

## Innovative Carport MSK & MSD-Series

Light weight and High-intensity 3D plated truss structure.



▶ Product video



## SCN-Series

Strong for stormy wind and heavy snow.



### Manufacturer:

**Sankyo Tateyama, Inc.**  
**SankyoAlumi-Company**

Exterior Division Home Material Department

Address: 70 Hayakawa, Takaoka, Toyama 933-8610, Japan

Homepage: <http://www.exteriorworld.jp/english/>



ISO 9001  
ISO 14001



JTCCM  
QS/EMCA  
RQ 2063, RE 0695

(Registration range) <http://www.exteriorworld.jp/english/>



### General sales agency:

**TOYO Boeki Co., Ltd.**

Address : 5-3-7 Fukushima, Fukushima-ku,  
Osaka 553-0003, Japan

Tel : +81-6-6452-3839

Fax : +81-6-6452-3827

E-mail : [sales@toyoboeki.co.jp](mailto:sales@toyoboeki.co.jp)

Homepage: <http://www.toyoboeki.co.jp>

<http://www.carport-japan.jp>



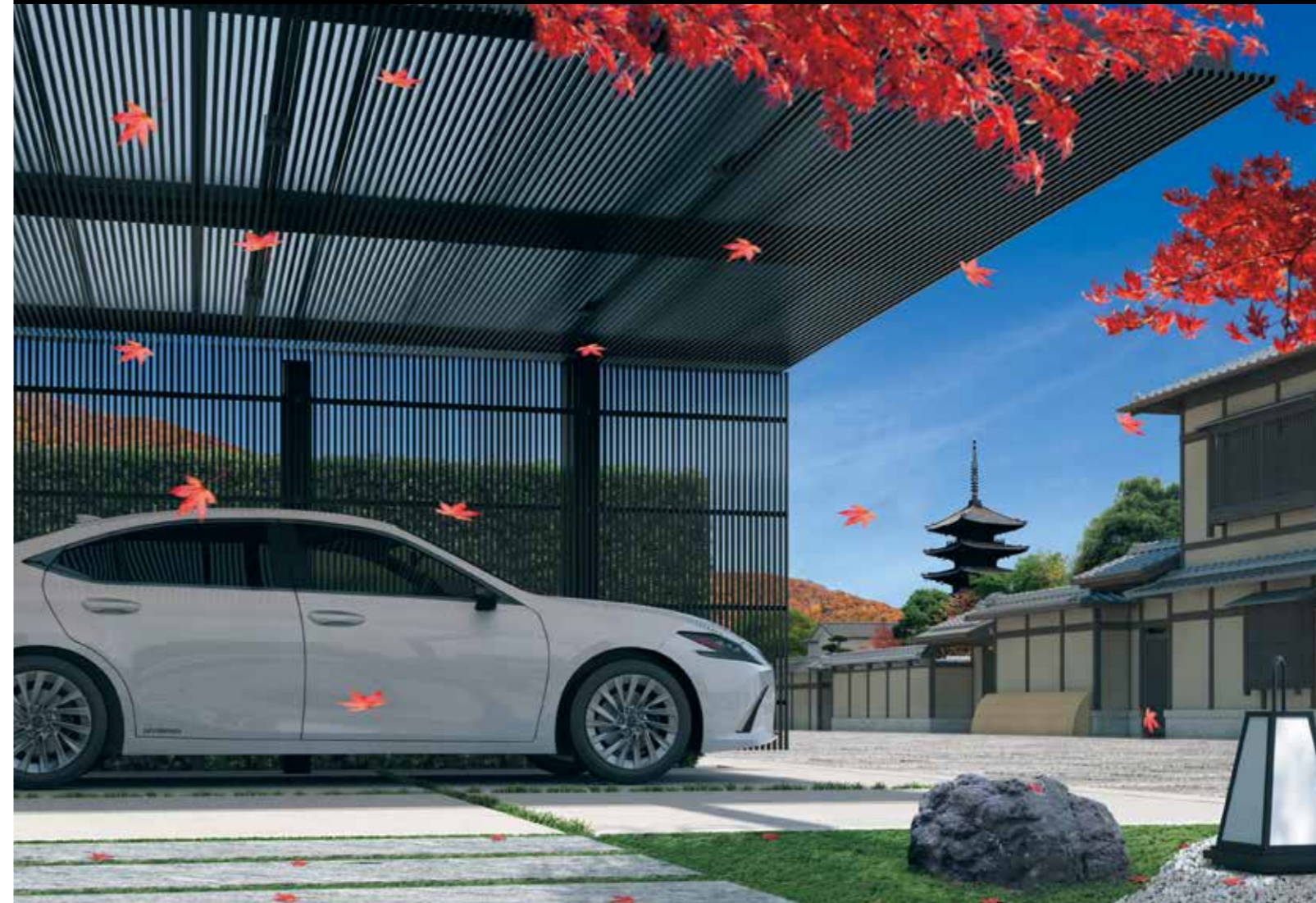
Catalog No.  
**STX1638A**

Printed in Japan

X.22.04-100

## SankyoTateyama

## Aluminum Exterior Products Series Catalog



Made in Japan





Perfect for parking space and entertaining areas  
 Architecturally designed for style and function

Premium Focus

No one desires inferior products. No one desires continual maintenance costs for products they've already paid for either. This is why we only use premium quality materials to deliver premium quality results.

Carport

▶ P.3



PJR-Series



PJF-Series



MLR-Series



LJF-Series



VR/VRS-Series



VD/VDS-Series



RSC/RSZ-Series



ATLD-Series



USN-Series



SKC-Series



KWC-Series



KLB/KLBS-Series

Terrace & Patio Covers

▶ P.29



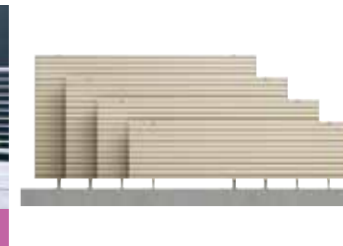
TR-Series



TF-Series



CEF-Series



Entry Gate & Tall Gate

▶ P.33



MCE-Series



HGN-Series

Non-Caster Accordion Gates

▶ P.37





# PORT VARIATION

Designed Port well harmonized design and function.

Many size variations for various spaces and lifestyles.  
Strong components and high resistance for wind and snow.  
Easy installation and maintenance.



## PJR-Series



Carport for various lifestyles with excellent performance.

► P.5

OPTION  
Snow load resistance  
**SNOW 900**  
N/m<sup>2</sup>

Snow load resistance  
**SNOW 600**  
N/m<sup>2</sup>

Wind pressure resistance  
**WIND 38**  
m/s

Wind pressure resistance  
**WIND 42**  
m/s

PJR

## PJF-Series



Refined simple & flat design.

► P.7

OPTION  
Snow load resistance  
**SNOW 900**  
N/m<sup>2</sup>

Snow load resistance  
**SNOW 600**  
N/m<sup>2</sup>

Wind pressure resistance  
**WIND 38**  
m/s

PJF

## MLR-Series



Port with risers with reversed roof-slope option.

► P.11

OPTION  
Snow load resistance  
**SNOW 900**  
N/m<sup>2</sup>

Snow load resistance  
**SNOW 600**  
N/m<sup>2</sup>

Wind pressure resistance  
**WIND 38**  
m/s

MLR

## LJF-Series



Redesigned open roof structure delivers beauty and strength.

► P.13

Snow load resistance  
**SNOW 600**  
N/m<sup>2</sup>

Snow load resistance  
**SNOW 900**  
N/m<sup>2</sup>

Wind pressure resistance  
**WIND 38**  
m/s

Wind pressure resistance  
**WIND 42**  
m/s

Wind pressure resistance  
**WIND 46**  
m/s

LJF

## VR/VRS-Series



Higher grade model for wind and snow.

► P.15

Snow load resistance  
**SNOW 900**  
N/m<sup>2</sup>

Snow load resistance  
**SNOW 1500**  
N/m<sup>2</sup>

Wind pressure resistance  
**WIND 38**  
m/s

Wind pressure resistance  
**WIND 42**  
m/s

Wind pressure resistance  
**WIND 46**  
m/s

VR/VRS

## VD/VDS-Series



Beautiful curved edge protects your car from wind and snow.

► P.16

Snow load resistance  
**SNOW 900**  
N/m<sup>2</sup>

Snow load resistance  
**SNOW 1500**  
N/m<sup>2</sup>

Wind pressure resistance  
**WIND 38**  
m/s

Wind pressure resistance  
**WIND 42**  
m/s

VD/VDS

## RSC/RSZ-Series



Front open, a clear view and easy access for parking.

► P.17

Snow load resistance  
**SNOW 600**  
N/m<sup>2</sup>

Snow load resistance  
**SNOW 900**  
N/m<sup>2</sup>

Wind pressure resistance  
**WIND 38**  
m/s

RSC/RSZ

## ATLD-Series



Strong structure and beautiful design improves quality living.

► P.19

Snow load resistance  
**SNOW 450**  
N/m<sup>2</sup>

Wind pressure resistance  
**WIND 46**  
m/s

ATLD

## USN-Series



Entrance / Carport system creates the perfect entrance space.

► P.21

Snow load resistance  
**SNOW 600**  
N/m<sup>2</sup>

Snow load resistance  
**SNOW 1500**  
N/m<sup>2</sup>

Wind pressure resistance  
**WIND 38**  
m/s

Wind pressure resistance  
**WIND 42**  
m/s

Wind pressure resistance  
**WIND 46**  
m/s

USN

## SKC-Series



Sophisticated flat carport with a focus on strength and design.

► P.23

Snow load resistance  
**SNOW 900**  
N/m<sup>2</sup>

Snow load resistance  
**SNOW 3000**  
N/m<sup>2</sup>

Wind pressure resistance  
**WIND 34**  
m/s

Wind pressure resistance  
**WIND 50**  
m/s

Wind pressure resistance  
**WIND 56**  
m/s

SKC

## KWC-Series



Cantilever design with deep projection. Post can be positioned on side or back.

► P.25

Snow load resistance  
**SNOW 600**  
N/m<sup>2</sup>

Wind pressure resistance  
**WIND 38**  
m/s

KWC

## KLB/KLBS-Series



Small port with side panels for EV charger or bicycles.

► P.26

Snow load resistance  
**SNOW 600**  
N/m<sup>2</sup>

Snow load resistance  
**SNOW 1500**  
N/m<sup>2</sup>

KLB/KLBS





Single Basic

1 car

PJR-5033 H23 (SLC)



Wide Beam Triple

3 cars

PJRT-5072 H23 (BD)



M-Connection

Y-Connection

In-Line Connection

PJR-50-2424M H23 (KC)

PJR-50-2727Y H23 (UC)

PJR-5050-27 H23 (SLC)

2 cars

2 cars

2 cars



In-Line Short Extension

Mini

Wide Beam

PJR-5014-27 H23 (BD)

PJR-2921 H18 (SLC)

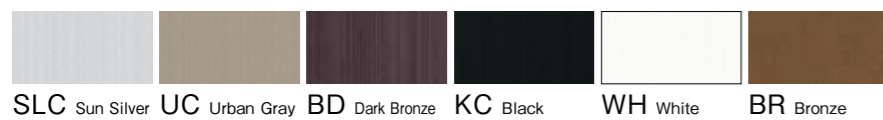
PJRW-5054 H23 (SLC)

1 car + bicycle

bicycle

2 cars

ALUMINIUM COLOR

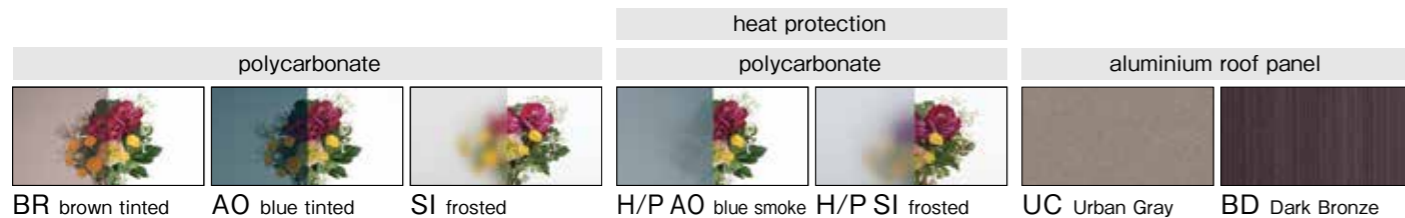


SLC Sun Silver UC Urban Gray BD Dark Bronze KC Black WH White BR Bronze

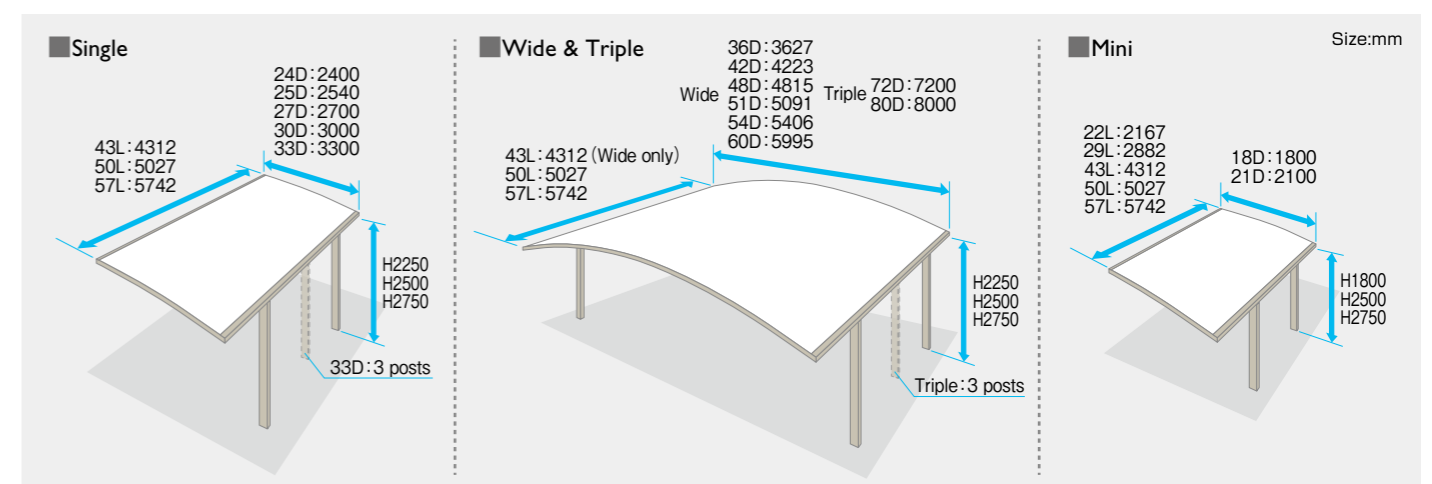
STRENGTH



ROOF COLOR



BR brown tinted AO blue tinted SI frosted H/P AO blue smoke H/P SI frosted UC Urban Gray BD Dark Bronze







Single Basic  
 × 1 car

PJF-5127 H25 (UC)



Single Basic 33D  
 × 1 car

PJF-5133 H25 (KC)



× 1 car

× 2 cars

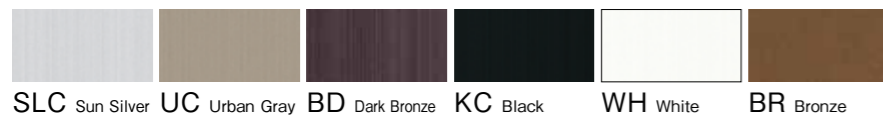
× 2 cars



× 2 cars

× 1 car +

ALUMINIUM COLOR

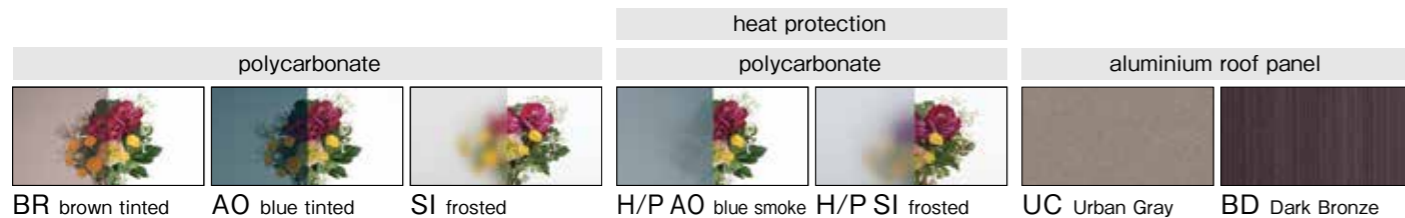


SLC Sun Silver UC Urban Gray BD Dark Bronze KC Black WH White BR Bronze

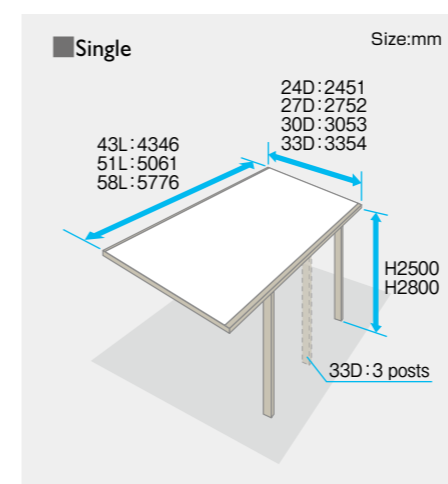
STRENGTH



ROOF COLOR



BR brown tinted AO blue tinted SI frosted H/P AO blue smoke H/P SI frosted UC Urban Gray BD Dark Bronze



DESIGN

**FLAT ROOF DESIGN** Simple & Stylish Form



PJR  
 PJF  
 MLR  
 LJF  
 VRVRS  
 VDVDS  
 RSCR/SZ  
 ATLD  
 USN  
 SKC  
 KWC  
 KLB/KLBs



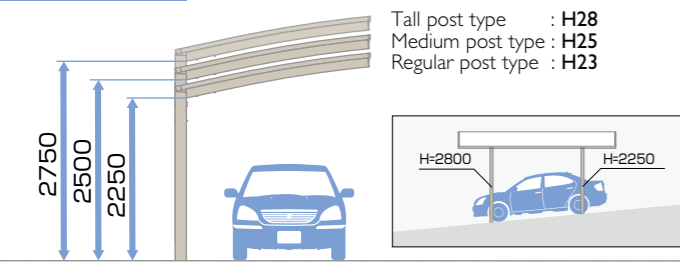
## PJR & PJF Series Common Features

### Size

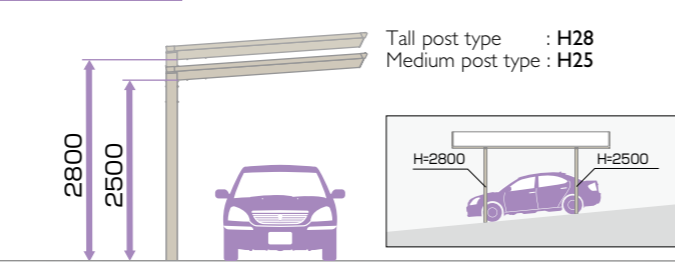


### Post Type

**PJR Series** 3 different long post types H23, H25, H28 are available.



**PJF Series** 2 different long post types H25, H28 are available.

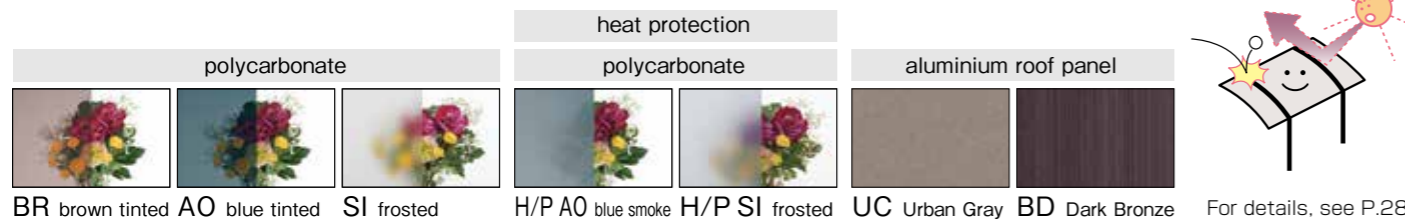


### ALUMINIUM COLOR

6 color variations to match the style of your home.

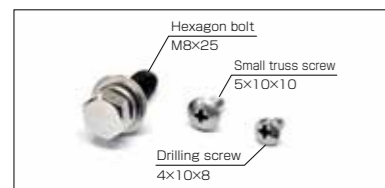


### ROOF COLOR



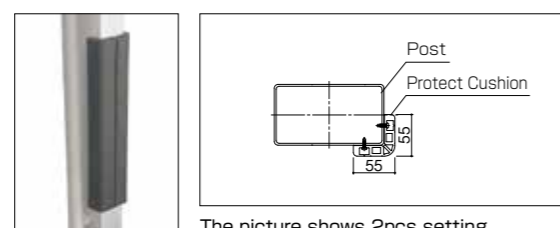
### Locking Bolt

#### Common Screws



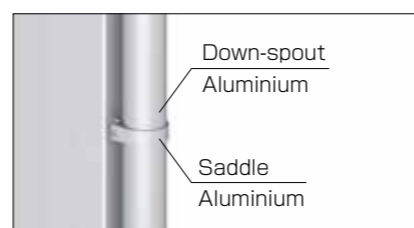
3 types of screws help save time during installation.

### Protect Cushion



The picture shows 2pcs setting. The rubber cushion protects car-door and post while getting in/out the car.

### Aluminium Down-spout



Aluminium rain gutter and saddle.

## PJR & PJF Series Side-panel Options

### Side Panel

#### PJR Series



**Notes-1** Not available for ports with tall posts H28 (H=2.8m).  
**Notes-2** Requires an additional support post for side panels higher than H800, and panel support to achieve higher wind rating.

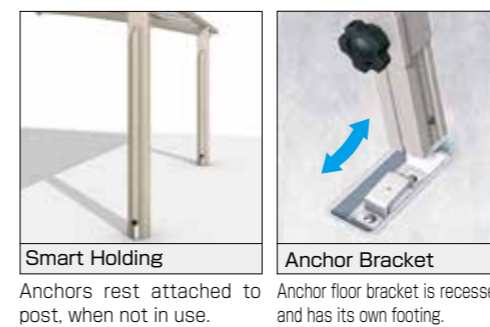
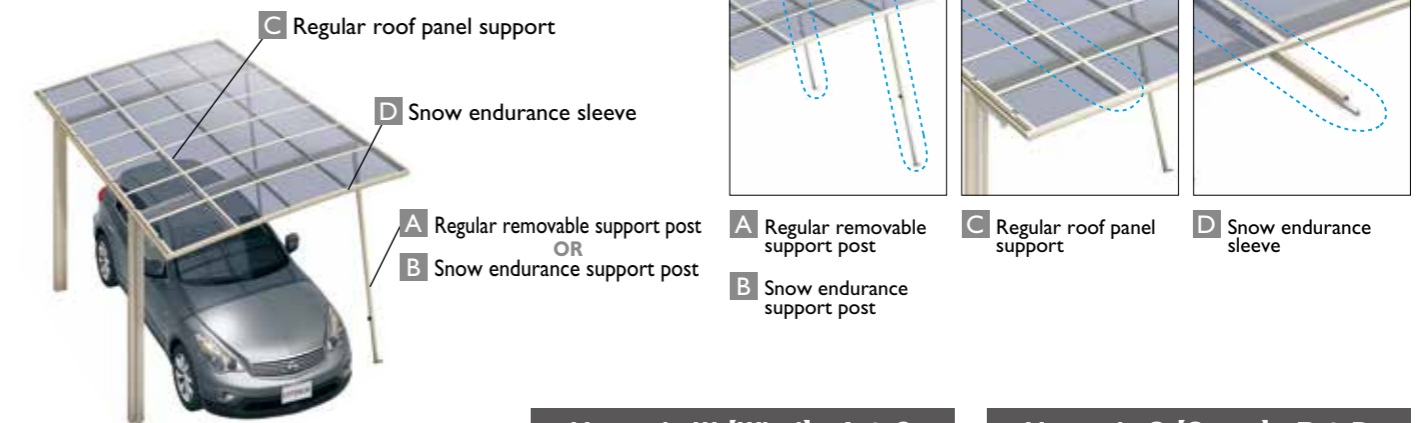
#### PJF Series



**Notes-1** Not available for ports with tall posts H28 (H=2.8m).  
**Notes-2** Requires an additional support post for side panels higher than H800, and panel support to achieve higher wind rating.

## PJR, PJF & MLR Series Options to protect from Wind and Snow

### Wind & Snow Upgrade Package



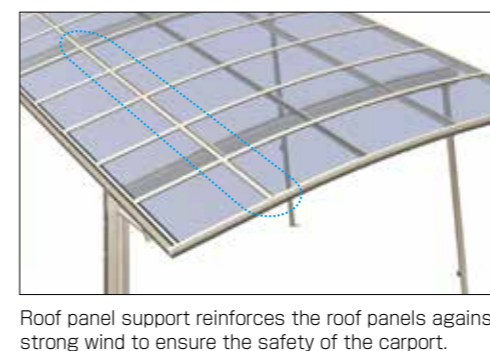
Smart Holding: Anchors rest attached to post, when not in use.  
Anchor Bracket: Anchor floor bracket is recessed and has its own footing.

**Upgrade W [Wind] : A + C**

**WIND 38 m/s → 42 m/s** (Wind pressure resistance)

**Upgrade S [Snow] : B + D**

**SNOW 20 cm → 30 cm** (Snow load resistance)



Roof panel support reinforces the roof panels against strong wind to ensure the safety of the carport.

**Upgrade WS [Wind & Snow] : B + C + D**

**WIND 38 m/s → 42 m/s** (Wind pressure resistance)  
**SNOW 20 cm → 30 cm** (Snow load resistance)



Smart & flat design, a beautiful addition to any modern house.



Single Basic  
 × 1 car

MLR-5126 H25 (SLC)



Single Basic 34D  
 × 1 car

Reverse Incline Roof  
 MLR-R5134 H25 (KC)

M-Connection	In-Line Connection	In-Line Short Extension
MLR-51-2626M H25 (TPL)	MLR-5151-26 H22 (UC)	MLR-R5114-26 H25 (TPL)
× 2 cars	× 2 cars	× 1 car +

**Mini**

MLR-2922 H25 (CML)

**Reversible Roof Incline (Option)**

- Standard Incline Roof Type
- Reverse Incline Roof Type

Reverse

**COLOR**

aluminium type				laminated type			
SLC Sun Silver	UC Urban Gray	BD Dark Bronze	KC Black	TP Trad Pine	SLC Sun Silver	JC Orange Cherry	UC Urban Gray
TPL				JCL			
TPU				JCU			

**ROOF COLOR**

polycarbonate				
BR brown tinted	AO blue tinted	SI frosted	H/P AO blue smoke	H/P SI frosted

**STRENGTH**

Snow load resistance **SNOW 600** N/m<sup>2</sup>

Wind pressure resistance **WIND 38** m/s

**Single Basic**

Height: H2500 (H2800), Depth: 150

Dimensions: 25D: 2839 (3139), 26D: 2850 (3150), 28D: 2860 (3160), 31D: 2881 (3181), 34D: 2903 (3203)

Dimensions: 25D: 2523, 26D: 2664, 28D: 2824, 31D: 3125, 34D: 3426

**M-Connection**

Height: H2500 (H2800), Depth: 150

Dimensions: 50D: 5081, 52D: 5222, 53D: 5363-5382, 55D: 5523, 56D: 5683, 58D: 5824, 59D: 5984, 61D: 6125, 62D: 6285, 65D: 6586, 68D: 6887

Length: 43L: 4356 (6 roof panels), 51L: 5071 (7 roof panels), 58L: 5786 (8 roof panels)

95, 58L34D beam extension

**Reverse Incline Roof**

Height: H2500 (H2800), Depth: 150

Dimensions: 25D: 2797 (3097), 26D: 2804 (3104), 28D: 2812 (3112), 31D: 2828 (3128), 34D: 2843 (3143)

Dimensions: 25D: 2537, 26D: 2677, 28D: 2836, 31D: 3134, 34D: 3432

**Mini**

Height: H2500 (H2800), Depth: 150

Dimensions: 19D: 2797 (3097), 22D: 2818 (3118)

Length: 19L: 1919, 22L: 2211 (3 roof panels), 43L: 4356 (6 roof panels), 58L: 5786 (8 roof panels), 29L: 2926 (4 roof panels), 51L: 5071 (7 roof panels)

95



The Redesigned LJF has an open roof structure combining beauty and strength. Protects from sun, wind and rain.



Single Basic	Wide Beam Triple	In-Line Connection
 LJF-5028 H23 (UC)	 LJF-5080 H23 (BD)	 LJF-5050·28 H23 (JCU)
× 1 car	× 3 cars	× 2 cars

Single (Bearing Beam)	Wide Beam	Advantage of single long slope
 LJF-5028 H23 (JCL)	 LJF-5054 H23 (TPU)	 Protect wind blow and rain! Keep fine view from inside! Enough length to suit your car
× 1 car	× 2 cars	

### COLOR

aluminium type					laminiate type							
SLC Sun Silver	UC Urban Gray	BD Dark Bronze	KC Black	WH White	TP Trad Pine	SLC Sun Silver	JC Orange Cherry	SLC Sun Silver	TP Trad Pine	UC Urban Gray	JC Orange Cherry	UC Urban Gray
					TPL		JCL		TPU		JCU	

### ROOF COLOR

polycarbonate			heat protection polycarbonate	
BR brown tinted	AO blue tinted	SI frosted	H/P AO blue smoke	H/P SI frosted

### STRENGTH


### Cantilever Type


### Bearing Beam Type


Dimensions (mm):  
 Cantilever Type: 24D:2360, 28D:2800, 25D:2460, 31D:3050, 33D:3340, 50L:5000, 54L:5400, 58L:5800, 33D:3 posts.  
 Bearing Beam Type: Single (24D:2360, 25D:2460, 28D:2800, 31D:3050, 33D:3340), Wide (48D:4820, 52D:5160, 54D:5410, 60D:6000), Triple (72D:7180, 80D:7960).  
 Heights: H2300, H2500, H2800.



Two ports with various options for snow-loads and higher wind-ratings.



Single Basic



VR-5027 H23 (SLC)



Single Basic



VD-5127 H23 (UC)



Wide beam

Y-Connection

In-Line Connection

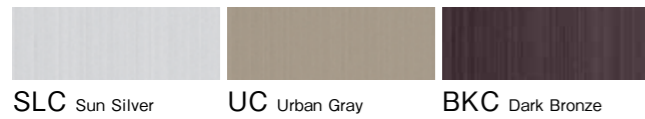
VRW-5054 H23 (UC)

VR-50·2727Y H23 (UC)

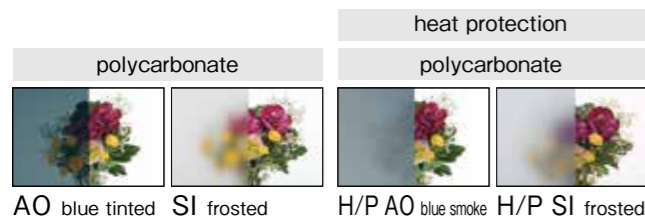
VR-5050·27 H23 (UC)



ALUMINIUM COLOR

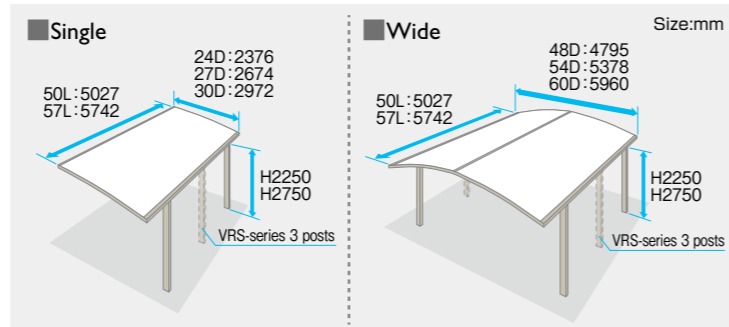


ROOF COLOR



STRENGTH

VR-series (2posts type)			VRS-series (3posts type)		
Snow load resistance	Wind pressure resistance	Wind pressure resistance	Snow load resistance	Wind pressure resistance	Wind pressure resistance
<b>SNOW 900</b> N/m <sup>2</sup>	<b>WIND 38</b> m/s	<b>WIND 42</b> m/s	<b>SNOW 1500</b> N/m <sup>2</sup>	<b>WIND 42</b> m/s	<b>WIND 46</b> m/s
	Single	Wide		Single	Wide



M-Connection

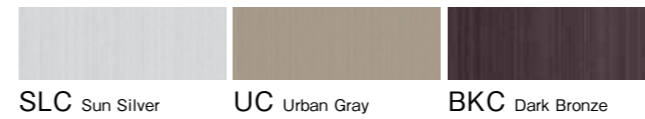
In-Line Connection

VD-51·2727M H23 (UC)

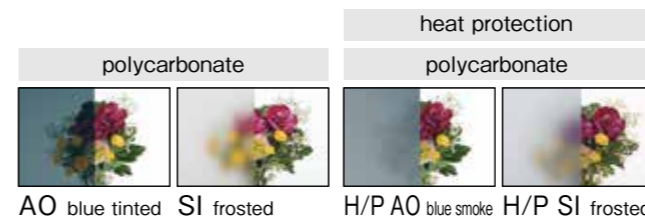
VD-5131·27 H23 (UC)



ALUMINIUM COLOR

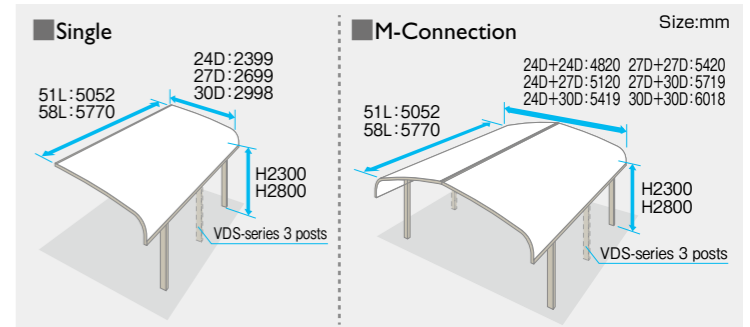


ROOF COLOR



STRENGTH

VD-series (2posts type)		VDS-series (3posts type)	
Snow load resistance	Wind pressure resistance	Snow load resistance	Wind pressure resistance
<b>SNOW 900</b> N/m <sup>2</sup>	<b>WIND 38</b> m/s	<b>SNOW 1500</b> N/m <sup>2</sup>	<b>WIND 42</b> m/s





Front open, a clear view and easy access for parking.



RSC Series  
Single  
1 car

RSC-5027 H23 (KC)



RSZ Series  
Wide  
2 cars

RSZ-5054 H23 (TPL)



1 car

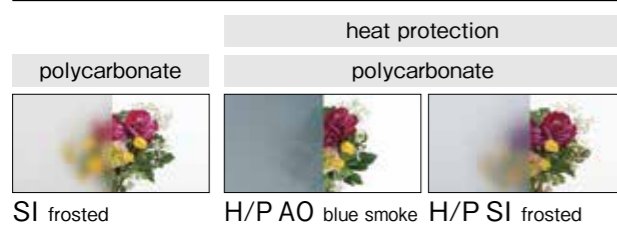
2 cars

2 cars

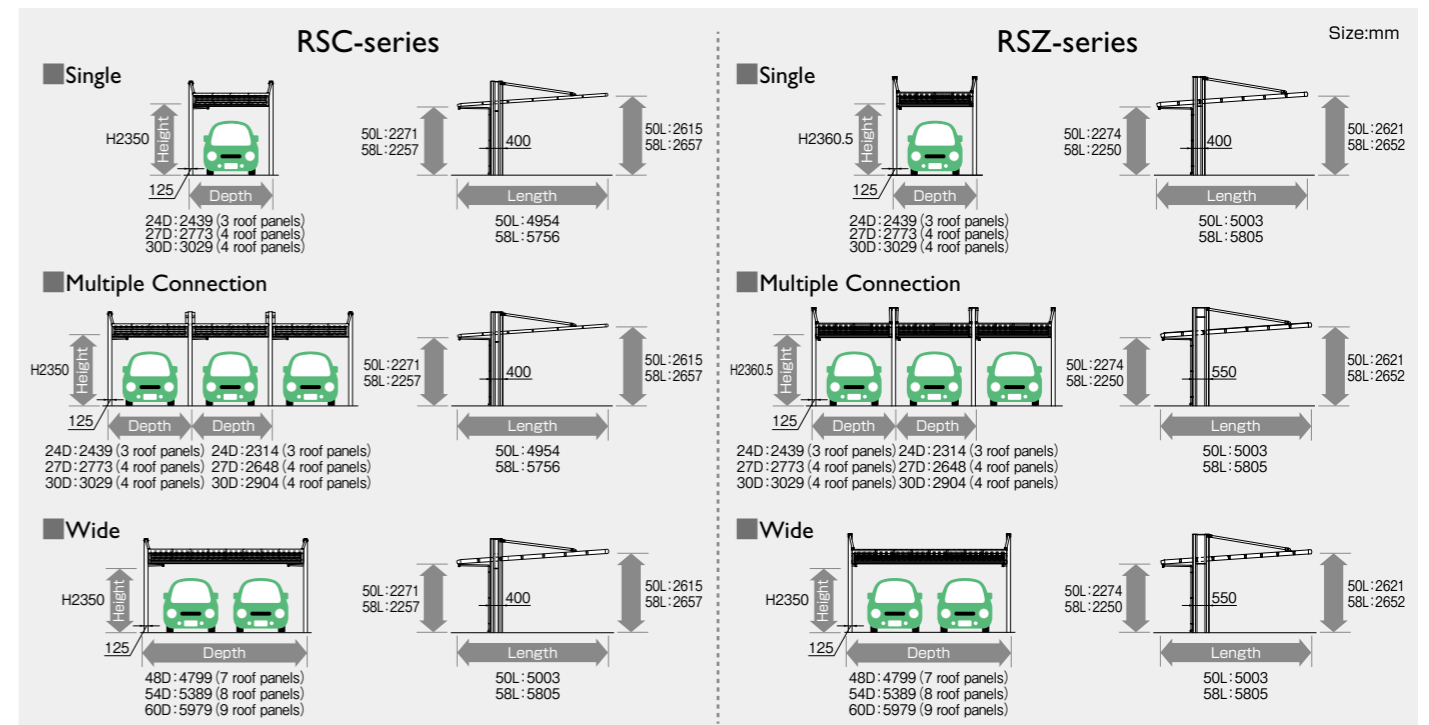
COLOR

aluminium type			laminate type							
SLC Sun Silver	UC Urban Gray	KC Black	TP Trad Pine	SLC Sun Silver	JC Orange Cherry	SLC Sun Silver	TP Trad Pine	UC Urban Gray	JC Orange Cherry	UC Urban Gray
			TPL	JCL		TPU		JCU		

ROOF COLOR



STRENGTH







Wide  
 × 2 cars

ATLD-5558 H25 (UC·HG)



Product video



Single



× 1 car

Multiple Purpose



Multiple Purpose



Multiple Purpose



Multiple Purpose



Multiple Purpose



COLOR

- aluminium type
- SLC Sun Silver
  - UC Urban Gray
  - BD Dark Bronze
  - WH White

Side panel

- TP Trad Pine
- JC Orange Cherry
- HG Bitter Grain
- SI clear mat (thickness 5mm)

Ceiling

- TP Trad Pine
- JC Orange Cherry
- HG Bitter Grain

STRENGTH

Snow load resistance  
**SNOW 4500** N/m<sup>2</sup>

Wind pressure resistance  
**WIND 46** m/s



PJR  
 PJF  
 MLR  
 LJF  
 VRVRS  
 VDVDS  
 RSCRZ  
 ATLD  
 USN  
 SKC  
 KWC  
 KLB/KLBs



Entrance / Carport system creates the perfect entrance space.



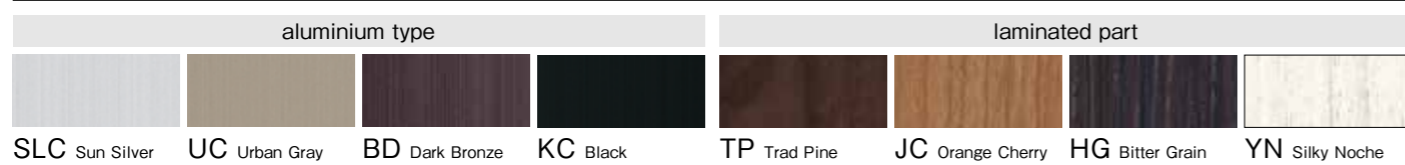
Wide  
 × 3 cars

USN-60 (24-24-24) H26 (KC-JC)

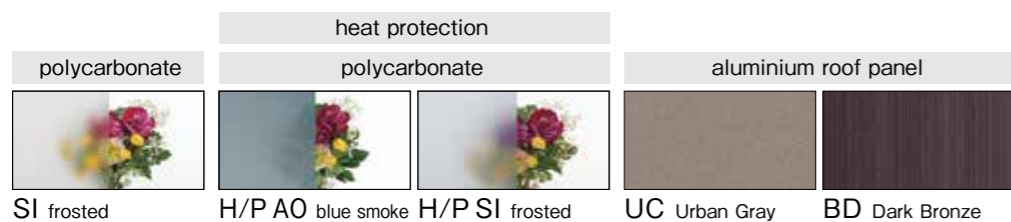


× 2 cars

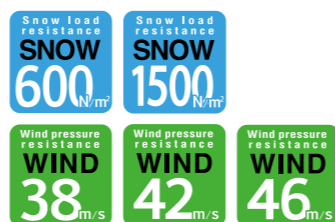
COLOR



ROOF COLOR



STRENGTH



Roof style variations

Standard Roof

Aluminium roof frame

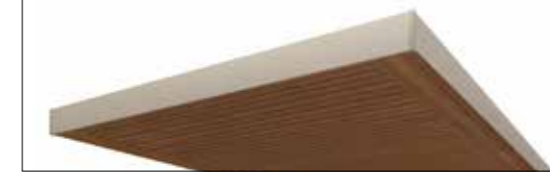


Wood-laminate roof frame



Premium Roof

Aluminium roof frame + Wood-laminate ceiling



Wood-laminate roof frame + ceiling



Three basic structure



Roof placed on beams



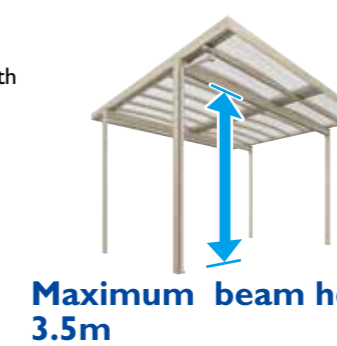
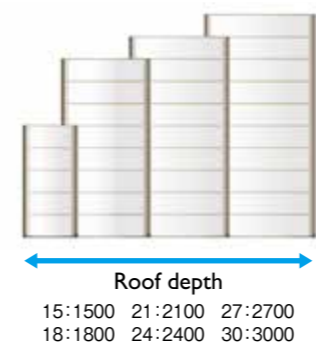
Roof attached to posts



Roof suspended from beams



Size(mm)



Ceiling







Wide  
 × 2 cars

SKC-6155 H25 (KC)

Product video

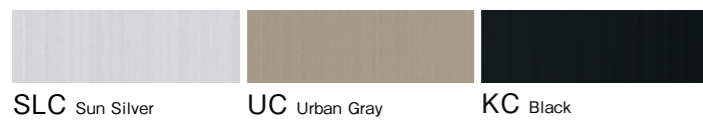


× 2 cars

× 2 cars



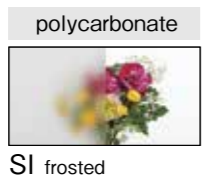
ALUMINIUM COLOR / Ceiling



ROOF COLOR



Side panel



STRENGTH

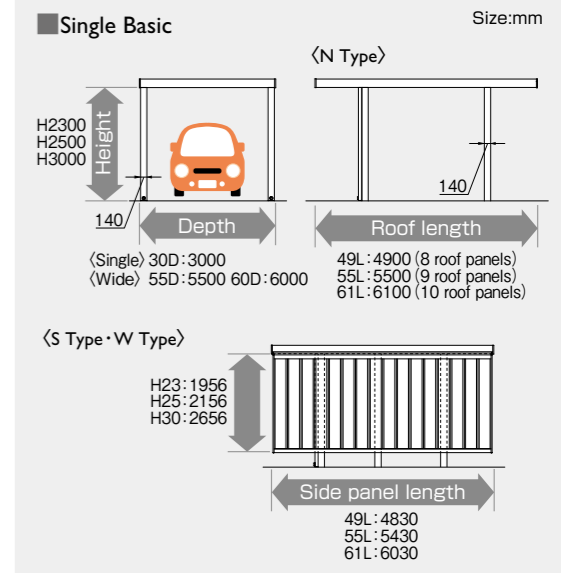
Single	<b>SNOW 300</b> N·m <sup>2</sup>	<b>WIND 56</b> m/s	<b>WIND 34</b> m/s
		N Type	S/W Type
Wide	<b>SNOW 90</b> N·m <sup>2</sup>	<b>WIND 50</b> m/s	<b>WIND 34</b> m/s
		N Type	S/W Type

Type

Standard Type <without ceiling>



Premium Type <with ceiling>

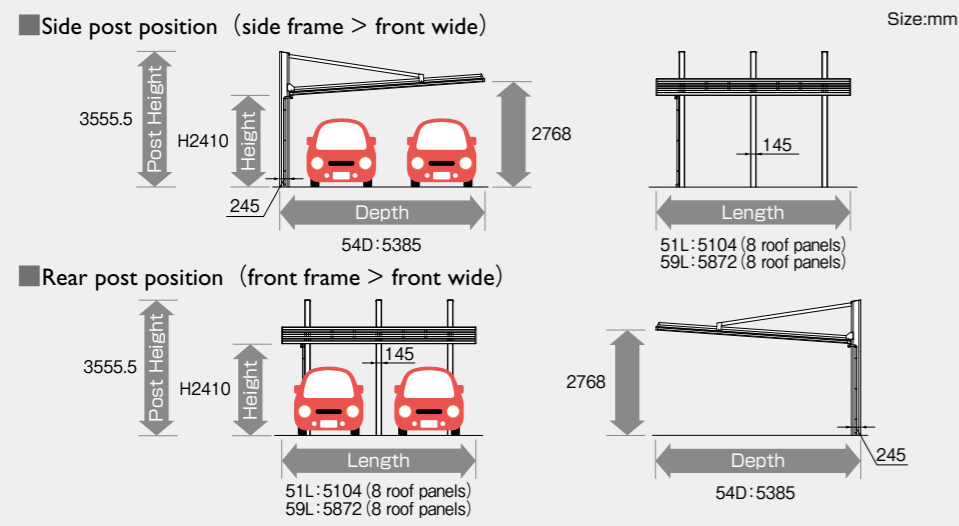




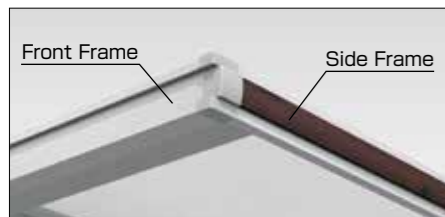
Cantilever design with deep projection.  
Posts can be positioned on side or back.



Small port with side panels for EV charger or bicycle.

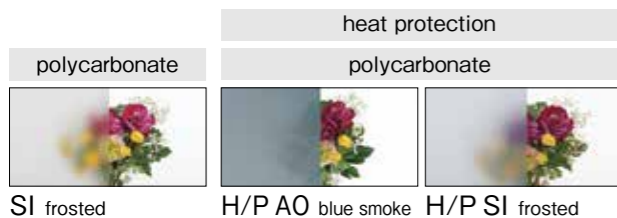


**COLOR**



aluminium type		laminated type			
SLC Sun Silver	UC Urban Gray	TP Trad Pine	SLC Sun Silver	JC Orange Cherry	SLC Sun Silver
		TPL		JCL	
		TP Trad Pine	UC Urban Gray	JC Orange Cherry	UC Urban Gray
		TPU		JCU	

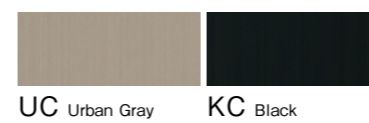
**ROOF COLOR**



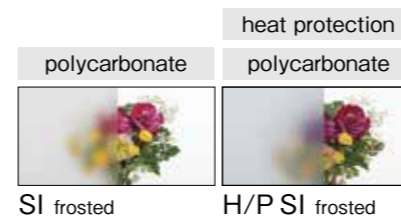
**STRENGTH**



**ALUMINIUM COLOR**



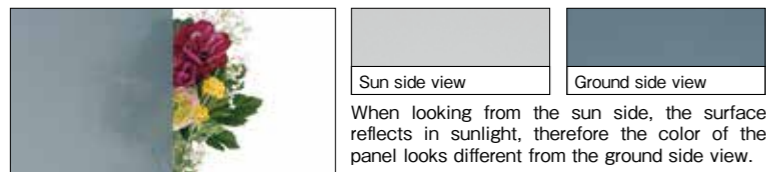
**ROOF COLOR**



**STRENGTH**







H/P AO blue smoke

**Cuts out 83% of heat rays**

Almost all harmful ultraviolet rays (UV) can be cut out. The roof protects car paintwork from fading and car seats from discoloring.

The temperature in sun-heated cars can rise to 65.8°C. Heat protection polycarbonate carports protect your cars from the summer heat.

**CAR INSIDE -21°C**

Polycarbonate roof protects your car from heat waves and restricts temperature rise in the car.

■ Effect of polycarbonate roof against heat wave (our test result)

Exposed to the sun	Under general polycarbonate roof	Under heat protection polycarbonate roof
65.8°C	50.5°C	44.1°C

The above values are actual values measured by us and not guaranteed values for the products.

**Approx. 250 times stronger than glass**

Polycarbonate sheet has impact resistance approx. 250 times higher than glass. It can even withstand being hit with a hammer. The polycarbonate roof can protect your car from bad weather conditions such as hail. In addition, since it does not harden, it is suitable for use in cold climates.

Model	PJR	PJF	MLR	LJF	VR/VRS	VD/VDS	RSC/RSZ	ATLD	USN	SKC	KWC	KLB/KLBS
Polycarbonate	Cut out UV rays 100% and has a strong impact resistance 250 times higher than glass. Since it does not harden at low temperatures, it is suitable for use in cold climates.											
BR brown tinted	●	●	●	●								
AO blue tinted	●	●	●	●	●	●						
SI frosted	●	●	●	●	●	●	●	●	●	●	●	●
Heat protection polycarbonate	The panel effectively cuts solar heat rays (infrared rays) and UV rays.											
H/P AO blue smoke	●	●	●	●	●	●	●		●		●	
H/P SI frosted	●	●	●	●	●	●	●		●		●	●
Aluminium roof panel	Aluminum alloy panels protect the car from direct sunlight and solar heat. Both surfaces are coated with a polyester resin baked-on coating.											
UC Urban Gray	●	●							●			
BD Dark Bronze	●	●							●			

Roof Panel Performance

Performance	Panel Type	Polycarbonate			Heat Protection Polycarbonate	
		Brown Tinted (BR)	Blue Tinted (AO)	Frosted (SI)	Blue Smoke (H/P AO)	Frosted (H/P SI)
Heat Rays (IR) Cut %		45%	40%	16%	83%	70%
Visible Rays Transmissivity %		34%	20%	88%	11%	76%
UV Rays Cut %		100%	100%	100%	100%	100%

Heat Effect under the Sun Shine

Performance	Panel Type	Sun Direct	Polycarbonate (BR)	Heat Protection Polycarbonate (H/P AO)
Car inside		65.8°C	50.5°C	44.1°C
Steering wheel (surface)		85.6°C	60.4°C	48.2°C
Dashboard (surface)		92.7°C	66.5°C	50.4°C

Test Condition : JAPAN / Summer / Fine Day  
Ambient Temperature : 34°C~36°C





# Terrace & Patio Covers

## TR Series

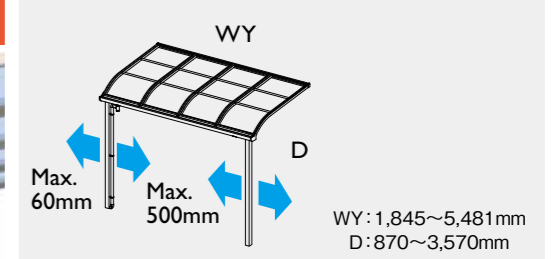
### STRENGTH

Snow load resistance  
**SNOW 600** N/m<sup>2</sup>

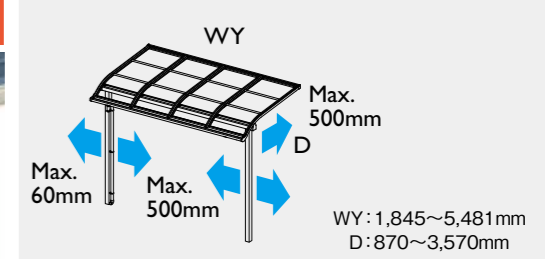
Wind pressure resistance  
**WIND 36** m/s

Curve: 3 different types are available.

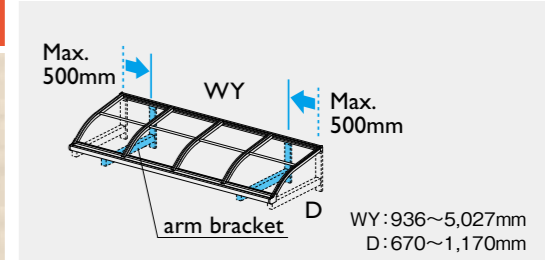
#### Fixed Post Type



#### Adjustable Post Type



#### Bracket Type



## TF Series

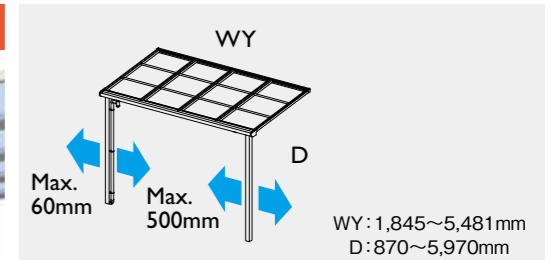
### STRENGTH

Snow load resistance  
**SNOW 600** N/m<sup>2</sup>

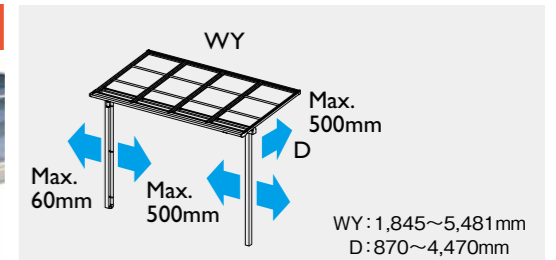
Wind pressure resistance  
**WIND 36** m/s

Flat: 3 different types are available.

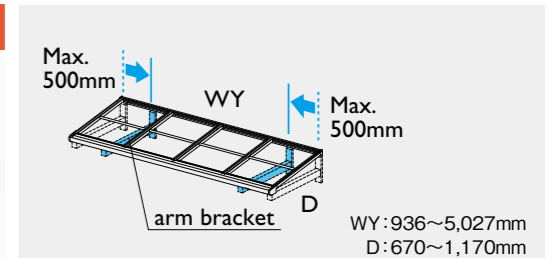
#### Fixed Post Type



#### Adjustable Post Type



#### Bracket Type







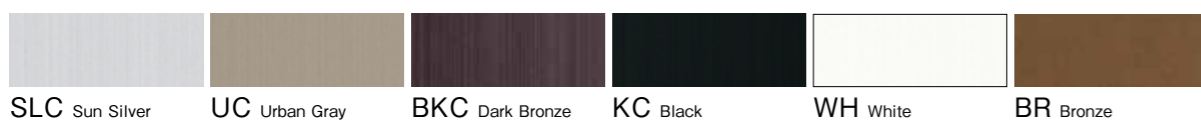
Installation Examples



Installation Examples



ALUMINIUM COLOR



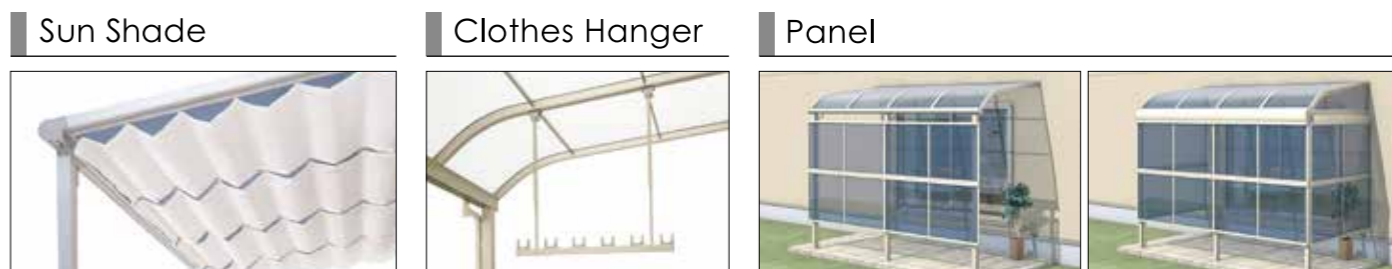
ROOF COLOR



STRENGTH



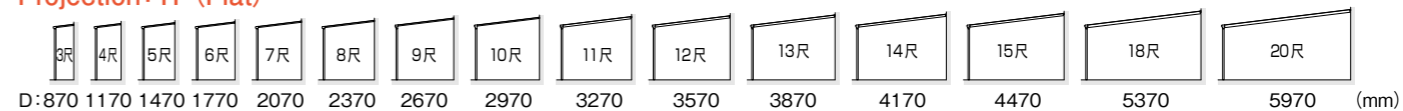
Option



Projection: TR (Curve)



Projection: TF (Flat)

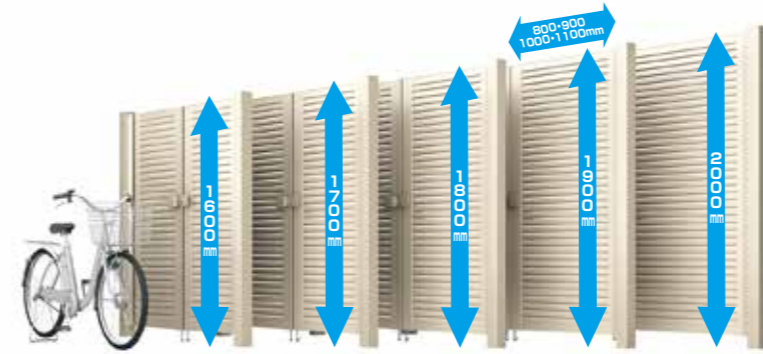




# MCE Series Entry Gate & Tall Gate



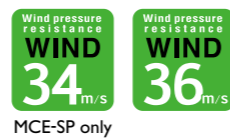
Maximum Height is 2m (6.5ft) .  
Maximum Width is 2.2m (7.2ft)  
(for Double Gate)



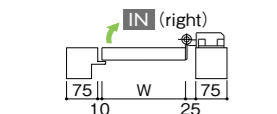
## ALUMINIUM COLOR



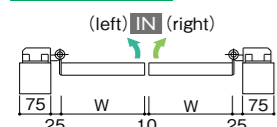
## STRENGTH



## Single Gate



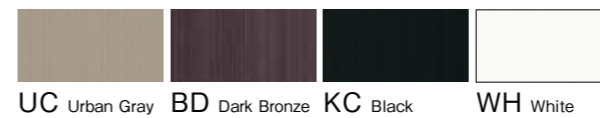
## Double Gate



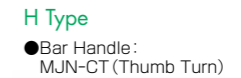
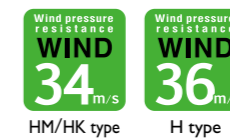
## Dimensions (mm)

Height		Width										
		Single Gate					Double Gate					
		600	700	800	900	1000	600x2	700x2	800x2	900x2	1000x2	
1000		○	○	○	○	—	○	○	○	○	—	
1200		○	○	○	○	○	○	○	○	○	○	
1400		—	○	○	○	○	—	○	○	○	○	

## ALUMINIUM COLOR



## STRENGTH



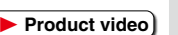
## HM Type

- Lever Handle: LMN-01 (Thumb Turn)
- Lever Handle: LMN-03 (Cylinder Key)
- Lever Handle: LMN-04 (Dummy Cylinder Key)



## HK Type

- Keyless Entry Lock: MJN-KX-S



## Dimensions (mm)

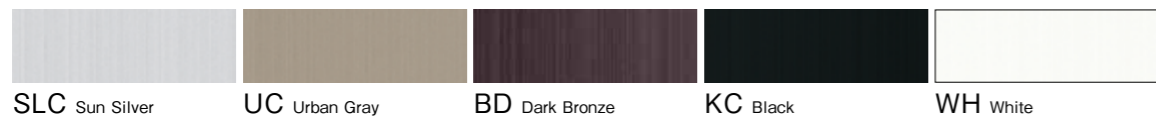
Height		Width							
		Single Gate				Double Gate			
		800	900	1000	1100	800x2	900x2	1000x2	1100x2
1600		○	○	○	○*	○	○	○	○*
1700		○	○	○	○	○	○	○	○
1800		○	○	○	○	○	○	○	○
1900		○	○	○	○	○	○	○	○
2000		○	○	○	○*	○	○	○	○*

\* indicates keyless entry lock gate size.

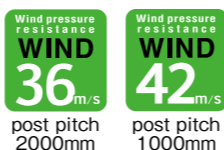




ALUMINIUM COLOR



STRENGTH



Corner Connector



In-Between Post Corner



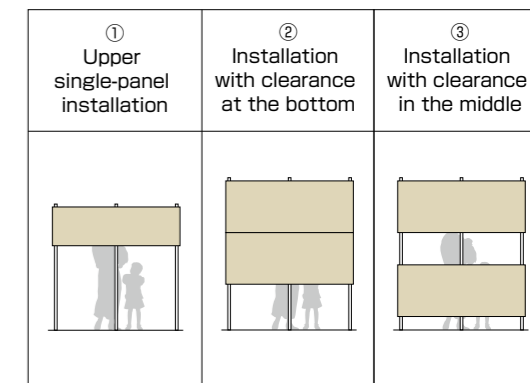
Free Post Type



In-Between Post



Many combinations of fence panel heights are available.  
Maximum height is 2936mm (9.6ft).



The fence panels can be installed at any height with adjustable brackets. You can combine different panel style and heights.

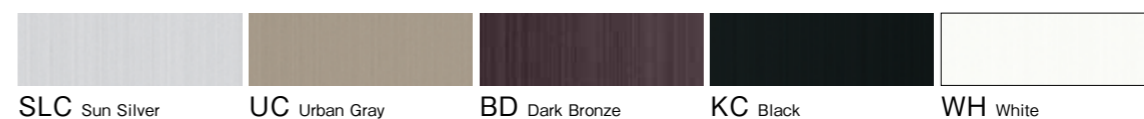


Top/bottom: YL2

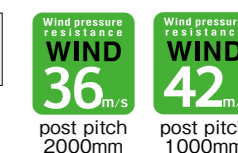


Top/Middle: TM1/Under: TK1

ALUMINIUM COLOR



STRENGTH



Basic Combination Size (mm)

	H06 H06	H08 H06	H08 H08	H10 H08	H10 H10	H12 H10	H12 H12	H10 H08	H10 H08	H10 H10
	12	14	16	18	20	22	24	26	28	30
Height	1123	1323	1523	1723	1923	2123	2323	2444	2644	2844

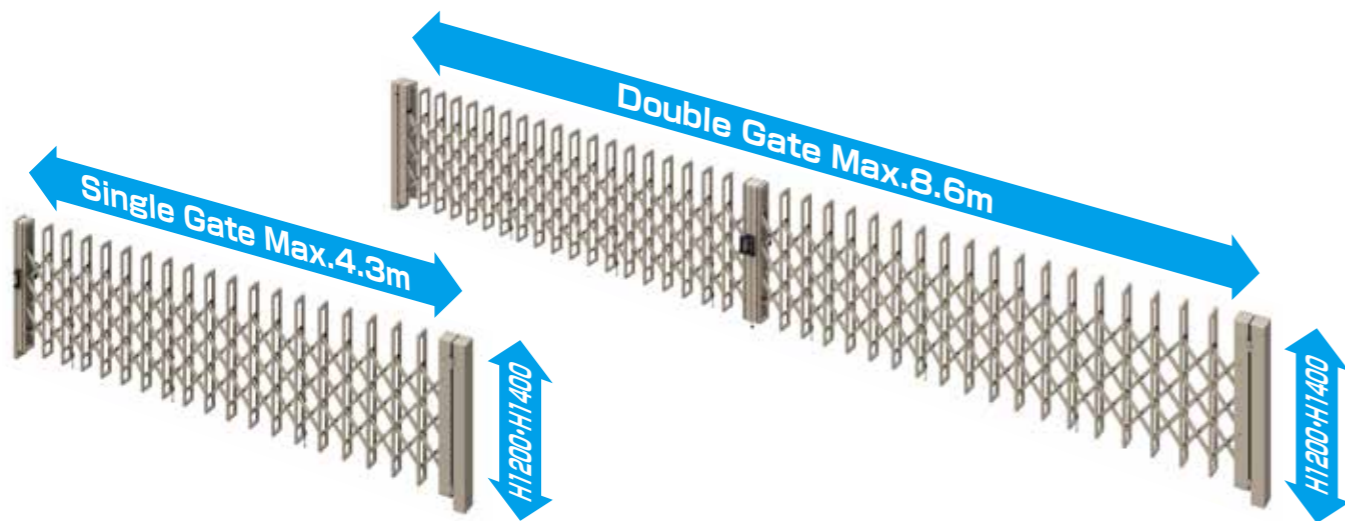
Lower rail gap 80mm





## SIZE

**Premium Feature: Non-Caster type**  
Maximum width 4.3m (single gate) and width 8.6m (double gate).



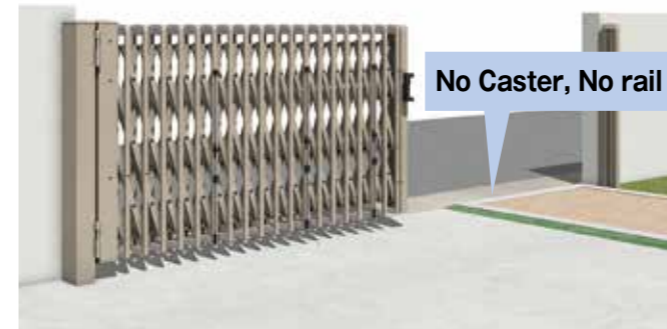
## COLOR

aluminium type			laminated type			
SLC Sun Silver	UC Urban Gray	BD Dark Bronze	TP Trad Pine	UC Urban Gray	JC Orange Cherry	UC Urban Gray
			TPU		JCU	

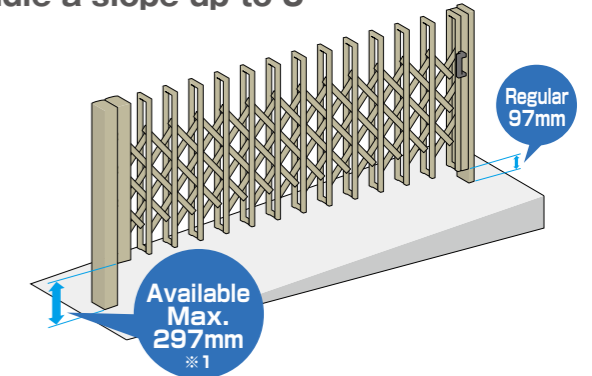
## STRENGTH



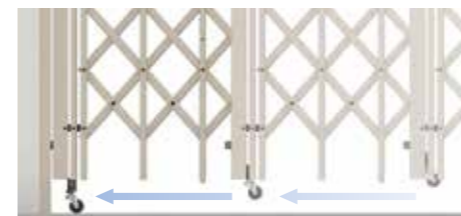
Non-Caster Accordion gates need no tracks or slab adjustments.



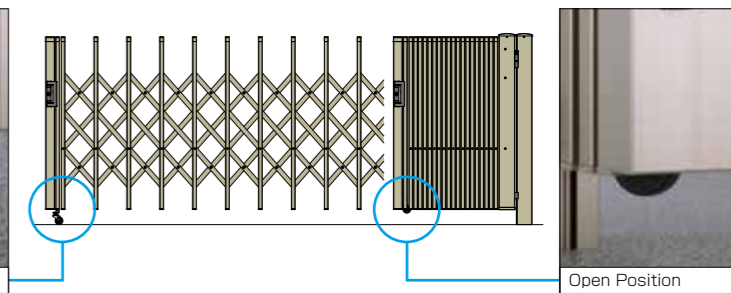
Some Non-Caster Accordion gates can handle a slope up to 5°



The wider accordion gates (5m/16.4ft for single and 10m/32.8ft for double) have a recessed caster wheel.

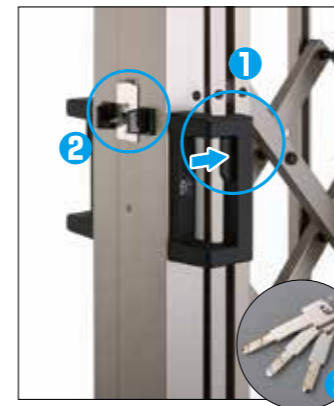


The caster wheel comes out when the gates is fully extended, to support the front end. Easy Docking when closing the gate.



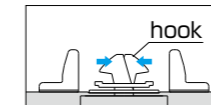
## Handle

**Universal Design Handle and Easy Operation.**  
Dimple key helps safety.

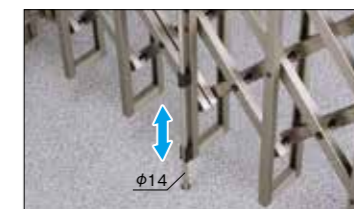


### Point

- 1 Grab handle and open in one action.
- 2 Easy Docking when door close.
- 3 Dimple key cylinder helps more safety.

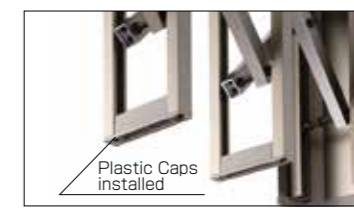


## Lock-Down Sticks



Easy lock & release action. 14mm diameter lock-down sticks helps stabilize the gate.

## Plastic Caps installed



## Shake Absorber Latch



Reduce shaking.

## HGN-M "Mini Gate" Non Caster Type

