

Innovative Carport AERO SHADE SAE-series



Garden Terrace & Garden Room HAPPINA & SMALE



Carport

KJ-series Strong for stormy wind and heavy snow. Enjoy the season and weather all year around.



SankyoTateyama

cantaport

Aluminum Exterior Products Series Catalog



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1800 178 622

ISO 9001
ISO 14001



JTCCM
QS/EMCA
RQ 2257, RE 0695

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



cantaport

Made in Japan

Perfect for parking space and entertaining areas Architecturally design 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



KWC-series



ATLD-series



CSS-series



TVHL-series

Terrace & Patio Covers

► P.29



TR-series



TF-series

Entry Gate & High Gate

► P.33



MEX/MF-series



Boundary Fence and High Fence

► P.35



FEX-series



FV-series

Non-Caster Accordion Gates

► P.37



HGN-series



CARPORT VARIATION

Designed Carport which well-harmonized with design and function.

Arched roof shape like a bird wing.
Wide size variation for various space and lifestyle.
Strong component and high resistant for wind and snow.
Easy installation and maintenance.



PJR-series



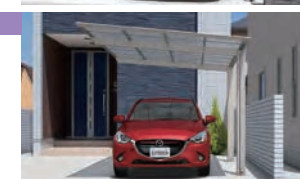
Designed carport for various lifestyle with excellent performance.

► P.5



PJR

PJF-series



Refined simple & flat design.

► P.7



PJF

MLR-series



Smart & Flat design would set off the simple modern house.

► P.11



MLR

LJF-series



Refresh with an open roof structure leading the beauty and strength.

► P.13



LJF

VR/VRS-series



Higher grade model for wind and snow.

► P.15



VR/VRS

VD/VDS-series



Beautiful curved edge protects your car from wind and snow.

► P.17



VD/VDS

RSC/RSZ-series



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

► P.19



RSC/RSZ

KWC-series



Wide projection and cantilever design.
2 different post position available.

► P.21



KWC

ATLD-series



High spec × High design. Highlights quality living.

► P.23



ATLD

CSS-series



Snow region model but, more Stylish design & Polycarbonate roof panel type.

► P.25



CSS

TVHL-series

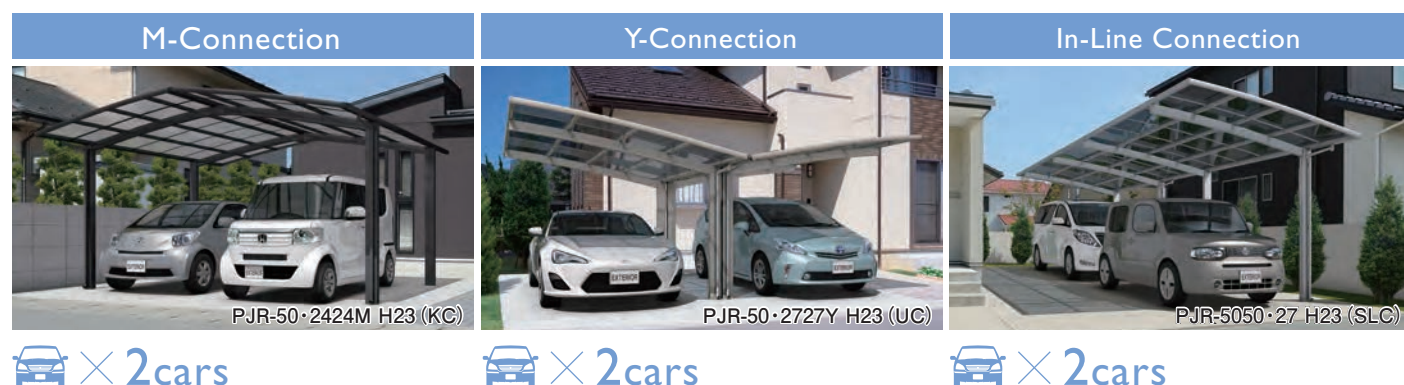


Independent terrace & Bicycle shade type.

► P.26



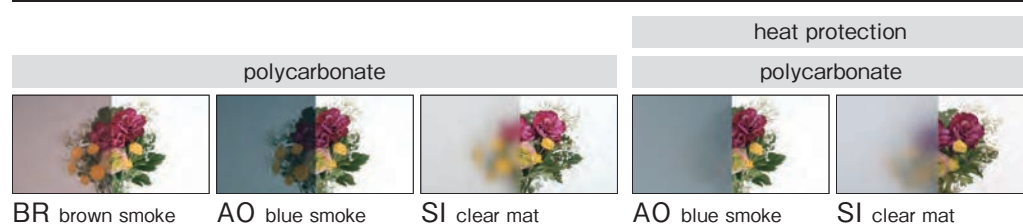
TVHL



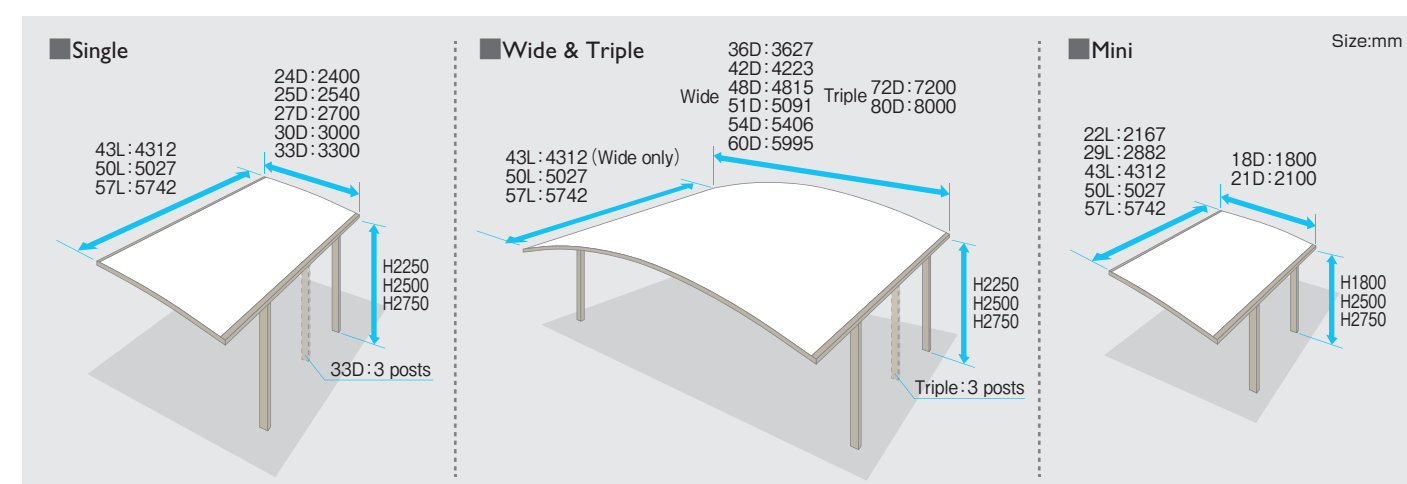
ALUMINIUM COLOR



ROOF COLOR



STRENGTH

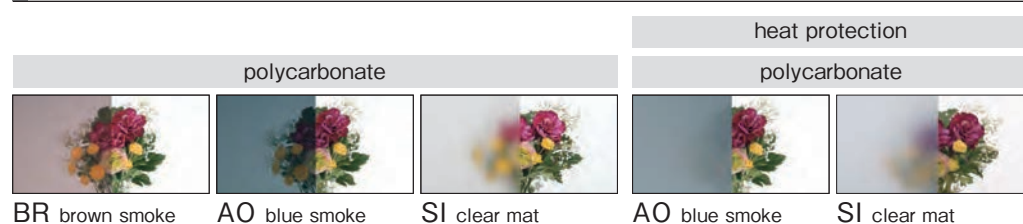




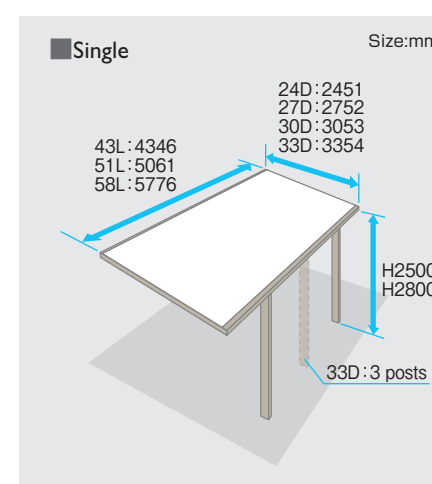
ALUMINIUM COLOR



ROOF COLOR



STRENGTH



DESIGN

FLAT ROOF DESIGN Simple & Stylish Form

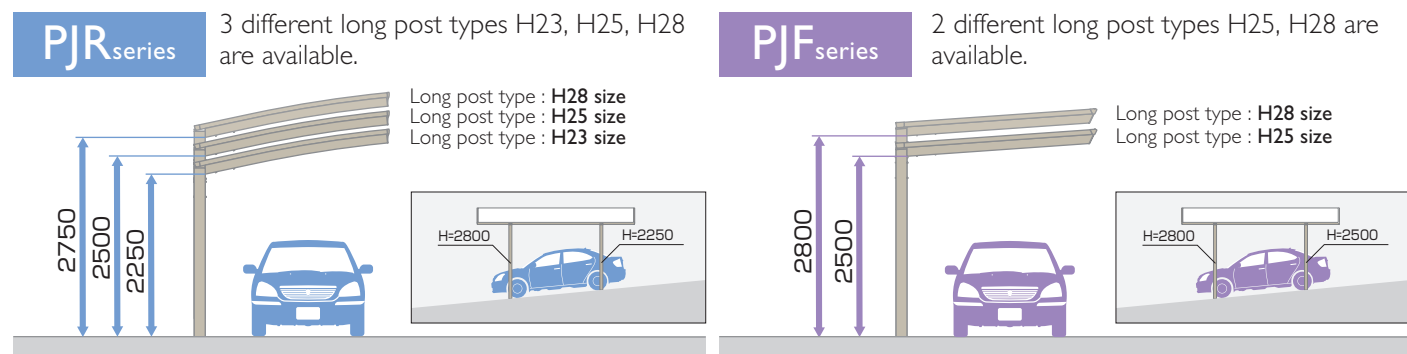


PJR & PJF series Common Feature

Size



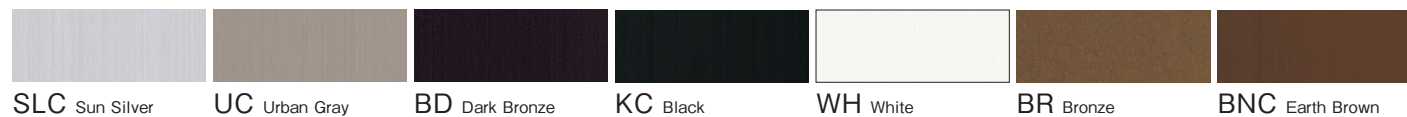
Post Type



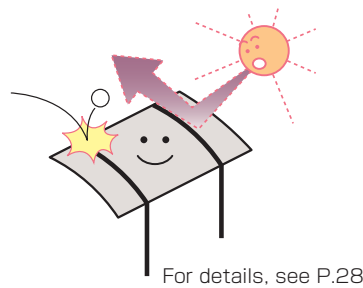
ALUMINIUM COLOR

7 colors variations match your multiple home styles.

Enjoy your color coordination from 7 colors variations.



ROOF COLOR



Drain Elbow

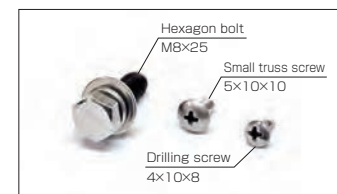
Drain elbow for easy maintenance.



Using drain elbow which can remove dust that accumulated in the rain makes its maintenance easier.

Locking Bolt

Reduce & Common Screws



3 types of screw helps time saving of installation.

PJR & PJF series Common Option

Side Panel



Removable Support Post

Upgrading for the carport's wind strength



Smart Holding

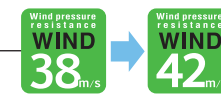
Smart Holdings on post when remove it



Support Post Holder

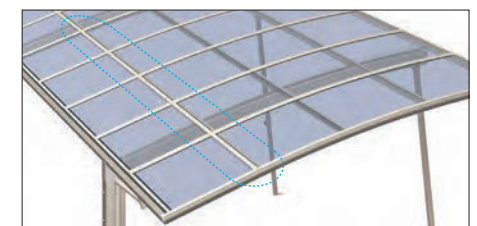
Flash surface holder on the ground

notes: Cantilever type is recommended to install support post preparing the sudden strong wind, and please make sure to use support post when the strong winds occur.



Roof Panel Support

Upgrading for the panel holding strength



Roof panel support that reinforce the roof panels against strong wind ensure the safety of the carport.

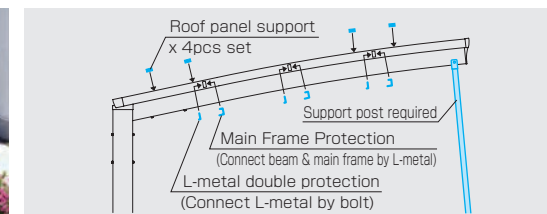
notes: Required the support post.

●Diagram of the roof panel support

Single basic	Wide beam	Triple	Mini
●	—	—	●

Hurricane Protection

Controlling the roof fall off against hurricane



notes: Removable support post required on hurricane support program.

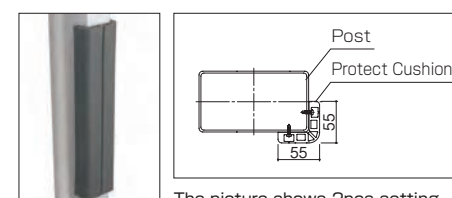
●Diagram of the Hurricane Protection

Single basic	Wide beam	Triple	Mini
●	×	×	●

Snow removing bar

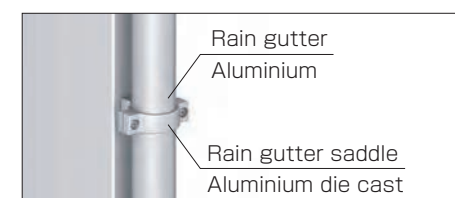


Protect Cushion



The picture shows 2pcs setting. The rubber cushion protects hitting door and post while getting on/off the car. Installation screws are invisible because of double layer profile.

Aluminium Rain Gutter



Aluminium rain gutter and saddle.

Clothes Hanger



Upper 45° , Horizontal , Lower 25°



Single Basic

× 1 car

MLR-5126 H25 (SLC)

Single Basic 34D

× 1 car

Reverse Incline Roof
MLR-R5134 H25 (KC)

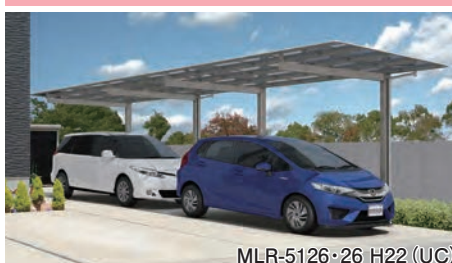
M-Connection



MLR-51-2626M H25 (TPL)

× 2 cars

In-Line Connection



MLR-5126-26 H22 (UC)

× 2 cars

In-Line Short Extension



MLR-5126-1426 H25 (TPL)

× 1 car +

Mini



MLR-2922 H25 (CML)

Reversible Roof Incline (Option)

● Standard Incline Roof Type



● Reverse Incline Roof Type



Reverse

COLOR



aluminium type

SLC
Sun SilverUC
Urban GrayBD
Dark BronzeKC
Black

laminate type

TP
Trad PineSLC
Sun SilverJC
Orange CherrySLC
Sun SilverTP
Trad PineUC
Urban GrayJC
Orange CherryUC
Urban Gray

TPL

JCL

TPU

JCU

ROOF COLOR

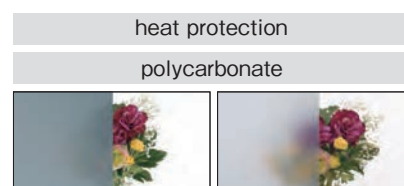


polycarbonate

BR brown smoke

AO blue smoke

SI clear mat



heat protection

polycarbonate

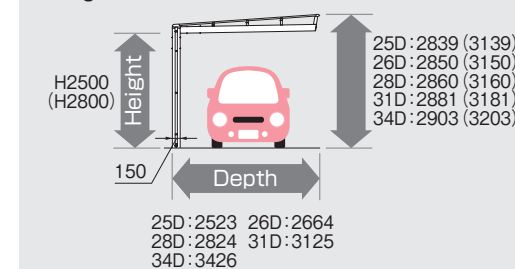
AO blue smoke

SI clear mat

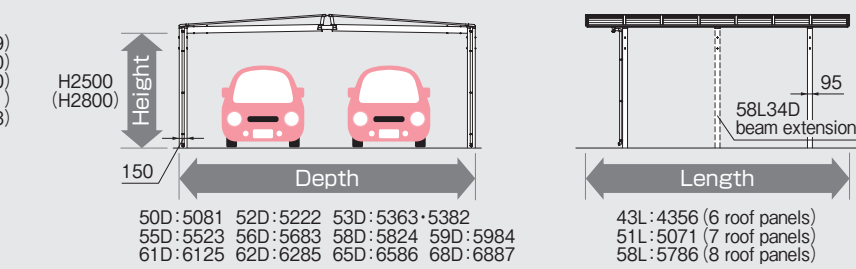
STRENGTH



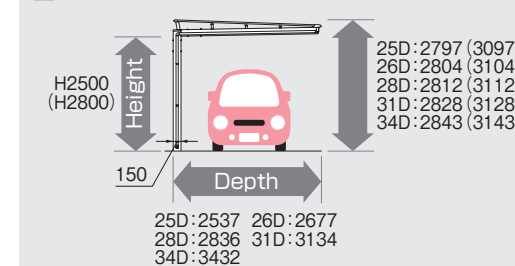
Single Basic



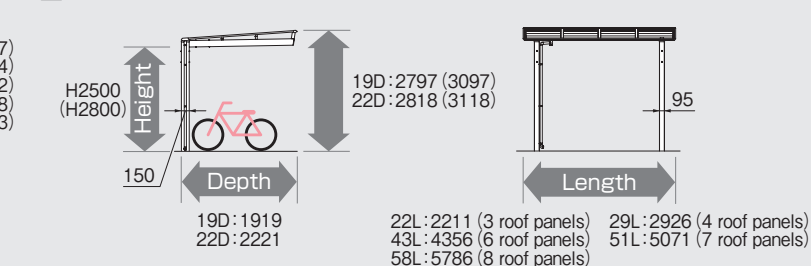
M-Connection



Reverse Incline Roof



Mini





Wide Beam Triple

✕ 3 cars

LJF-5080 H23 (BD)



Single Basic	M-Connection	In-Line Connection
LJF-5028 H23 (UC)	LJF-50-2828 H23 (WH)	LJF-5050-28 H23 (JCU)
✕ 1 car	✕ 2 cars	✕ 2 cars

COLOR

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

ROOF COLOR

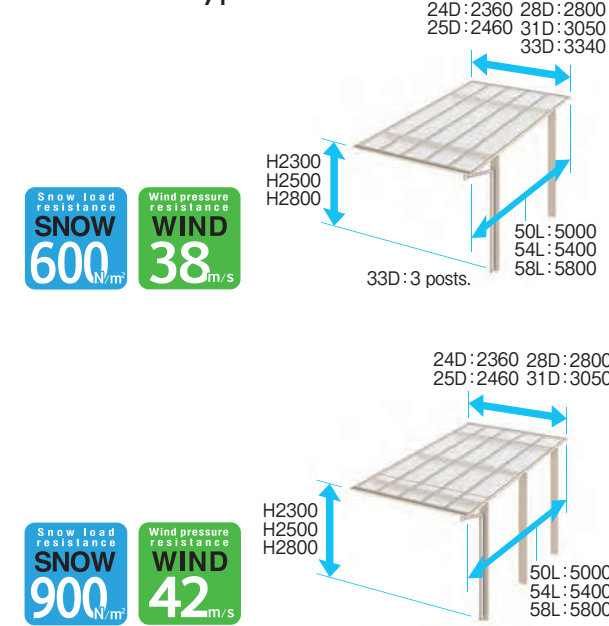
polycarbonate			heat protection polycarbonate	
BR brown smoke	AO blue smoke	SI clear mat	AO blue smoke	SI clear mat

STRENGTH

Snow load resistance SNOW 600 N/m ²	Snow load resistance SNOW 900 N/m ²
Wind pressure resistance WIND 38 m/s	Wind pressure resistance WIND 42 m/s
Wind pressure resistance WIND 46 m/s	

Single (Bearing Beam)	Wide Beam	Advantage of single long slope
LJF-5028 H23 (JCL)	LJF-5054 H23 (TPU)	
✕ 1 car	✕ 2 cars	

Cantilever Type



Bearing Beam Type



PJR
PIF
MLR
LJF
VRVRS
VDVDS
RSCRSZ
KWC
ATLD
CSS
TVHL



VRseries
2 posts type

Single Basic

1 car

VR-5027 H23 (SLC)



VRSseries
3 posts type

Single Basic

1 car

VRS-5027 H23 (UC)



Single Basic

M-Connection

Y-Connection



VR-5027 H23 (UC)



VR-50-2727M H23 (UC)



VR-50-2727Y H23 (UC)

1 car

2 cars

2 cars

VR series only

In-Line Connection

Wide beam



VR-5050-27 H23 (UC)



VRW-5054 H23 (UC)

2 cars

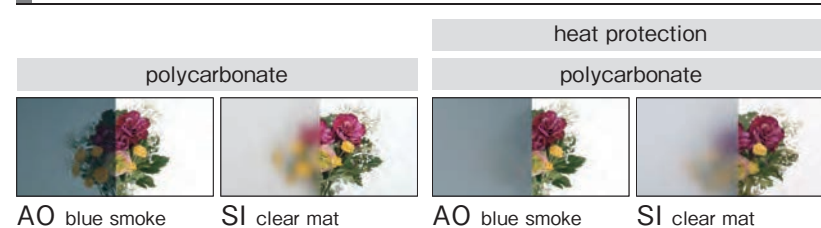
2 cars



ALUMINIUM COLOR



ROOF COLOR



Cost-effective
2 posts type

Stylish form

Snow load
resistance
**SNOW
900**
N/m²

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

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

Single

Wide



High-intensity
3 posts type

Strong & Tough, Flagship

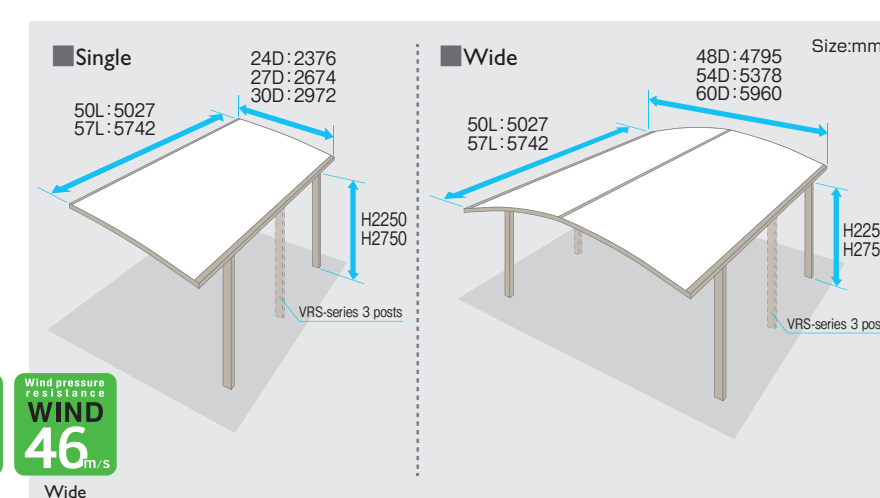
Snow load
resistance
**SNOW
1500**
N/m²

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

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

Single

Wide





VDseries
2 posts type

Single Basic

1 car

VD-5127 H23 (UC)

VDSseries
3 posts type

Single Basic

1 car

VDS-5127 H23 (SLC)

Single Basic



VD-5127 H23 (UC)

1 car

M-Connection



VD-51-2727M H23 (UC)

2 cars

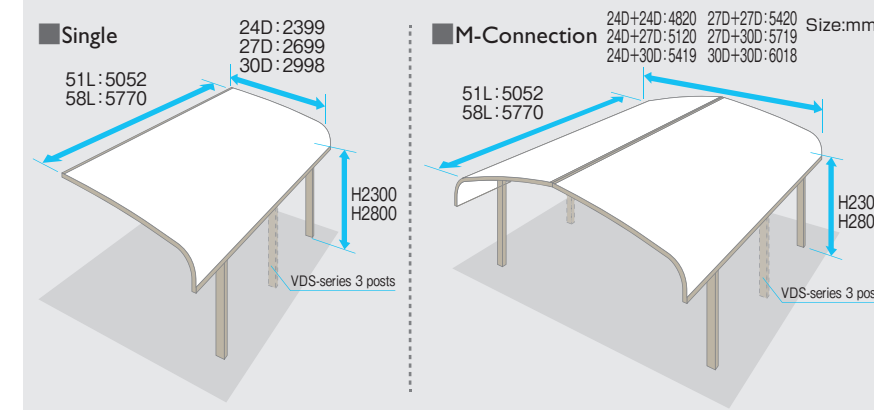
In-Line Connection



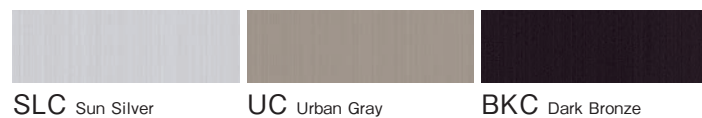
VD-5151-27 H23 (UC)

2 cars

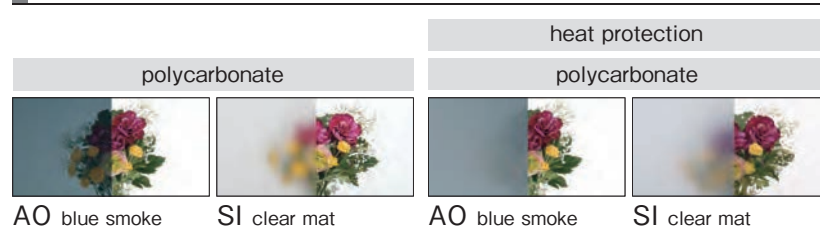
Curved edge shape



ALUMINIUM COLOR



ROOF COLOR



Cost-effective
2 posts type

Stylish form



High-intensity
3 posts type

Strong & Tough, Flagship





RSC series

Single

1 car

RSC-5027 H23 (KC)

RSZ series

Wide

2 cars

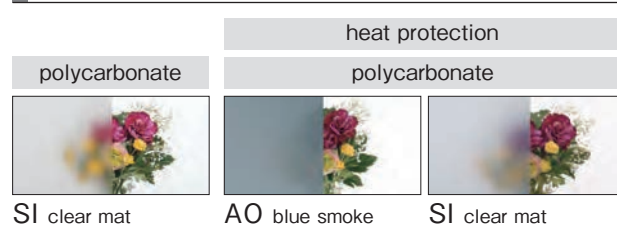
RSZ-5054 H23 (TPL)



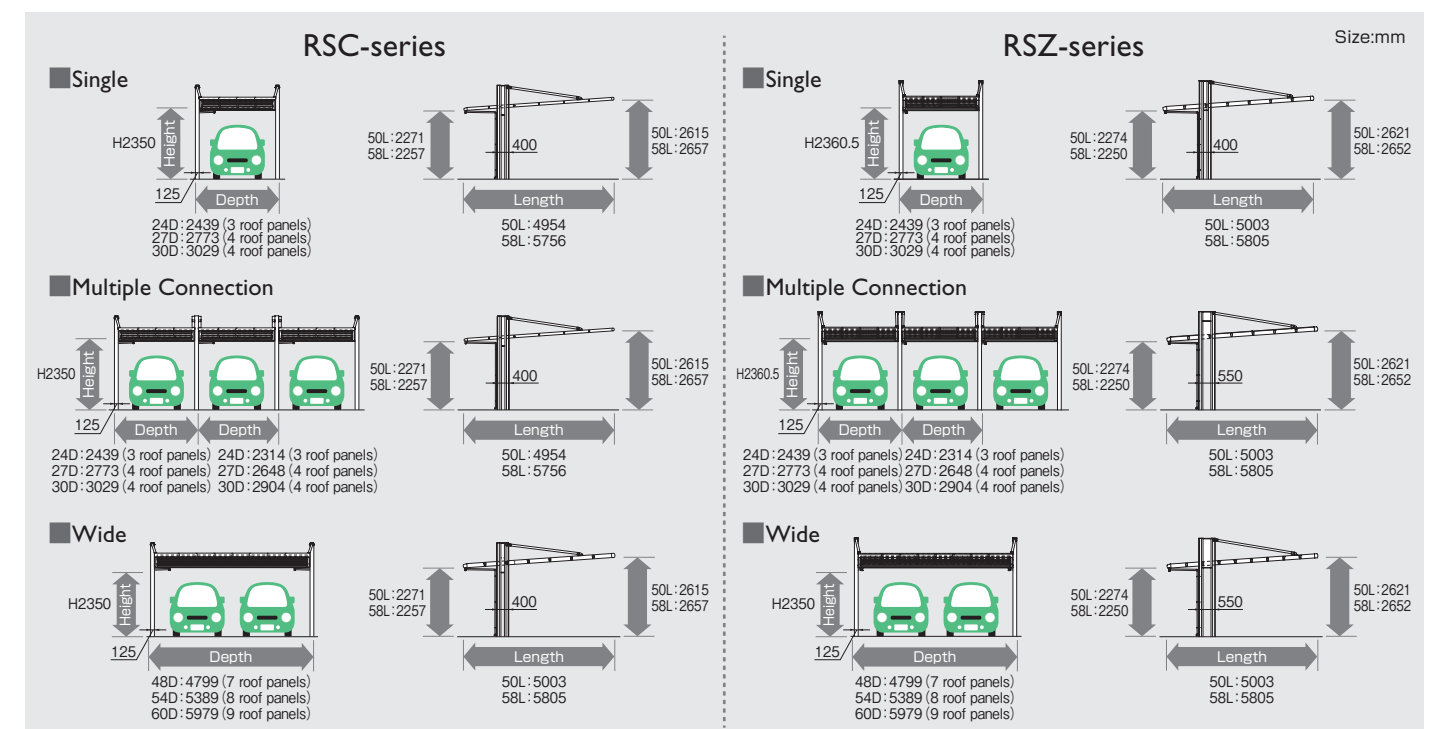
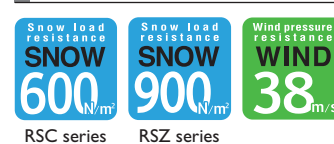
COLOR

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

ROOF COLOR

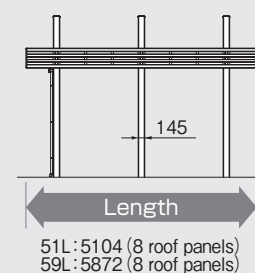
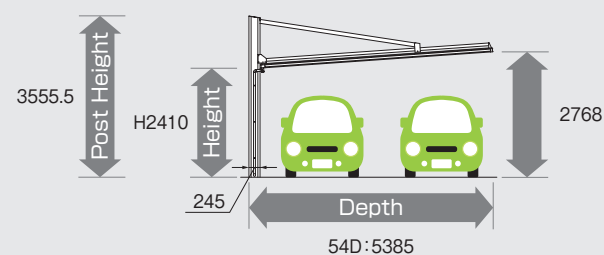


STRENGTH

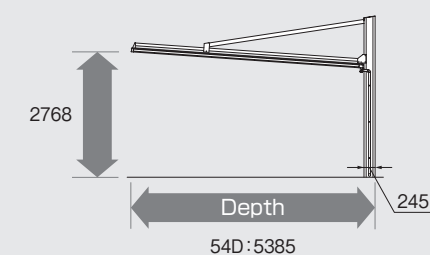
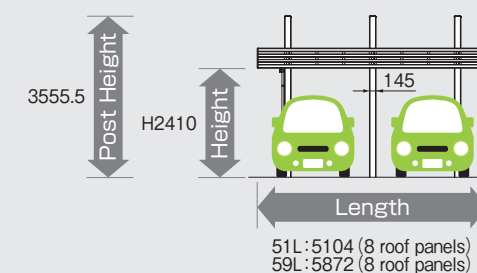




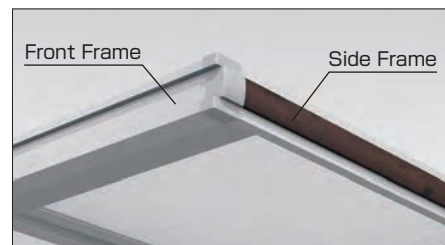
Side post position (side frame > front wide)



Rear post position (front frame > front wide)



COLOR

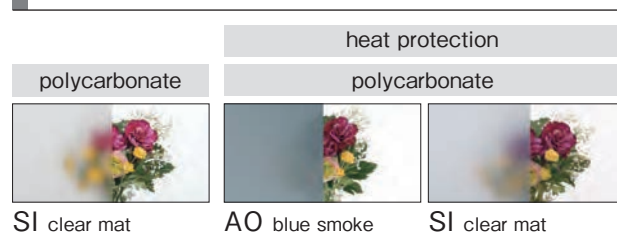


aluminium type	
SLC Sun Silver	UC Urban Gray

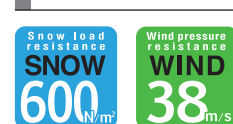
laminate type			
TP Trad Pine	SLC Sun Silver	JC Orange Cherry	SLC Sun Silver

TPL		JCL	
TP Trad Pine	UC Urban Gray	JC Orange Cherry	UC Urban Gray
TPU		JCU	

ROOF COLOR

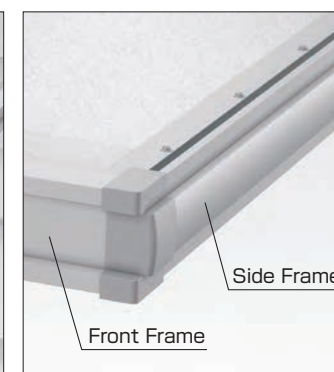


STRENGTH



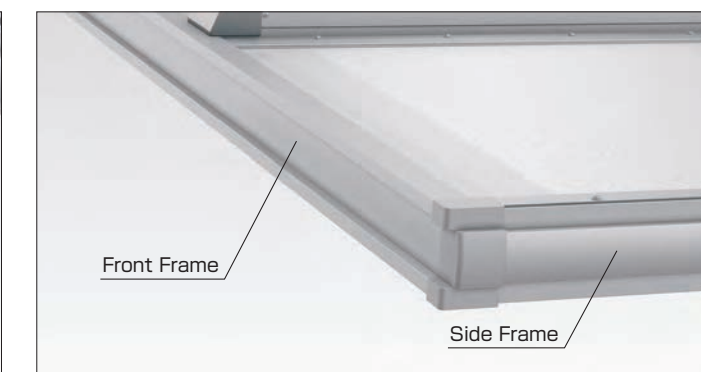
SIDE POST POSITION (SIDE FRAME > FRONT WIDE)

Unified arm and side frames in a round shape. Emphasize the design impact from the side frame view.



REAR POST POSITION (FRONT FRAME > FRONT WIDE)

Front & Rear frame emphasize the FLAT LINE design and suit & fit for the house design.





Wide
× 2cars

ATLD-5558 H25 (UC-HG)



Wide
× 2cars

ATLD-5558 H25 (UC-JC)



× 1car

× 2cars

COLOR

aluminium type

Laminated part (Side panel & Ceiling spandrel)



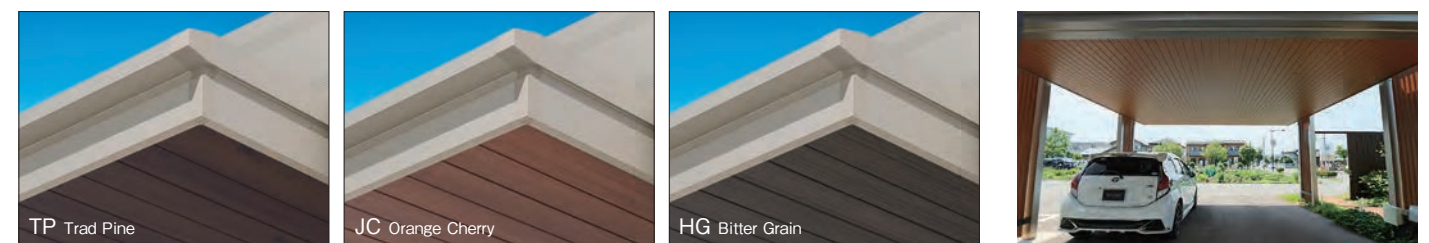
STRENGTH



cantaport



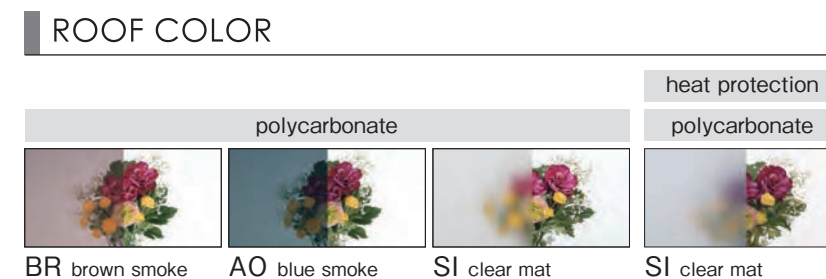
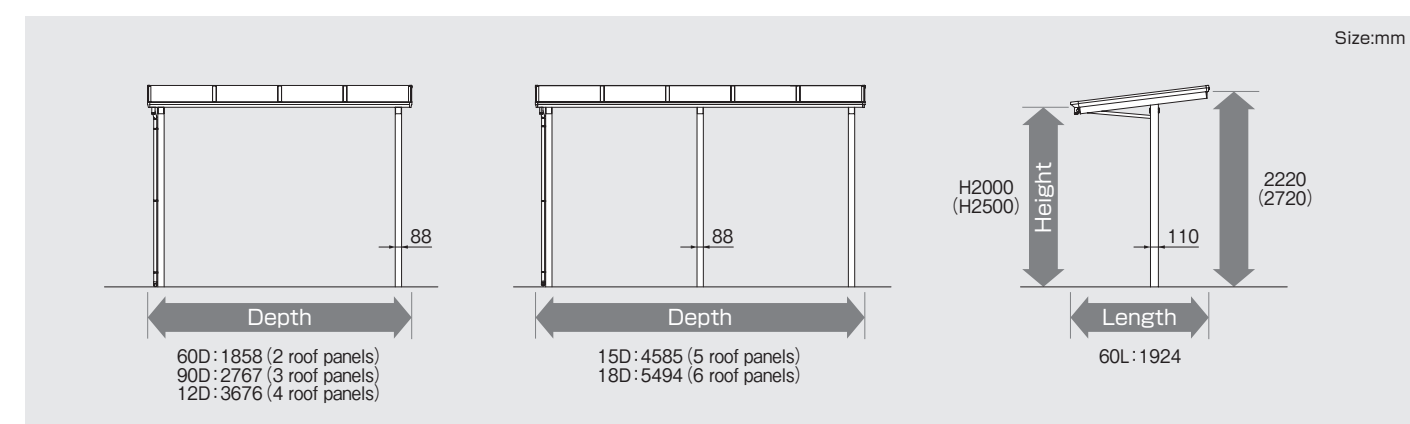
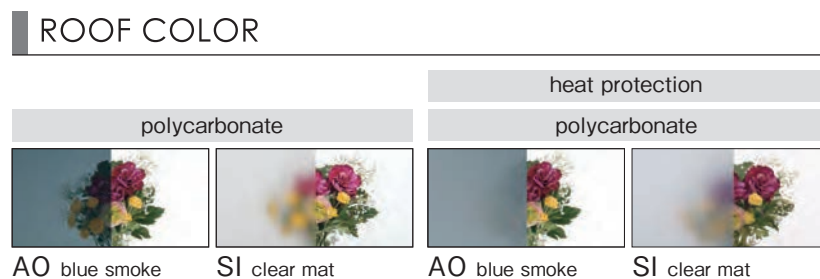
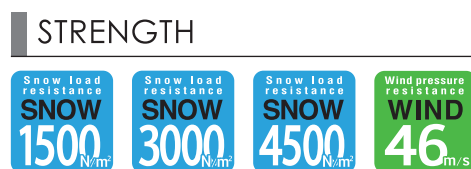
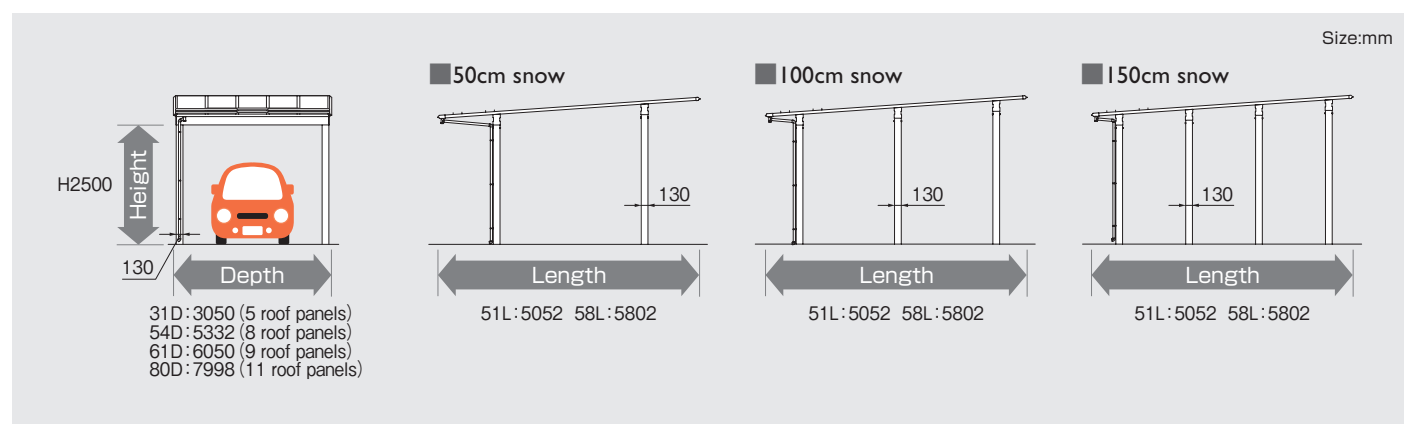
Ceiling



Side panel



PJR
PIF
MLR
LJF
VRVRS
VDVDS
RSC/RSZ
KWC
ATLD
CSS
TVHL



Heat Protection Polycarbonate

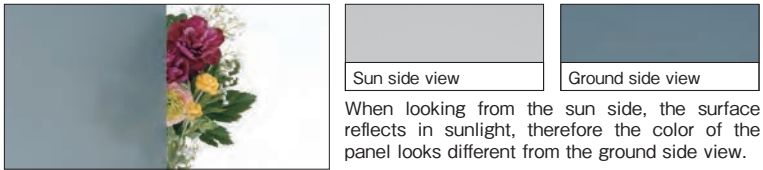
Makes you feel COMFORTABLE your CAR-INSIDE!!

A Past Carports.....

HEAT RAY CUT POLICARBONATE "BIG" ADVANTAGE

HOT HOT

SO COOL



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.

Cuts out 83% of heat rays

Cuts out 100% of UV rays

The temperature in sun-heated cars can rise to 61.6°C. Heat protection polycarbonate carports protect your cars from the summer heat.

CAR INSIDE = 17°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
61.6°C	50.3°C	43.9°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	KWC	ATLD	CSS	TVHL
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 smoke											
 AO blue smoke											
 SI clear mat											
Heat protection polycarbonate	The panel effectively cuts solar heat rays (infrared rays) and UV rays.										
 AO blue smoke											
 SI clear mat											

Roof Panel Performance

Performance	Polycarbonate			Heat Protection Polycarbonate	
	Brown (BR)	Blue Smoke (AO)	Clear Mat (SI)	Blue Smoke (AO)	Clear Mat (SI)
Heat Rays (IR) Cut %	45%	40%	16%	83%	70%
Visible Rays Transmissivity %	34%	20%	88%	11%	79%
UV Rays Cut %	100%	100%	100%	100%	100%

Heat Effect under the Sun Shine

Performance	Sun Direct	Polycarbonate	Heat Protection Polycarbonate (AO)
Car inside	61.6°C	50.3°C	43.9°C
Steering wheel (surface)	84.9°C	59.8°C	46.8°C
Dashboard (surface)	91.2°C	65.9°C	50.3°C

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



Terrace & Patio Covers



TRseries

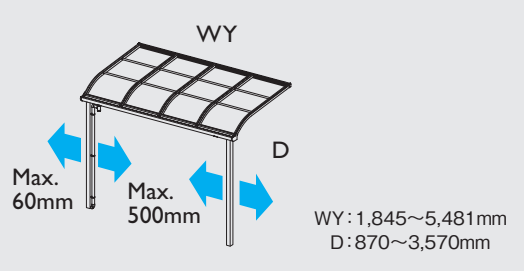
STRENGTH

Snow load
resistance
SNOW
600 N/m²

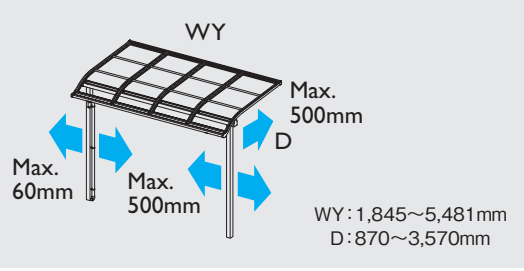
Wind pressure
resistance
WIND
36 m/s

Curve: 3 different types are available.

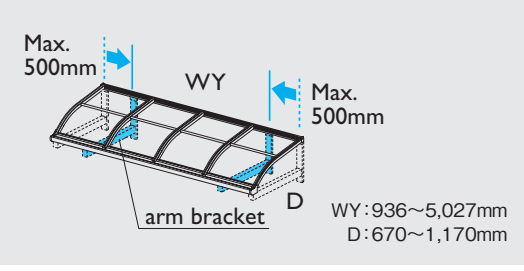
Fix Post Type



Adjustable Post Type



Bracket Type



TFseries

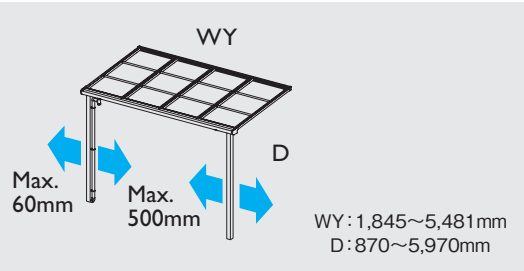
STRENGTH

Snow load
resistance
SNOW
600 N/m²

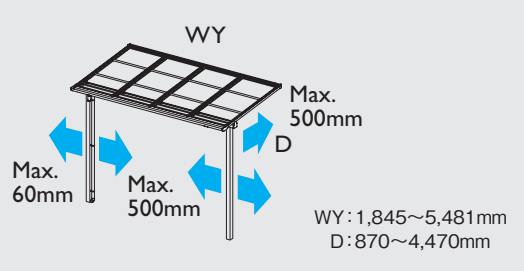
Wind pressure
resistance
WIND
36 m/s

Flat: 3 different types are available.

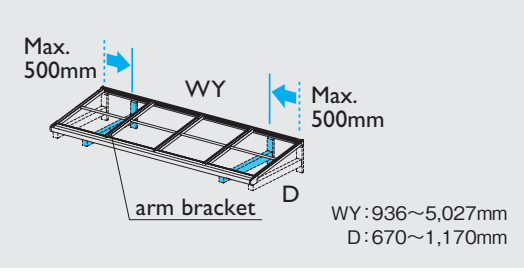
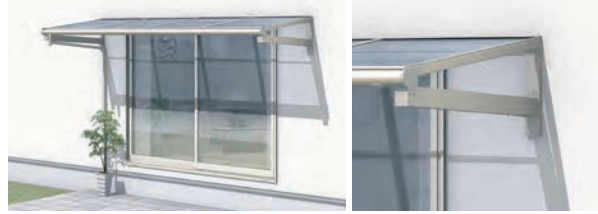
Fix Post Type



Adjustable Post Type



Bracket Type



TR/TF

MEX/ME

FEX/FV

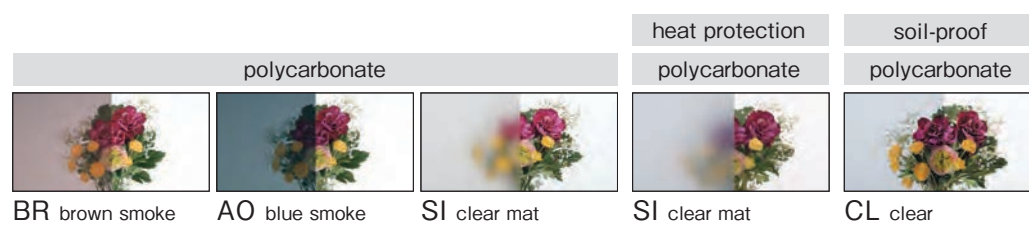
HGN



ALUMINIUM COLOR



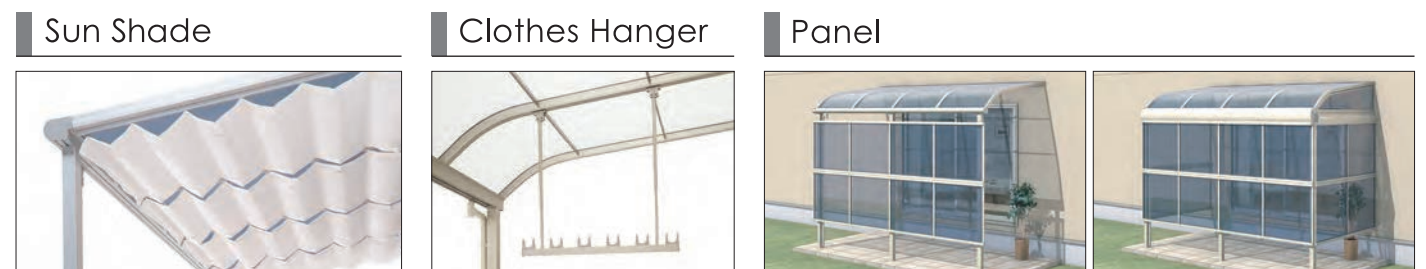
ROOF COLOR



STRENGTH



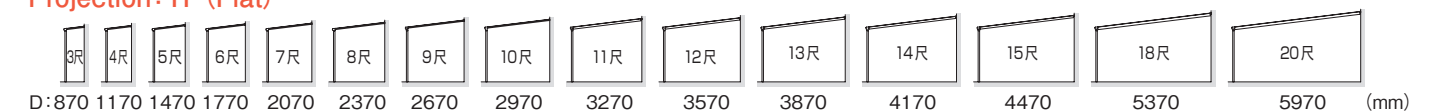
Option



Projection: TR (Curve)



Projection: TF (Flat)



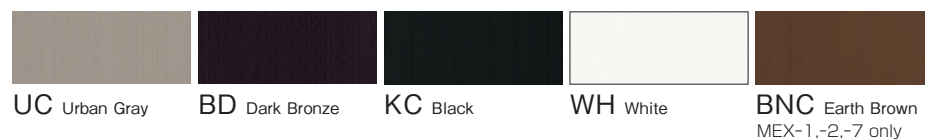
D: 870 1170 1470 1770 2070 2370 2670 2970 3270 3570 3870 4170 4470 5370 5970 (mm)



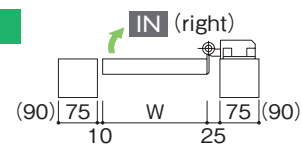
Maximum Height 2m & Maximum Width 2m (for Double Gate)



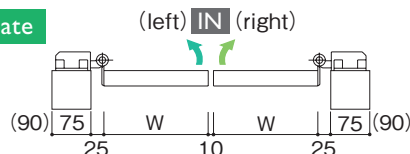
ALUMINIUM COLOR



Single Gate



Double Gate



Dimension (mm)

	Height	Width							
		Single Gate				Double Gate			
		700	800	900	1000	700×2	800×2	900×2	1000×2
	1000	○	○	—	—	○	○	—	—
	1200	○	○	○	○	○	○	○	○
	1400	○	○	○	○	○	○	○	○
	1600	—	○	○	○	—	○	○	○

COLOR



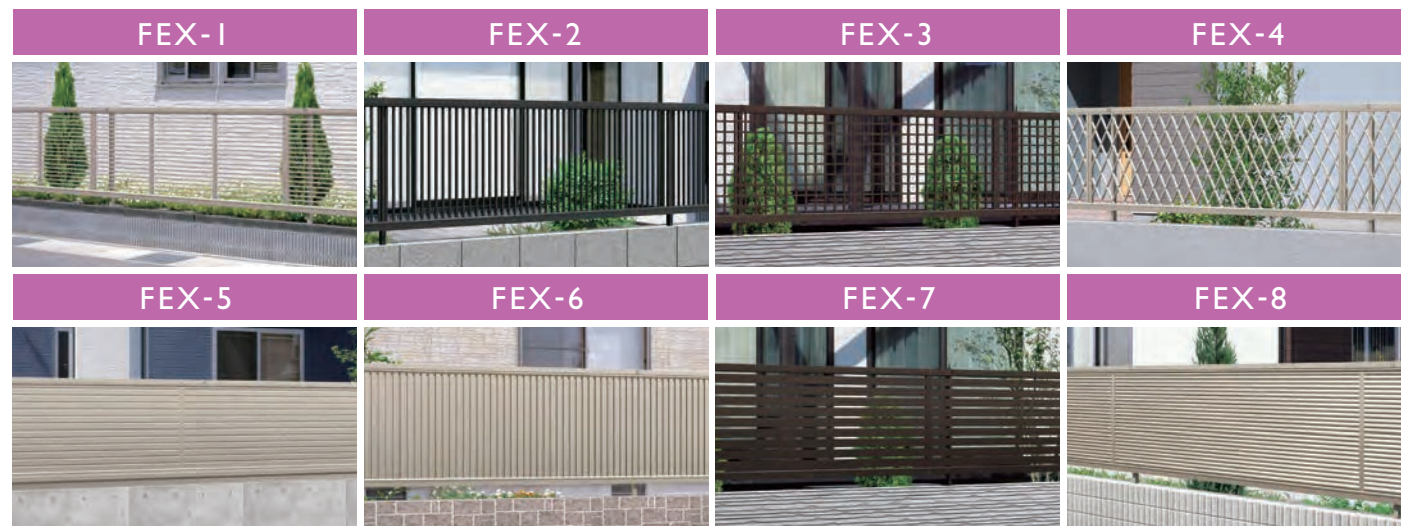
Dimension (mm)

	Height	Width							
		Single Gate				Double Gate			
		800	900	1000	1100	800×2	900×2	1000×2	1100×2
	1600	○	○	○	○	○	○	○	—
	1800	○	○	○	○	○	○	○	○
	2000	○	○	○	○	○	○	○	○

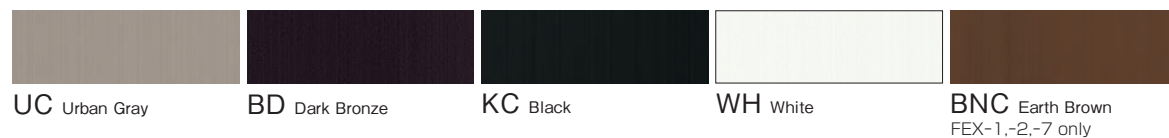




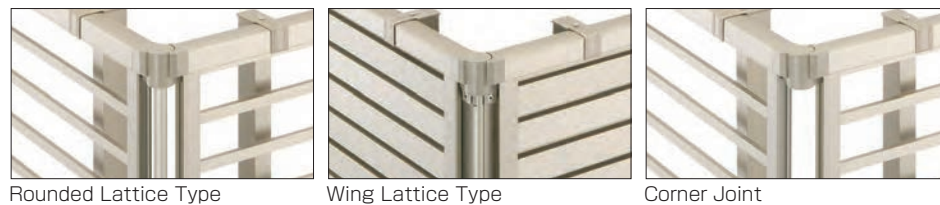
FEX-series



ALUMINIUM COLOR



Corner Connector



Free Post Type



In-Between Post



Dimension (mm)

	Length	1973	Height					
			Free Post				In-Between Post	
			600	800	1000	1200	600	800
			○	○	○	○	○	○



FV-series



ALUMINIUM COLOR



SIZE

2 different height are available and maximum height is 1600mm.



Dimension (mm)

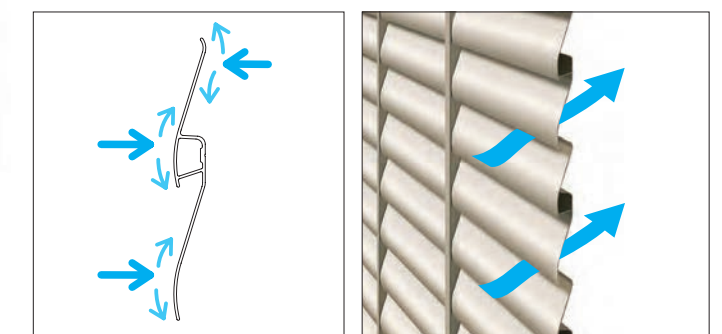
	Length	1973	Height	
			Free Post	
			1400	1600
			○	○

DESIGN

Our original "Premium Design & Engineering" (FV-9H fence)

Controlling wind hit by surface design and saving the noise.

FV-9H (louver type)



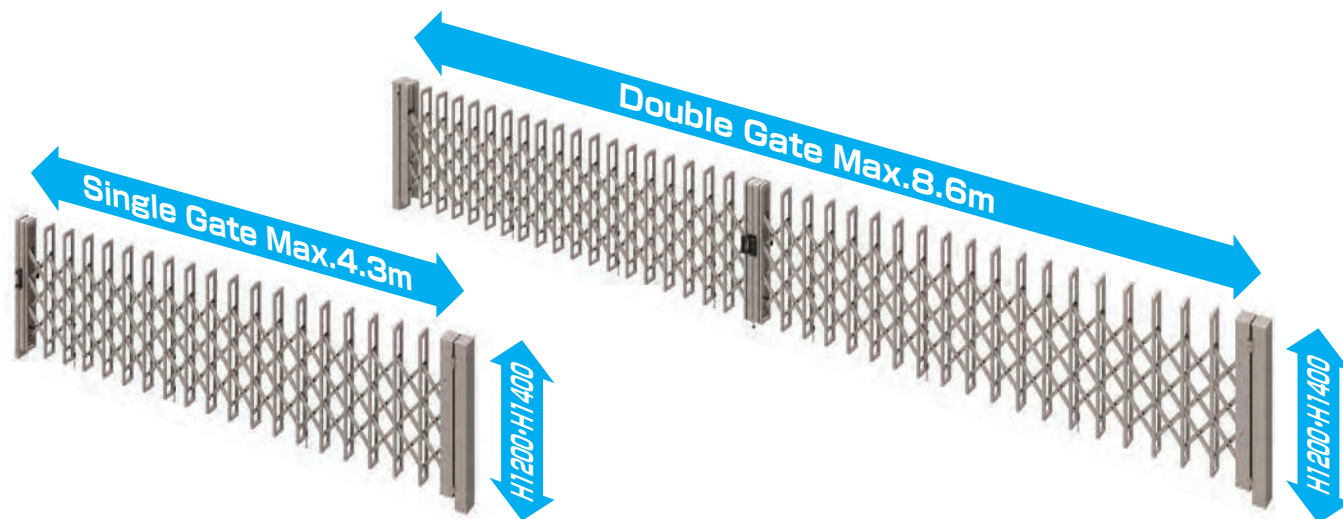
→ indicates wind flow



SIZE

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

(5.0m max with caster for single and 10m max with caster for double)



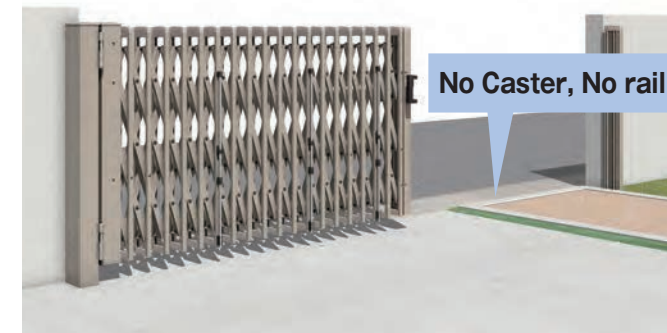
COLOR

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

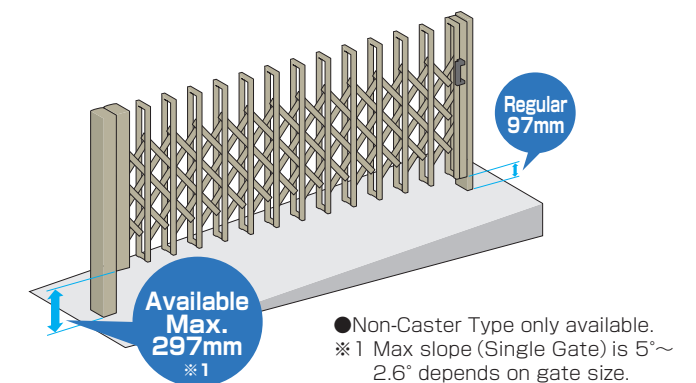
STRENGTH



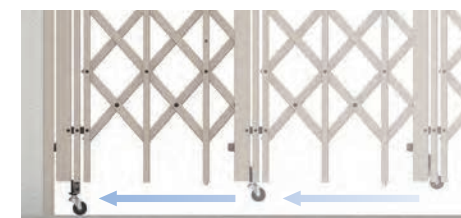
No Caster type, No required "flooring" nor "railing works".



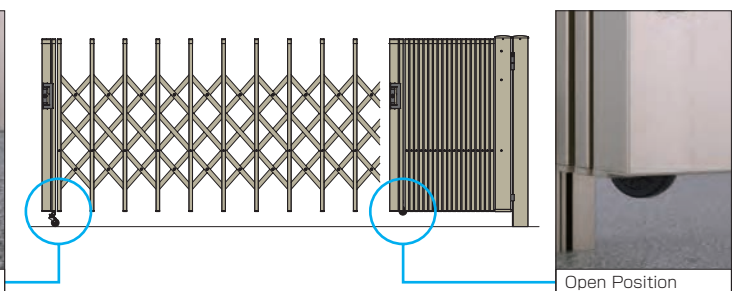
No Caster type, adjusting height & set up at sloped floor is available.



Caster type is available more wider width for W:5m single & W:10m double.

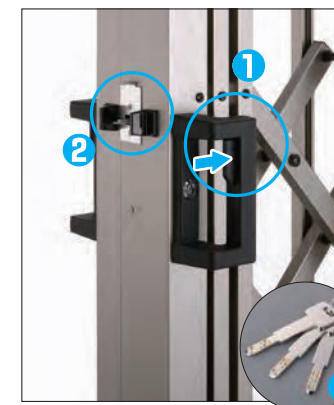


The caster is stored inside when it's open and automatically flip down+landing during close gate.



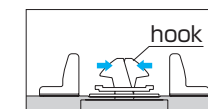
Handle

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

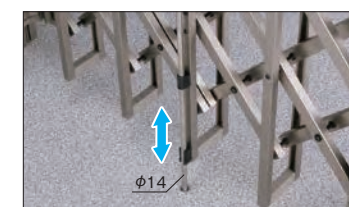


Point

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

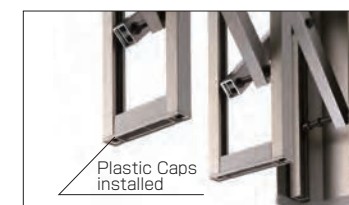


Down Stick-Lock



Easy lock & release action and Dia. 14mm stick helps reduce gate shaking.

Plastic Caps installed



Shake Absorber Latch



Reduce shaking.

HGN-M "Mini Gate" Non Caster Type

