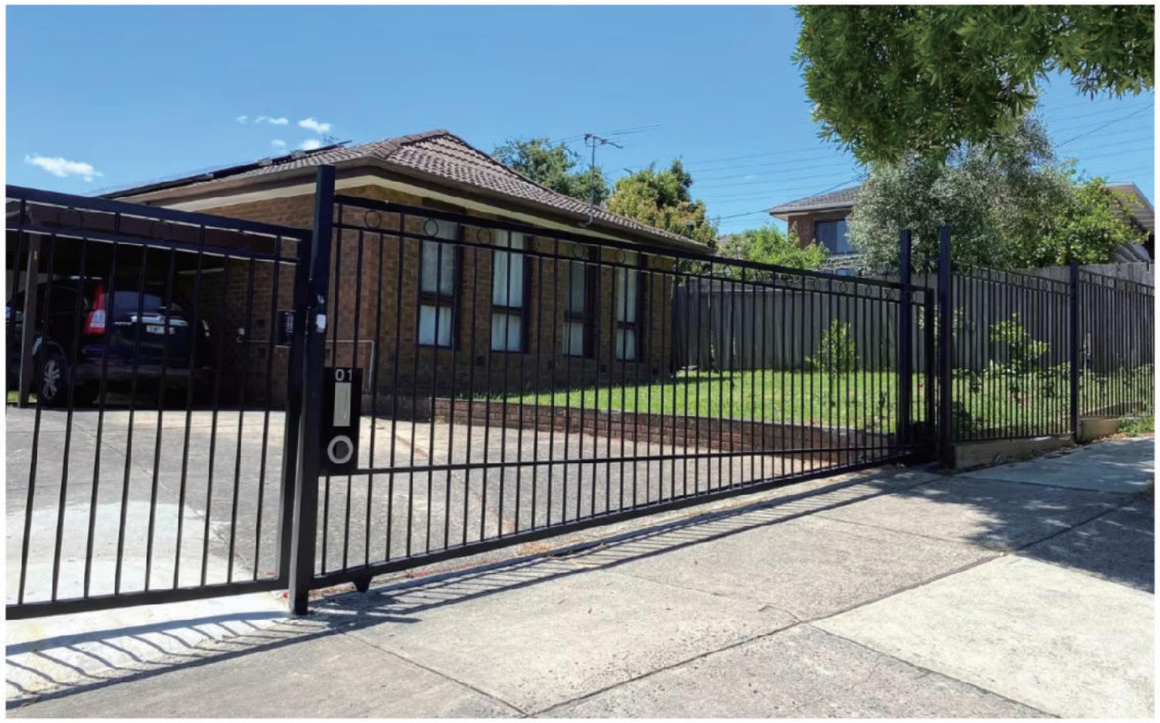
钢管定制栅栏&栅门

Steel Tabular Fence & Gate



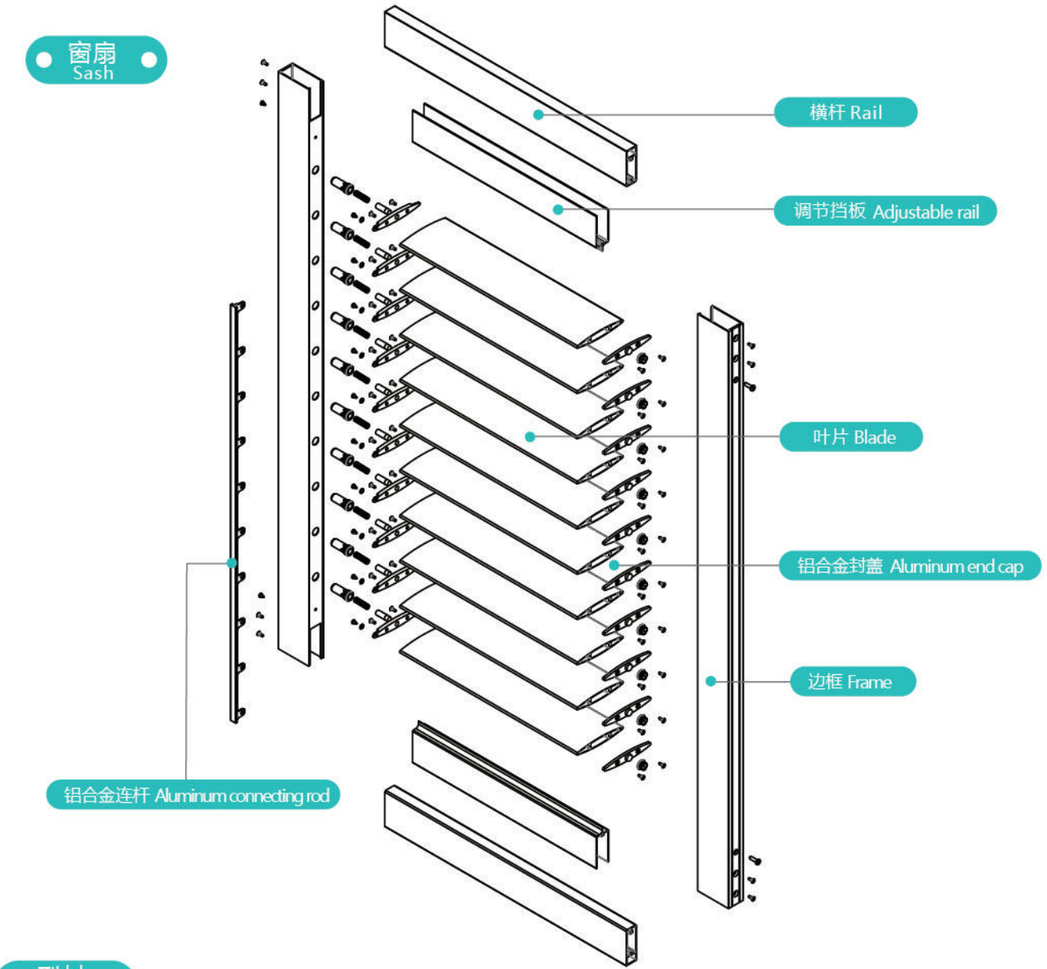






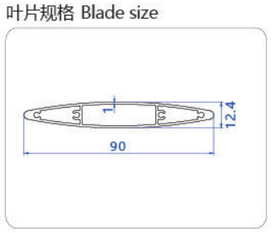
百叶窗配置
Louver Shutter Configuration

窗扇 Sash

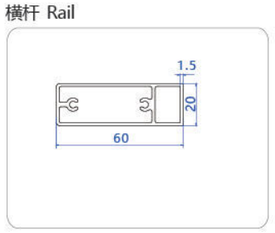


型材 Profiles

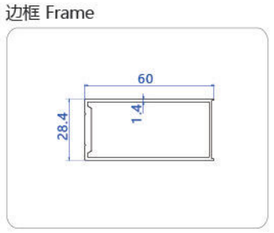
叶片规格 Blade size



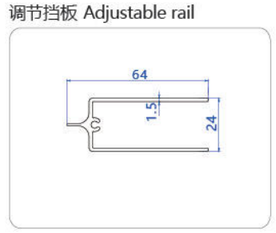
横杆 Rail



边框 Frame



调节挡板 Adjustable rail

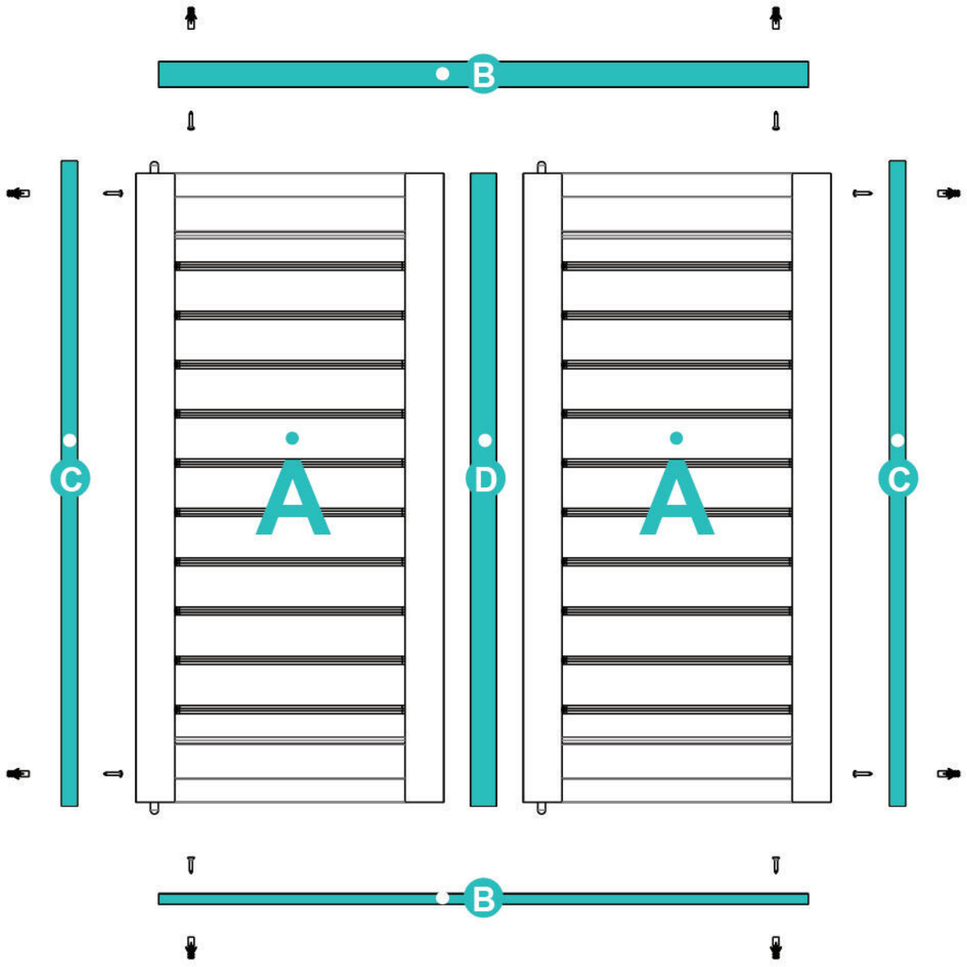


L100

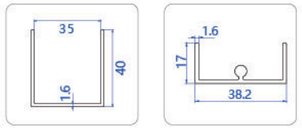
铝合金固定百叶门窗

Aluminum Fixed Louver Shutter

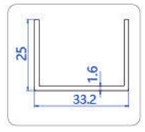
A 窗扇 Sash



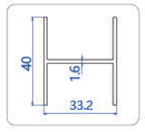
B 上下收边U槽 Top & bottom U channel

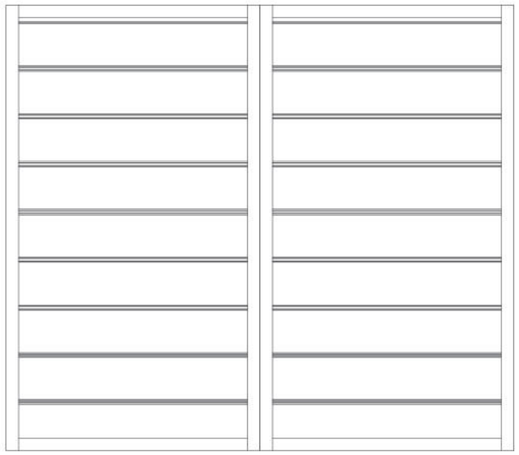


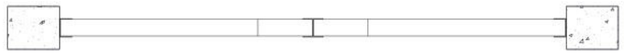
C 左右收边U槽 Right & left U channel



D 中间H槽 Middle H channel





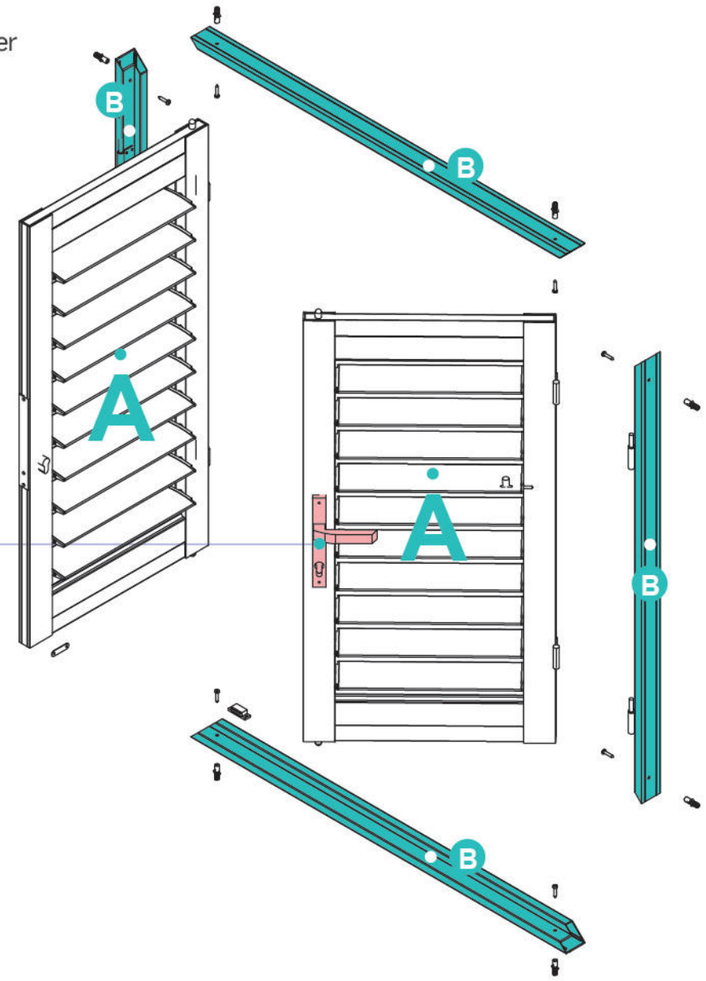


L200

铝合金平开百叶门窗
Aluminum Swing Louver Shutter

A 窗扇 Sash

B 边框 Frame



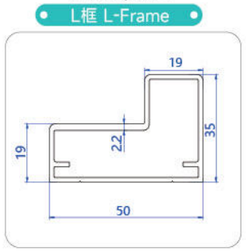
可选配件锁
Option Components

执手锁
Handle Lock

可选边框
Frame options

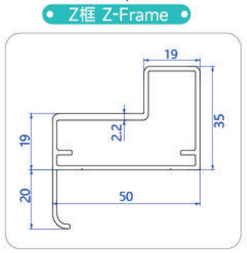
选项1 Option 1

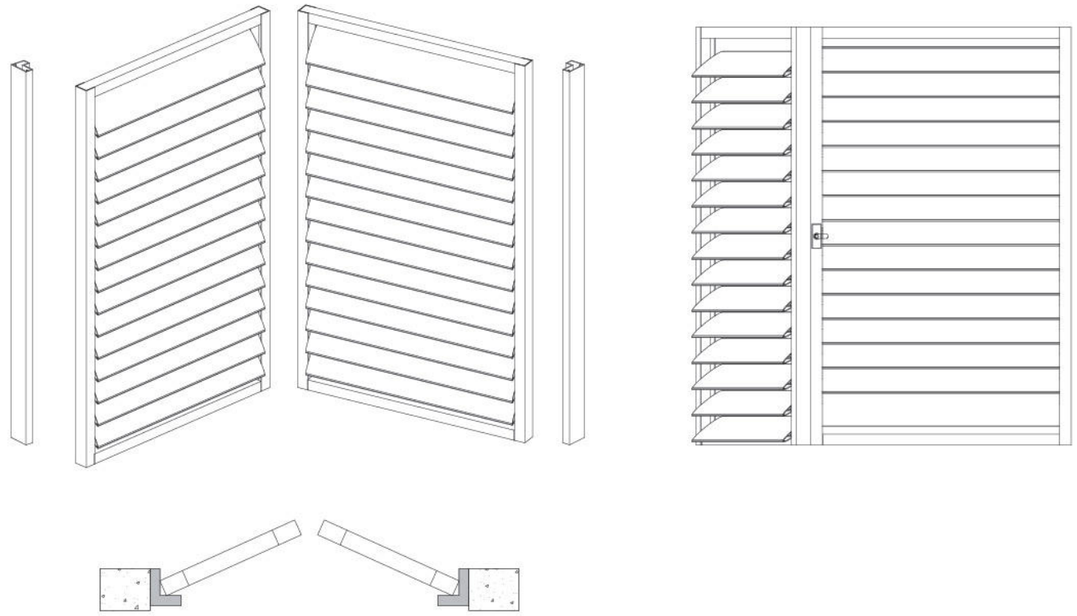
L框 L-Frame



选项2 Option 2

Z框 Z-Frame





L300

铝合金推拉百叶门窗

Aluminum Sliding Louver Shutter

A 窗扇 Sash

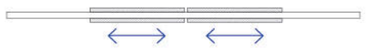
B 上下导轨 Top & bottom track

轨道和窗扇的数量图纸

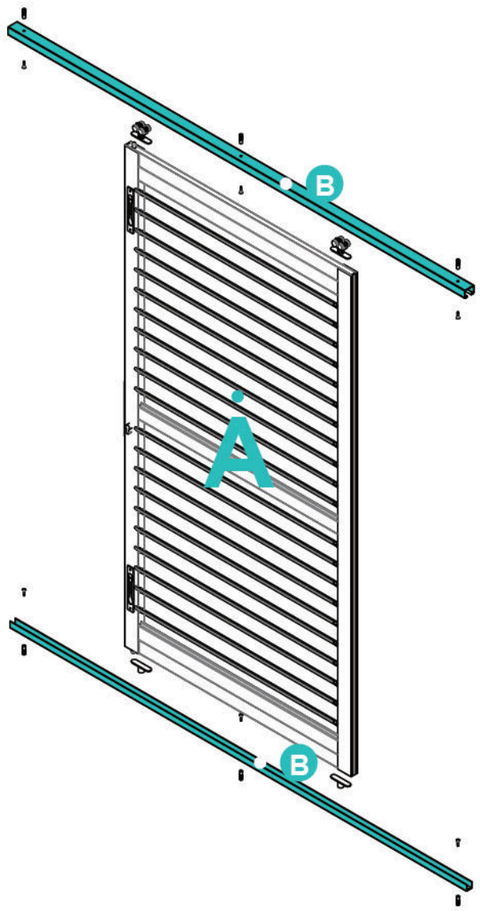
Configuration of sash & track

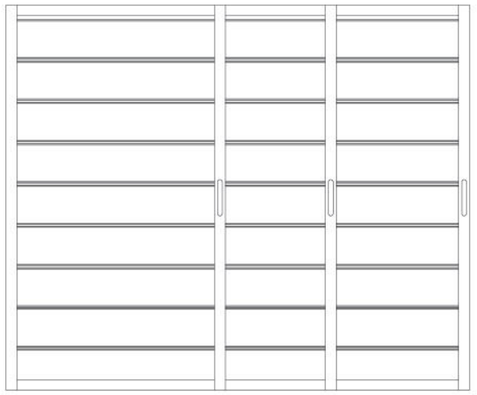
1 GUIDE,1PANEL

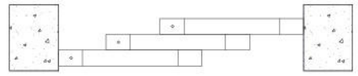
1 GUIDE,2 PANELS



2 GUIDES,2 PANELS

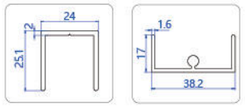






下导轮系统 Bottom rail slidding system

Top & Bottom Track



上轨 Top track　　下轨 Bottom track

Wheel Mechanism Component

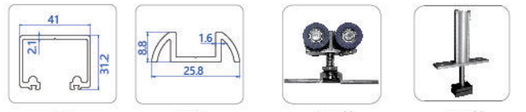
尼龙块 Nyloon block　　滑托轮 Sliding wheel

上导轨系统 Top rail slidding system

款式一(U轨)
Option 1(U track)

上轨 Top track　下轨 Bottom track　上吊轮 Top hanging wheel　下导轮 Bottom guide wheel

款式二(M轨)
Option 2(M track)



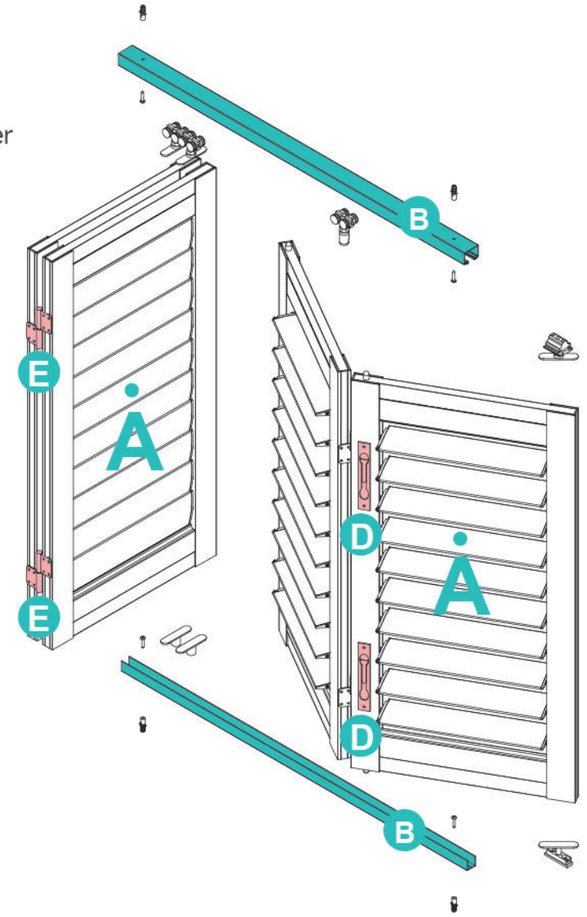
上轨 Top track　下轨 Bottom track　上吊轮 Top hanging wheel　下导轮 Bottom guide wheel

L400

铝合金折叠百叶门窗

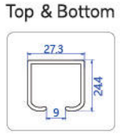
Aluminum Folding Louver Shutter

A 窗扇 Sash

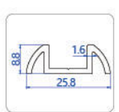


B ● 折叠配件 Bi-folding shutter hardware fittings ●

Top & Bottom Track



上轨
Top track



下轨
Bottom track

Pivot Set & Carrier

转轴
Pivot set

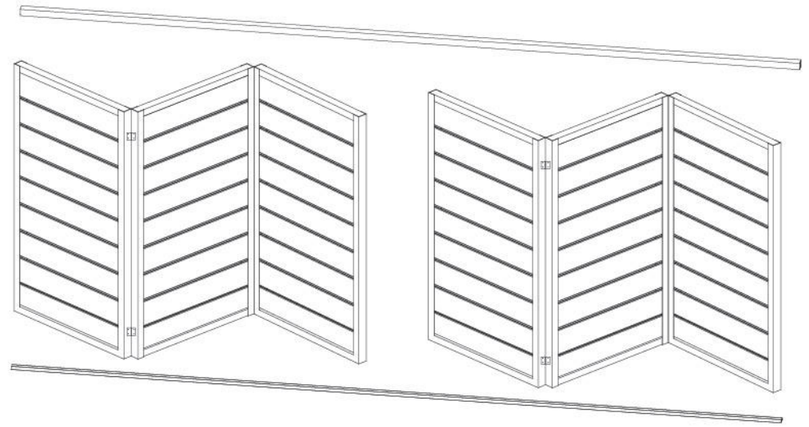
上吊轮
Top hanging wheel

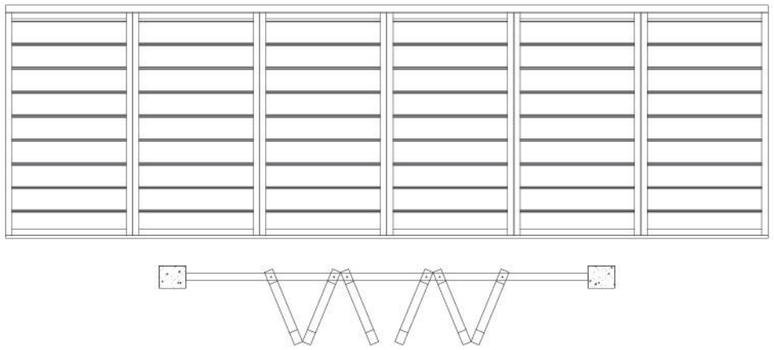
下导轮
Bottom guide wheel

● 选配配件 Optional hardware fittings ●

D 不锈钢插销锁
Stainless steel flush bolt

E 铝合金百叶
aluminum hinge





规格 Specifications

Max Width Hinged Panel	800mm
Max Width Fixed/slider Panel	1350mm
	700mm
Max Width-Double Hinged Per Pair Of Panels	800mm
	Over 1800mm drop
Second Midrail Required	Over 3000mm drop
Max Panel Height	3600mm
Minimum Panel Width	400mm
Minimum Panel Height	400mm

10年质保表面处理
10 Years Warranty Surface Treatment

粉末喷涂表面处理
Powder Coating Color

亮白	哑光白	银灰色	深灰色
Gloss White	Matte White	Silver	Monument
YFS11002	YFS13001	YFS03001	YFC32020

木纹表面处理
Wood Grain Color

枫木	雪松
Maple	Medium Cedar
YFSM0000	YD621

铝合金翻转百叶凉亭
Aluminum Flip Blade Pergola

铝合金翻转百叶凉亭，新一代户外生活的遮阳空间主体。
顶部叶片的开合的自由调节维持了开放式的户外空间感，多功能的使用方式，多样化的设计风格、完整的成品系统，
确保了其以单品的形式融合进入了家居和商业等休闲场所，是一款可以提供手动或者电动控制、标准尺寸或者定制
尺寸的适合全球地区多维度的高品质、高舒适度户外休闲空间遮阳产品。

Aluminum flip blade pergola, a new generation product of outdoor living shading space.

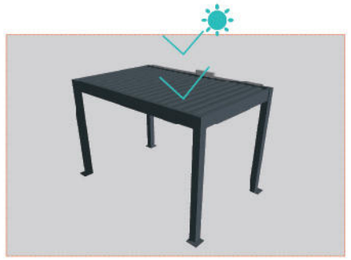
The free adjustment of the opening and closing of the top blades maintains an open outdoor space feel. With multi-functional usage methods, diversified design styles, and a complete finished product system, it is ensured to integrate into home, commercial and other leisure places as a single product. It is a high-quality and high-comfort outdoor leisure space shading product suitable for multiple dimensions in global regions, which can provide manual or electric control, standard or customized sizes.

胶条内置于叶片
达到更好的防水效果

Rubber strips are built into the blades to achieve better waterproof effect.

已达抗12级风力测试

It has passed the 12th grade wind force test.



铝合金双层百叶片阻挡太阳辐射热、
隔绝传导热，实现遮阳隔热效果

Aluminum alloy double-layer blades block solar radiation and heat conduction, achieving the effect of sunshade and heat insulation.

通过空气对流把热气快速从顶部
带走，实现通风散热功能

Hot air is quickly taken away from the top through air convection to achieve the effect of ventilation and heat dissipation.

0-120°的叶片开合角度
通过折射实现调光

The blade opening and closing angle of 0-120° realizes the dimming function.

200kg/㎡的雪载系数
每平方米可承重1米厚积雪

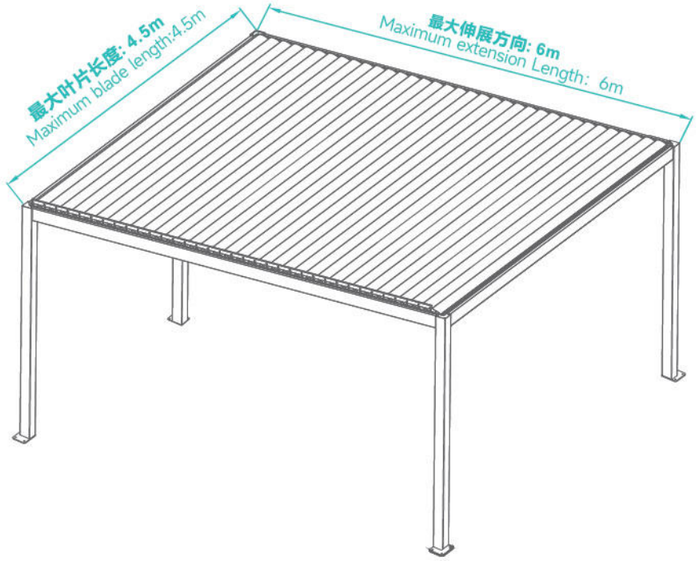
The snow load coefficient is 200kg/㎡, and each square meter can bear 1 meter of accumulated snow.

电动控制系统
Electric control system

P220

铝合金翻转百叶凉亭
Aluminum Flip Blade Pergola

带4支立柱的单个模块最大尺寸示意图:
Maximum size of a single Pergola with 4 columns



P220标准尺寸 (提供定制尺寸) P220 standard size (custom sizes available)		
伸展方向 Extension direction	叶片长度 Blade length	立柱数量 Column quantity
3m	3m	4
4m	3m	4
5m	3m	4
6m	3m	4
3m	4m	4
4m	4m	4
5m	4m	4
6m	4m	4

定制尺寸:
单套最大规格：27㎡
Custom sizes:
Maximum area per set: 27m²

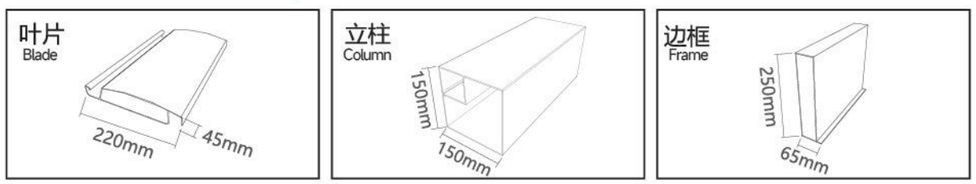
电动驱动
Electric Control

标准颜色 Standard colors:

砂纹灰
Matt Gray
YFC30038
RAL7016

磨砂白
Matt White
YFS10001
RAL9016

型材截面图 Profile sectional drawing



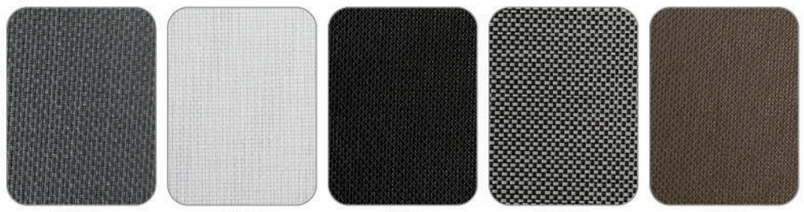
防风卷帘
Windproof Roller Blind

- 一款完美的户外立面遮阳产品。
- 与百叶凉亭的同色系确保了两个系统间可以自由组合成为一个新整体。
- 低透光率的**阳光面料**和智慧**平衡器**的有效结合，确保了面料在升降过程中保持平整和稳定，从而达到升降时的**平稳顺畅及整体强抗风**效果。

- A perfect outdoor vertical shading product.
- The same color system as the flip blade pergola ensures that the two systems can be freely combined into a new unit.
- The effective combination of low-light-transmitting sunshade fabric and intelligent balancer ensures that the fabric remains flat and stable during lifting, achieving smooth lifting and strong overall wind resistance.

标准面料选择
Standard Fabric Options

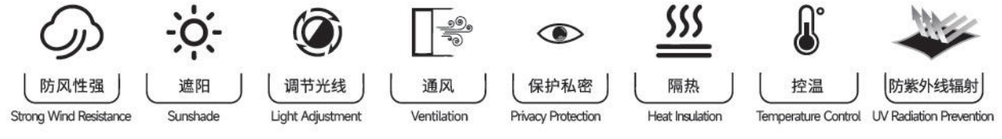
透光率：5%
Light Transmittance: 5%



深灰色 Dark Gray　白色 White　黑色 Black　黑灰色 Black-Gray　棕色 Brown

手动驱动 Manual Control　或　电动驱动 Electric Control

铝合金翻转百叶凉亭-配套产品
Aluminum Flip Blade Pergola-Supporting Products



全铝百叶窗
Aluminum Louver Shutter

- 可见光透射比、太阳光直接投射比及紫外线透射比，均为0.00，达到真正意义上的可隔绝紫外线和太阳光投射的效果
- 机翼状的空心双层百叶片提高了抗弯强度，确保受外力撞击时全铝百叶窗的变形度小，达到安全防护效果
- 全铝百叶窗时一款完美兼具了实用性、防护性和装饰性的高端室内外绿色节能遮阳产品。

- Visible light transmittance, direct solar transmittance, and UV transmittance are all 0.00, achieving the effect of truly blocking UV rays and solar radiation.
- The airfoil-shaped hollow double-layer blades enhance the bending strength, ensuring minimal deformation of the aluminum louver shutter when impacted by external forces, thus achieving safety protection.
- The aluminum louver shutter is a high-end indoor and outdoor green energy-saving shading product that perfectly combines practicality, protection, and decorativeness.

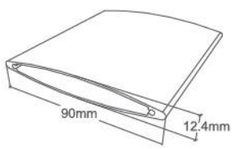
标准款式:
Standard Styles

L100 固定百叶
Fixed Louver Shutter

L300 推拉百叶
Sliding Louver Shutter

L400 折叠百叶
Bi-folding Louver Shutter

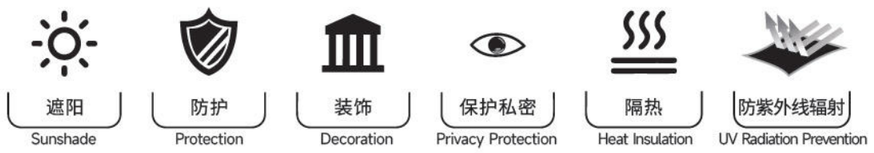
叶片尺寸:
Blade size:



标准颜色
Standard Colors

砂纹灰	磨砂白	磨砂棕	磨砂黑	橡木木纹
Matt Gray	Matt White	Matt Brown	Matt Black	Oak Wood Grain
YFC30038	YFS10001	YFS70002	YFC80004	YFCM0068N
RAL7016	RAL9016	RAL8014	RAL9011	

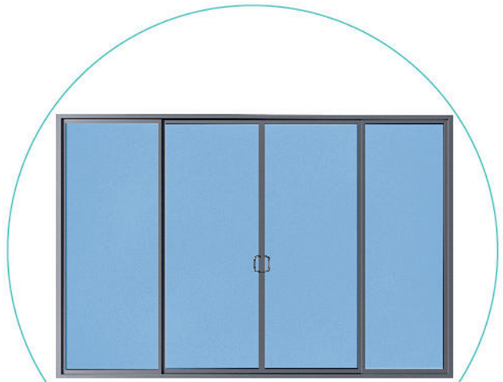
铝合金翻转百叶凉亭-配套产品
Aluminum Flip Blade Pergola-Supporting Products

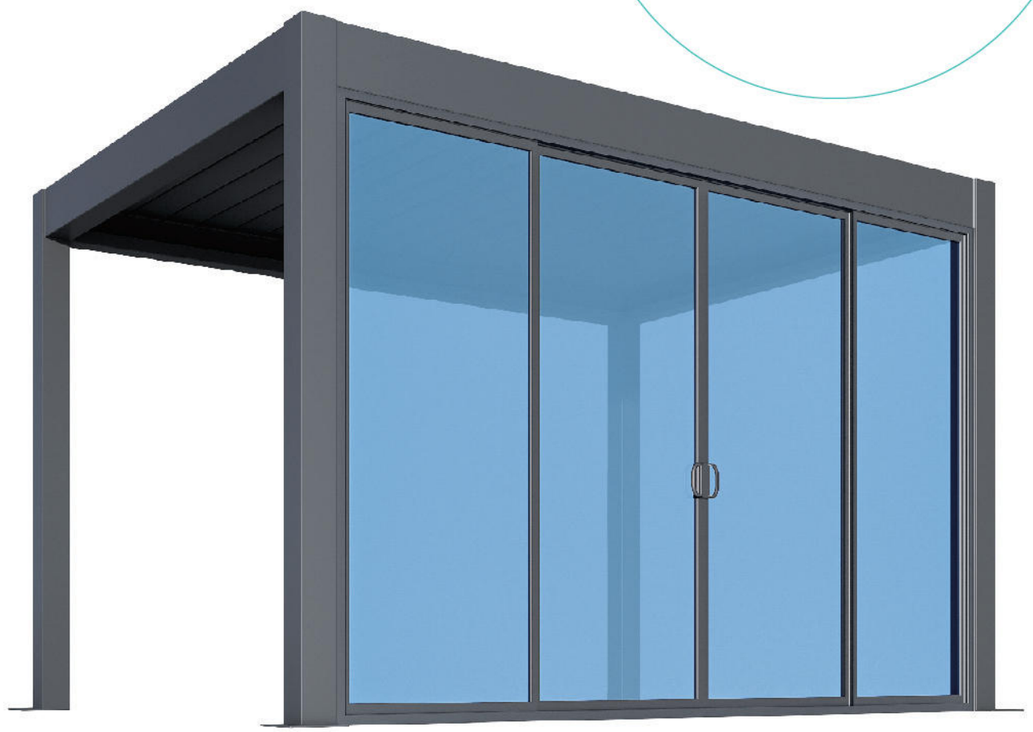


玻璃推拉门
Sliding Glass Door

- 百叶凉亭四面配推拉玻璃门能组成一个独立的封闭私人空间
- 如果需要打造一个更安全更私密的独立空间，那么玻璃推拉门是更好的选择。

- Installing sliding glass doors on the four sides of pergola can form an independent enclosed private space.
- If a safer and more private independent space is needed, the sliding glass door is a better choice.





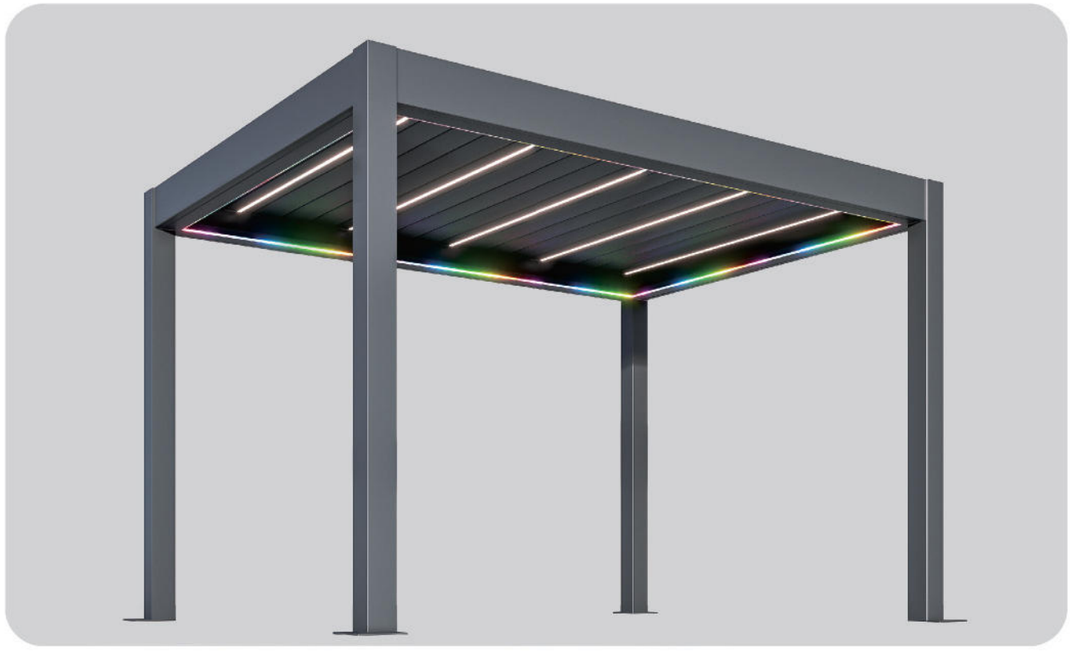
铝合金翻转百叶凉亭-配套产品
Aluminum Flip Blade Pergola-Supporting Products

防风性强
Strong wind resistance

控温
Temperature control

防护
Protection

LED 灯光系统
LED Lighting System



水槽灯带可以提供RGB幻彩灯带
RGB Magic-color light strips are available for gutter light strip

水槽灯带
Gutter light strip

叶片灯带
Blade light strip

可选配套产品
Optional Supporting Products

风雨传感器
Wind and rain sensor

这是一个在自然气候条件下，自动感知和检测风雨，并将检测到的信号传送至接收器，实现电动百叶凉亭自动关闭叶片的保护装置。

This is a protective device that automatically senses and detects wind and rain under natural climatic conditions, transmits the detected signals to the receiver, and realizes the automatic closing of the blades of the electric louver gazebo.

石墨烯取暖器
Graphene heater

电热暖炉有升温快，热量不易扩散的有点，非常适合作为寒冷季节在百叶凉亭内安装的取暖设备。

The electric heater has the advantages of fast heating and difficult heat diffusion, making it very suitable as a heating device installed in the louver gazebo in cold seasons.

安装环境示意图
Diagram of Installation Environment

独立式安装-4支立柱
Free-standing installation - 4 columns

双面靠墙安装-1支立柱
Double-side wall-mounted installation
- 1 column

可提供不规则形状
Irregular shapes can be provided

单面靠墙安装-2支立柱
Single-side wall-mounted installation - 2 columns

四面靠墙安装-无需立柱
Four-side wall-mounted installation
- No columns required

实拍案例图
Project Gallery

实拍案例图
Project Gallery