

**YKK
ap**®

**LOW - RISE
600 Pa**



NEXSTA - L TM

PT YKK AP INDONESIA
ENGLISH VERSION

DES 2025

FOR PRO USER

WWW.YKKAP.CO.ID



JAPAN QUALITY

-MADE IN INDONESIA-

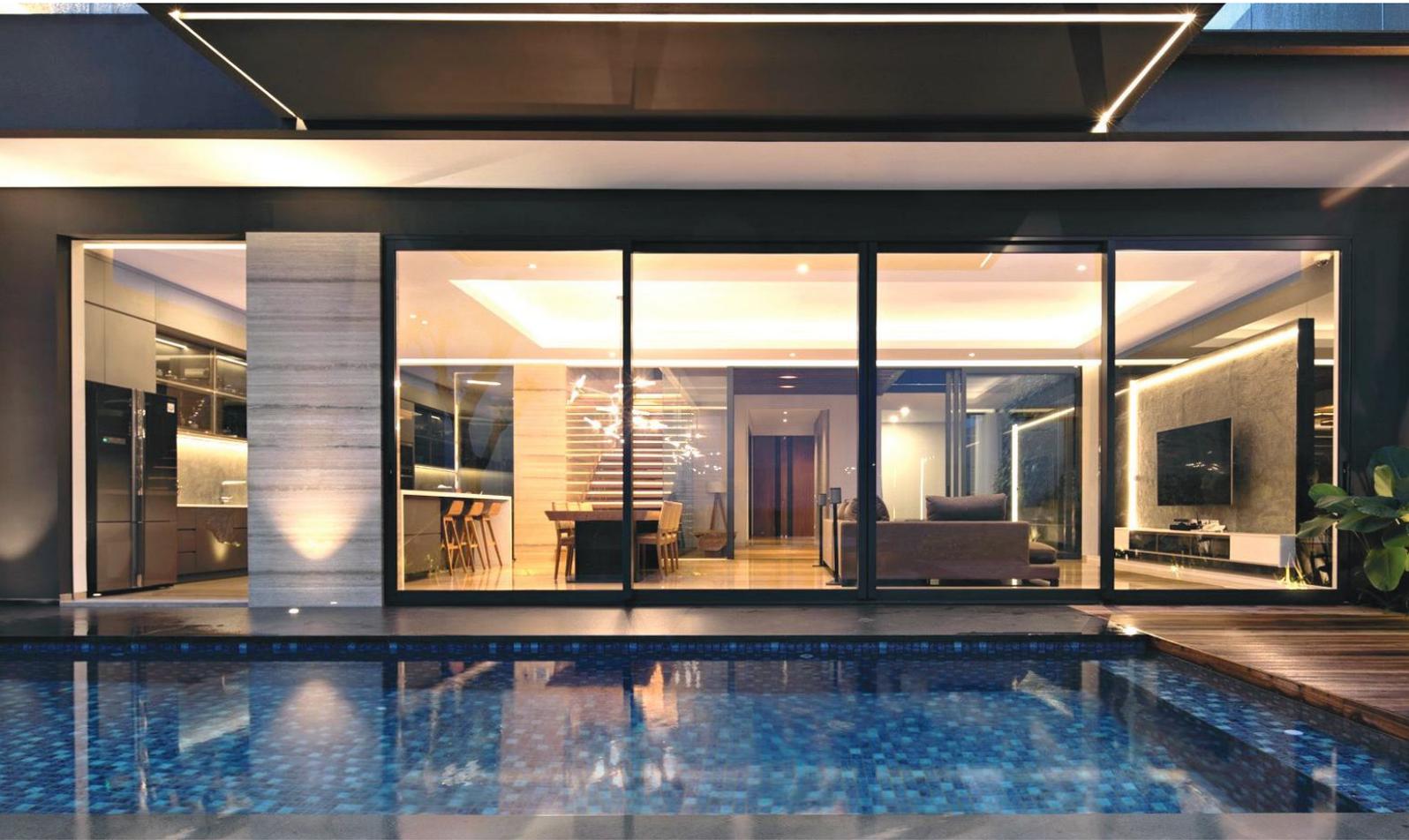
**IN INDONESIA'S ALUMINUM WINDOW INDUSTRY, ONLY YKK AP
INDONESIA HAS AN INTEGRATED PRODUCTION SYSTEM TO PROCESS
FROM RAW MATERIALS TO PERFORMANCE TESTING AND INSPECTION.
WE CONFIDENTLY RECOMMEND OUR PRODUCTS.**

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CONCEPT



NEXSTA - New Generation of Luxury - is the latest innovation developed by YKK AP Indonesia by promoting tremendous quality performance and comfort.

It is exclusively developed based on consumers' high expectations.

By considering every aspect such as the environment, weather, climate, lifestyle, culture, and current situation, it was designed as high quality & high-performance product that has been strictly tested in terms of performance, safety.

CONCEPT



Why NEXSTA?

- It supports a wide range of applications.
- Safety and quality are secured by the manufacturer, YKK AP Indonesia.
- Excellent functionality and durability.
- Parts are also produced by YKK AP.

CONCEPT



HIGH WATERPROOFNESS ACHIEVED BY YKK AP

To ensure there is no water leakage with windows is very important not only for your comfortable life but also for your value of the property. YKK AP make effort to achieve high waterproofness.

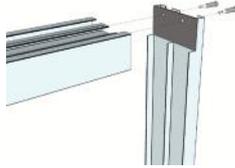
W Proof Joint

General metal joint (Bar window)



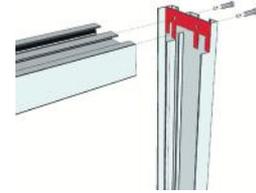
Sealant application after jointing

Normal metal joint (Other company FG)



Using a rubber Sealer pad
*Only Solid rubber

YKK AP performance products



Using a unique Sealer pad



Junction factor Water leakage ratio:

More than 10%
(API research)

Junction factor Water leakage ratio:

Less than 3%
(API research)

Junction factor Water leakage ratio:

Less than 1%
(API research)

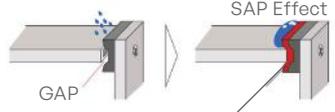


*Product label



W PROOF JOINT
Corner joint with high waterproof performance

Secret of W Proof Joint

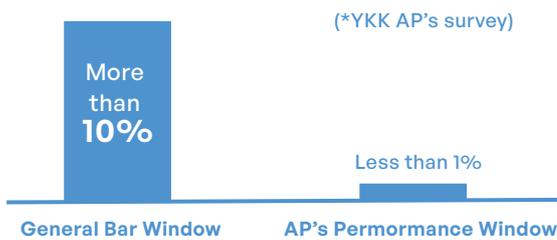


SAP Effect

*Logo "W Proof Joint" expresses high Waterproofness by SAP technology. Trademark registration has been applied.

*SAP: Super Absorbent polymer using Japanese diaper technology. Sealer pad with SAP material will swell and securely fill the gap to achieve optimum water stopping performance.

Water Leakage Rate (Caused by Window Factors)



- The water leakage rate of the bar window is 10% or more.
- The ratio is greatly reduced for bar windows with standardized waterproof parts.
- The risk of water leakage due to window factors is almost 0 for products processed by manufacturers.

Water Tightness Test at In-house Testing Center

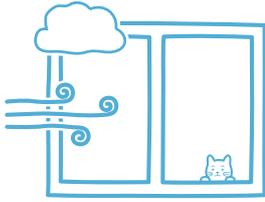
We test water tightness of our products in our own Testing Center, and confirm the performance before product delivery. In Indonesia, this test is possible only in YKK AP.



Test for Apartments / High Rise
200 Pa (Wind Speed = 18.1m/s) × 15 minutes

Test for Landed Houses / Low Rise
100 Pa (Wind Speed = 12.8m/s) × 15 minutes

BASIC PERFORMANCE



Structural (Wind Load)

Wind Pressure Resistance 600Pa
Deflection L/100

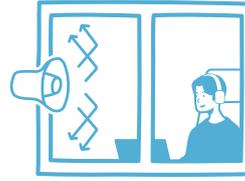
*Ventilation Door 1000 Pa
Deflection L/125



Water Tightness

Isobaric System Adaptable and
Water tightness
150 Pa (Standard Sliding)

*Please check information for
other window types,.



Sound Insulation

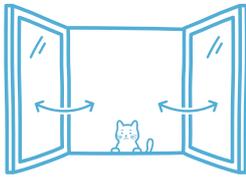
Sound proof and promote energy
saving
Grade T-1 (-25dB) and T-2(-30
dB)(JIS), Rw 24-30 (ISO)



Air Infiltration

Dust-free and Airtight system
Grade A-4 (JIS)

* Ventilation Door
Grade A-2 (JIS)



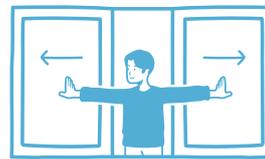
Open-Close Test

Surpass the 30,000 cycles of open
close test



Impact Resistance

Resistant to impact loads up to 30
kg Sand Bag and 170mm Drop
height



Opening Force

Smooth to Operate
Easy for Children



Double Glazing

Double glass to promote energy
saving
max 6 + A6 +6 mm
Glass Groove
18 & 22 mm : Sliding
24 mm : Fixes, Casement, etc
26 mm : Folding Door Terrace
Type, and others



House

10 m (3 Stories)

Indonesia: SNI 03-0573

House: 503 Pa (10m)

Condominium: 1211 Pa (160m)

Environmental condition level 2 v=30 m/s
Category III: The state there are many obstacles on the
ground surface: small town, large suburban areas.

Malaysia: MS 1553

House: 616 Pa (10m)

Condominium: 1308 Pa (150m)

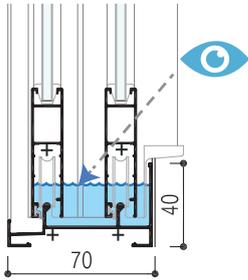
Basic wind speed Vs=33.5 m/s (Kuala Lumpur)
Category 3: Terrain with numerous closely spaced
obstructions 3.0 m to 5.0 m high such as area of subur-
ban housing.

Setting Basic Wind Load for NEXTA is at 1600Pa based on the criteria of 4 countries.
Positive pressure at building facade with many windows.

BASIC PERFORMANCE

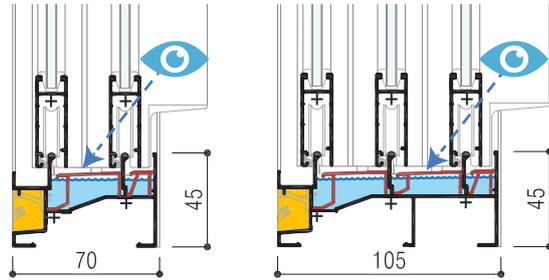
WATER TIGHTNESS

Common Sliding



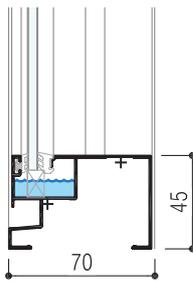
During the rain, water will be accumulated in Bottom Sill, and the water could be seen from inside because of the adopted water head system

NEXSTA Sliding



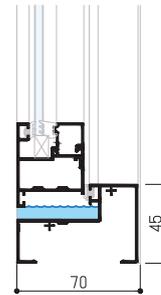
Bottom Sill with cover that makes the water could not be seen up to 200 Pa level.

NEXSTA Fix



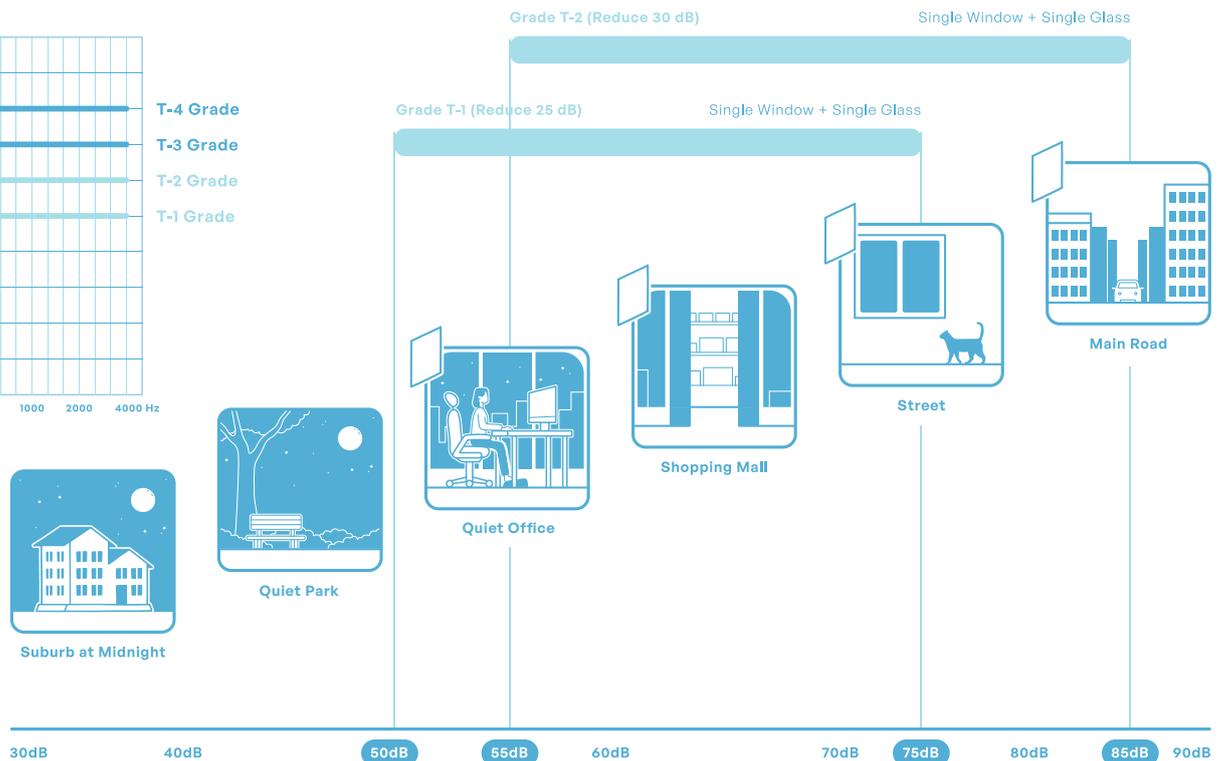
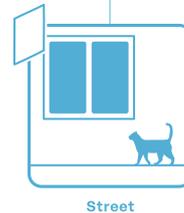
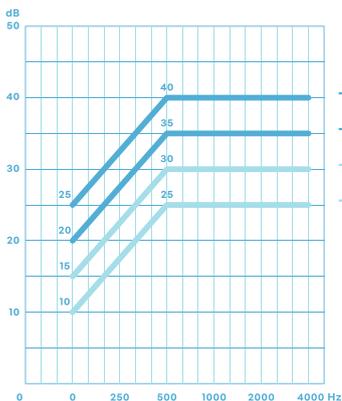
Adopting Isobaric System as an improved system to substitute the use of drain valve.

NEXSTA Top Hung & Casement



Adopting Isobaric System.

SOUND INSULATION



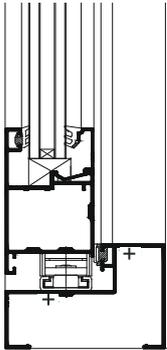
GREEN BUILDING CONCEPT

Modern living that adopts pro green manner means practical, sensible and enable to obtain great saving on energy. Thus energy consumption shall be moderately minimized by preserve natural lighting and thermal reduction that would promote healthy environment.

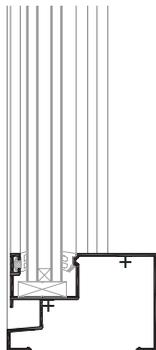


DOUBLE GLAZING

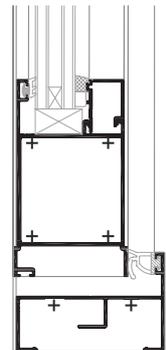
Casement, Top Hung and Door
Glass Groove : 24 mm



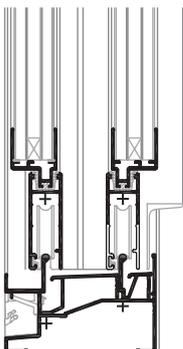
Fix
Glass Groove : 24 mm



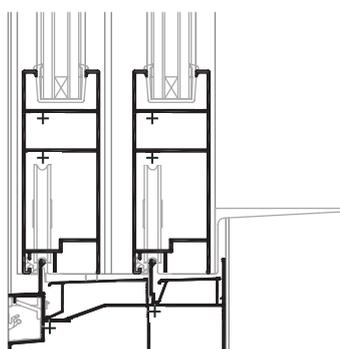
LS Type
Casement, Top Hung and Door
Glass Groove : 26 mm



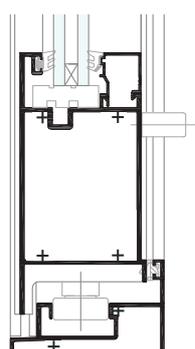
Sliding
Glass Groove : 18 mm



Wide View Sliding
Glass Groove : 22 mm



Folding Door Terrace Type
Glass Groove : 26 mm



INTEGRATED MANUFACTURING

YKK AP Indonesia is the only company in Indonesia that has all the functions to make windows.

R&D Center	Testing Center	Anodizing/Coating	Fabrication
 <ul style="list-style-type: none"> • Climate observation with BMKG • Collaboratively study with PUPR, ITB, and Japanese Univ. 	 <ul style="list-style-type: none"> • The only facility in Indonesia • All Products are tested here (Performance, Durability, Safety etc.) 	 <ul style="list-style-type: none"> • The only factory in Indonesia that can produce Anodized Composite Coatings (Anodize Plus) 	 <ul style="list-style-type: none"> • Accurate processing and parts attachment based on Japanese technology and machinery
Product Development	Alloy Casting	Extrusion	Field Technical Service
 <ul style="list-style-type: none"> • PD focus on Indonesia based on the research 	 <ul style="list-style-type: none"> • Casting mainly from domestic raw materials 	 <ul style="list-style-type: none"> • High Quality by Japan made extruder 	 <ul style="list-style-type: none"> • FTS(Site inspection, DIS training, etc.) by Experienced staff

INTEGRATED MANUFACTURING

STANDARD COLORS

		Powder Coating re-paint OK	Anodize + resistant to rain and UV
	White/Ivory	TW01 TW02	
	Light Gray /Champagne		YS1N (Matte) YH1N (Matte)
	Deep Gray	TB80	
	Brown	TB20	YB1C (Glossy) YB1N (Matte)
	Black	TK10	YK1N (Matte)

GRAY



BLACK



WHITE

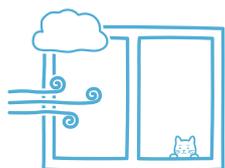


BROWN



CHAMPAGNE

STANDARD SLIDING



Structural (Wind Load)

600 Pa
Deflection
L/100



Water Tightness

150 pa



Air Infiltration

Grade A - 4(JIS)



Sound Insulation

T - 1 (-25 dB)(JIS)



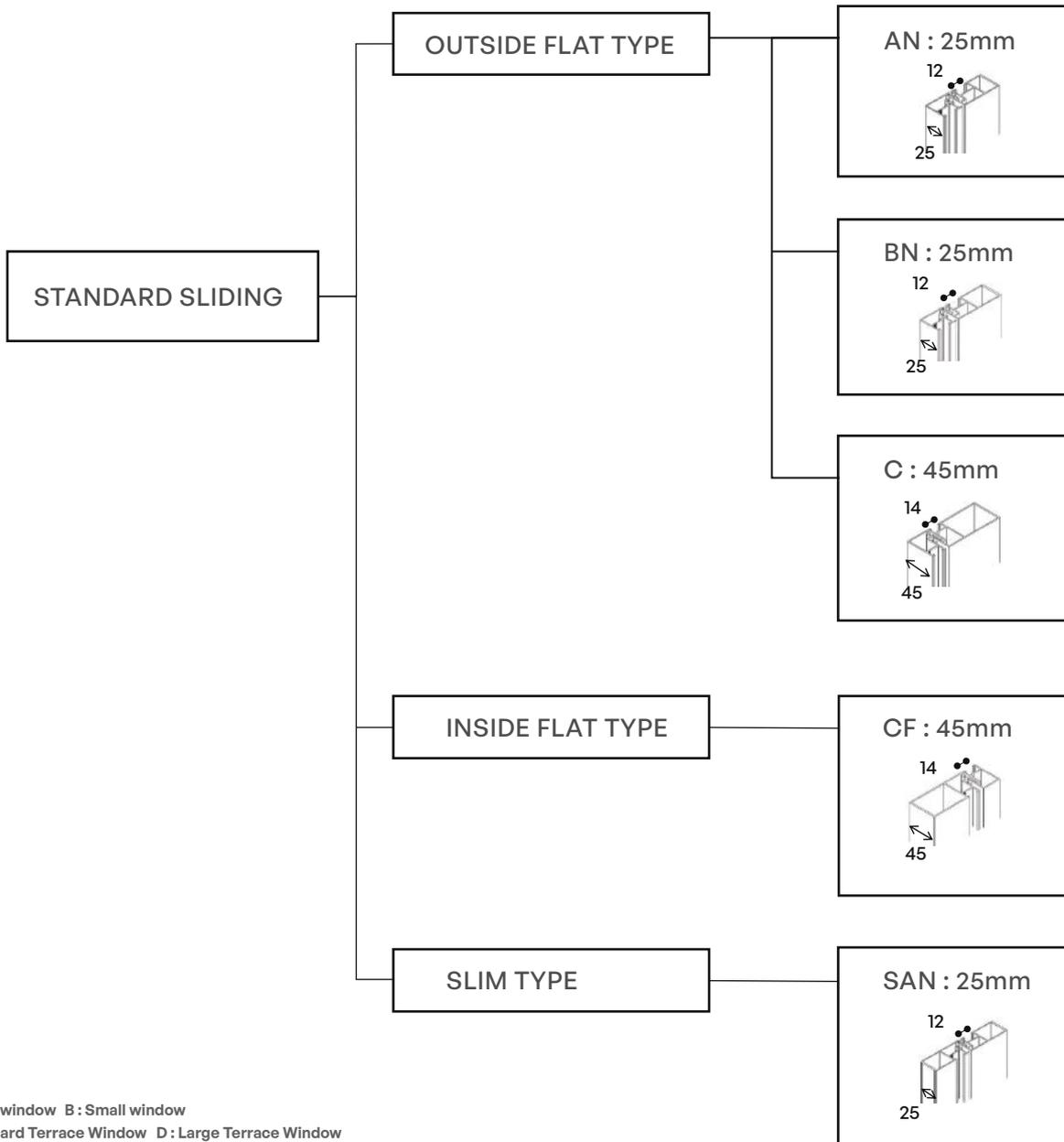
Double Glazing



* High Sound Insulation Type

STANDARD SLIDING

PRODUCT DIAGRAM



A : Small window B : Small window
 C : Standard Terrace Window D : Large Terrace Window
 Corresponding height changes depending on the wind pressure

VARIATION OF LEAVES



Sliding 2 Leaves



Sliding 3 Leaves



Sliding 4 Leaves



Sliding 6 Leaves

STANDARD SLIDING

GLASS THICKNESS MATRIX & GASKET MATRIX

		Glass & Gasket Type							
Glass Groove		12			14			18	
Glass Thickness		5	6	8	6	8	10	6+A6+6	
Protruding Inside	AN-Type	●	●	●				●	
	BN-Type	●	●	●					
	C-Type				●	●	●		●
Slim	SAN-Type	●	●	●					
Inside Flat	CF-Type				●	●	●		
Gasket Number		9K-20864		9K-20675	9K-25042	9K-2427	9K-27008	3K-24201	2K-29430

● Available

STANDARD SLIDING

INSECT SCREEN MATRIX

Window Type		Insect Screen Type							
		2 leaves	3 leaves	4 leaves	6 leaves	2 leaves	3 leaves	4 leaves	6 leaves
Screen Type		Outside				Inside (with rail attachment)			
Protruding Inside	AN-Type	●	●	●	●				
	BN-Type	●	●	●	●				
	C-Type	●	●	●	●				
Slim	SAN-Type								
Inside Flat	CF-Type					●	●	●	●

● Available

PARTS MATRIX

Item		Standard				Optional								
		Crescent Lock		Pull Handle	Hook Lock Thumb Latch	Crescent Lock				Hook Lock with Key	Universal Handle			
L=60	L=80	L=60	L=80			With Key	L=110							
Protruding Inside	AN-Type	●					●	●	●					
	BN-Type	●					●	●	●					
	C-Type	Standard					●		●	●				
High Strength			●	△	●	●		●	●	●	△ 2,3 Leaves			
Slim	SAN-Type	●	●				●	●	●					
Inside Flat	CF-Type	Standard		●			●	●	●					
		High Strength		●			●	●	●					
Color		DG, YW	DG, YW	YK, YW	DG, YW	DG, YW	DG	DG, YW	DG, YW	DG	DG			
Parts Number		5K-11484	5K-11485 5K-11486	5K-11487	2K-36775	9K-11361	9K-11362	5K-11484	5K-11485 5K-11486	5K-12932 5K-12933	5K-12485 5K-12486	9K-11363 9K-11364	5K-13245	4K-17110

● Available

△ Available, paired with crescent lock

DG=Black, YW=White, YK=Black

STANDARD SLIDING

FEATURES

Safety

• Safety Cap

Inside upper cap and Outside bottom cap are the standard setting to prevent from any harm that might occur.



Inside upper cap



Outside bottom cap

• Inner Stopper

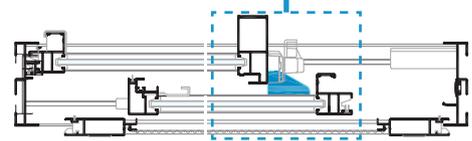
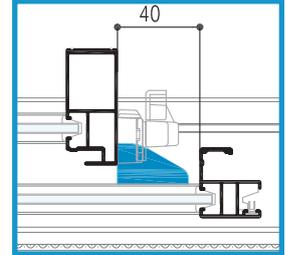
Upper inner stopper and Bottom inner stopper are the standard setting to prevent users from injury when opening the window.



Upper stopper

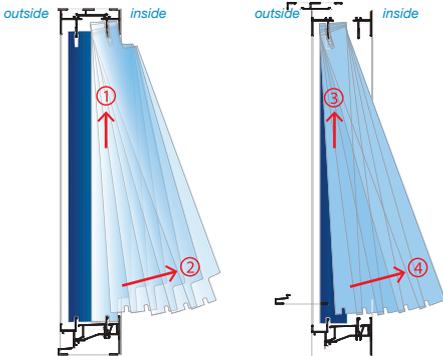


Bottom stopper



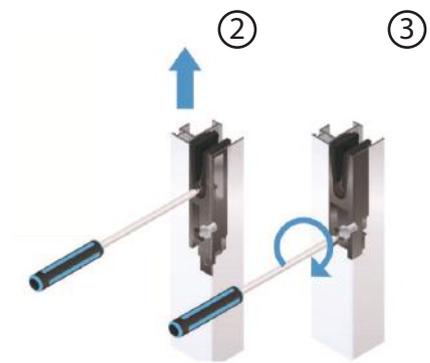
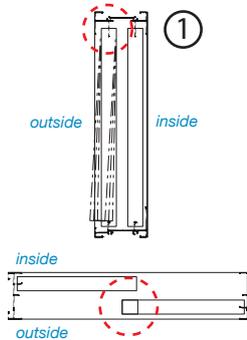
• Able to be Installed from Inside

The inner frame can be removed safely from the inside for installation and maintenance.



• Inner Stopper

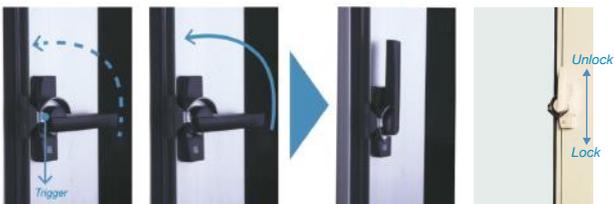
Latch is set at the top of inner frame as the standard to prevent track from jumping out.



Security

• Crescent with False Locking Prevention

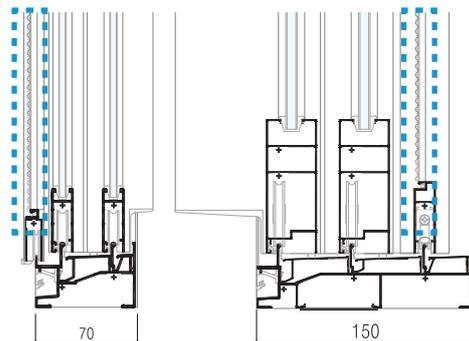
The lock function will work properly and effectively with this setting.



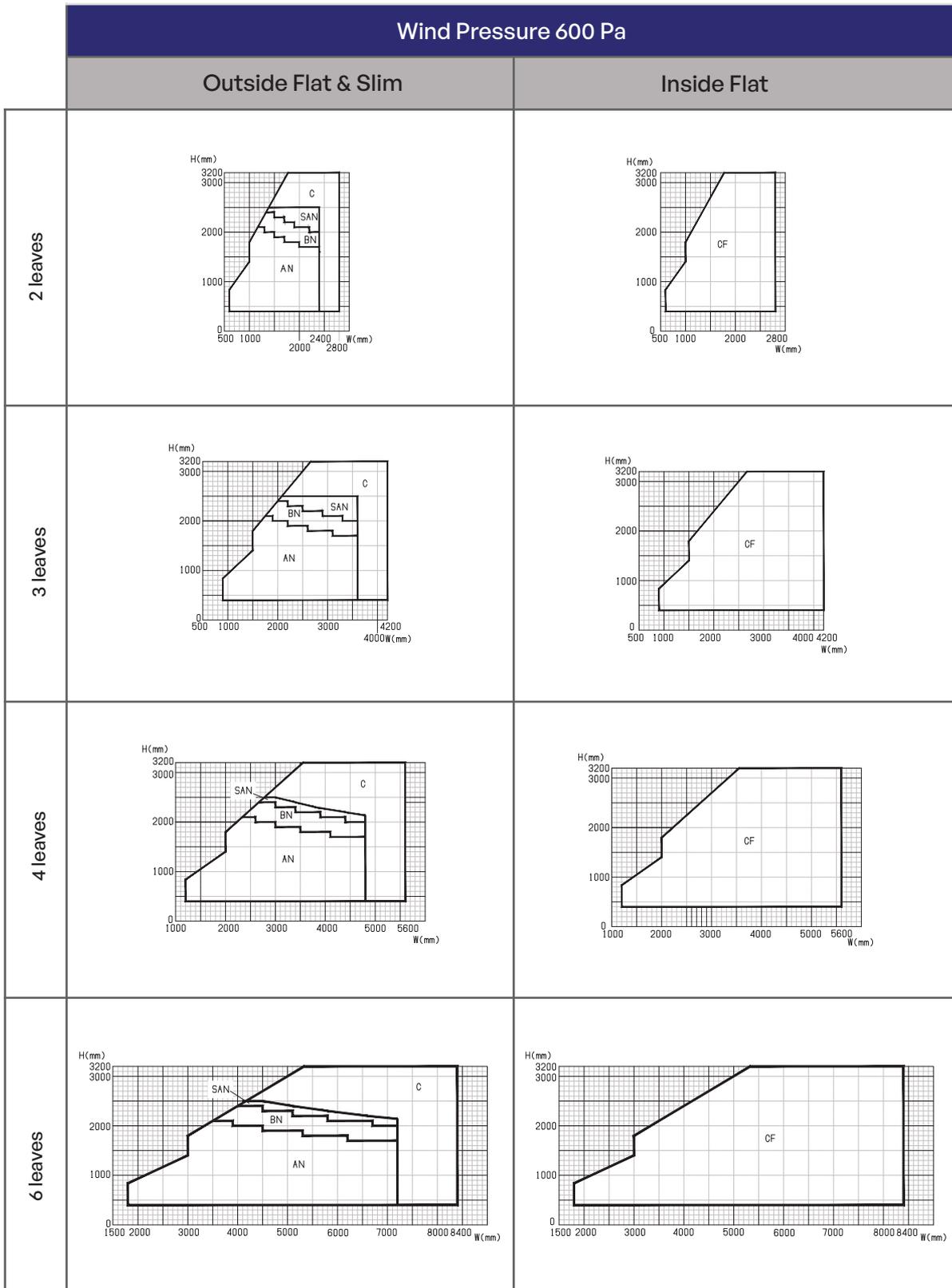
Insect Screen

• Sliding 2 Tracks and 3 Track

This setting will protect from any insect disturbance and promote clear view through window.



SIZE LIMITATION

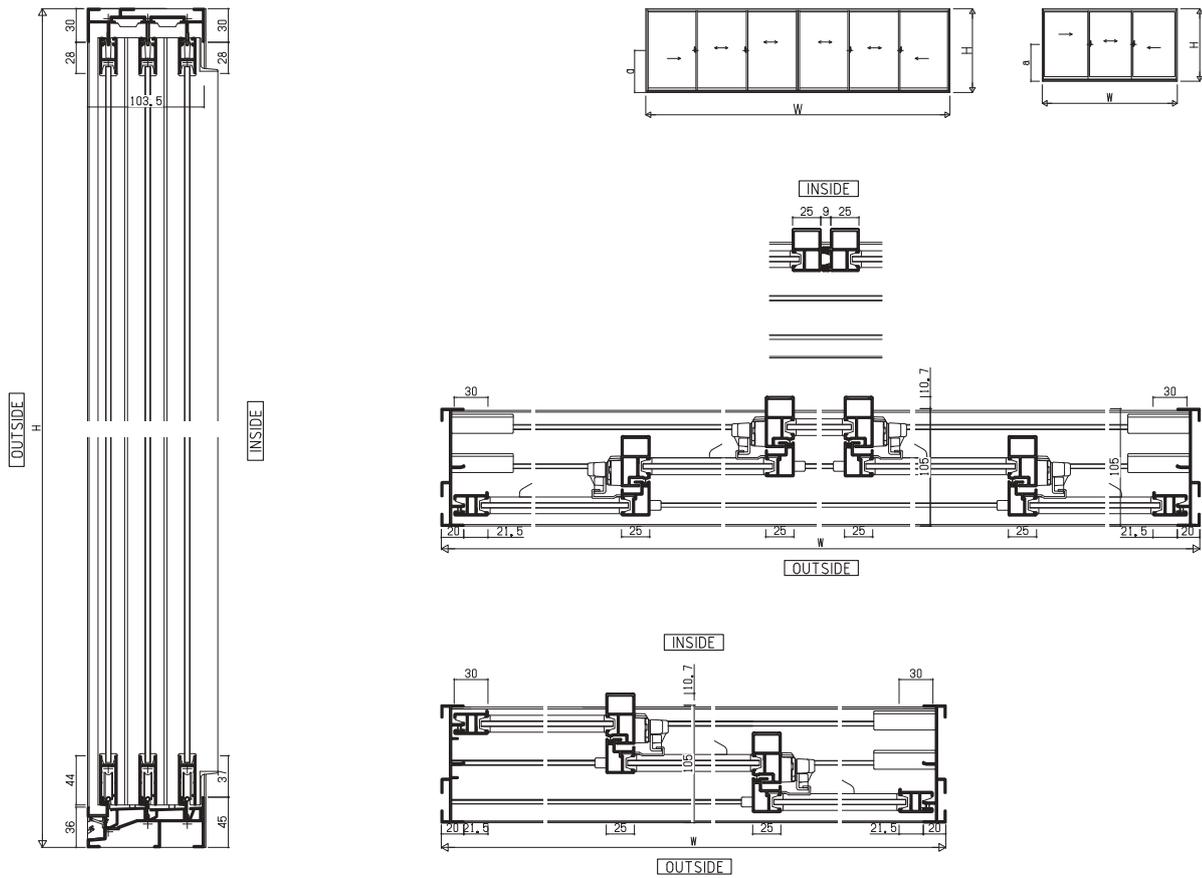


*Please refer to page 12 of the Product Diagram for details on meeting stiles AN, BN, SAN, CF, and C.

STANDARD SLIDING

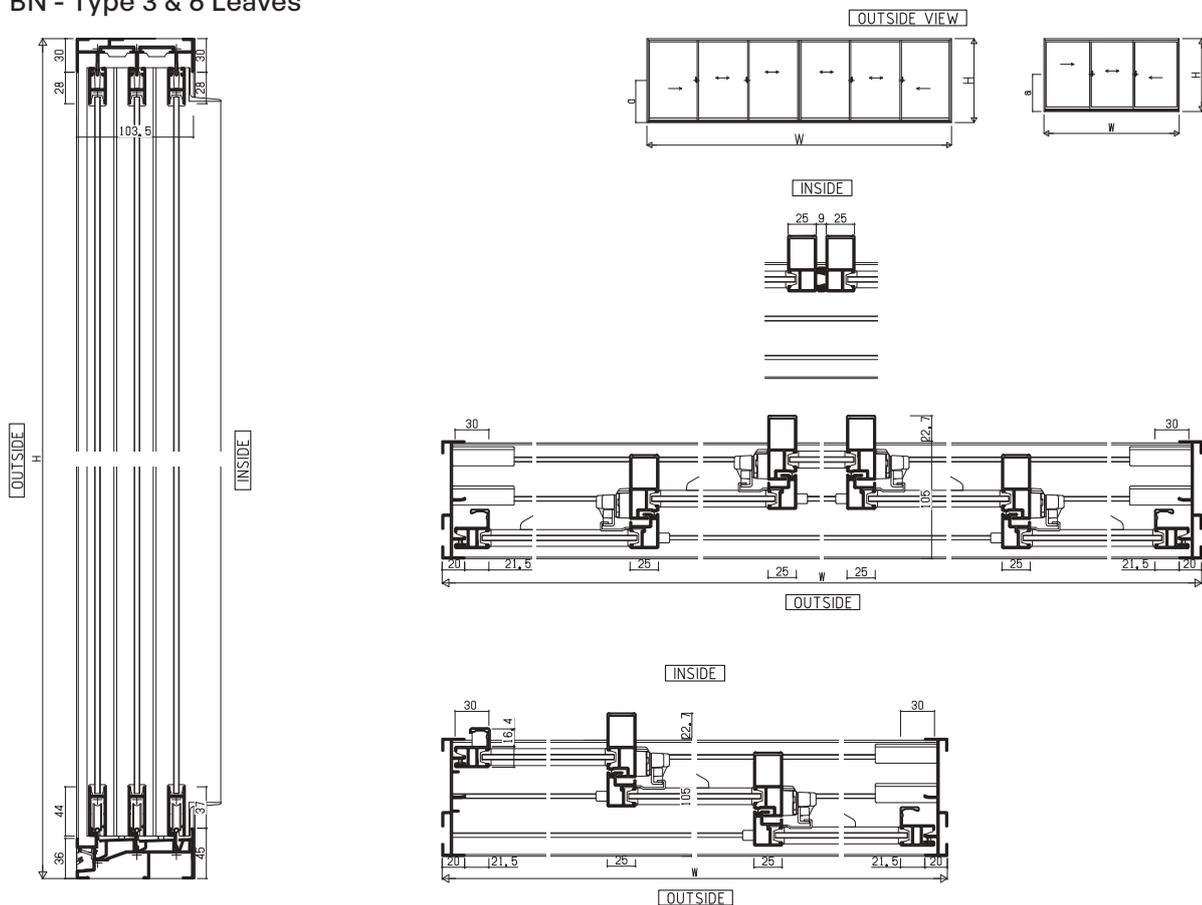
System Drawing & Size Limitation

AN - Type 3 & 6 Leaves



*Please check P16 for size limitation

BN - Type 3 & 6 Leaves

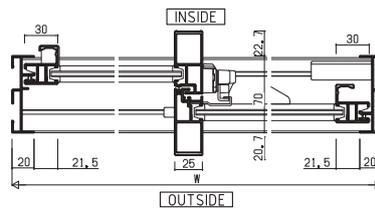
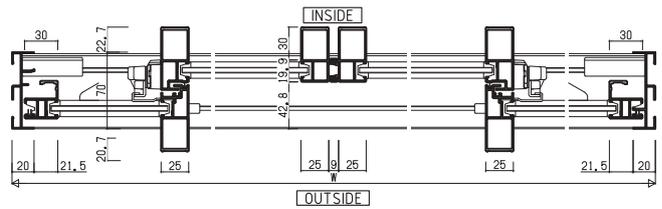
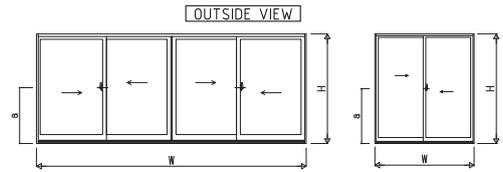
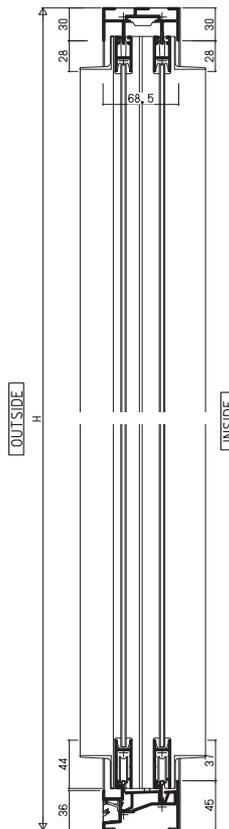


STANDARD SLIDING

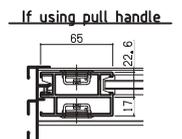
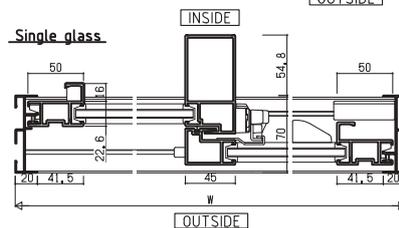
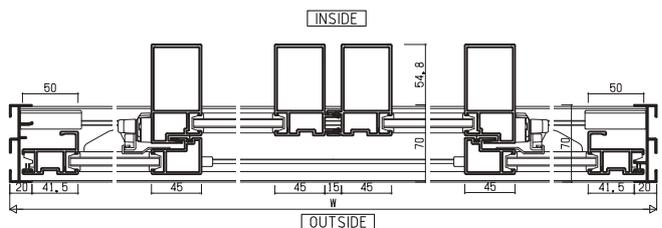
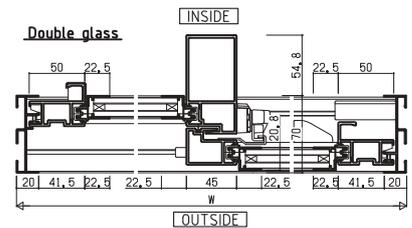
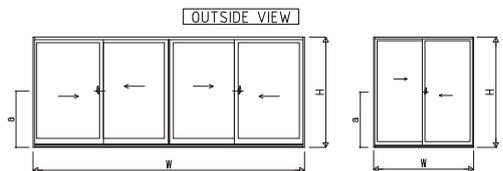
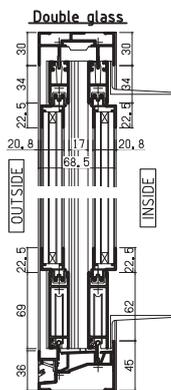
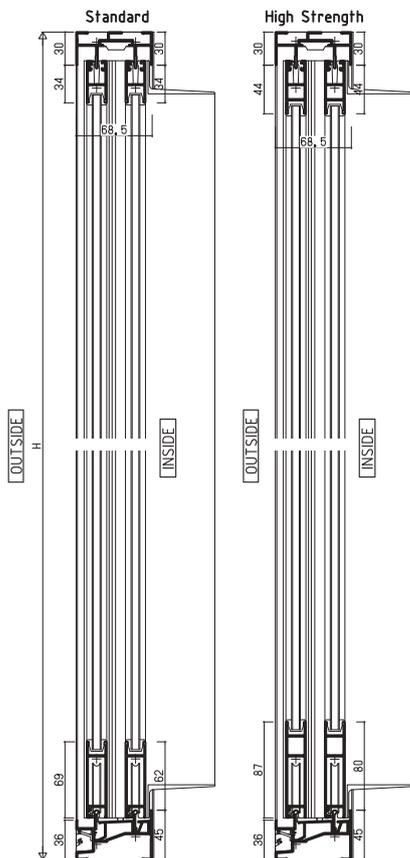
System Drawing & Size Limitation

SAN - Type 2 & 4 Leaves

*Please check P16 for size limitation



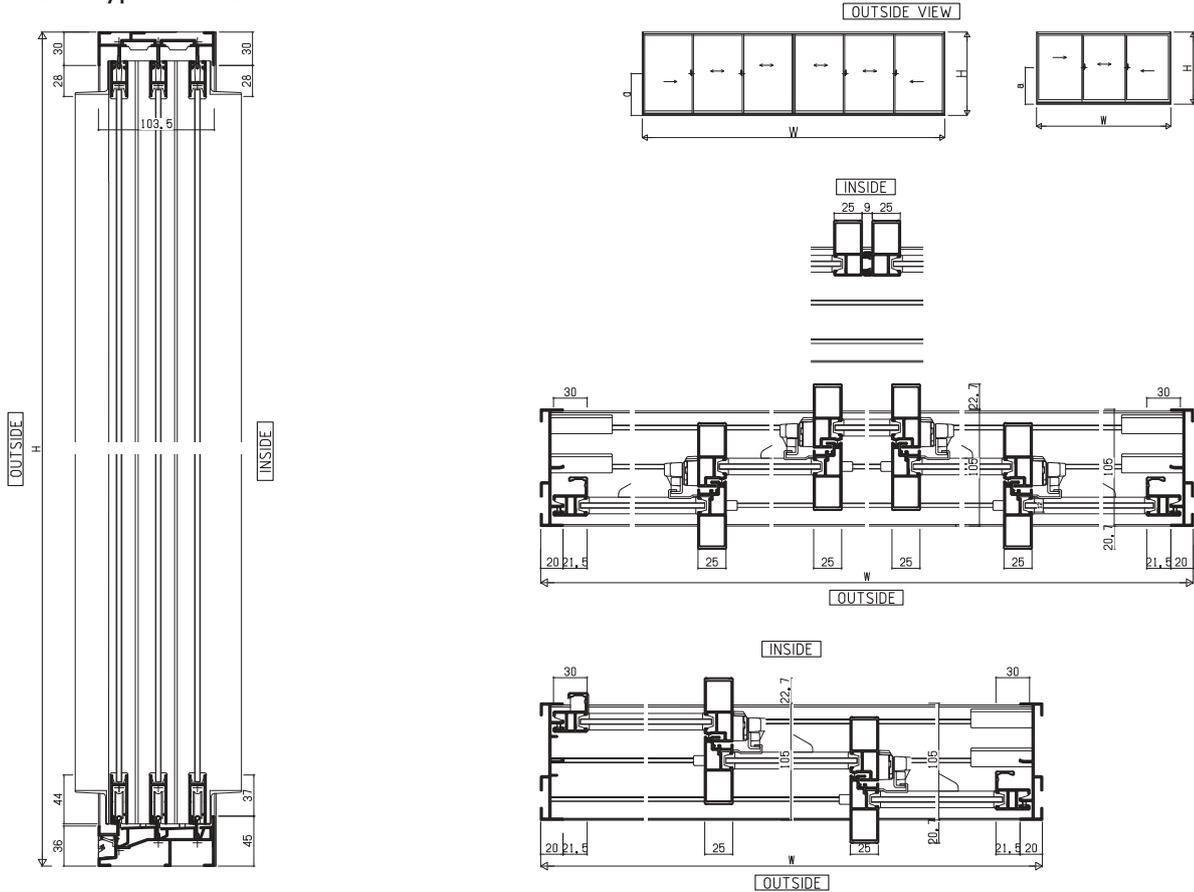
C - Type 2 & 4 Leaves



STANDARD SLIDING

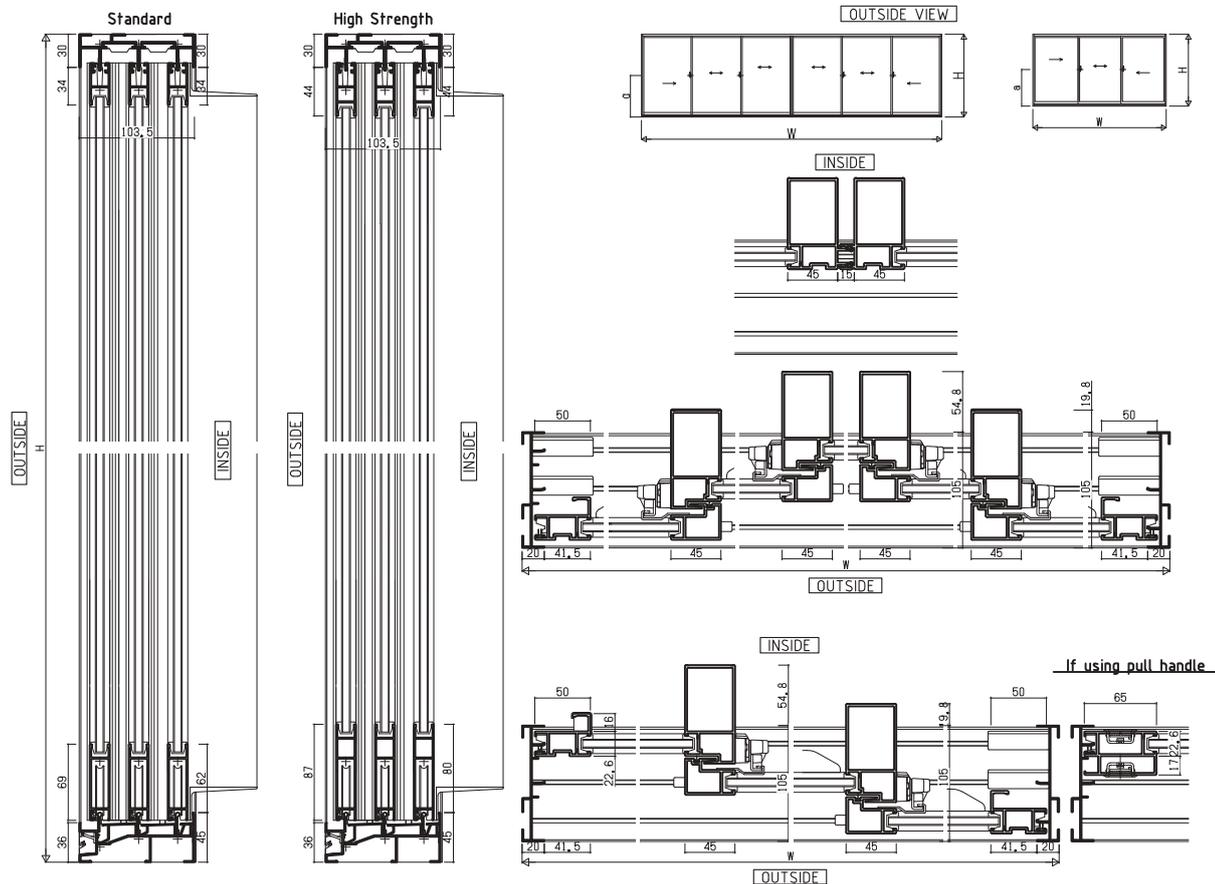
System Drawing & Size Limitation

SAN - Type 3 & 6 Leaves



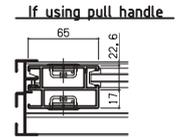
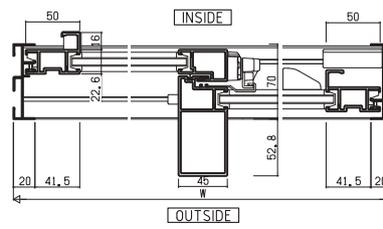
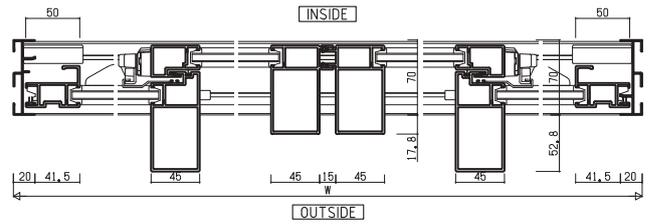
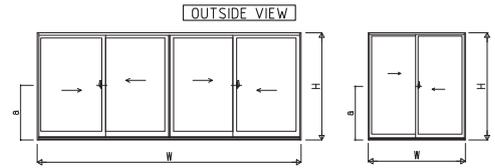
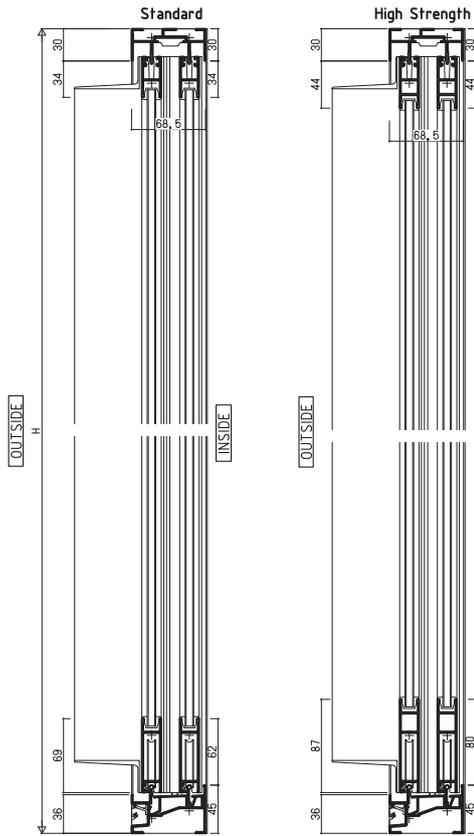
*Please check P16 for size limitation

C - Type 3 & 6 Leaves



CF - Type 2 & 4 Leaves

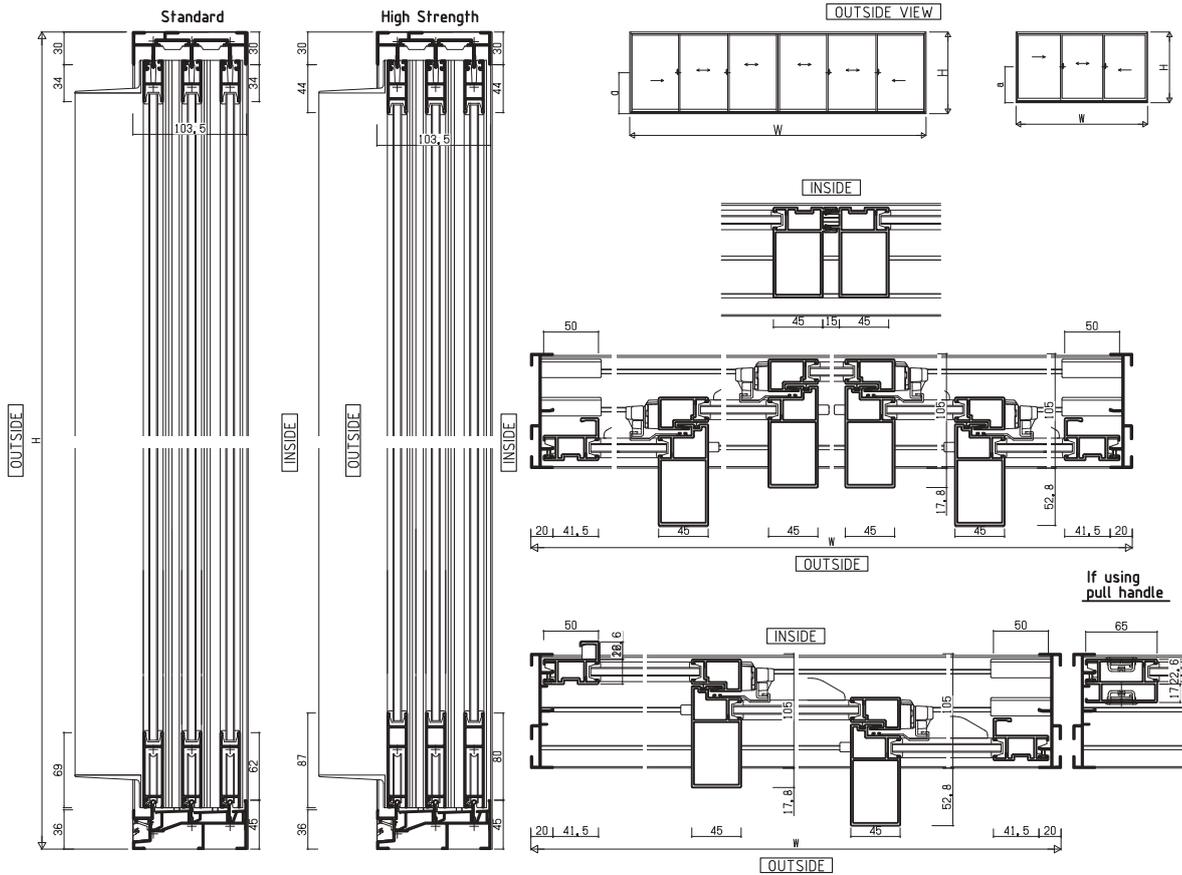
*Please check P16 for size limitation



STANDARD SLIDING

System Drawing & Size Limitation

CF - Type 3 & 6 Leaves



*Please check P16 for size limitation

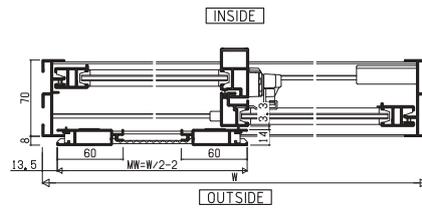
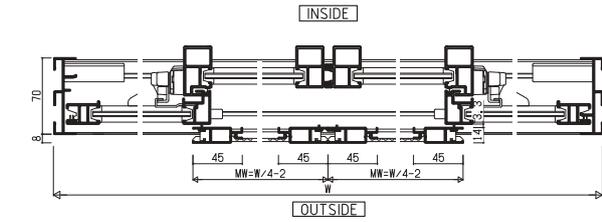
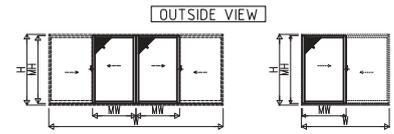
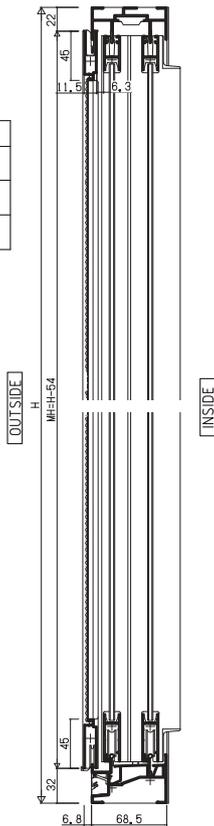
STANDARD SLIDING

System Drawing & Size Limitation Insect Screen (Optional)

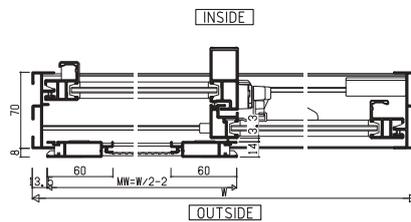
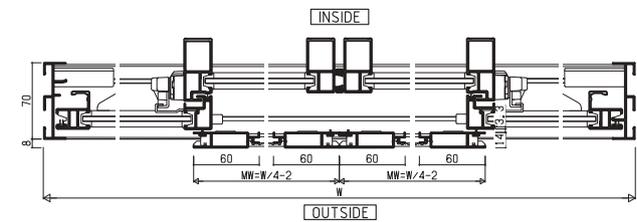
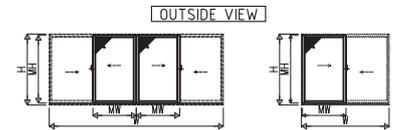
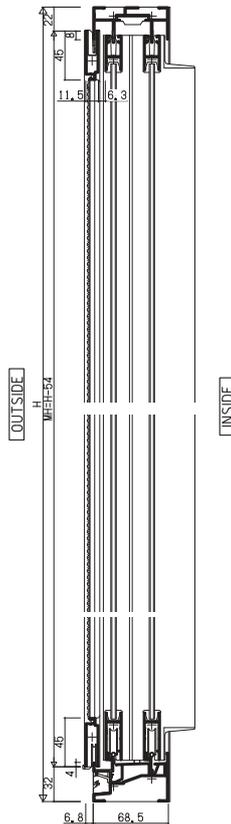
Insect Screen AN - Type 2 & 4 Leaves

Size Limitation
Insect Screen

	LEAVES	
	2	4
WIDTH	$298 \leq MW \leq 1198$	
HEIGHT	$346 \leq MH \leq 2346$	



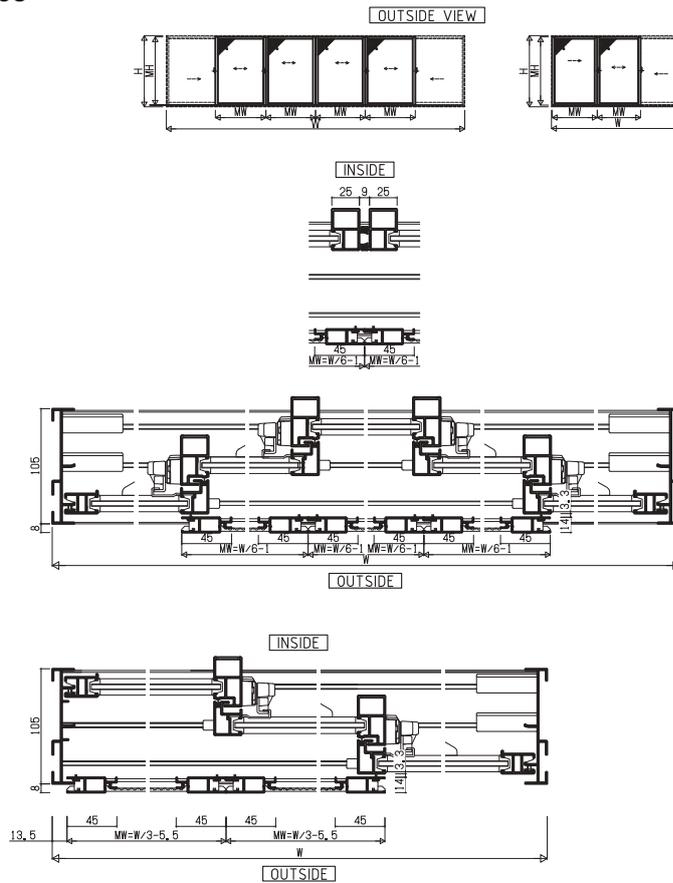
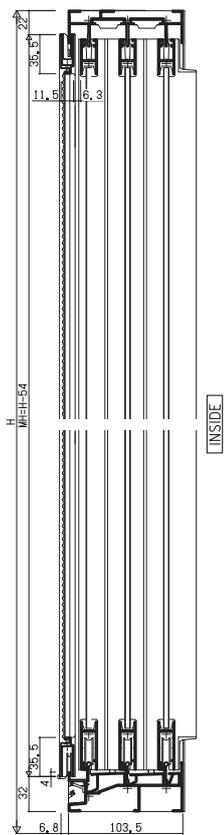
Insect Screen BN - Type 2 & 4 Leaves



STANDARD SLIDING

System Drawing & Size Limitation Insect Screen (Optional)

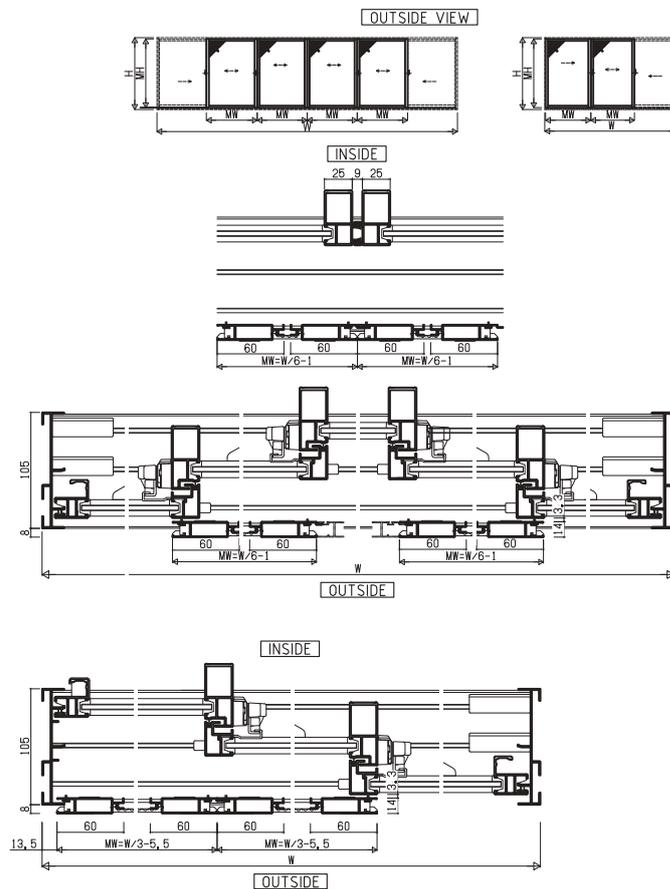
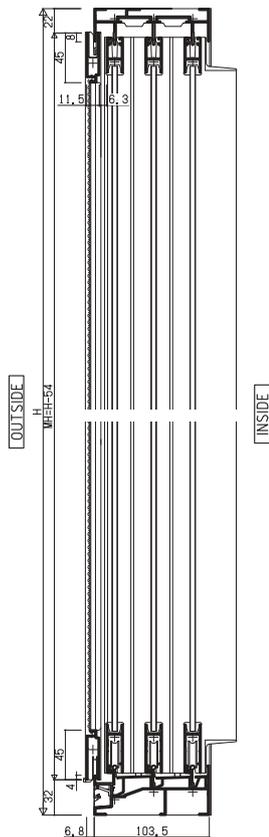
Insect Screen AN - Type 3 & 6 Leaves



Size Limitation
Insect Screen

	LEAVES	
	3	6
WIDTH	$295 \leq MW \leq 1195$	$299 \leq MW \leq 1199$
HEIGHT	$346 \leq MH \leq 2346$	

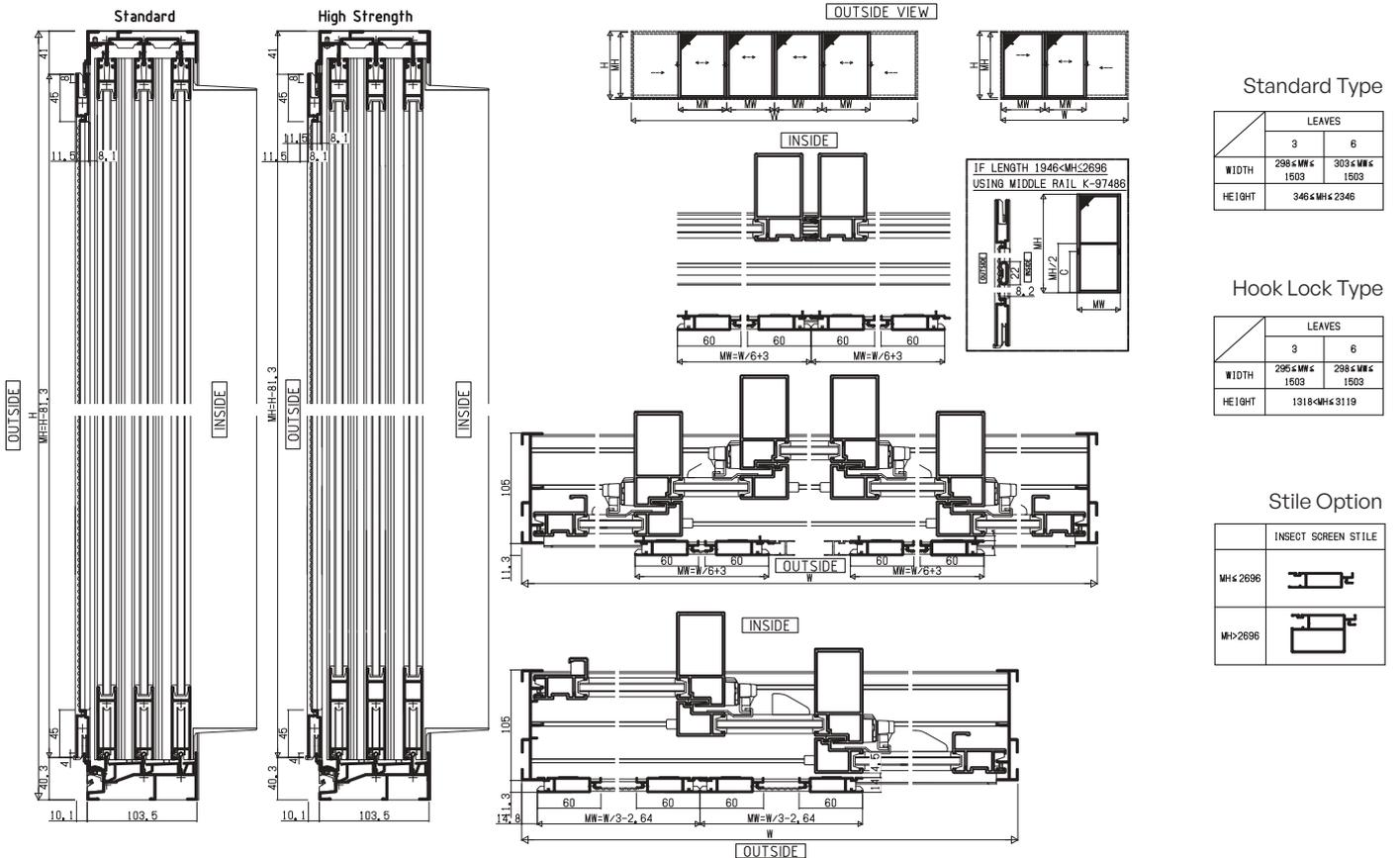
Insect Screen BN - Type 3 & 6 Leaves



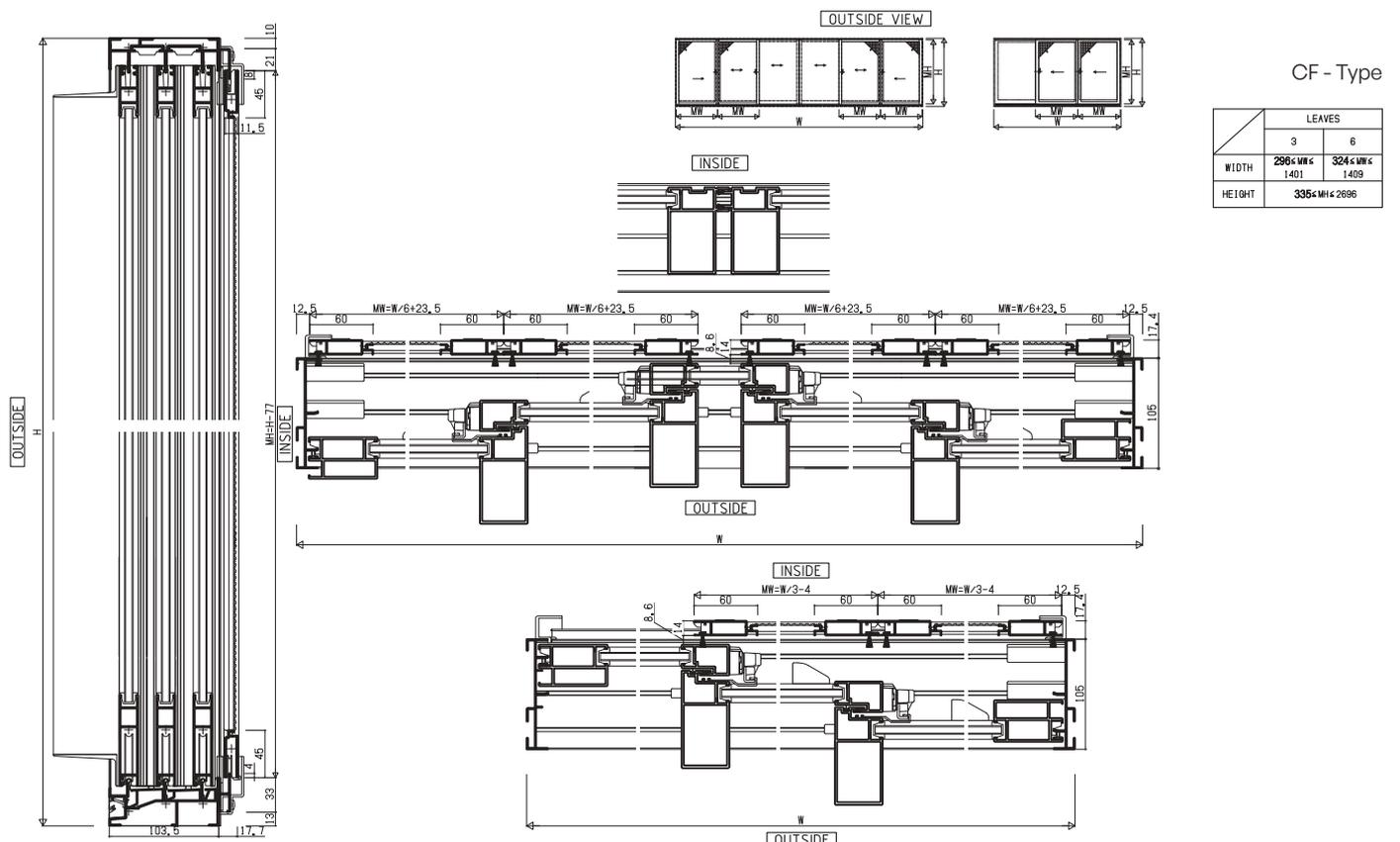
STANDARD SLIDING

System Drawing & Size Limitation Insect Screen (Optional)

Insect Screen C - Type 3 & 6 Leaves



Insect Screen CF - Type 3 & 6 Leaves



WIDE VIEW SLIDING



Sound Insulation

Sound proof and promote energy saving
Grade T-1 (-25dB)



Structural (Wind Load)

Square, Round, & Slim
600 Pa
Deflection L/100



Water Tightness

Square
250 Pa

Round
100 Pa

Slim
200 Pa



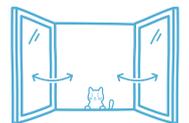
Air Infiltration

Grade A-4 (JIS)



Impact Resistance

30 kg sand bag from
170mm drop Height

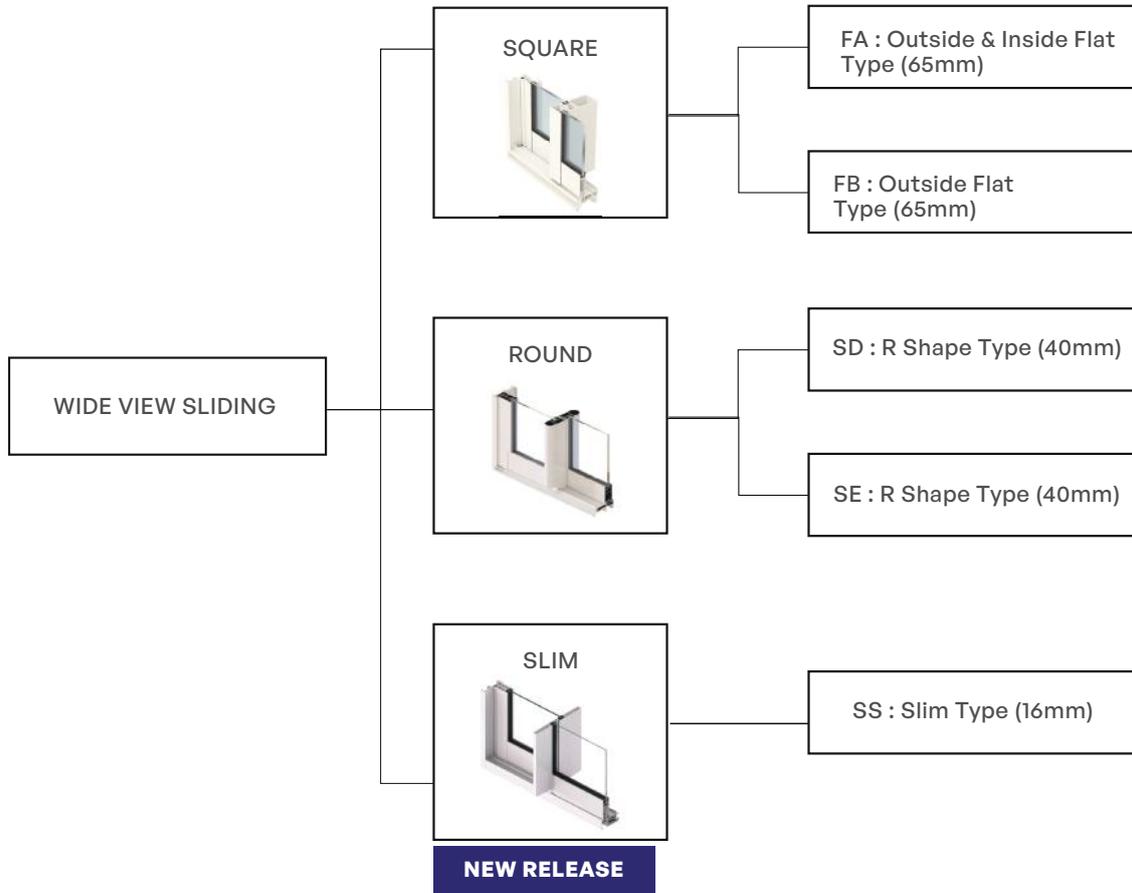


Open-close Test

30,000 cycle
depends on item

WIDE VIEW SLIDING

FEATURES



VARIATION OF LEAVES

FA & FB
Sliding 2 Leaves



Sliding 3 Leaves



Sliding 4 Leaves



Sliding 6 Leaves



SD & SE
Sliding 2 Leaves



Sliding 3 Leaves



Sliding 4 Leaves



SS
Sliding 2 Leaves



Sliding 3 Leaves



Sliding 4 Leaves

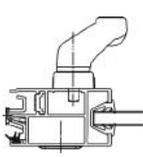
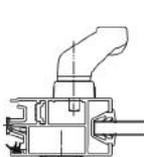
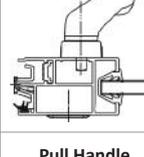
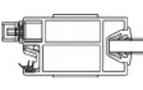
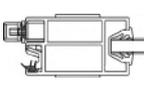
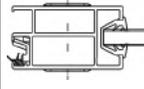
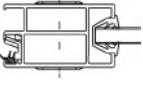
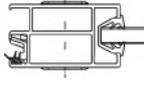
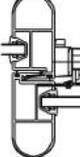
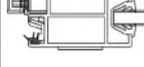
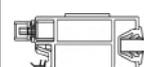


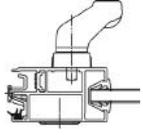
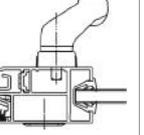
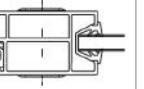
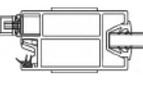
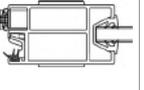
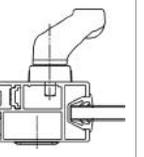
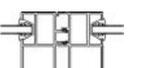
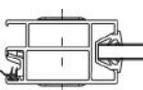
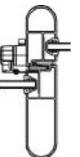
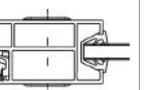
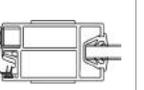
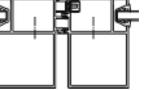
Sliding 6 Leaves



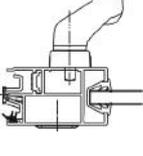
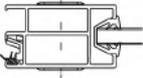
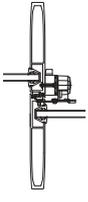
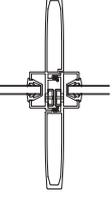
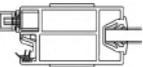
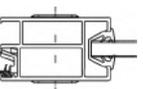
WIDE VIEW SLIDING

LOCK VARIATION (SD, SE, SS)

CATEGORY	2-LEAF		3-LEAF		4-LEAF		
	STILE	INTERLOCKING STILE	STILE	INTERLOCKING STILE	STILE	INTERLOCKING STILE	MEETING STILE
SD H≤3,000	Multipoint Lock 	No Lock 	Multipoint Lock 	No Lock 	Multipoint Lock 	Crescent Lock 	No Lock  b-type H≤3,000
	Hook Lock 	No Lock 	Hook Lock 	No Lock 	Pull Handle 	Crescent Lock 	No Lock  b-type H≤3,000
	Pull Handle 	Crescent Lock 	Pull Handle 	Crescent Lock 	Hook Lock 	No Lock 	Hook Lock  a-type H≤2,200
					Hook Lock 	No Lock 	Hook Lock  d-type 2,200<H≤3,000

CATEGORY	2-LEAF		3-LEAF		4-LEAF		
	STILE	INTERLOCKING STILE	STILE	INTERLOCKING STILE	STILE	INTERLOCKING STILE	MEETING STILE
SE H<4000	Multipoint Lock 	No Lock 	Multipoint Lock 	No Lock 	Pull Handle 	Crescent Lock 	No Lock  c-type 4,000>H>3,000
	Hook Lock 	No Lock 	Hook Lock 	No Lock 	Multipoint Lock 	Crescent Lock 	No Lock  c-type 4,000>H>3,000
	Pull Handle 	Crescent Lock 	Pull Handle 	Crescent Lock 	Hook Lock 	No Lock 	Hook Lock  d-type 4,000>H>3,000

WIDE VIEW SLIDING

CATEGORY	2-LEAF & 3-LEAF		4-LEAF & 6-LEAF		
	STILE	INTERLOCKING STILE	STILE	INTERLOCKING STILE	MEETING STILE
SS H≤4,000	Multipoint Lock 	No Lock 	Pull Handle 	Crescent Lock 	No Lock 
	Hook Lock 	No Lock 			
	Pull Handle 	Crescent Lock 			

PARTS MATRIX

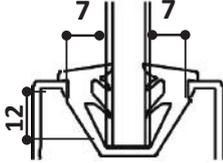
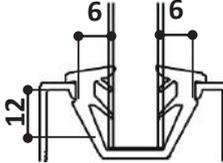
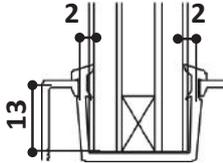
Item			Standard				Optional						
			Crescent Lock	Pull Handle	Hook Lock Thumb Latch	Multipoint Lock Handle	Crescent Lock	Pull Handle	Hook Lock with Key	Universal Handle	Patio Lock Handle		
Square Type	FA-Type	2,3 Leaves			●	●	●	△	●	●			
		4 Leaves			●	△	●	△	●	●			
	FB-Type	2,3 Leaves			●	●	●	△	●	●			
		4 Leaves			●	△	●	△	●	●			
Round Type	SD-Type	2,3 Leaves	●	△	●	●			●				
		4 Leaves	● b-type	△ b-type	● a,d-type	△ b-type			● a,d-type				
	SE-Type	2,3 Leaves	●	△	●	●			●				
		4 Leaves	● c-type	△ c-type	● d-type	△ c-type			● d-type				
Slim Type	SS-Type	2,3 Leaves	●	△	●	●			●				
		4,6 Leaves	●	△									
Color			DG, YW	DG, YW	DG, YW	YK, D1	DG, YW	DG, YW	DG	YK, YW			
Parts Number			5K-12485	5K-12486	9K-11365	9K-11361	9K-11362	7K-11127	7K-11128	5K-12485	5K-12486	9K-10990/4	9K-10989/89/92

● Available △ Available, paired with crescent lock

DG=Black, YW=White, YK=Black, D1=White

WIDE VIEW SLIDING

GLASS THICKNESS MATRIX & GASKET MATRIX

		Glass & Gasket Type		
				
Glass Groove			22	
Glass Thickness		8	10	6+A6+6
Square Type	FA-Type	●	●	●
	FB-Type	●	●	●
Round Type	SD-Type	●	●	●
	SE-Type	●	●	●
Slim Type	SS-Type	●	●	●
Gasket Number		9K-20843	3K-20280	K-26671

● Available

INSECT SCREEN MATRIX

		Insect Screen Type					
Window Type		2 leaves	3 leaves	4 leaves	6 leaves	2 leaves	4 leaves
Screen Type		Outside (with rail attachment)				Inside	
Square Type	FA-Type	●	●	●	●	●	●
	FB-Type	●	●	●	●	●	●
Round Type	SD-Type						
	SE-Type						
Slim Type	SS-Type						

● Available

WIDE VIEW SLIDING

FEATURES



FA & FB Square

Clean, sharp edges for a bold and modern structural look.



SD & SE Round

Soft curved lines that create a warm, smooth, and welcoming aesthetic



SS Slim

NEW RELEASE

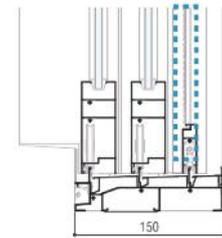
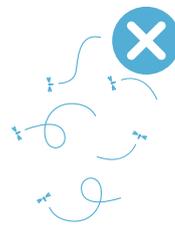
Ultra-thin profile for a sleek, minimalist, and spacious visual impression



Multipoint Lock System With Single Motion



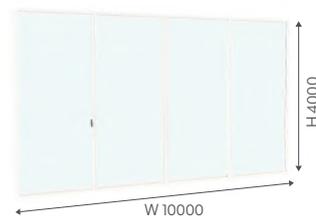
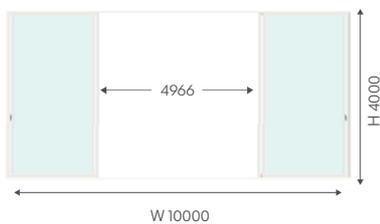
Disclaimer only for square type



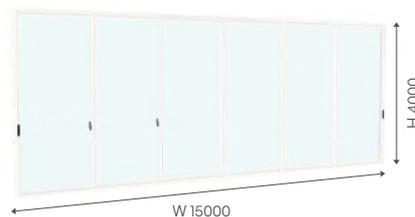
WIDE OPENING

Largest opening among the series, which is W10000×H4000 (4 Leaves) and W15000×H4000 (6 Leaves)

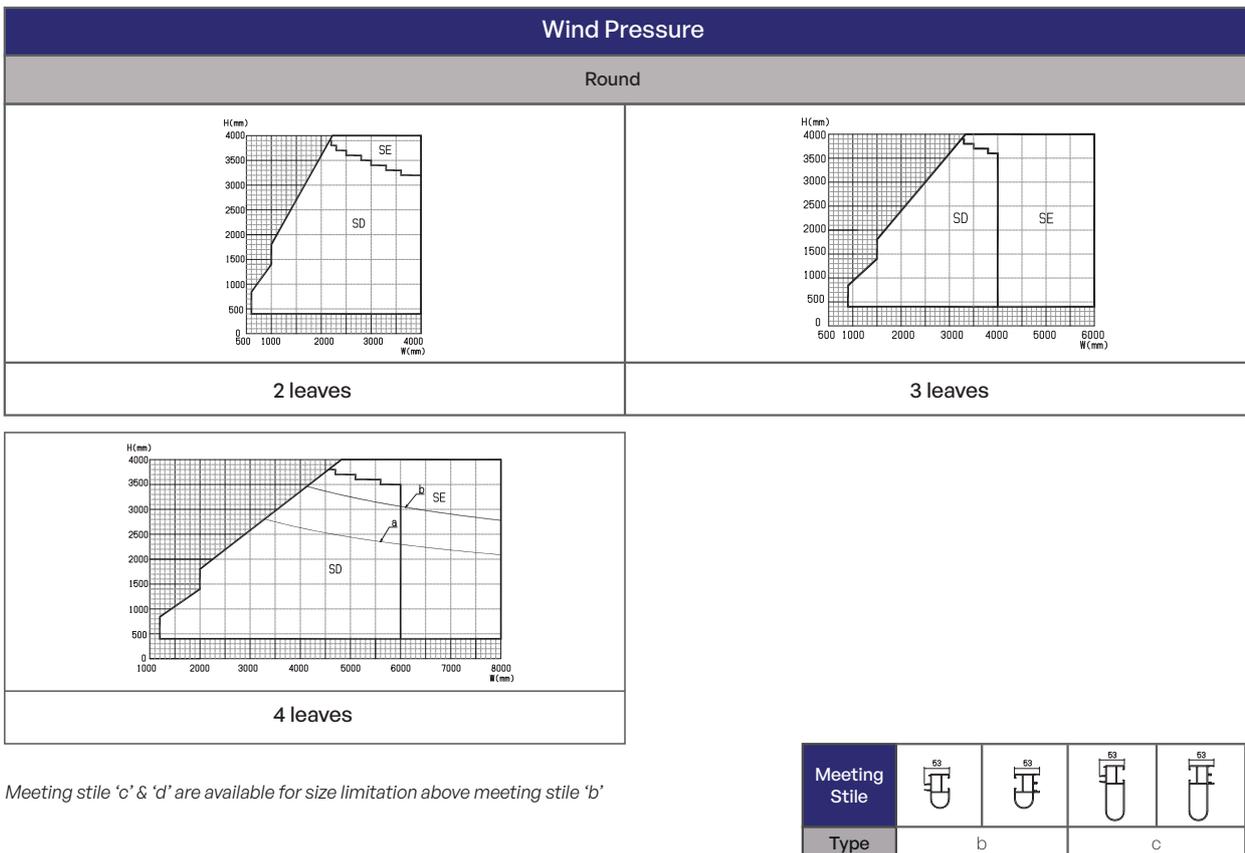
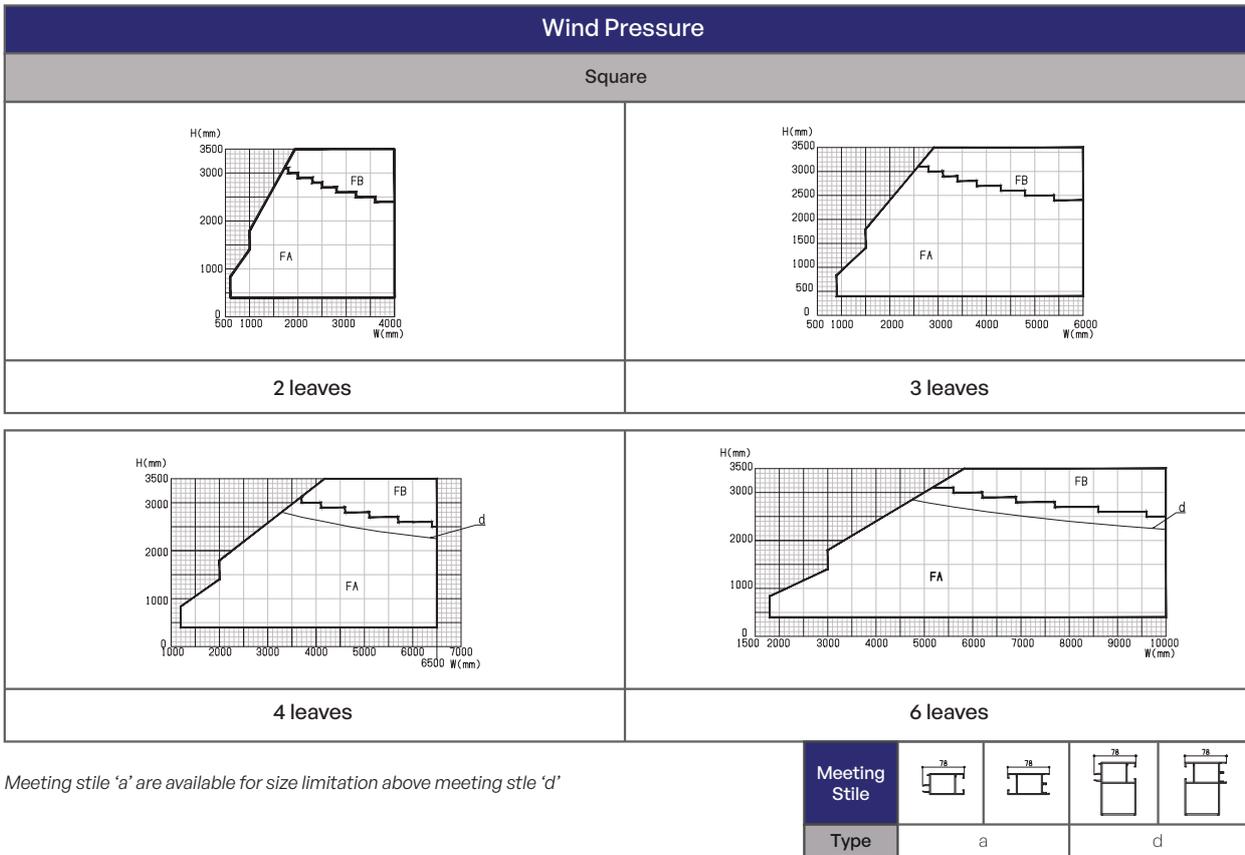
4 LEAVES



6 LEAVES

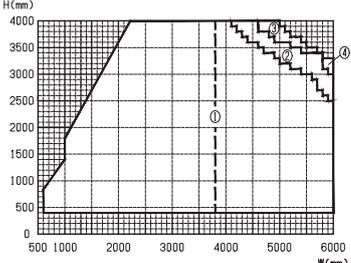
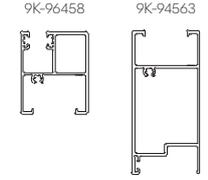
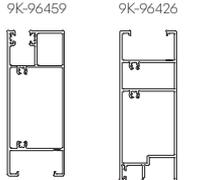
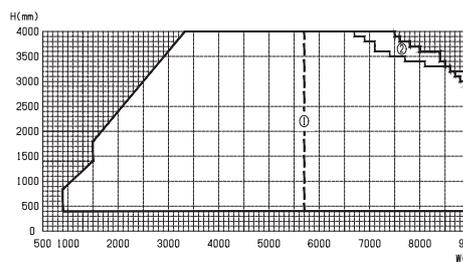
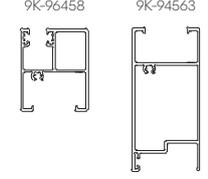
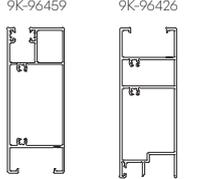
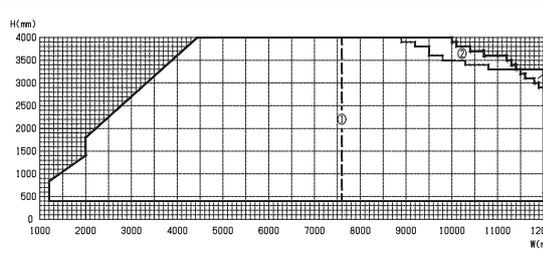
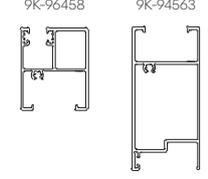
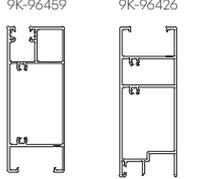
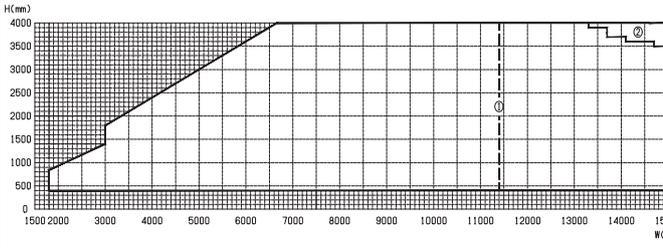
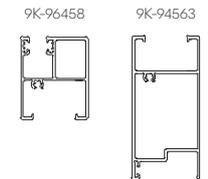
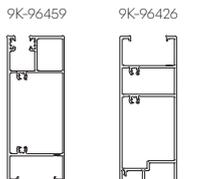


SIZE LIMITATION



SIZE LIMITATION

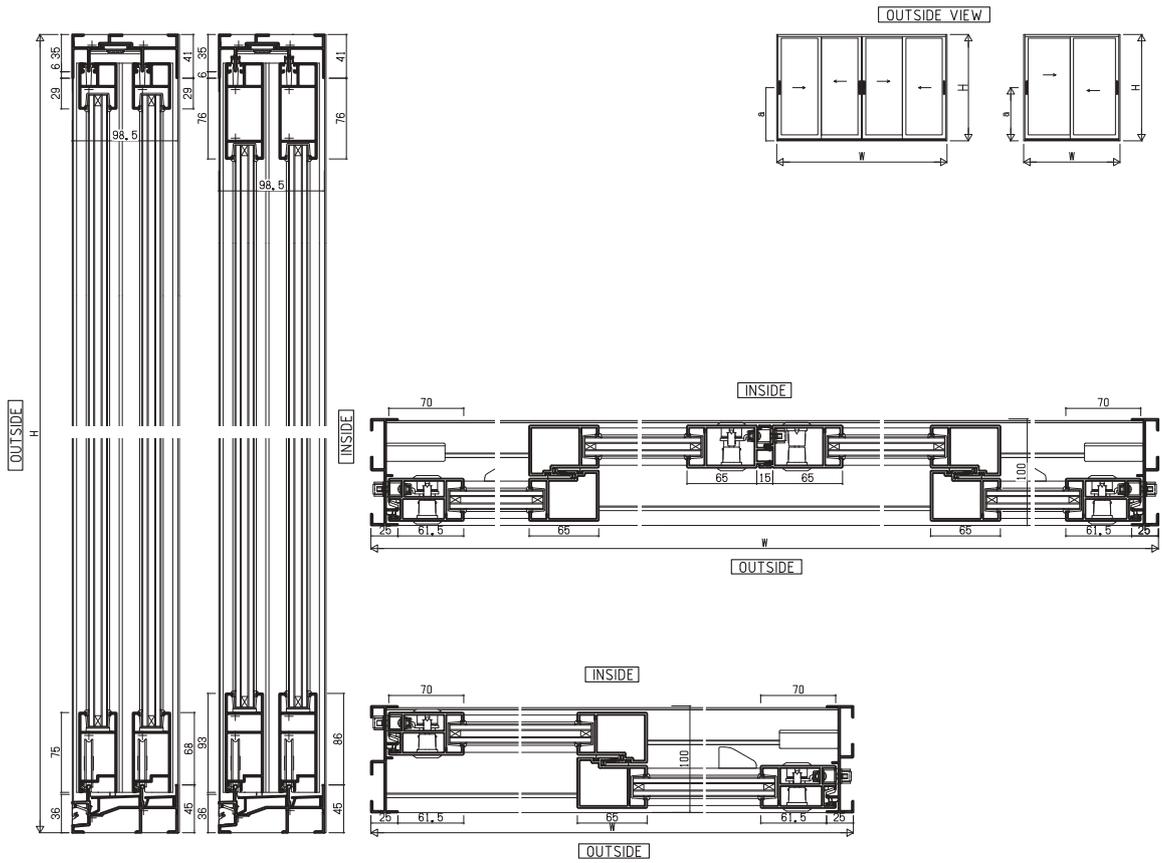
Size limitations may affect the dimensions of the top and bottom rails to maintain optimal structural performance and design consistency, as detailed below

Wind Pressure	Setting of Rail (Top & Bottom Profile)	
Slim	Small	Big
 <p>①→GLASS THK 8mm, 10mm, 6+AG+6 TOP & BOTTOM INNER FRAME WILL BE CHANGE ②→GLASS THK 8mm, 10mm ONLY ③→GLASS THK 10mm ONLY ④→GLASS THK 8mm ONLY</p> <p>※Max. Weight for Glass 250 kg</p>	 <p>9K-96458 9K-94563</p> <p>W ≤ 3800mm</p>	 <p>9K-96459 9K-96426</p> <p>W > 3800mm</p>
2 leaves		
 <p>①→GLASS THK 8mm, 10mm, 6+AG+6 ②→GLASS THK 10mm ③→GLASS THK 8mm</p>	 <p>9K-96458 9K-94563</p> <p>W ≤ 5700mm</p>	 <p>9K-96459 9K-96426</p> <p>W > 5700mm</p>
3 leaves		
 <p>①→GLASS THK 8, 10, 6+AG+6 ②→GLASS THK 10mm ③→GLASS THK 8mm</p>	 <p>9K-96458 9K-94563</p> <p>W ≤ 7600mm</p>	 <p>9K-96459 9K-96426</p> <p>W > 7600mm</p>
4 leaves		
 <p>①→GLASS THK 8mm, 10mm, 6+AG+6 ②→GLASS THK 10mm</p>	 <p>9K-96458 9K-94563</p> <p>W ≤ 11400mm</p>	 <p>9K-96459 9K-96426</p> <p>W > 11400mm</p>
6 leaves		

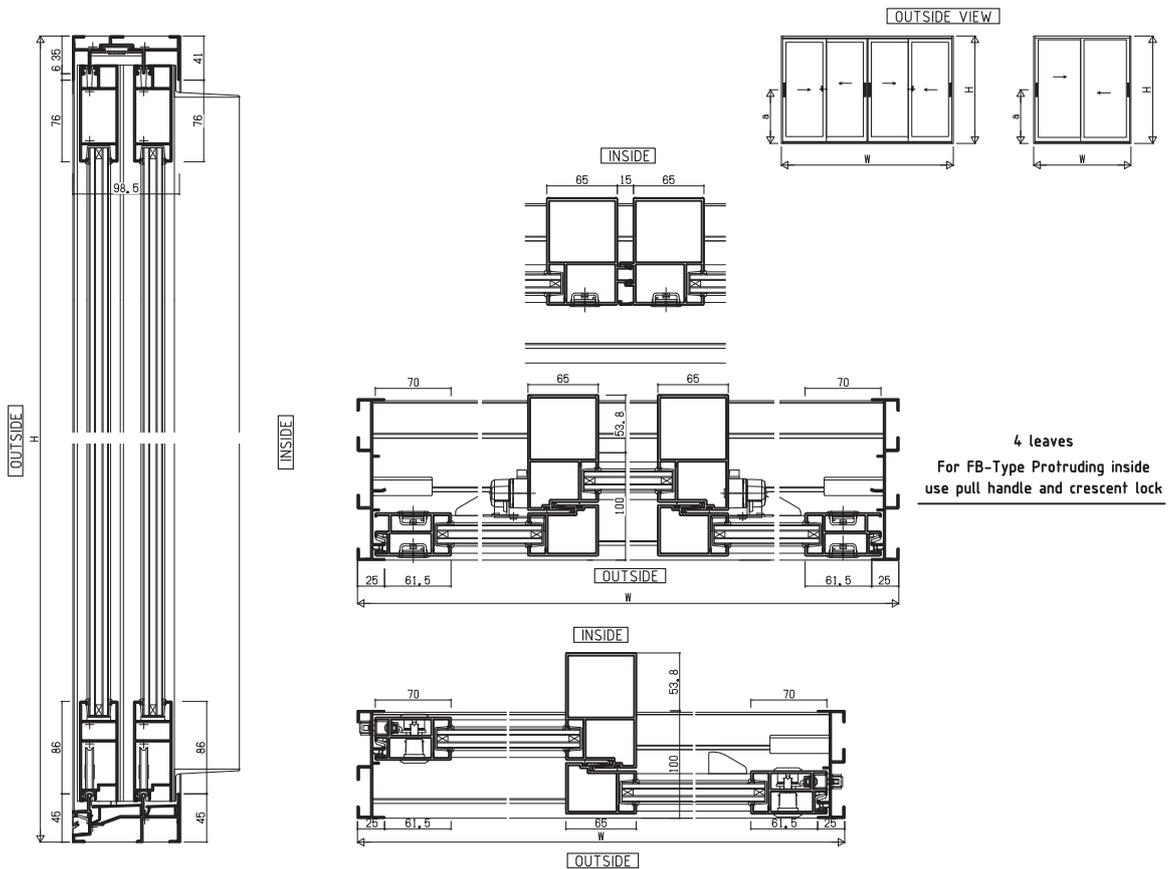
NOTE:
This size limitation does not consider the glass manufacturer maximum size production capability.

FA - Type 2 & 4 Leaves

*Please check P33-34 for size limitation



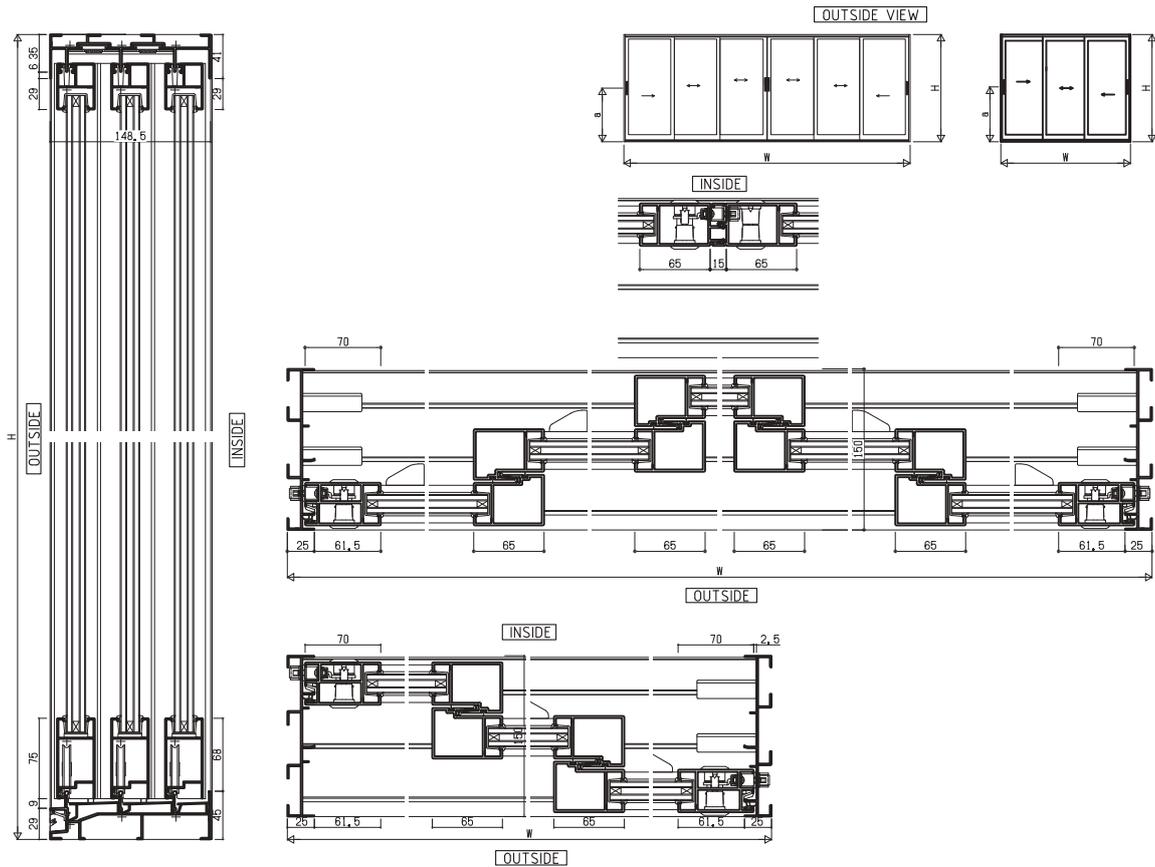
FB - Type 2 & 4 Leaves



WIDE VIEW SLIDING

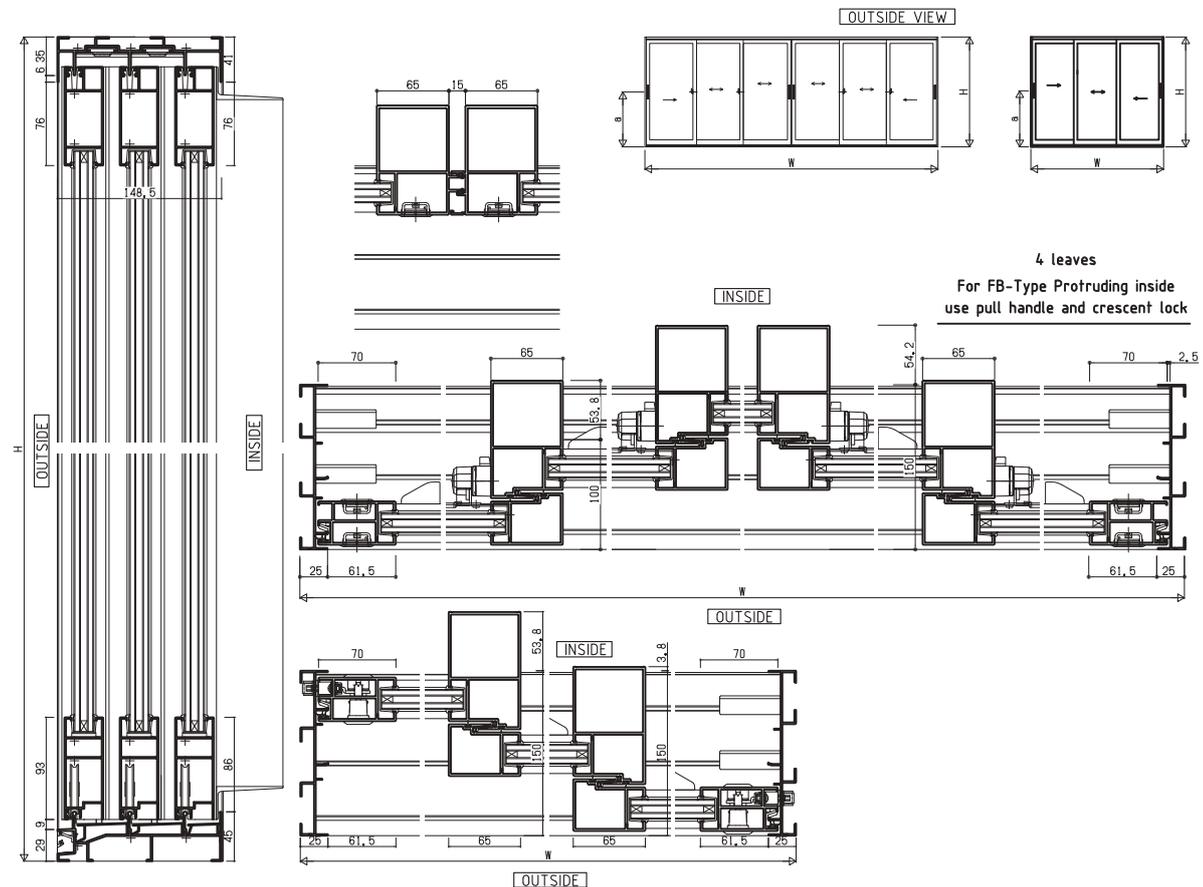
System Drawing & Size Limitation

FA - Type 3 & 6 Leaves



*Please check P33-34 for size limitation

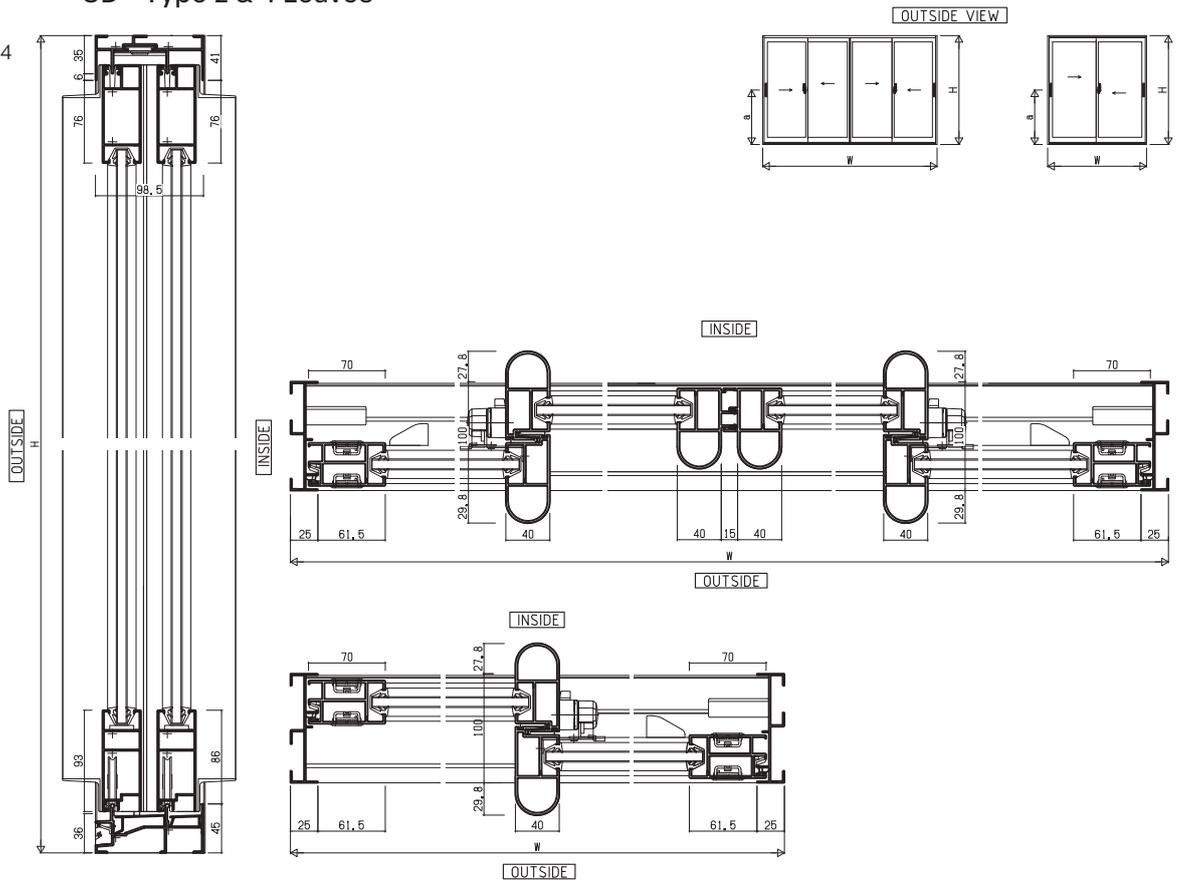
FB - Type 3 & 6 Leaves



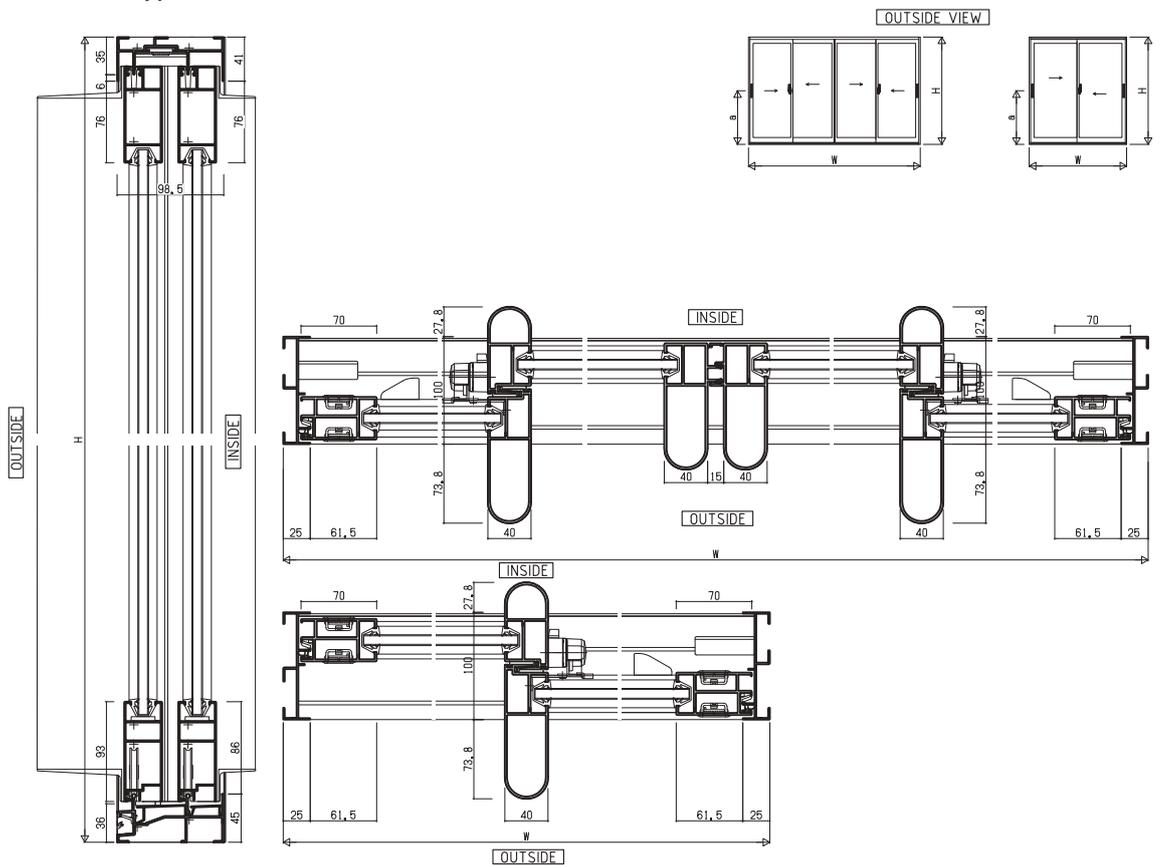
4 leaves
For FB-Type Protruding inside
use pull handle and crescent lock

SD - Type 2 & 4 Leaves

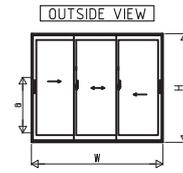
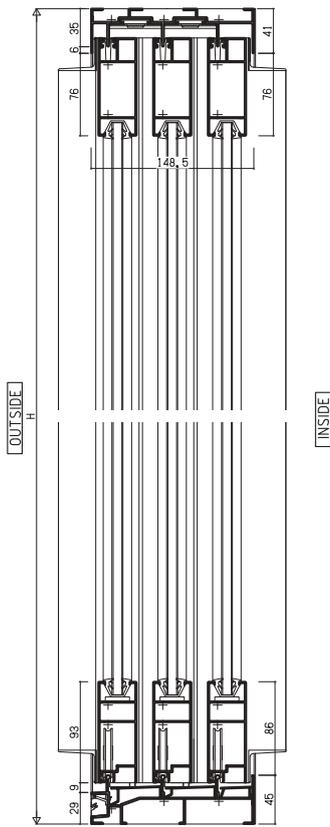
*Please check P33-34 for size limitation



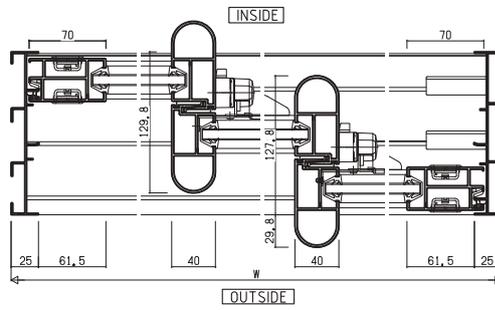
SE - Type 2 & 4 Leaves



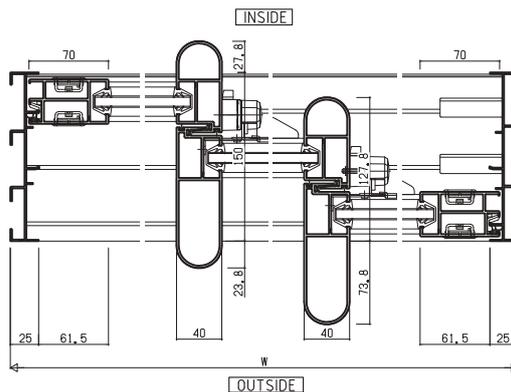
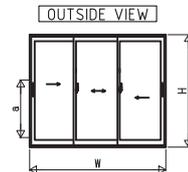
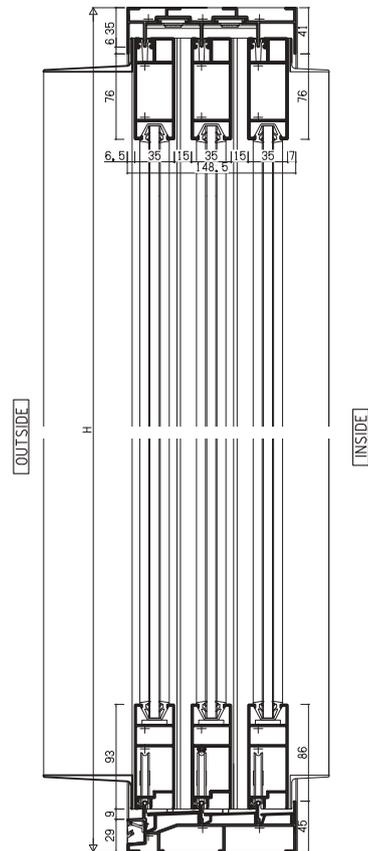
SD - Type 3 Leaves



*Please check P33-34 for size limitation



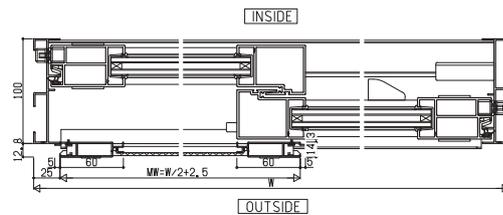
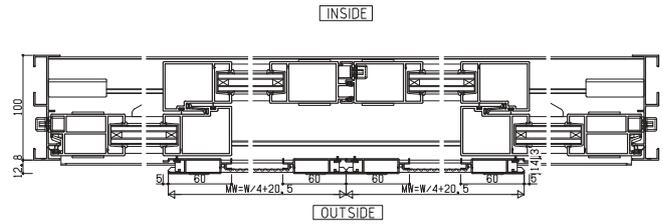
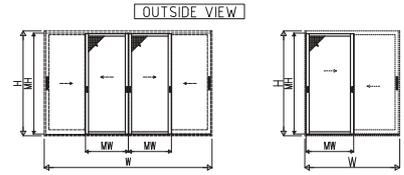
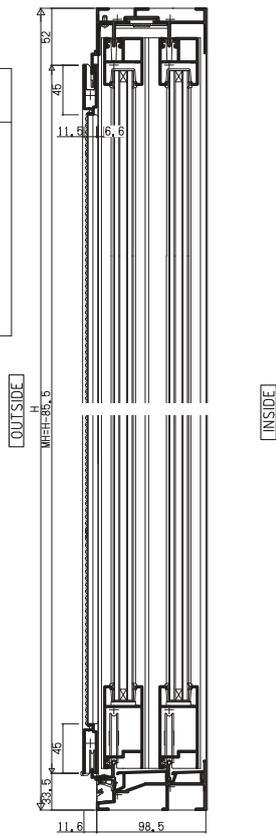
SE - Type 3 Leaves



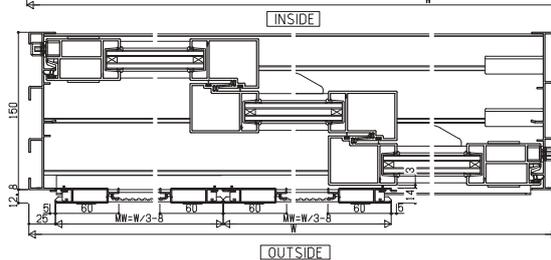
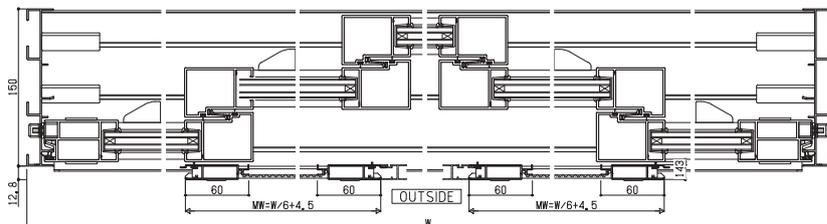
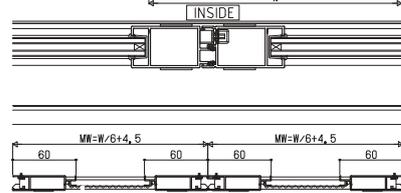
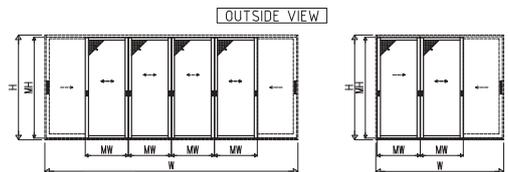
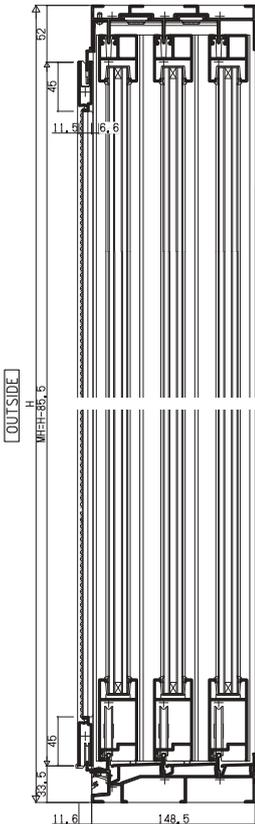
Insect Screen Outside FA,FB - Type 2 & 4 Leaves

Insect Screen Outside

	WIDTH	HEIGHT
2	$302,5 \leq MW \leq 1503$	$314,5 \leq MH \leq 2696$
3	$292 \leq MW \leq 1503$	
4	$320,5 \leq MW \leq 1503$	
6	$304,5 \leq MW \leq 1503$	



Insect Screen Outside FA,FB - Type 3 & 6 Leaves

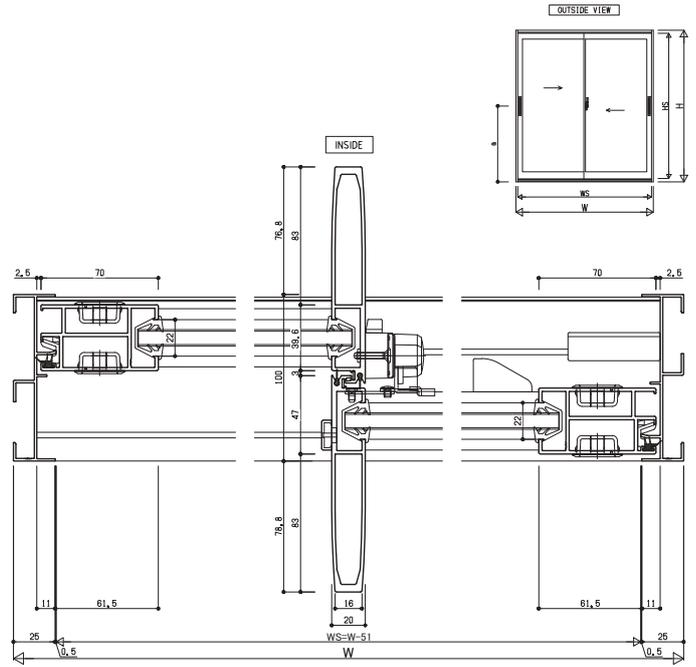
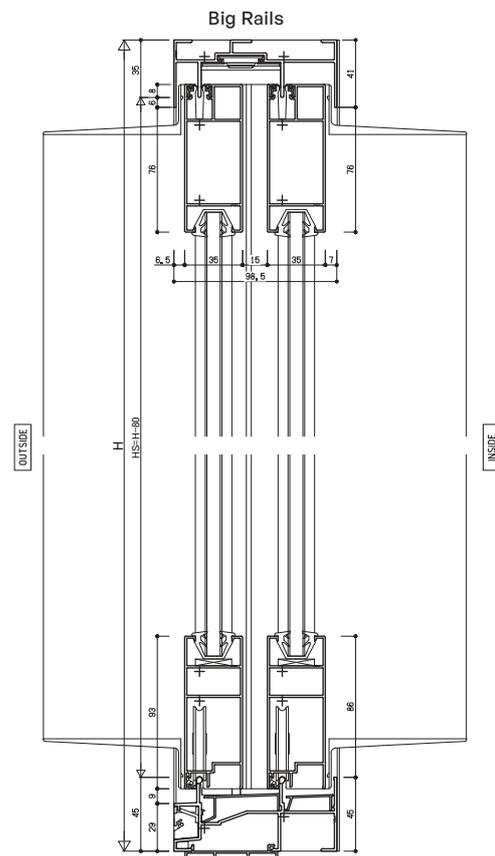
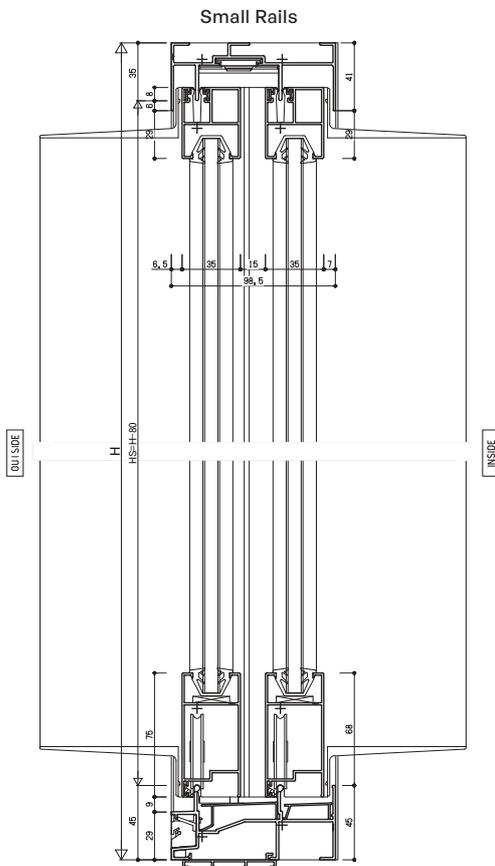


WIDE VIEW SLIDING

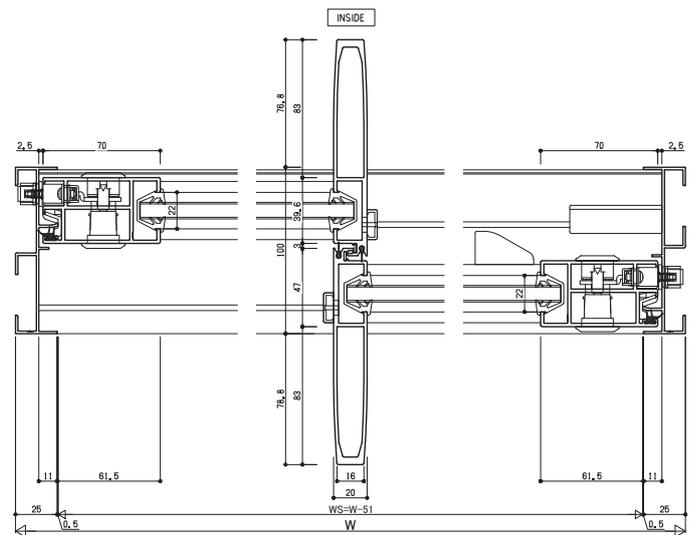
System Drawing & Size Limitation

SS - Type 2 Leaves

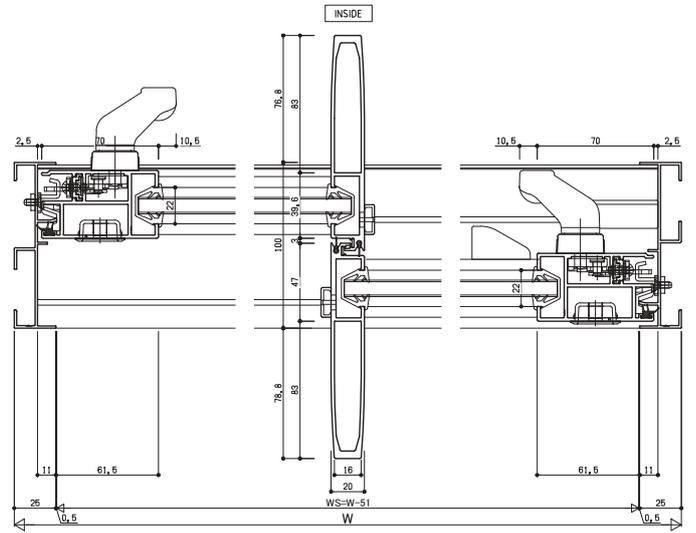
*Please check P33-34
for size limitation



CRESCENT LOCK & PULL HANDLE



HOOK LOCK



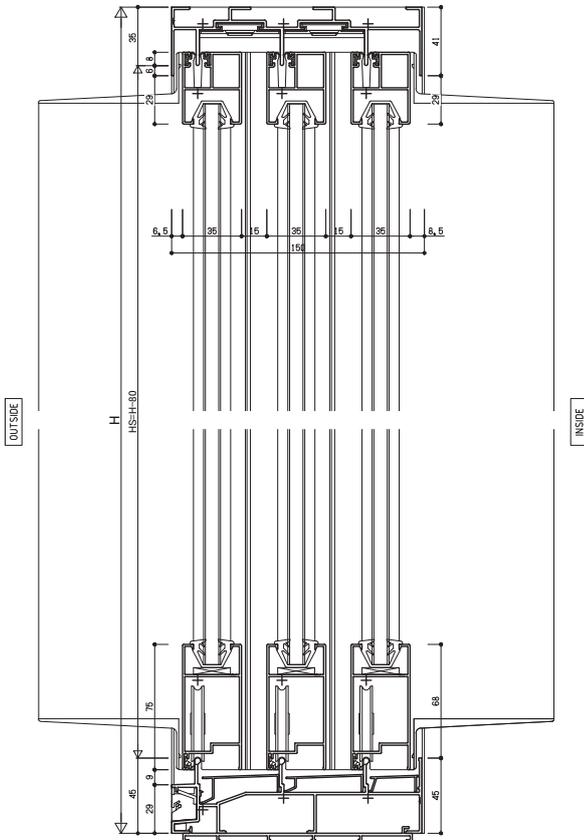
MULTIPOINT LOCK

WIDE VIEW SLIDING

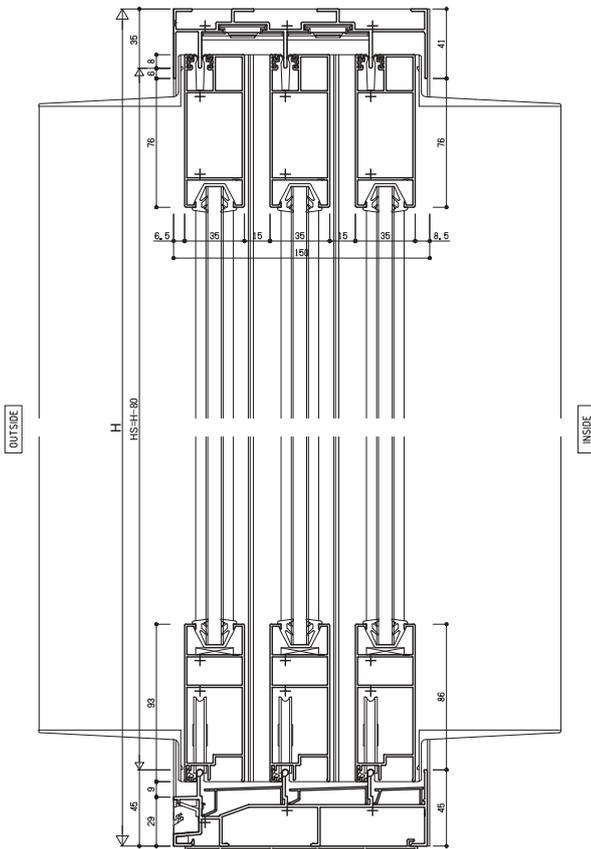
System Drawing & Size Limitation

SS - Type 3 Leaves

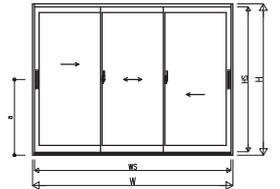
Small Rails



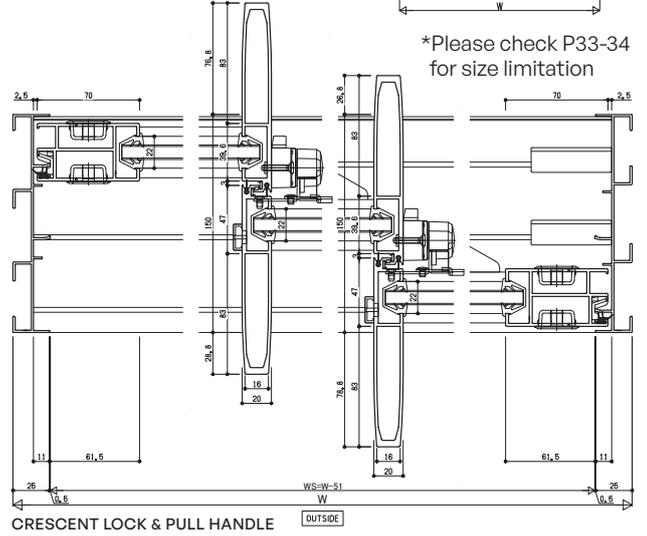
Big Rails



OUTSIDE VIEW

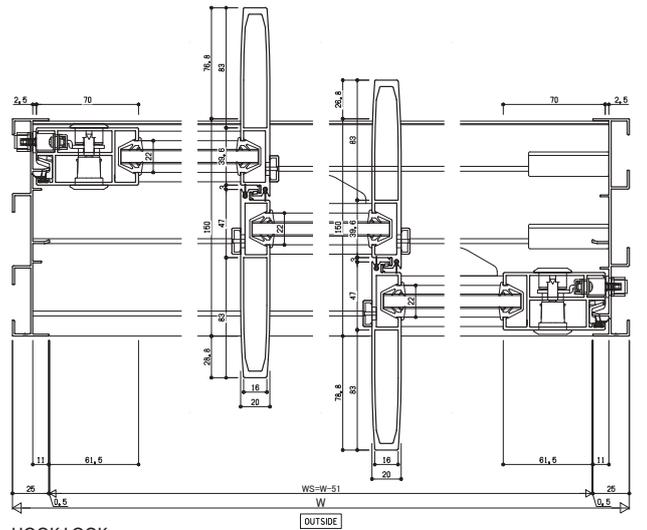


*Please check P33-34 for size limitation



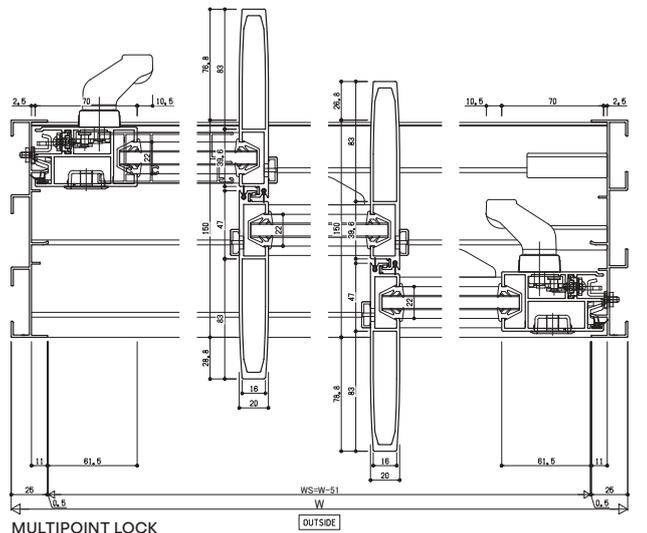
CRESCENT LOCK & PULL HANDLE

INSIDE



HOOK LOCK

INSIDE

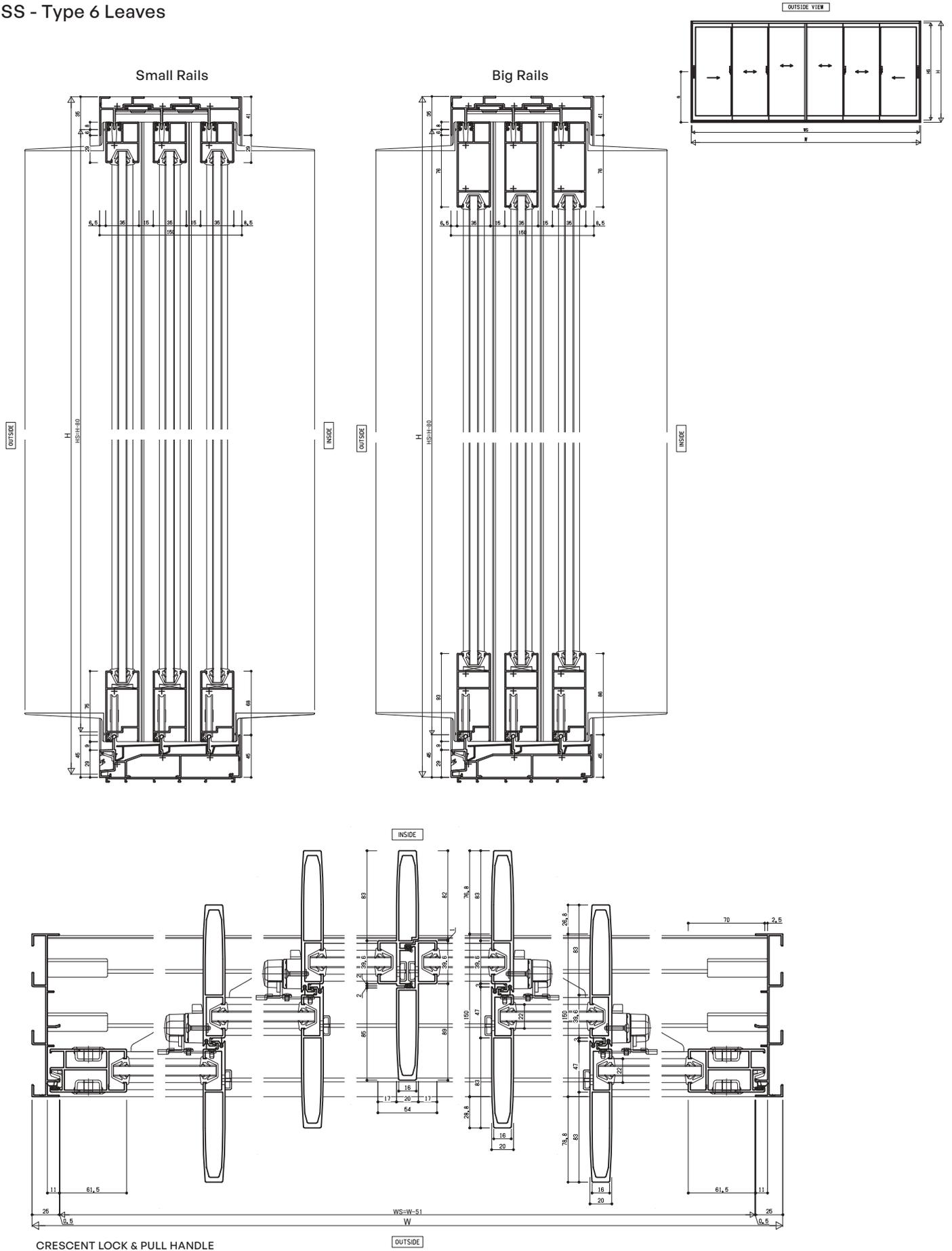


MULTIPOINT LOCK

WIDE VIEW SLIDING

System Drawing & Size Limitation

SS - Type 6 Leaves

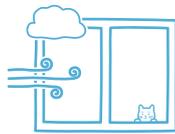


CORNER SLIDING



Sound Insulation

T-1 (-25dB JIS)



Structural (Wind Load)

600 Pa
Deflection L/100

850 Pa
(cliff-edge or high-wind areas)
Deflection L/125



Water Tightness

Square
100 Pa

Round
100 Pa



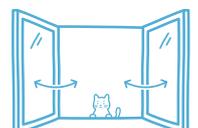
Air Infiltration

Grade A -4 (JIS)



Impact Resistance

30 kg sand bag from
170mm drop Height

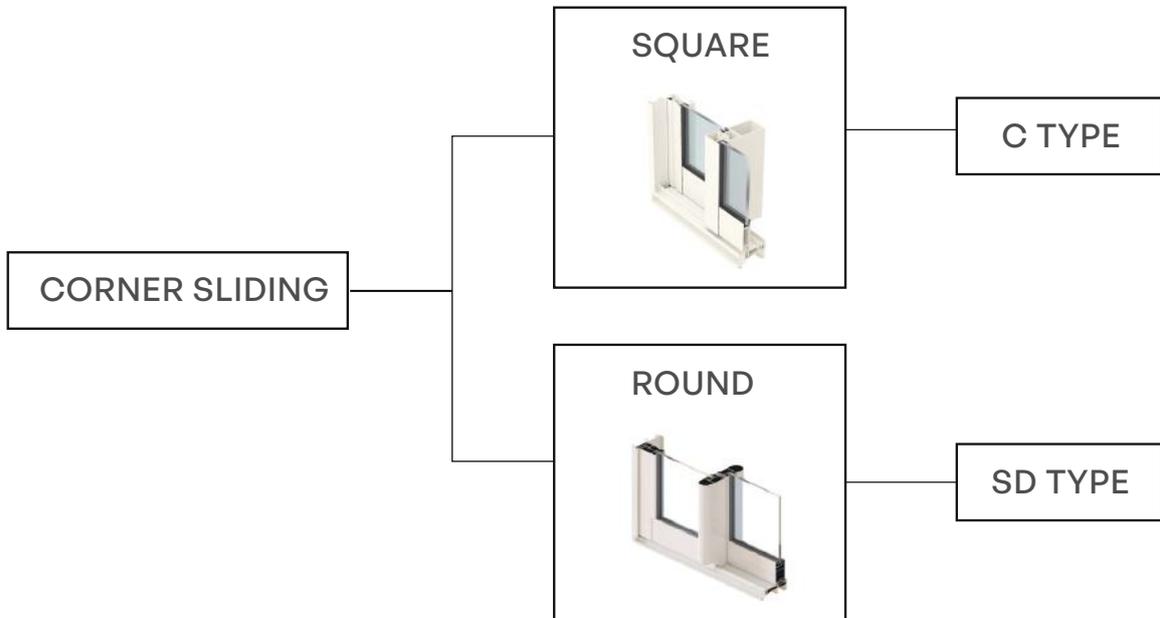


Open-close Test

30,000 cycle

CORNER SLIDING

PRODUCT DIAGRAM



VARIATION OF LEAVES

C & SD Type

Sliding 2-2 Leaves

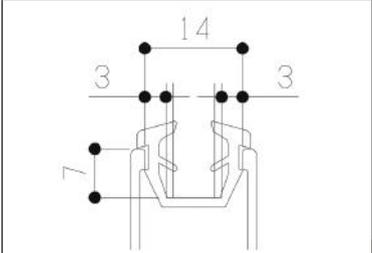
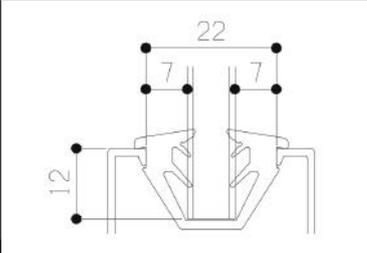


Sliding 3-3 Leaves



CORNER SLIDING

GLASS THICKNESS MATRIX & GASKET MATRIX

		Glass & Gasket Type	
			
Glass Groove		14	22
Glass Thickness		6, 8, 10	8, 10, 6+6A+6
Square Type	C-Type	●	
Round Type	SD-Type		●
Stopper		Outer (Head) & Inner (Top Rail & Bottom Rail)	

● Available

CORNER SLIDING

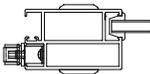
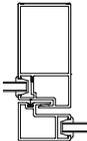
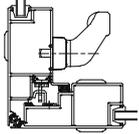
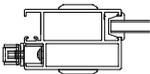
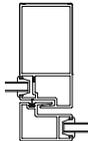
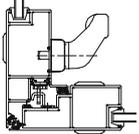
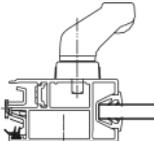
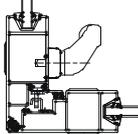
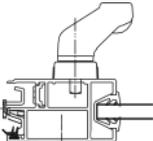
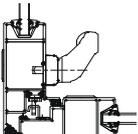
PARTS MATRIX

		Standard		
				
	Item	Multipoint Lock Handle	Hook Lock Thumb Latch	Pull Handle
Square Type	C-Type	●	●	●
Round Type	SD-Type	●		●
Color		YK, D1	DG, YW	DG, YW
Parts Number		7K-11127 7K-11128	9K-11361 9K-11362	9K-11365

● Available

DG=Black, YW=White, YK=Black, D1=White

LOCK VARIATION (C, SD)

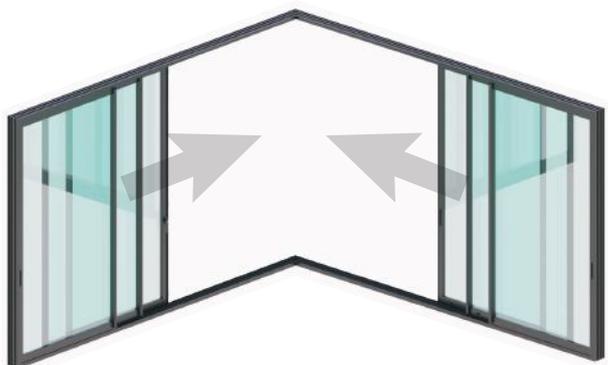
CATEGORY	2-2 LEAF			3-3 LEAF		
	STILE	INTERLOCKING STILE	MEETING STILE	STILE	INTERLOCKING STILE	MEETING STILE
C	Hook Lock 	No Lock 	Multipoint Lock + Pull Handle 	Hook Lock 	No Lock 	Multipoint Lock + Pull Handle 
SD	Multipoint Lock + Pull Handle 	No Lock 	Multipoint Lock + Pull Handle 	Multipoint Lock + Pull Handle 	No Lock 	Multipoint Lock + Pull Handle 

CORNER SLIDING

FEATURES

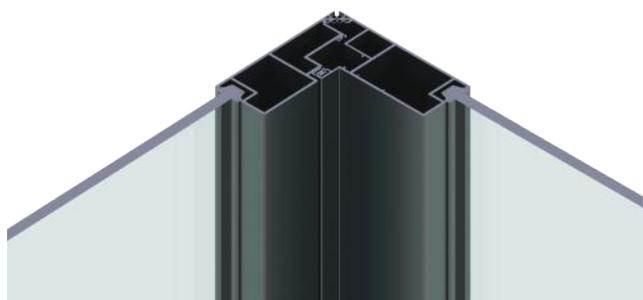
• Precision Open-Close

Flush joint delivers a clean, seamless finish—perfect for window that open and close with quiet precision. Sleek, modern, and built for performance

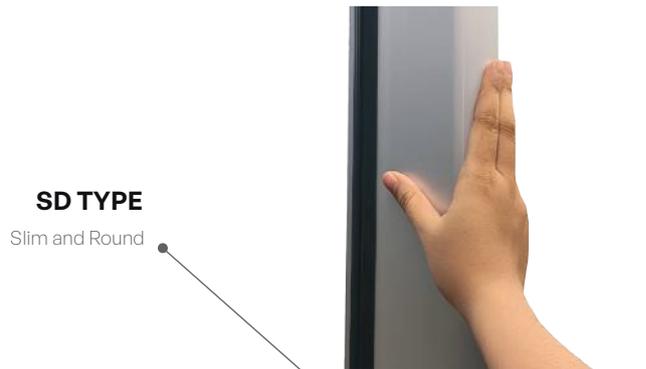


• Sleek Design of Meeting Stile

Its aligned meeting stile and the corner line make it look sharp, while many other brands have misaligned meeting stile and the corner line.



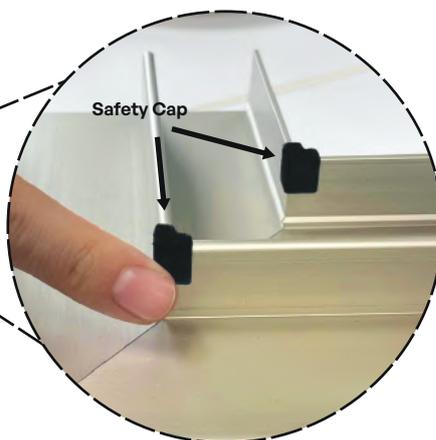
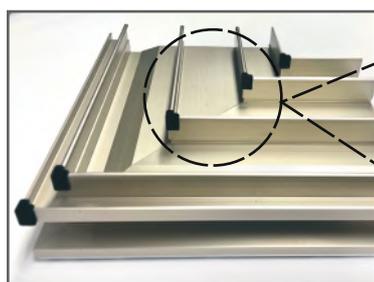
C TYPE
Neat and Simple



SD TYPE
Slim and Round

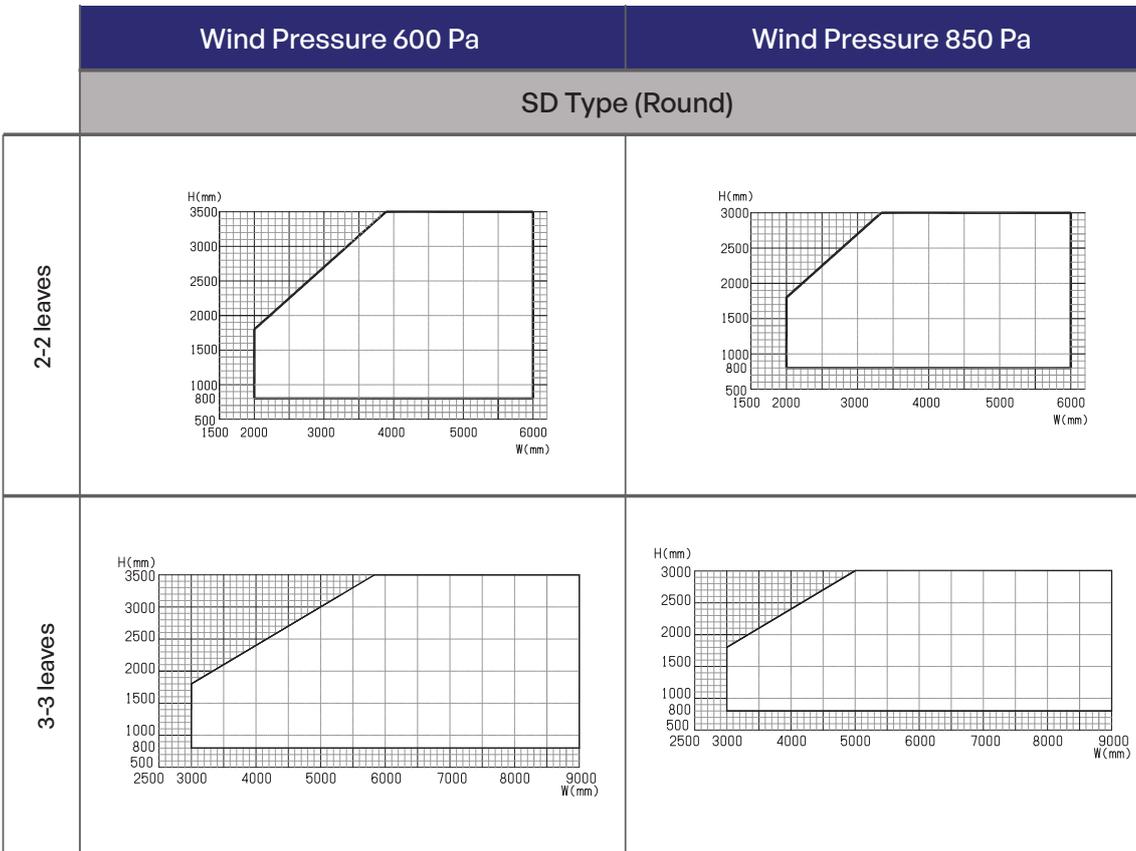
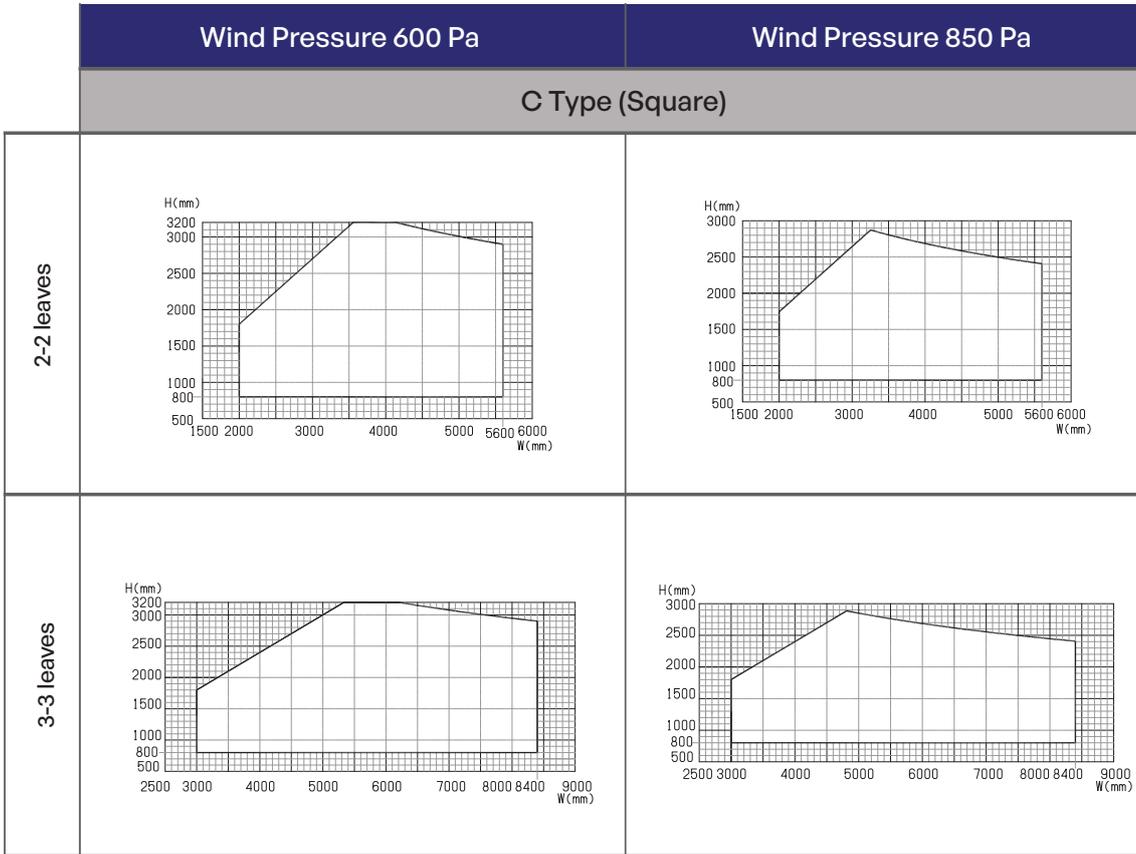
• Safety Cap

To prevent our bodies from injury such as cut, safety caps are attached at the corner edges



CORNER SLIDING

SIZE LIMITATION

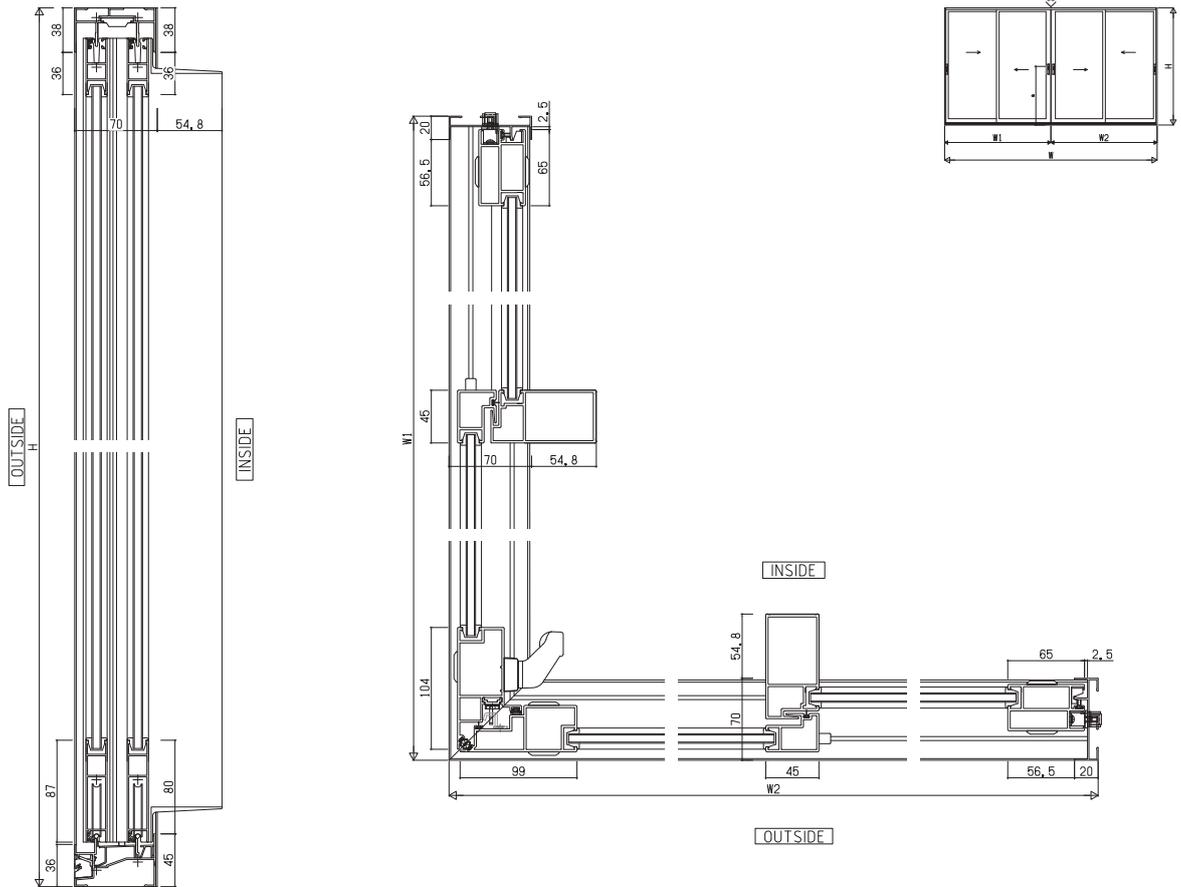


CORNER SLIDING

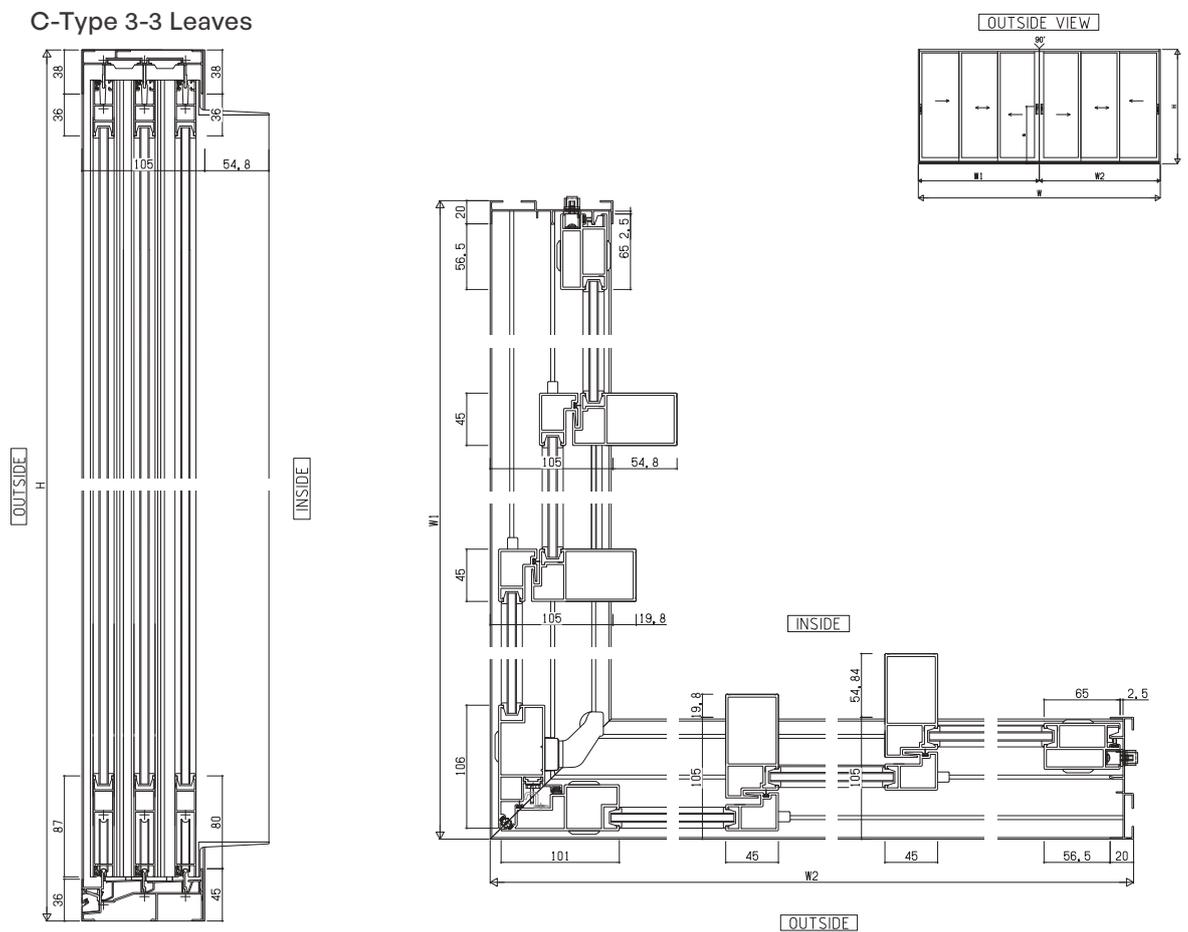
System Drawing & Size Limitation

*Please check P46 for size limitation

C-Type 2-2 Leaves



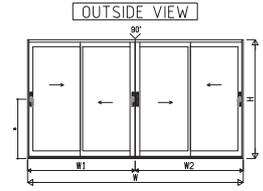
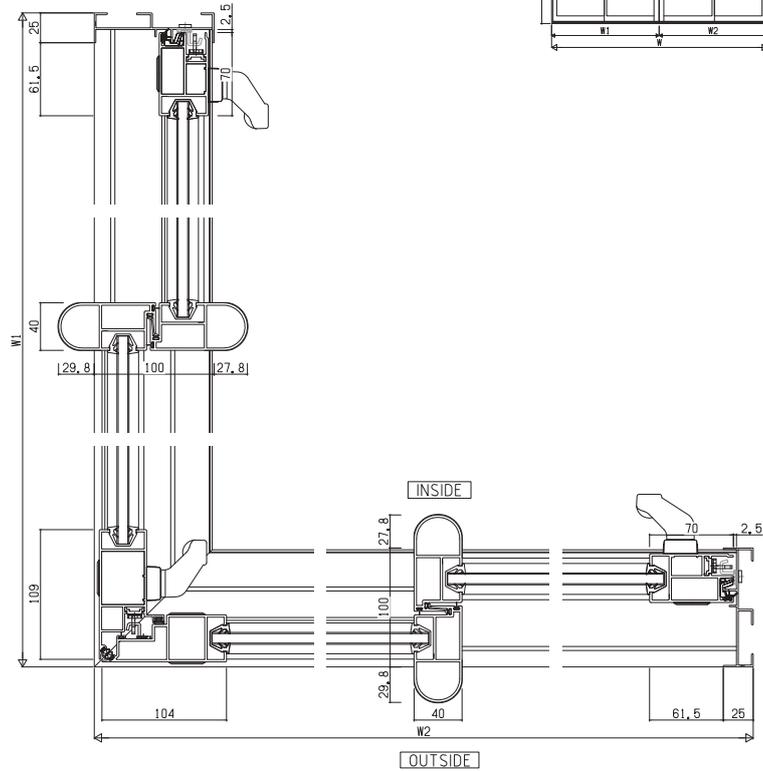
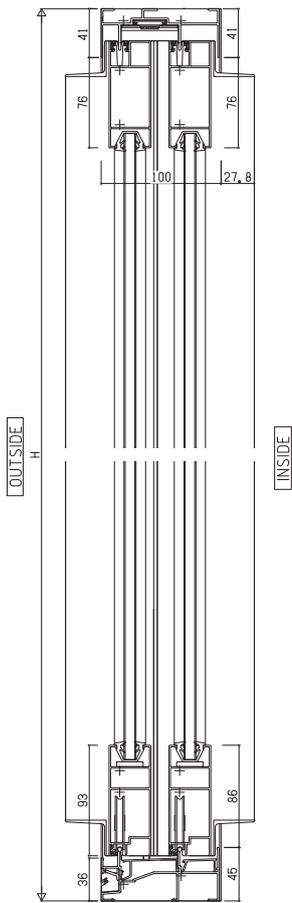
C-Type 3-3 Leaves



CORNER SLIDING

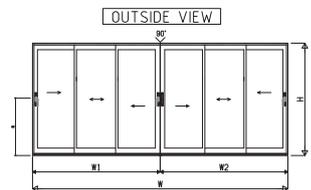
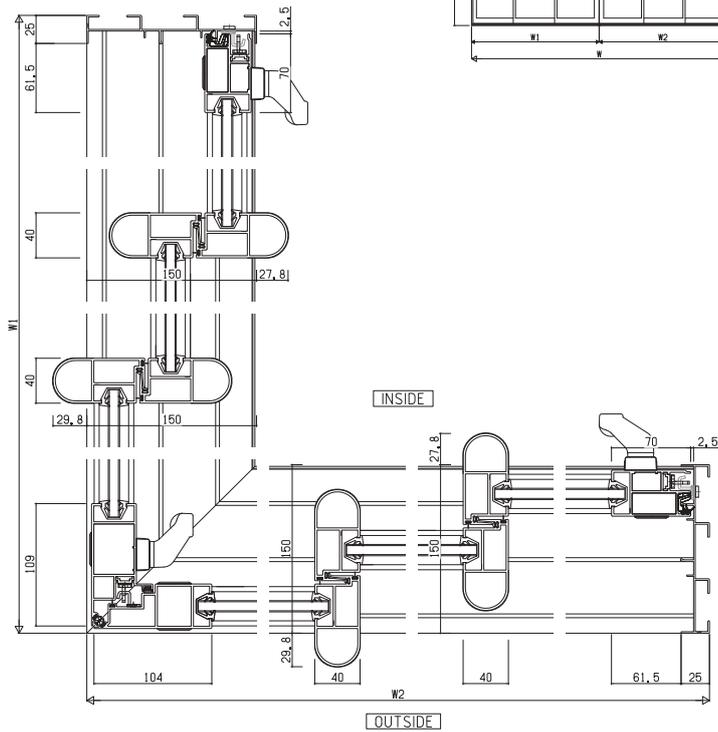
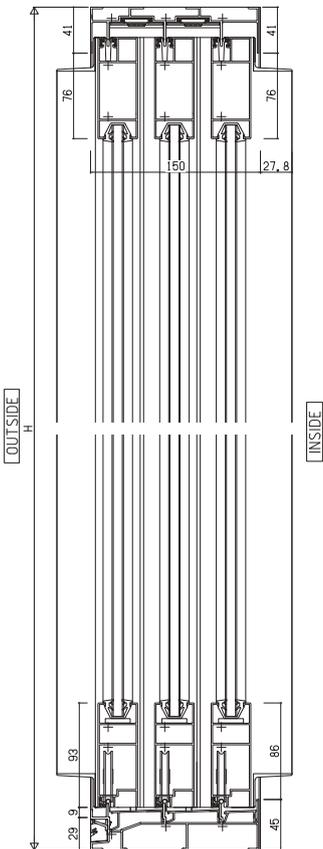
System Drawing & Size Limitation

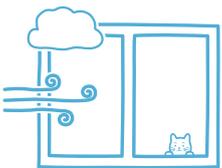
SD-Type 2-2 Leaves



*Please check P46 for size limitation

SD-Type 3-3 Leaves





Structural (Wind Load)

600 Pa
Deflection
L/100



Water Tightness

Square
500 Pa
R-Type
180 Pa



Air Infiltration

Grade A - 4(JIS)



Sound Insulation

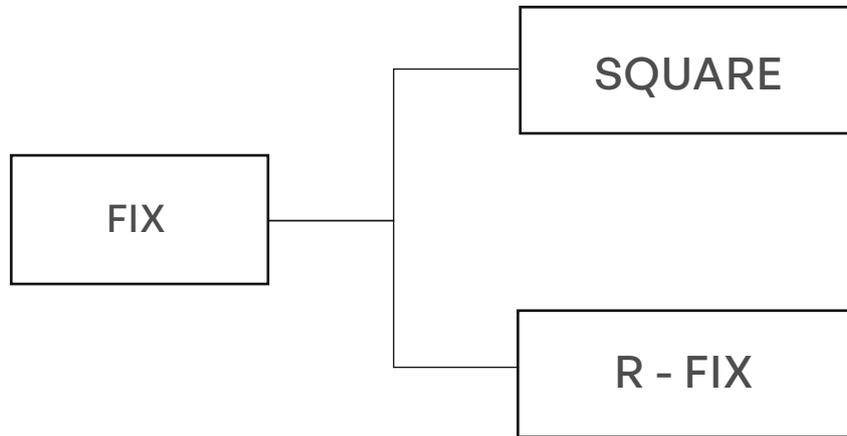
T - 1 (-25 dB)(JIS)
T - 2 (-30 dB)(JIS)
Rw 24 - 30 (ISO)



Double Glazing



PRODUCT DIAGRAM



SQUARE



R - FIX

GLASS THICKNESS MATRIX & GASKET MATRIX

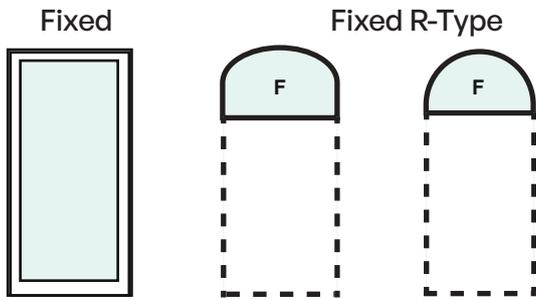
Glass & Gasket Type							
Glass Groove	14				24		
Glass Thickness	5	6	8	10	5+A6+5	6+A6+6	
Square	●	●	●	●	●	●	
R-FIX	●	●	●	●	●	●	
Gasket Number	Out	2K-22277			2K-23422	2K-22277	
	In	9K-20523	2K-22973	2K-22975	3K-27077	2K-22973	2K-22975

● Available

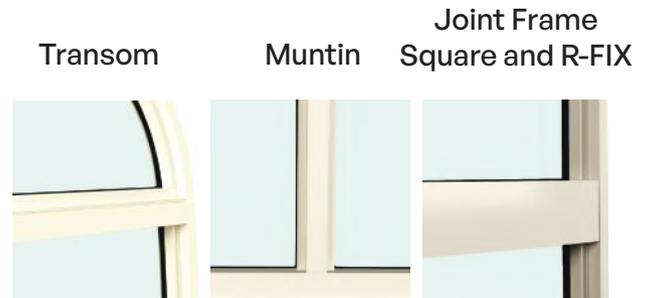
FIX

FEATURES

Variation

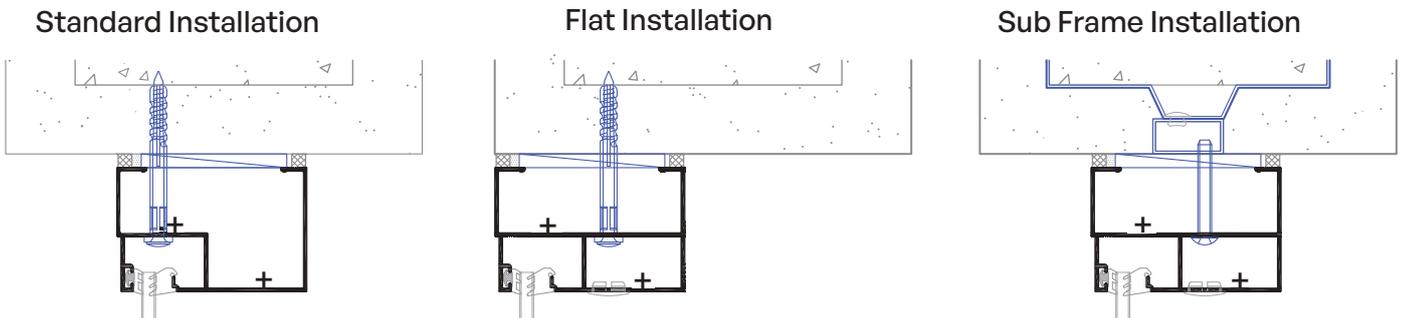


Detail of Profile Combination



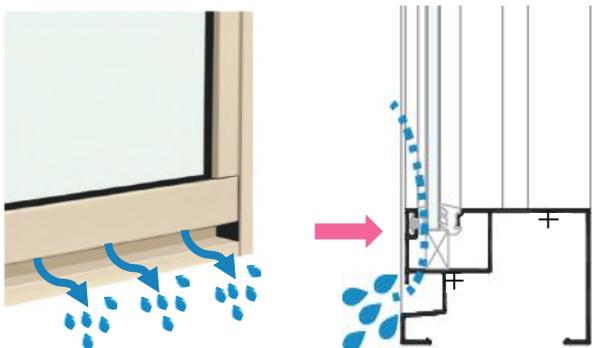
Design

Flat installation and Sub Frame Installation are the methods for the case when the window is installed with exterior wall or install with sub-frame.



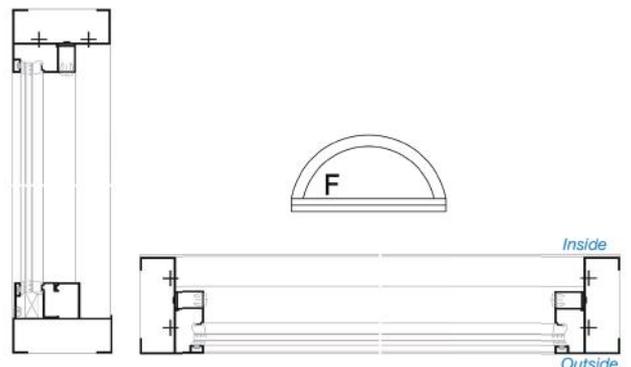
Relief

Isobaric System is adopted as water tightness improvement, and drain valve is no longer required.



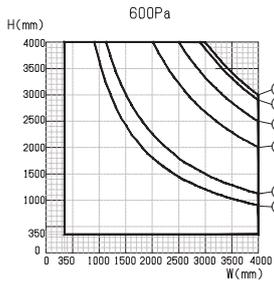
Flat & Round Design

Flat design for simple set-up. Advanced design for better function.

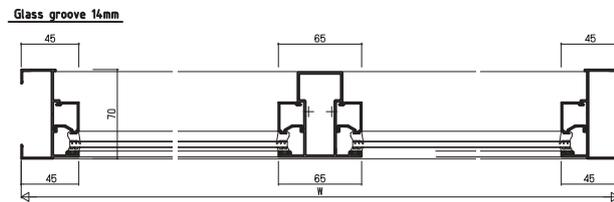
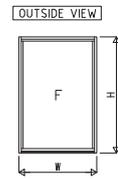
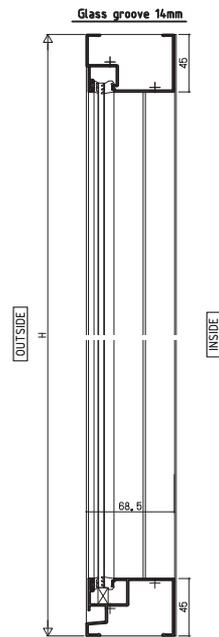


FIX square glass groove 14 mm

FIX square 14 mm

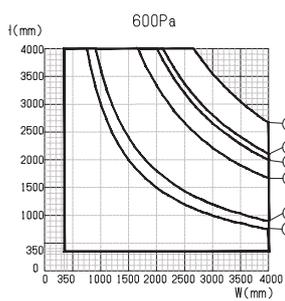


	GLASS	SUPPORT
1	8mmTHK	WITH SILL REINFORCEMENT
2	10mmTHK	WITH SILL REINFORCEMENT
3	8mmTHK	WITH SHIM RECEIVER
4	10mmTHK	WITH SHIM RECEIVER
5	8mmTHK	WITHOUT SUPPORT
6	10mmTHK	WITHOUT SUPPORT

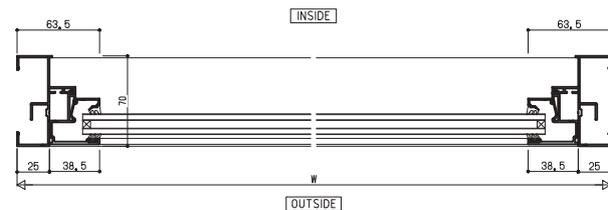
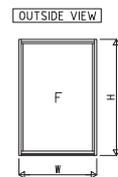
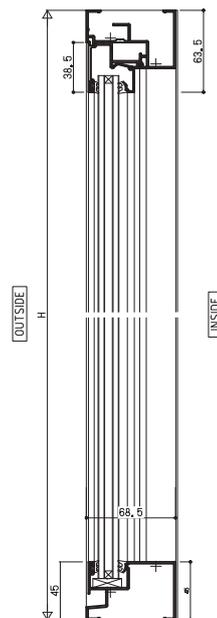


FIX square 24 mm

FIX square glass groove 24 mm

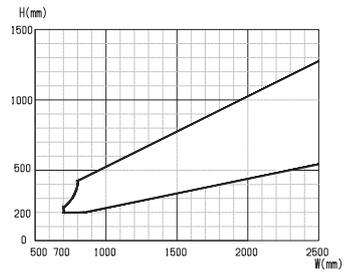
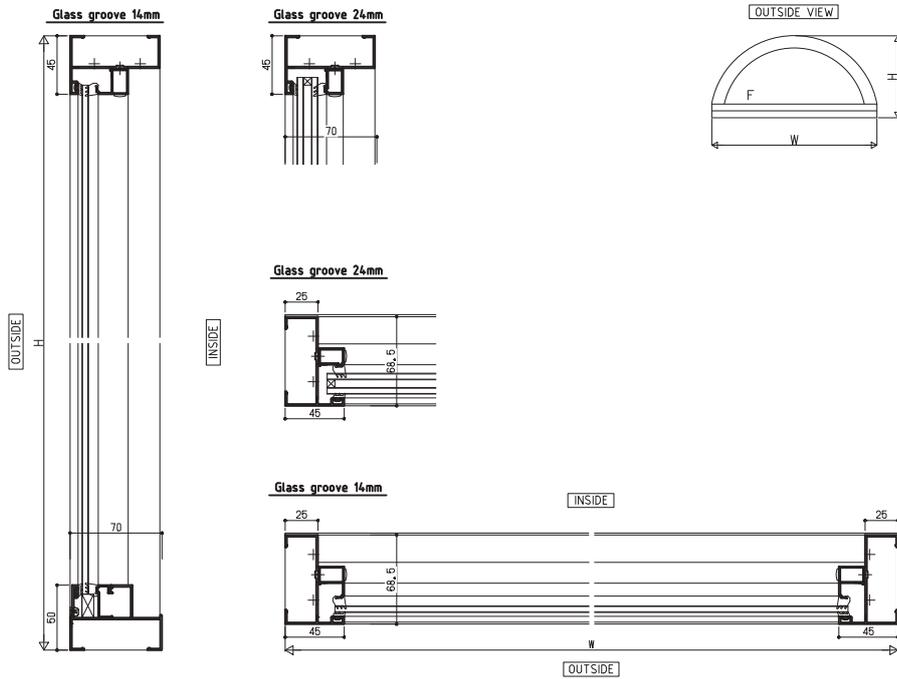


	GLASS	SUPPORT
1	5+A6+5mmTHK	WITH SILL REINFORCEMENT
2	6+A6+6mmTHK	WITH SILL REINFORCEMENT
3	5+A6+5mmTHK	WITH SHIM RECEIVER
4	6+A6+6mmTHK	WITH SHIM RECEIVER
5	5+A6+5mmTHK	WITHOUT SUPPORT
6	6+A6+6mmTHK	WITHOUT SUPPORT



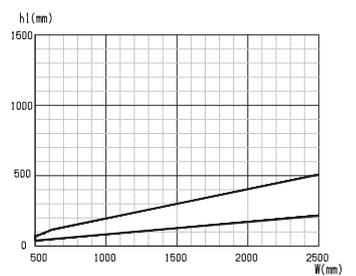
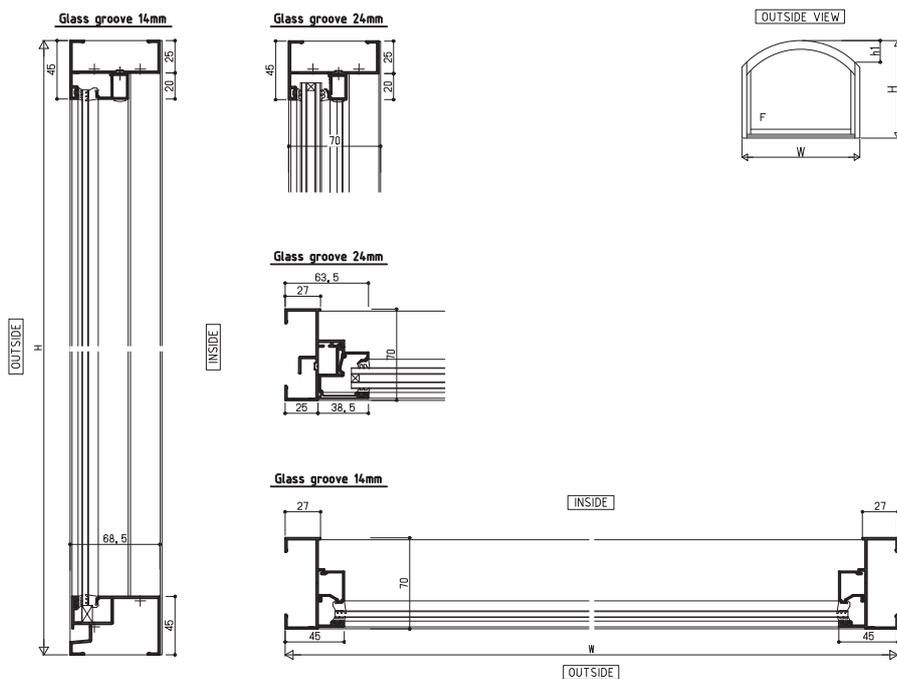
R - FIX (A)

R - FIX (A)

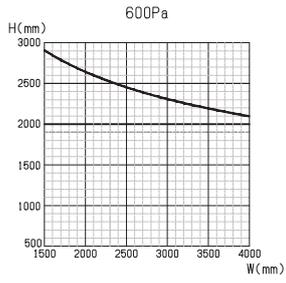


R - FIX (B)

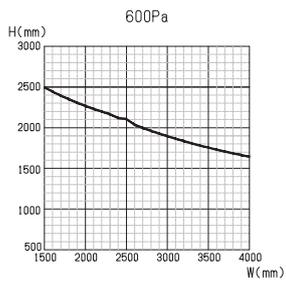
R - FIX (B)



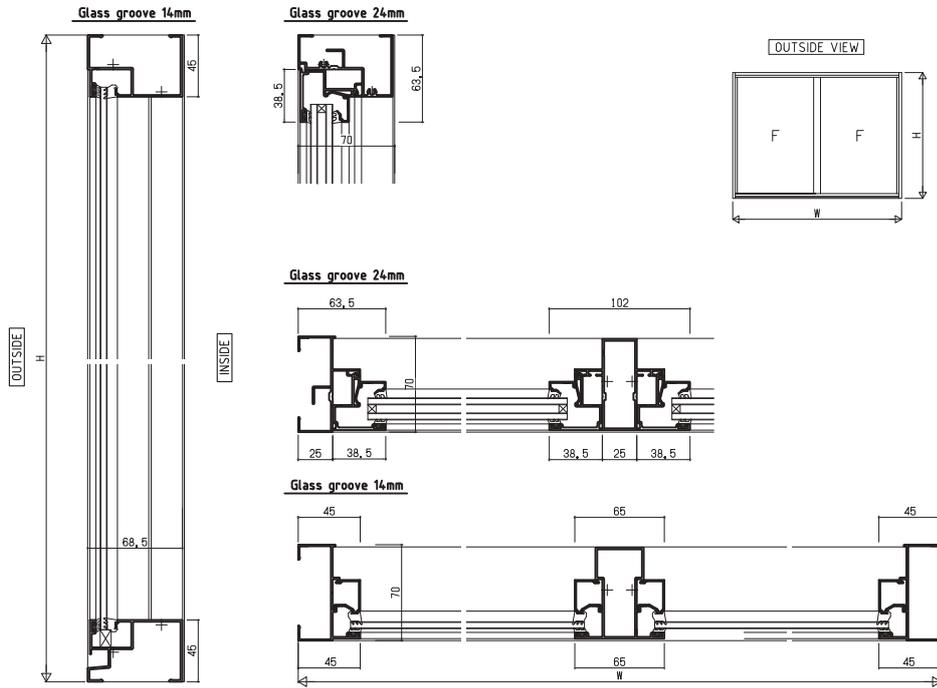
Muntin 14 mm



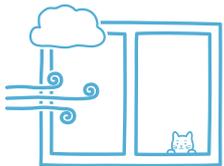
Muntin 24 mm



Fix - Fix with Muntin



TOP HUNG



Structural (Wind Load)

600 Pa
Deflection
L/100



Water Tightness

A,B Type 350 Pa
LS Type 200 Pa



Air Infiltration

Grade A - 4(JIS)



Sound Insulation

T - 1 (-25 dB)(JIS)
T - 2 (-30 dB)(JIS)
Rw 24 - 30 (ISO)

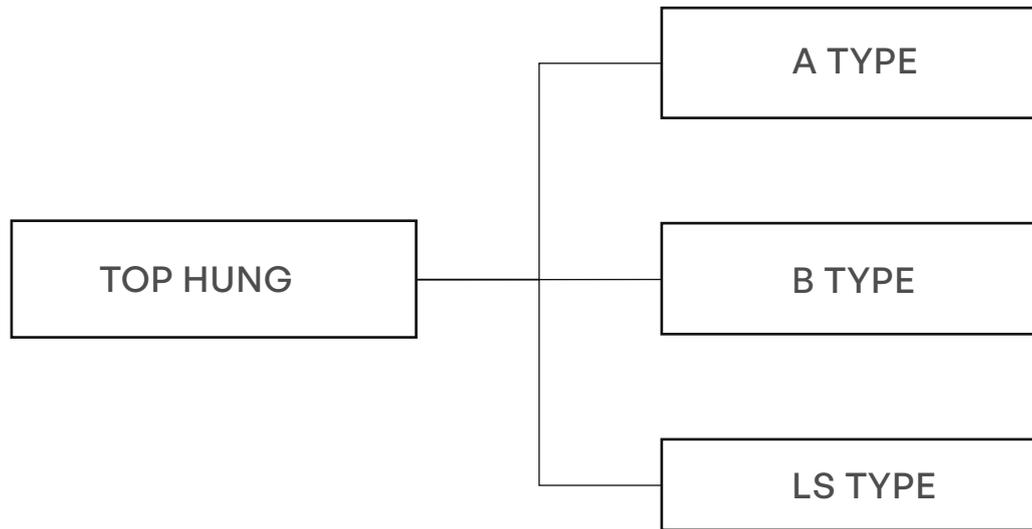


Double Glazing



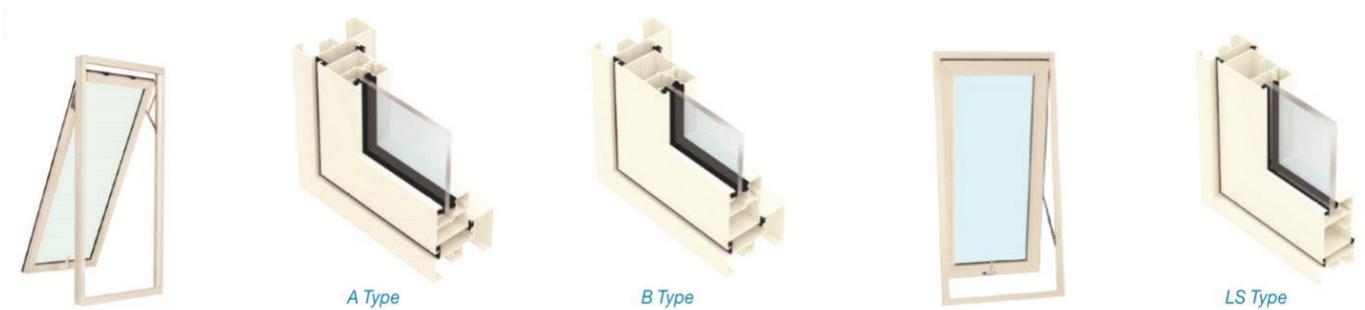
TOP HUNG

PRODUCT DIAGRAM



VARIATION

A, B, LS TYPE



TOP HUNG

GLASS THICKNESS MATRIX & GASKET MATRIX

Glass & Gasket Type																			
Glass Groove		14				18				24				26					
Glass Thickness		5	6	8	10	8	10	5+A6+5		6+A6+6		6+A6+6							
A-Type		●	●	●	●														
B-Type		●	●	●	●			●	●										
LS-Type						●	●					●							
Gasket Number	Out	2K-22277				2K-23422		2K-22277											
	In	9K-20523	2K-22973	2K-22975	3K-27077	Sealant		2K-22973		2K-22975		Sealant							

● Available

TOP HUNG

INSECT SCREEN MATRIX

Insect Screen Type

Screen Type	Vertical Slide
A-Type	●
B-Type	●
LS-Type	

● Available

PARTS MATRIX

	Standard						Optional		
									
Item	CamLatch Handle	Multipoint Handle	Friction Stay	Arm Stopper	6 Step Arm Stopper	Hinge	CamLatch Handle (Metal)	Multipoint Handle (Metal)	6 Step Arm Stopper
A-Type	●		●	●			●		●
B-Type	●	●	●	●			●	●	●
LS-Type		●			●	●		●	
Color	DG, YW	DG, YW	YS	YS	YS	YK, YW	DG, YW	DG, YW	YS
Parts Number	2K-33878	2K-38869 2K-38872	4K-14211 4K-14212 4K-14214 4K-14216	9K-11113	9K-11126	3K-17747	5K-12993	5K-12994	9K-11126

● Available

DG=Black, YW=White, YK=Black, YS=Silver

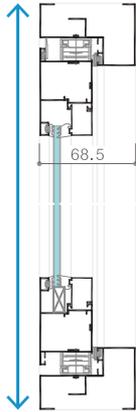
TOP HUNG

FEATURES

Design

• Flat Design

The glass is flat aligned with front side of window.



Operability

• Handle

The window panes can be closed perfectly for your safety.



Multipoint Lock Handle
[70: B Type and 70LS: LS Type]



Cam Latch Handle
[70: A and B Type]

Safety

• Arm Stopper

When the window is open wide, the stopper is set up to prevent the window from flapping in strong wind.



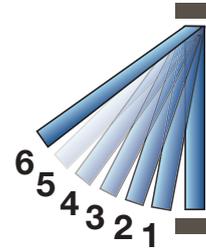
• Friction Stay

Friction stay is set as standard for safety



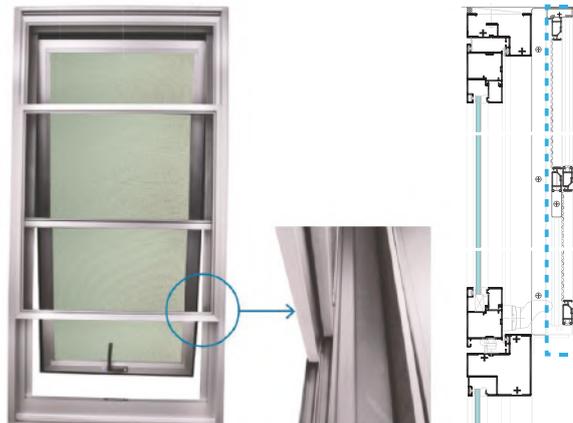
• 6 Step Arm Stopper A & B Type (Option)

Enable to adjust the opening angle 6 levels to control the air flowing.



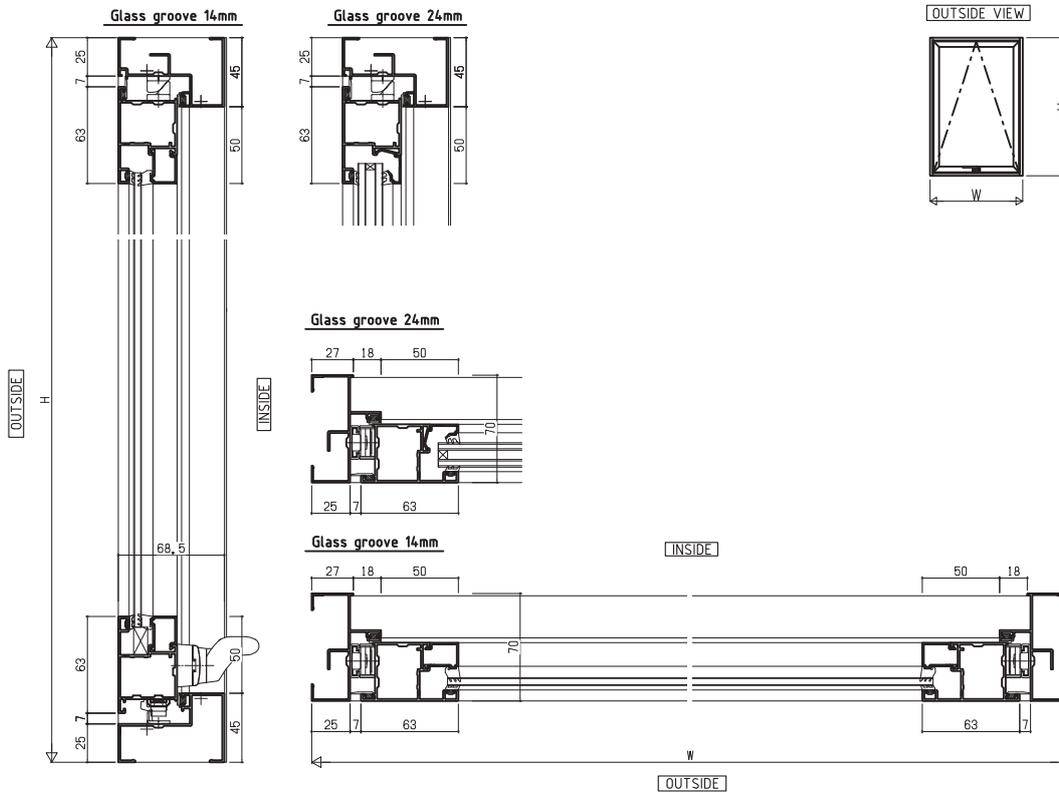
Double Hung (Vertical) Insect Screen

Possible to install Double Hung (Vertical Slide) Insect Screen to get both air ventilation and insect prevention. Installation works either way directly to wall or at the sash frame.

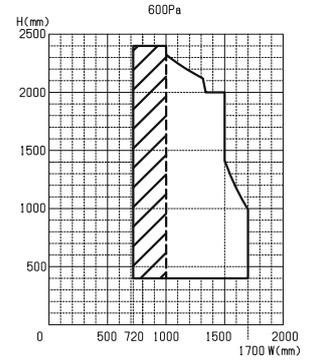


This insect screen can also be use for Casement

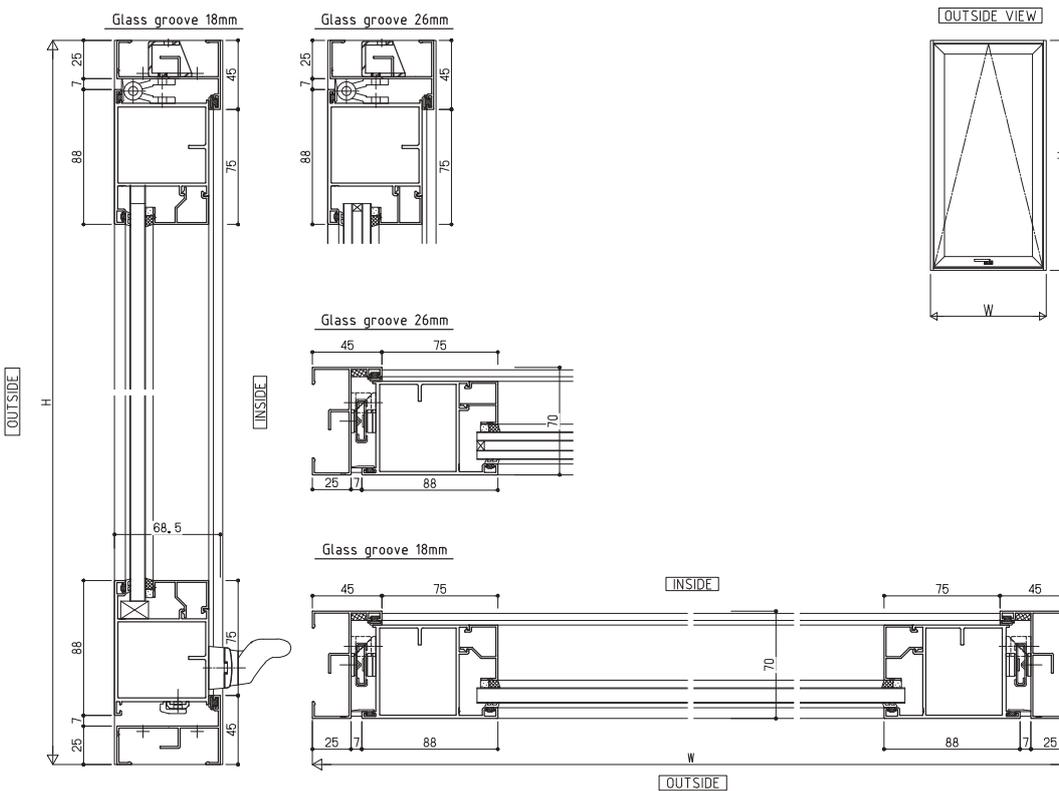
B - Type Multipoint



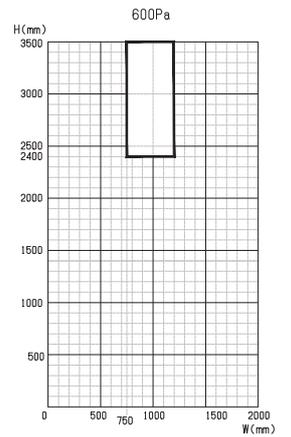
B Type - Multipoint



LS - Type



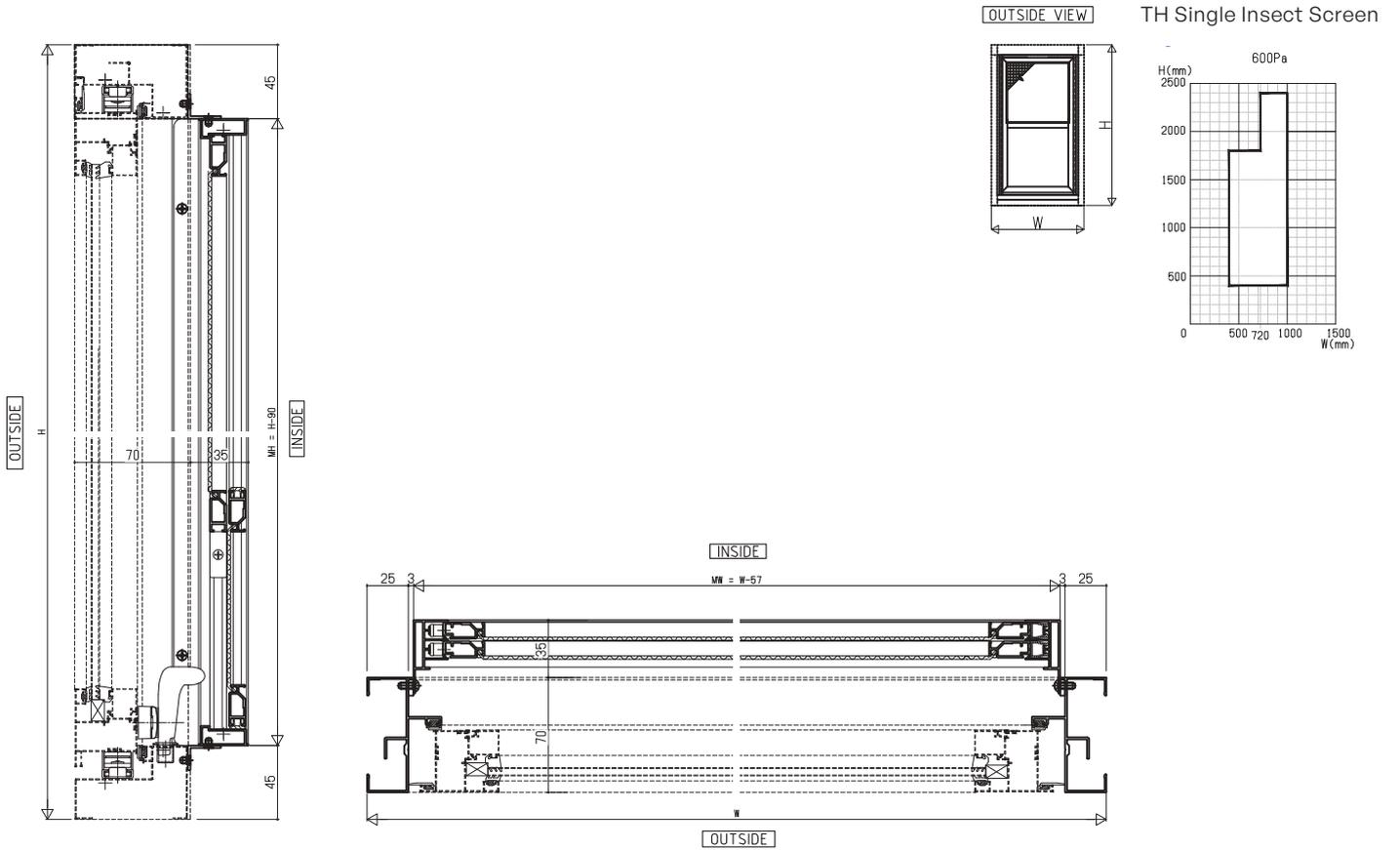
LS - Type



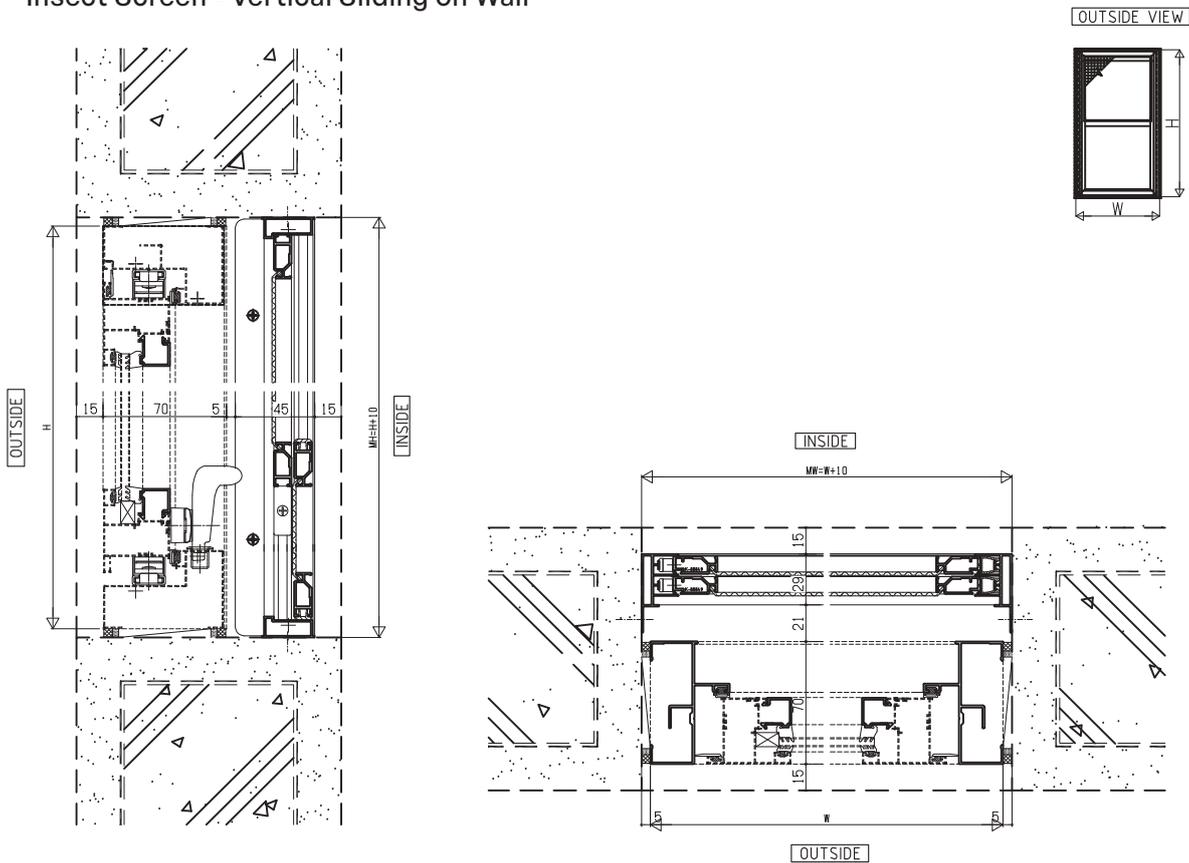
TOP HUNG

System Drawing & Size Limitation Insect Screen (Optional)

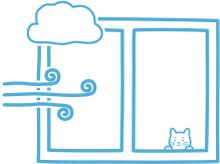
Insect Screen - Vertical Sliding on Frame



Insect Screen - Vertical Sliding on Wall



HIGH VENTILATION WINDOW



Structural (Wind Load)

600 Pa
Deflection
L/100



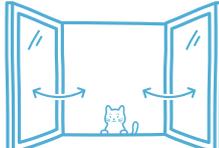
Water Tightness

75 Pa



Air Infiltration

Grade A - 4(JIS)



Open-close Test

30,000 cycle
depends on item

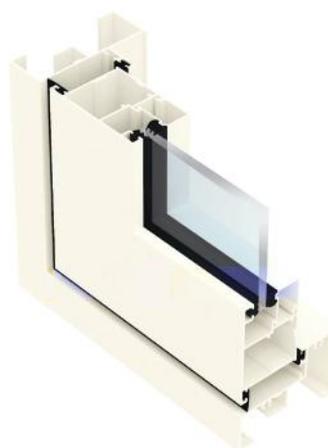
HIGH VENTILATION WINDOW

PRODUCT DIAGRAM



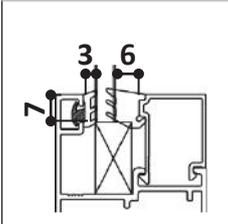
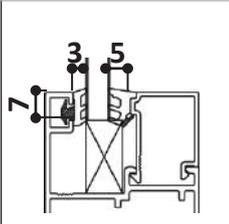
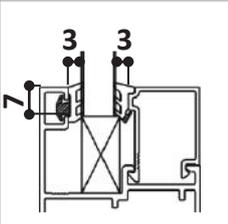
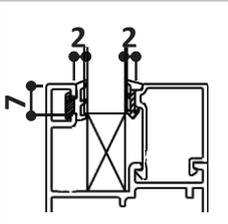
VARIATION

A TYPE ONLY



HIGH VENTILATION WINDOW

GLASS THICKNESS MATRIX & GASKET MATRIX

		Glass & Gasket Type			
					
Glass Groove		14			
Glass Thickness		5	6	8	10
A-Type		●	●	●	●
Gasket Number	Out	2K-22277			2K-23422
	In	9K-20523	2K-22973	2K-22975	3K-27077

● Available

HIGH VENTILATION WINDOW

INSECT SCREEN MATRIX

Insect Screen Type	
Screen Type	Fix
A-Type	●

● Available

PARTS MATRIX

Standard		
		
Item	Loopless	Manual Operator Handle
A-Type	●	●
Color	DG, YW	DG, YW
Parts Number	9K-11150	9K-11151

● Available

DG=Black, YW=White

HIGH VENTILATION WINDOW

ENHANCE VENTILATION, CREATE WELLNESS AT YOUR HOME

Through YKK AP's research and development, we ensure that the high ventilation window provides optimum benefits to our customer. The operable window at high position can increase the ventilation performance by up to three times higher if compared with non-operable one.



Air Change Rate³ 0.37 times/hour



The airflow moving slowly, even almost not moving at all



Less air changing makes the room air saturated, cannot push viruses and bacteria away from the room.

Air Change Rate³ 1.66 times/hour ▲ 345%

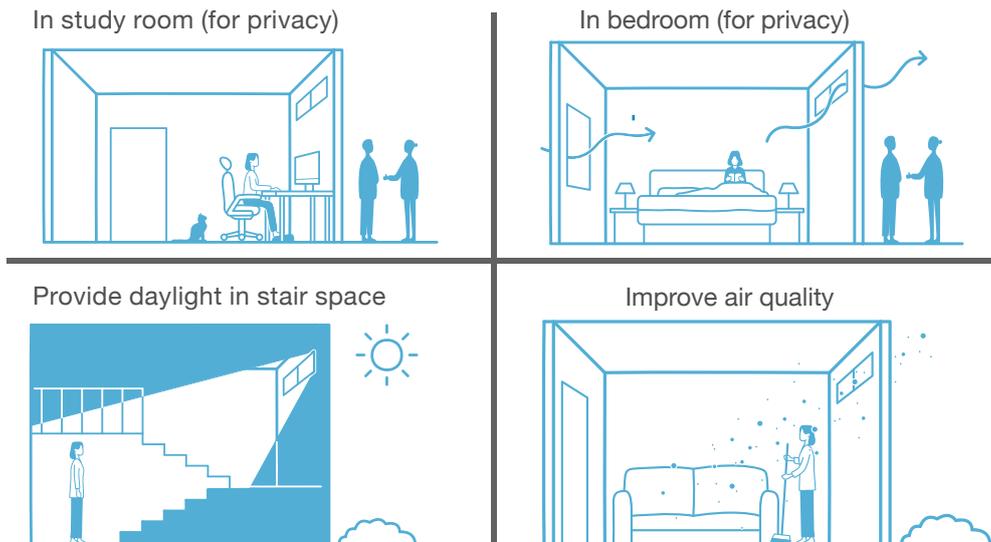


Faster airflow helps to cool the indoor space as well as the occupants, thus improves the thermal comfort.



The increased air change rate bringing more air fresh inside and push away pollutants and dirty air from the room

VARIOUS APPLICATIONS OF HIGH VENTILATION WINDOW IN YOUR BUILDING



※ notes :

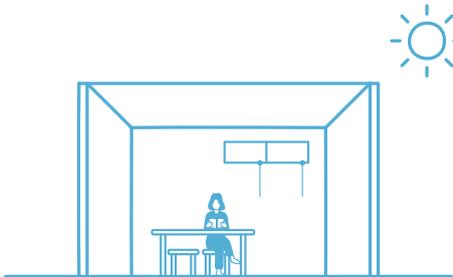
1. The performance verification for NEXSTA High Ventilation Window was supported by YKK AP R&D Center (Indonesia).
2. Outdoor wind speed of 2 m/s represents the average wind speed during the daytime in most cities in Indonesia.
3. Air change rate or ventilation rate, is a measure of the number of air changes that occur within one hour in a room.

HIGH VENTILATION WINDOW

EASIER TO OPERATE AND SAFER FOR YOUR LOVABLE ONES WITH OUR SPECIAL PARTS

PRODUCT VARIATION :

I. Loopless Chain Type



The high position window makes your room more spacious and brighter.

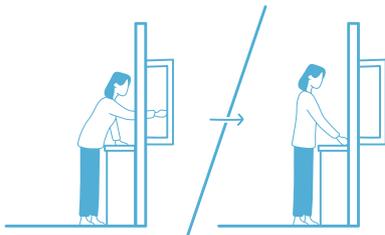


A common high-position window is difficult to open or close due to its unreachable position. The loopless chain system provides easier and safer window operation



Adjustable wire length up to 3.5m

II. Operator Handle Type



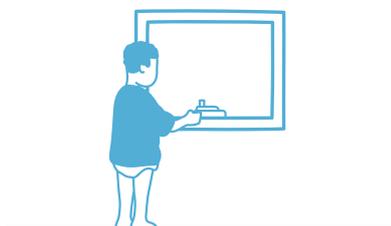
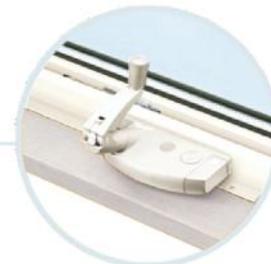
Easy And Safe

Even in the hard to reach places the operation is easy



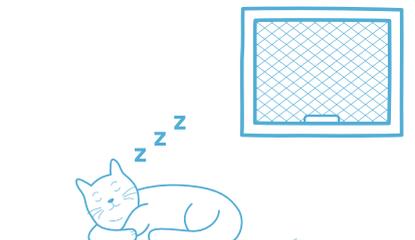
Easy to Operate

The direction of rotation differs depending on the opening



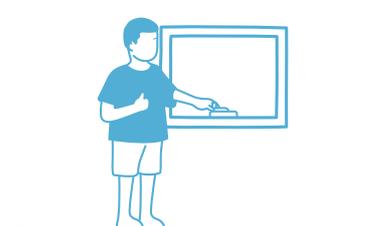
Save For Kids

It is safe for children, no helper needed



Free From Insect (Optional)

The window can be opened and closed without opening the attached insect screen

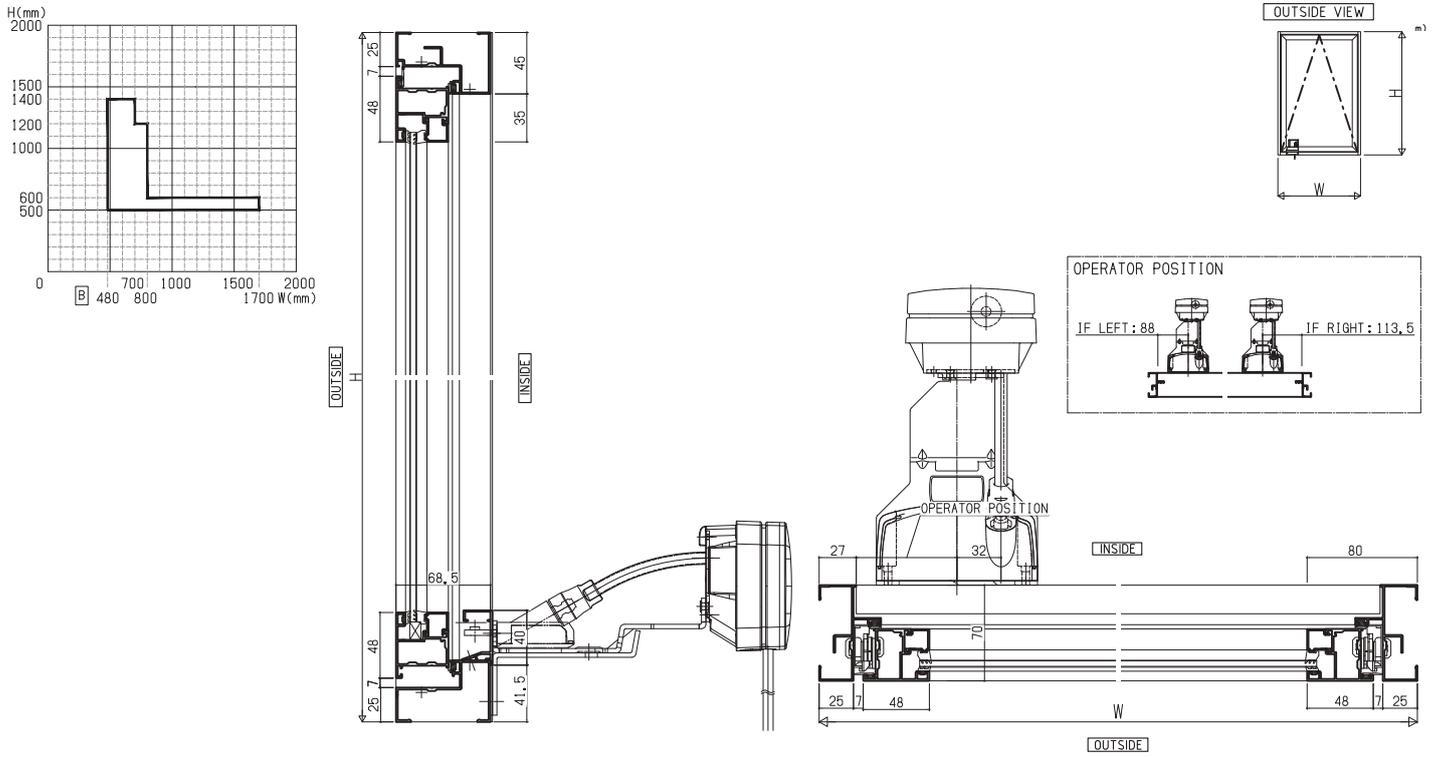


Easy to Operate

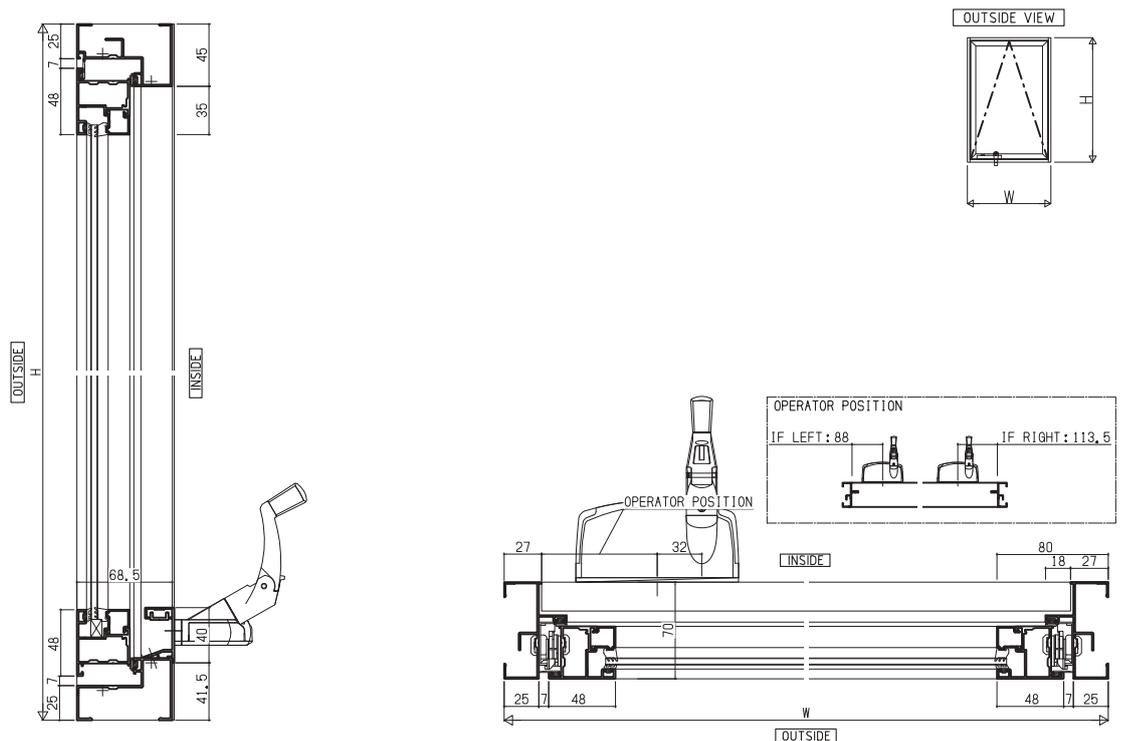
It is easy for children to operate

HIGH VENTILATION WINDOW System Drawing & Size Limitation

Loopless



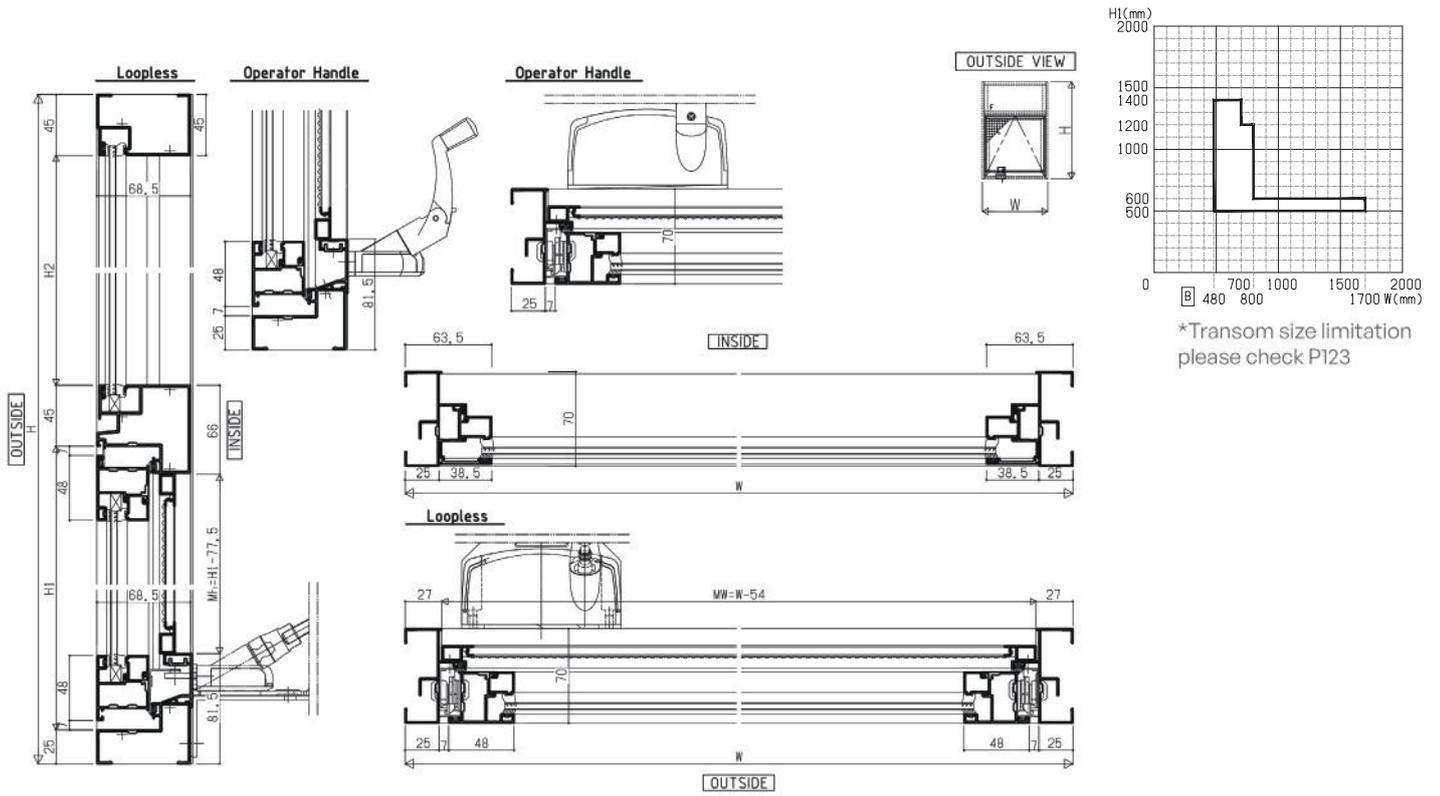
Operator Handle



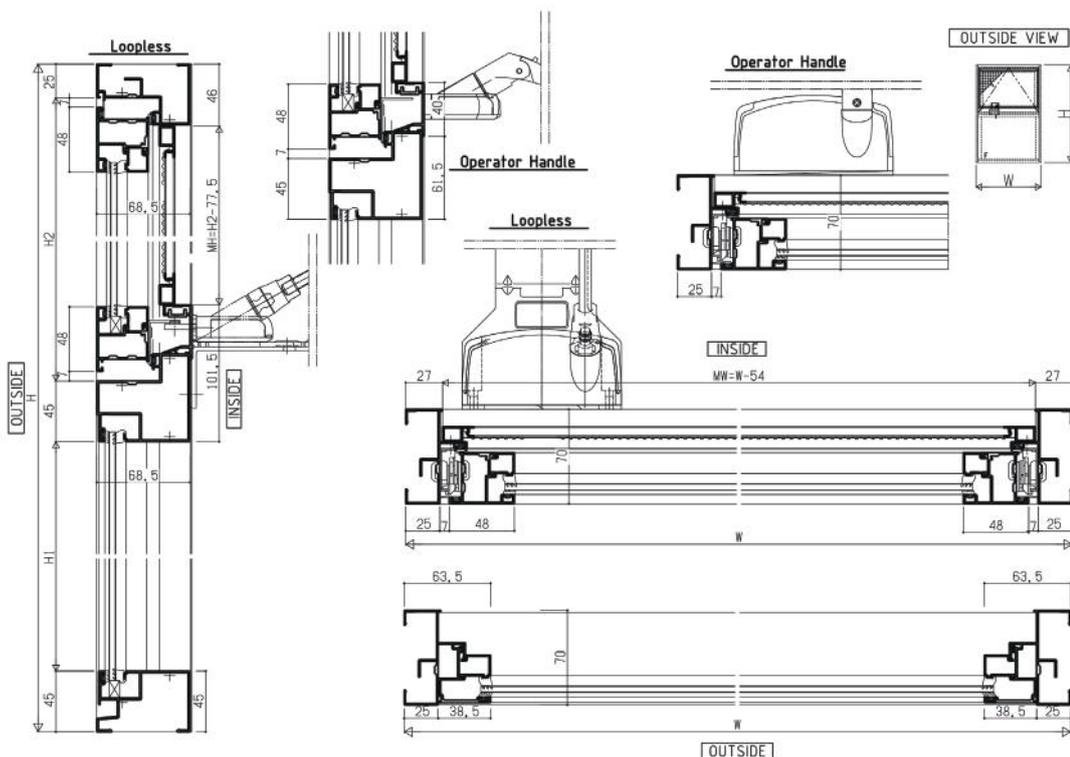
HIGH VENTILATION WINDOW

System Drawing & Size Limitation Insect Screen (Optional)

Insect Screen FIX / TH



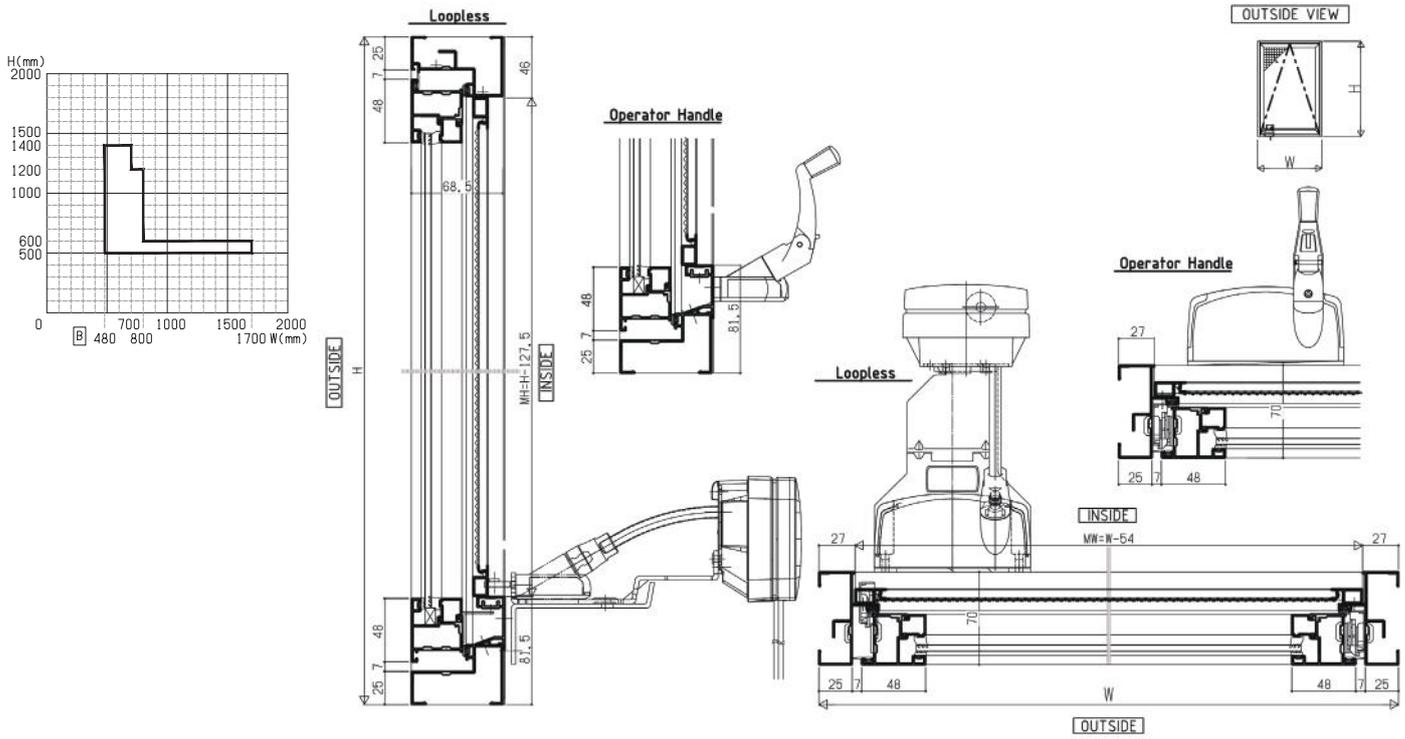
Insect Screen TH / FIX



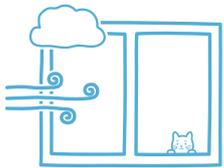
HIGH VENTILATION WINDOW

System Drawing & Size Limitation Insect Screen (Optional)

Insect Screen TH



CASEMENT



Structural (Wind Load)

600 Pa
Deflection
L/100



Water Tightness

350 pa



Air Infiltration

Grade A - 4(JIS)



Sound Insulation

T - 1 (-25 dB)(JIS)
T - 2 (-30 dB)(JIS)
Rw24 - 30 (ISO)

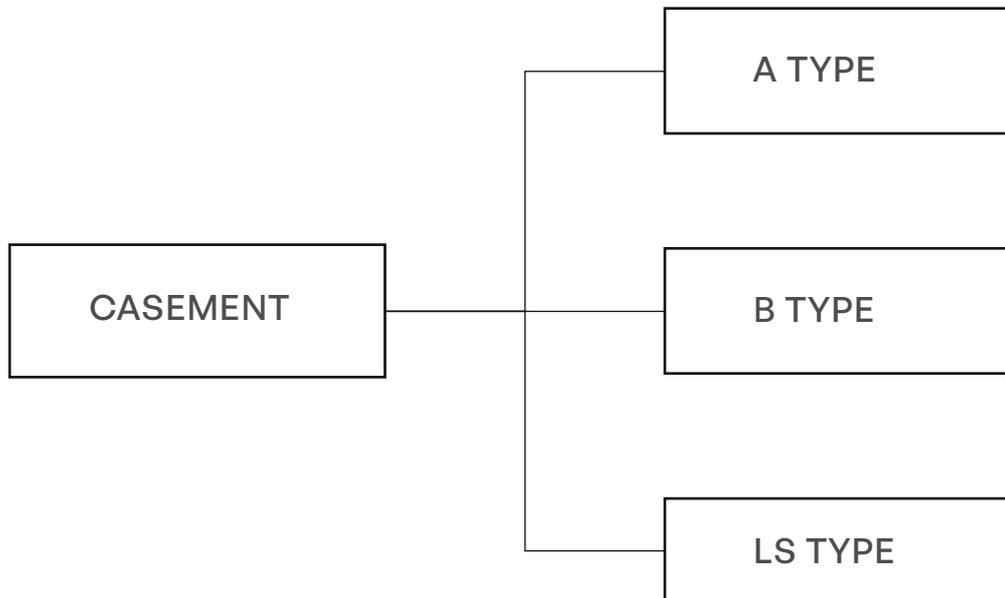


Double Glazing



CASEMENT

PRODUCT DIAGRAM



VARIATION

Single Swing
(Right Hand / Left Hand)



Double Swing



CASEMENT

GLASS THICKNESS & GASKET MATRIX

Glass & Gasket Type										
Glass Groove	14				18		24		26	
Glass Thickness	5	6	8	10	8	10	5+A6+5	6+A6+6	6+A6+6	
A-Type	●	●	●	●						
B-Type	●	●	●	●			●	●		
LS-Type					●	●				●
Gasket Number	Out	2K-22277			2K-23422		2K-22277			
	In	9K-20523	2K-22973	2K-22975	3K-27077	Sealant		2K-22973	2K-22975	Sealant

● Available

CASEMENT

INSECT SCREEN MATRIX

Insect Screen Type	
Screen Type	Vertical Slide
A-Type	●
B-Type	●
LS-Type	

● Available

PARTS MATRIX

	Standard						Optional					
												
Item	Cam latch Handle	Multipoint Handle	Friction Stay	Safety Stopper	Hinge	Flushbolt	Cam latch Handle (Metal)	Multipoint Handle (Metal)				
A-Type	●		●	●		●	●					
B-Type	●	●	●	●		●	●	●				
LS-Type		●		●	●	●		●				
Color	DG, YW	DG, YW	YS	YS	YK, YW	YS	DG, YW	DG, YW				
Parts Number	2K-33876/77	2K-38867/68 2K-38870/71	4K-14210 4K-12285 4K-12286 4K-15550	7K-10111	5K-19277/78 5K-19279/80	4K-10200/01	5K-12992 5K-12993 5K-12994 5K-12995					

● Available

DG=Black, YW=White, YK=Black, YS=Silver

CASEMENT

FEATURES

Design

• Clear Design

Clear design with no muntin for Double Casement.



• Flat Design

The glass is flat aligned with front side of window frame.



Safety

• Safety Stopper

Safety stopper restricts the opening to less than 110 mm, to avoid unexpected accidents by children.



Full-open position



Restricted-open position

Check label to use safety stopper



Press for restricted-open position

• Child Lock

Prevent children from releasing the safety stopper



Normal position



Child lock function

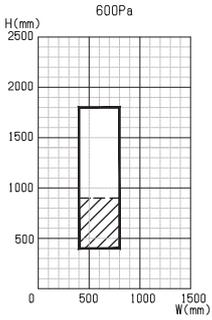
• Friction Stay

Enables the panel to be opened to 90°, cleaning the glass from indoor can be done easily and safely.

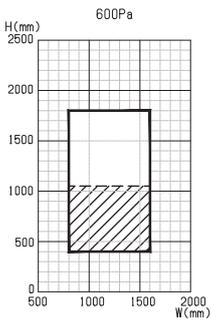


A - Type

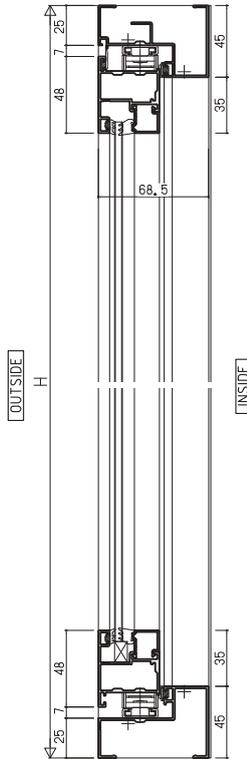
A - Type Single



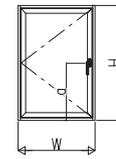
A - Type Double



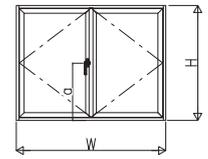
Hatched area can't install safety stopper



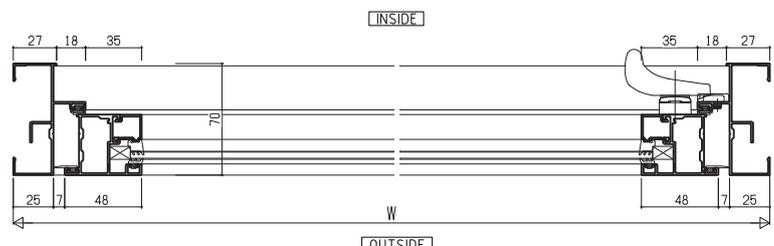
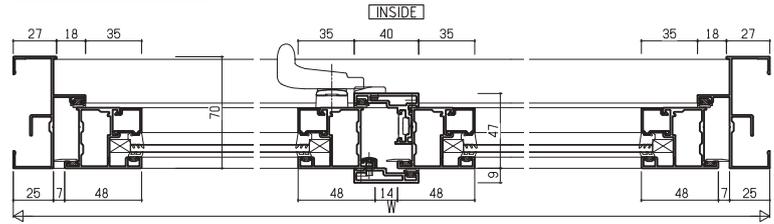
OUTSIDE VIEW



OUTSIDE VIEW

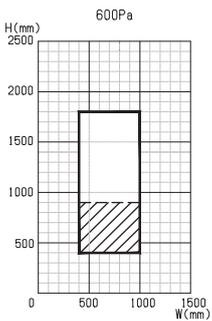


Double with single handle

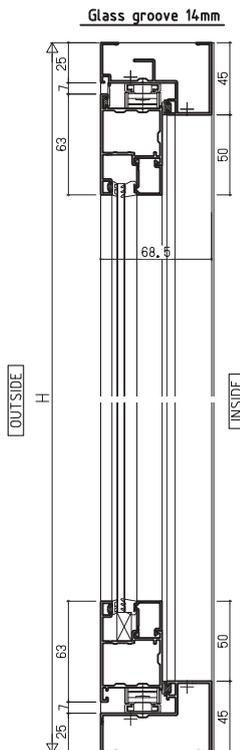


B - Type Camlatch Single

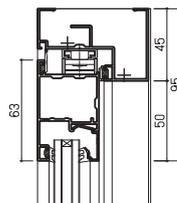
B - Type Camlatch Single



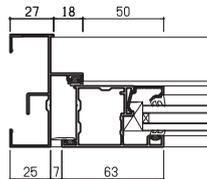
Hatched area can't install safety stopper



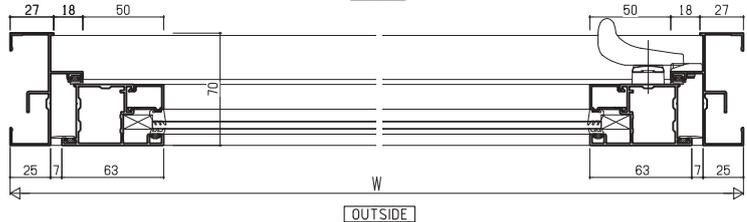
Glass groove 14mm



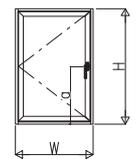
Glass groove 24mm



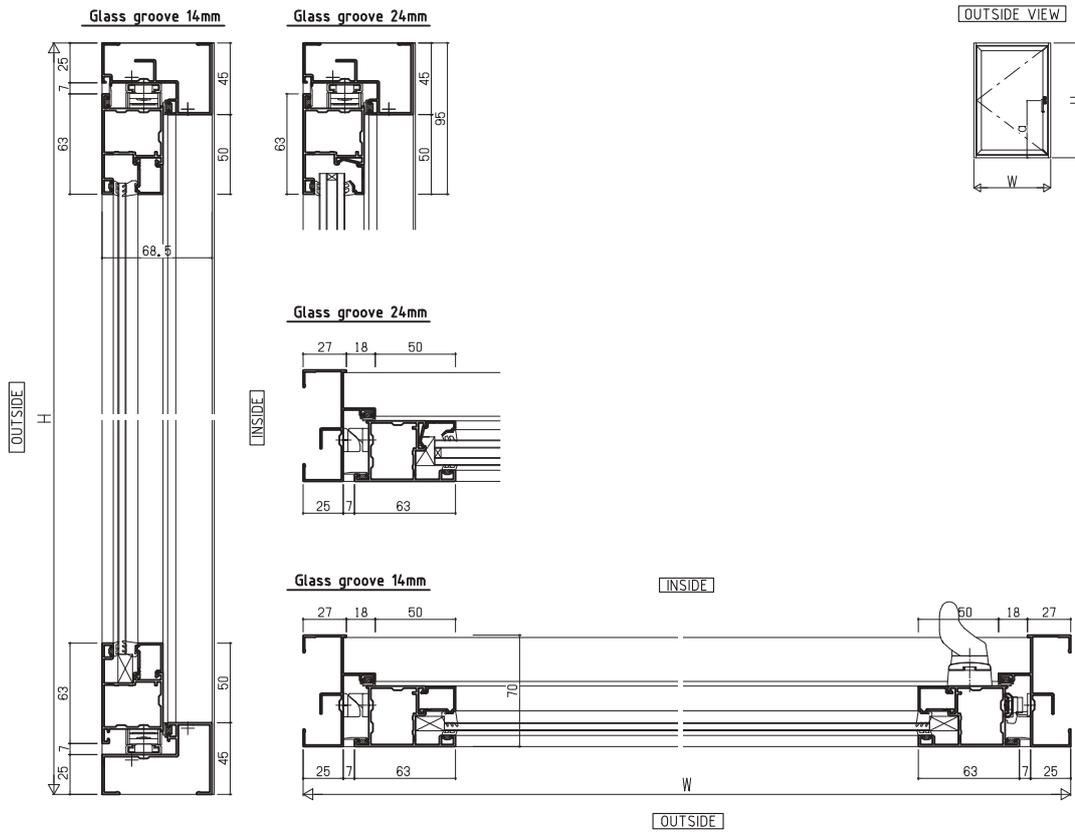
Glass groove 14mm



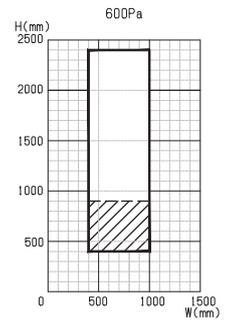
OUTSIDE VIEW



B Type - Multipoint

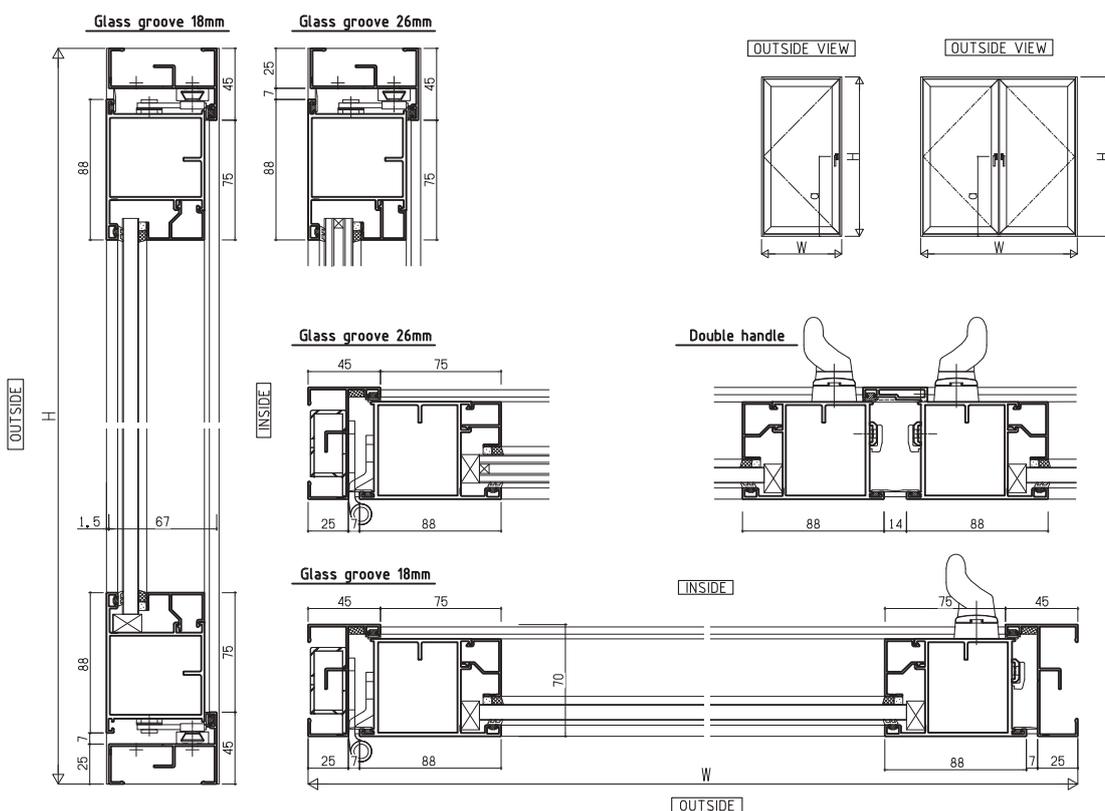


B Type - Multipoint Single

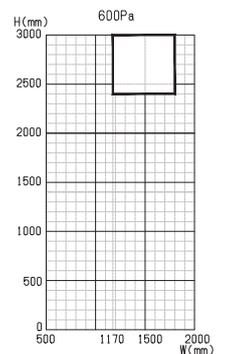
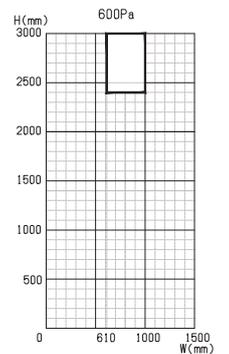


Hatched area can't install safety stopper

LS Type

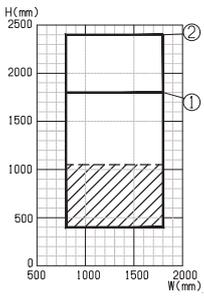


LS Type



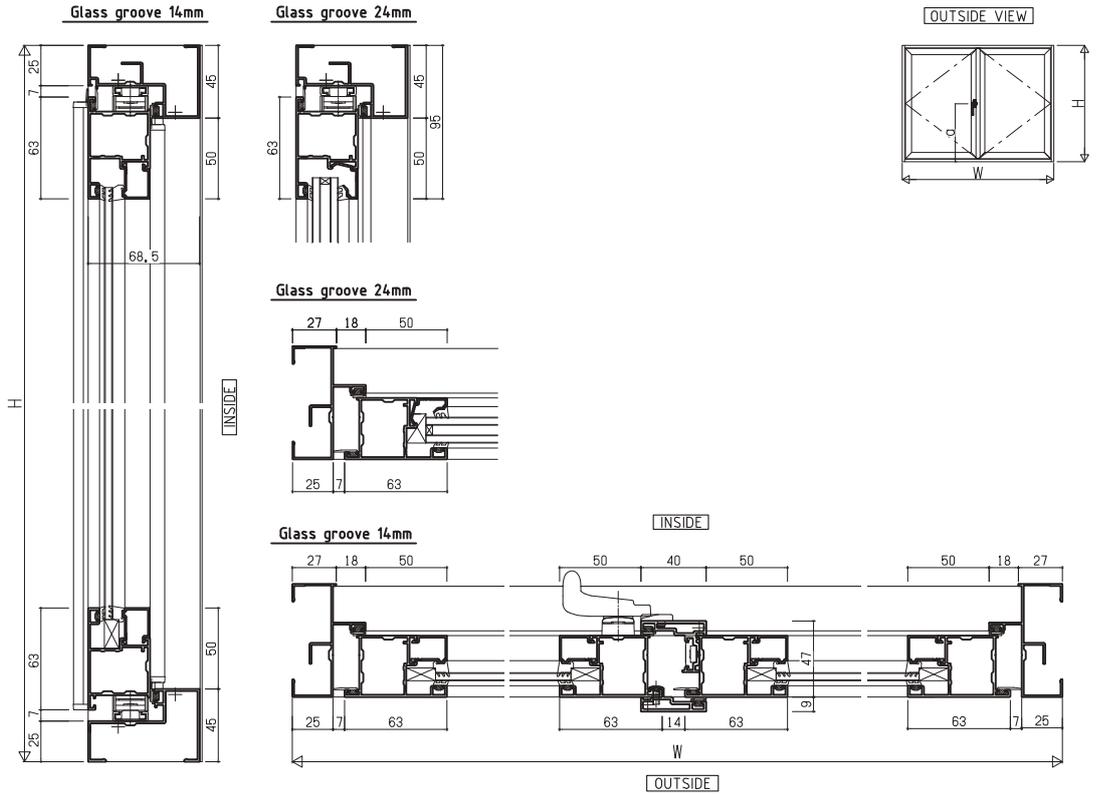
B Type Camlatch Double

B Type Camlatch & Multipoint Double
(Single Handle)



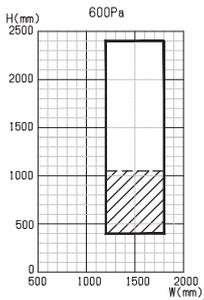
	LOCK	PRESSURE
1	CAMLATCH	600 Pa
2	MULTIPOINT	600 Pa

Hatched area can't install safety stopper

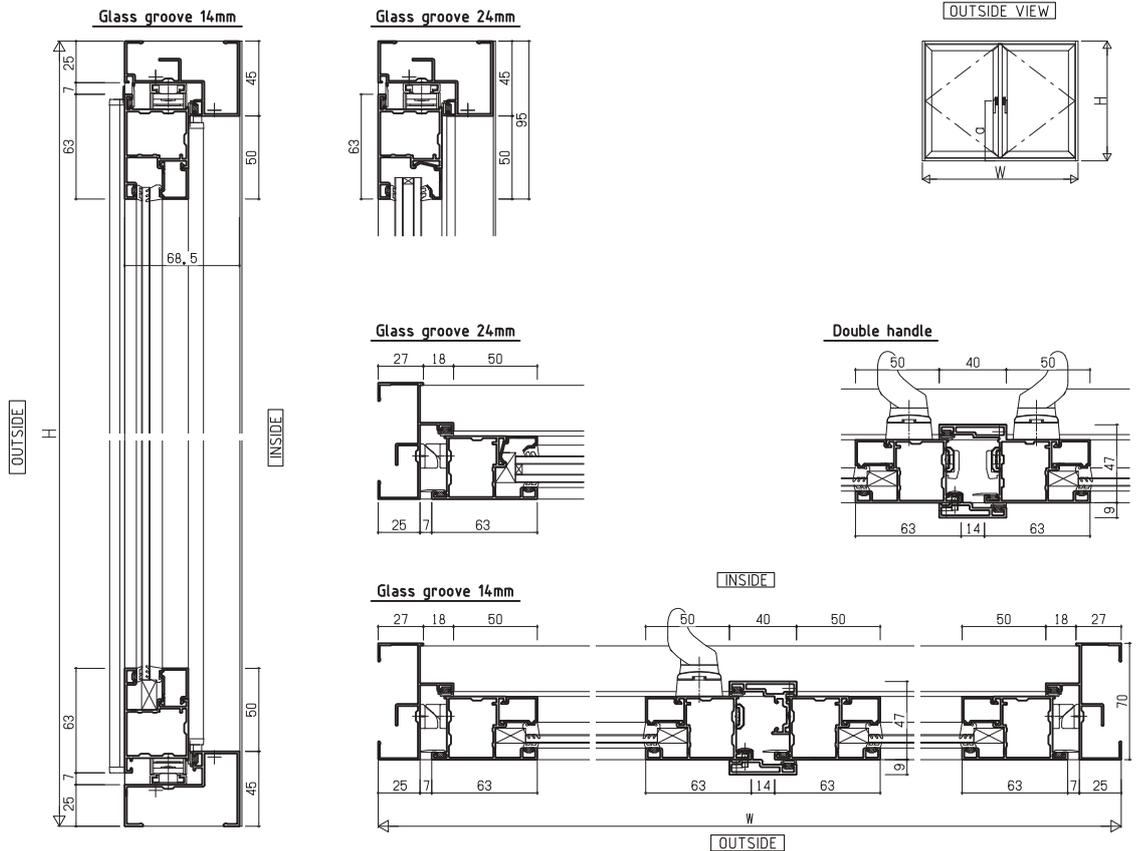


B Type Multipoint Double

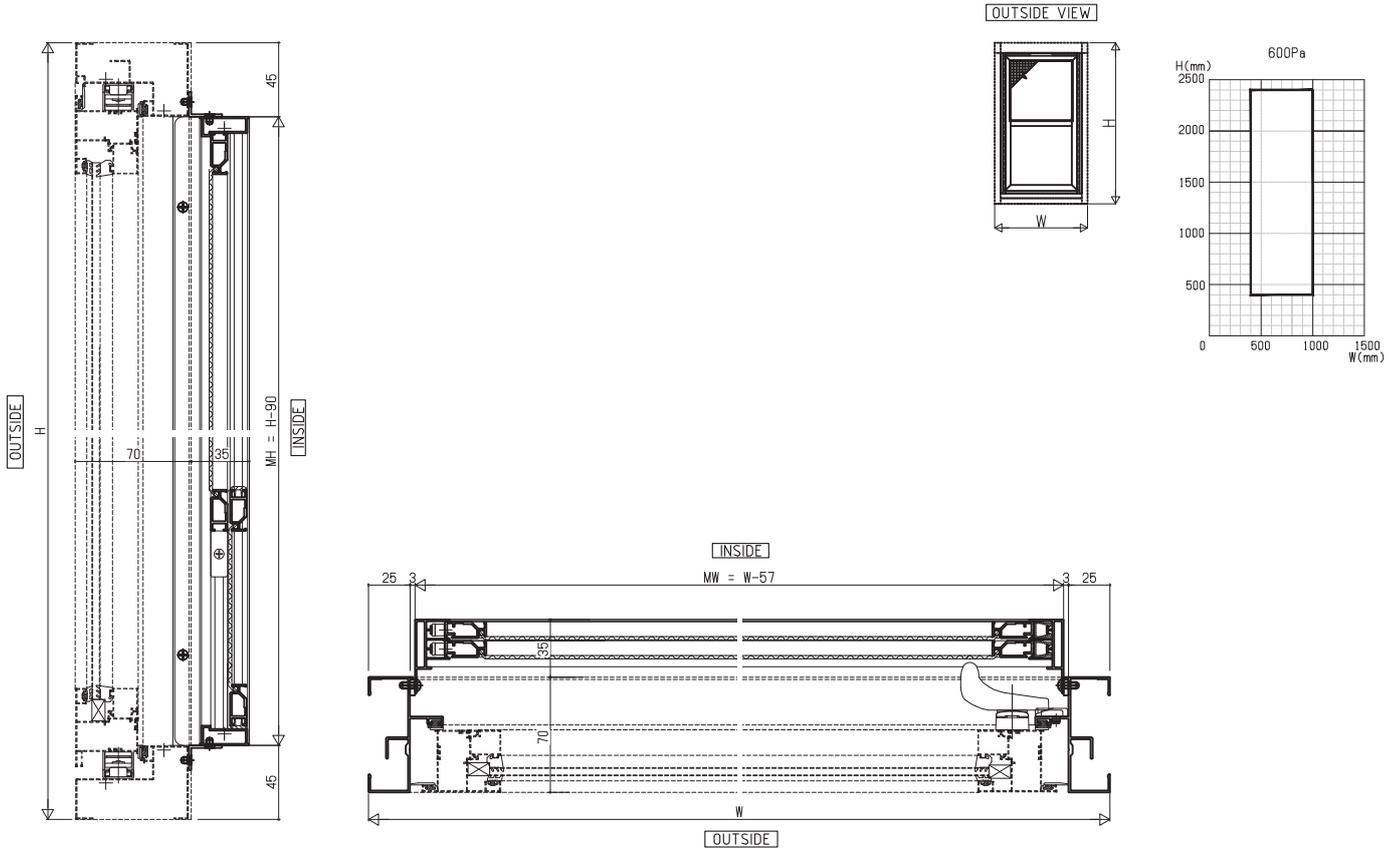
B Type Multipoint Double
(Double Handle)



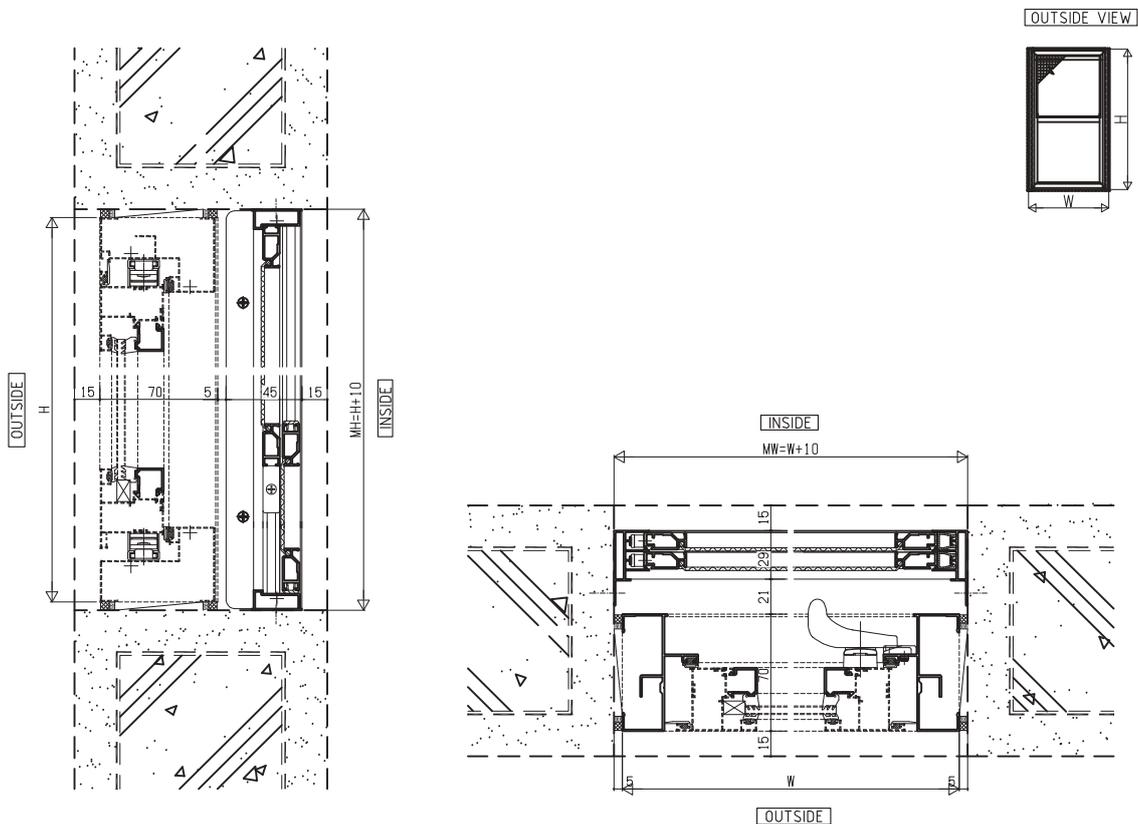
Hatched area can't install safety stopper



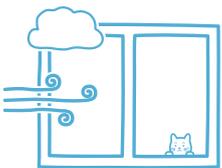
Insect Screen - Vertical Sliding on Frame



Insect Screen - Vertical Sliding on Wall



BUTT HINGED DOOR



Structural (Wind Load)

600 Pa
Deflection
L/100



Water Tightness

150 pa



Air Infiltration

Grade A - 4(JIS)



Sound Insulation

T - 1 (-25 dB)(JIS)
T - 2 (-30 dB)(JIS)
Rw24 - 30 (ISO)



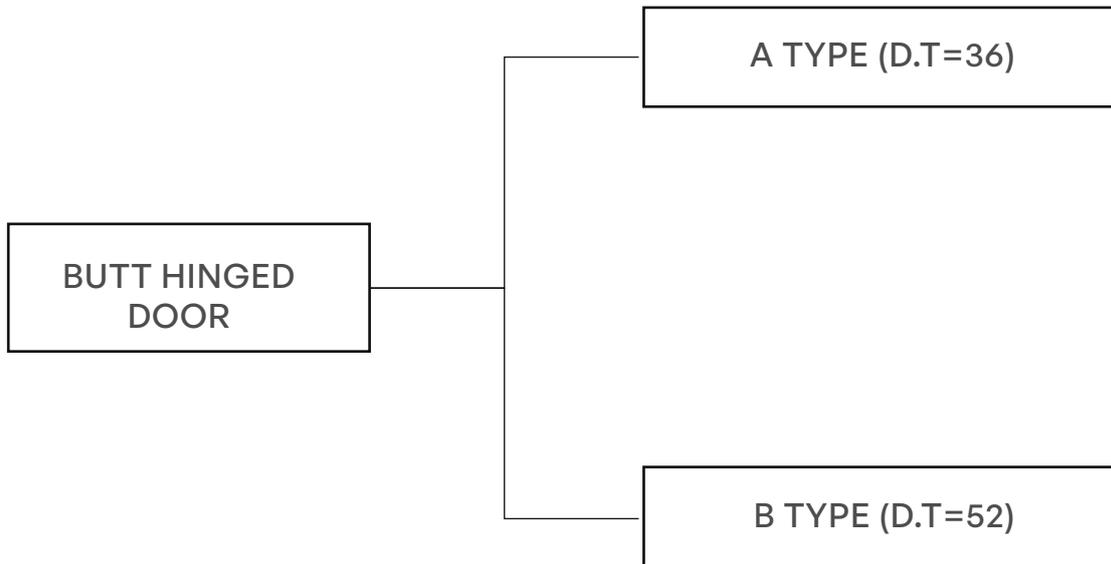
Double Glazing



Without Bottom Sill has no performance of Water Tightness, Air Infiltration, and Sound Insulation.

BUTT HINGED DOOR

PRODUCT DIAGRAM



VARIATION

Single Swing
(Right Hand / Left Hand
Inswing / Outswing)

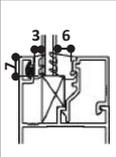
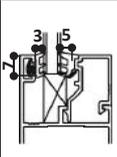
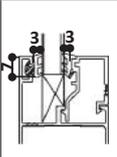
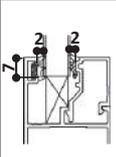
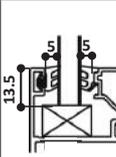
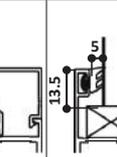
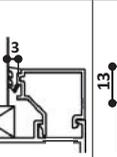
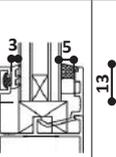
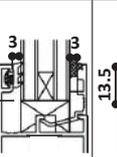
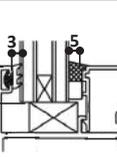


Double Swing
(Inswing / Outswing)



BUTT HINGED DOOR

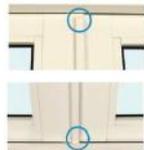
GLASS THICKNESS & GASKET MATRIX

		Glass & Gasket Type									
											
Glass Groove		14				18		24		26	
Glass Thickness		5	6	8	10	8	10	5+A6+5	6+A6+6	6+A6+6	
D.T=36		●	●	●	●			●	●		
D.T=52						●	●			●	
Gasket Number	Out	2K-22277			2K-23422		2K-22277				
	In	9K-20523	2K-22973	2K-22975	3K-27077	Sealant					

● Available

BUTT HINGED DOOR

PARTS MATRIX

	Standard				Optional		
							
Item	Door Handle	Butt Hinge	Flushbolt	Safety Cap	Door Closer	Door Handle	
D.T=36	●	●	●	●	●	●	
D.T=52	●	●	●	●	●	●	
Color	YS	DG, YW	DG	DG, YW	YK, YS	DG	
Parts Number	2K-13217U9-20-1/4 6K-10367U9-1/4 5K-19283U9-1/4	5K-19275/76 5K-19277/78 5K-19279/80	2K-30280	2K-38569/71/72 2K-38570/73/74 2K-38575	3K-12094/97 3K-12105	7K-13868U9-1/4 7K-13869U9-1/4 7K-13870U9-1/4	

● Available

DG=Black, YW=White, YK=Black, YS=Silver

BUTT HINGED DOOR

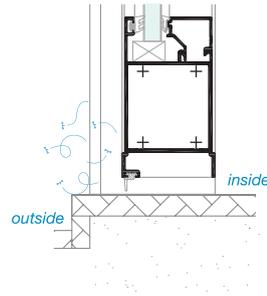
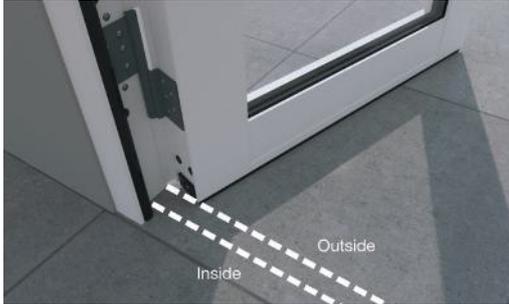
FEATURES

Reliable Performance

• Without Bottom Sill

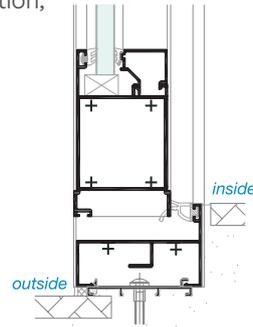
Can prevent you from insect and dust to come in.

*"Without Sill" has no performance of Water Tightness, Air Infiltration, and Sound Insulation.

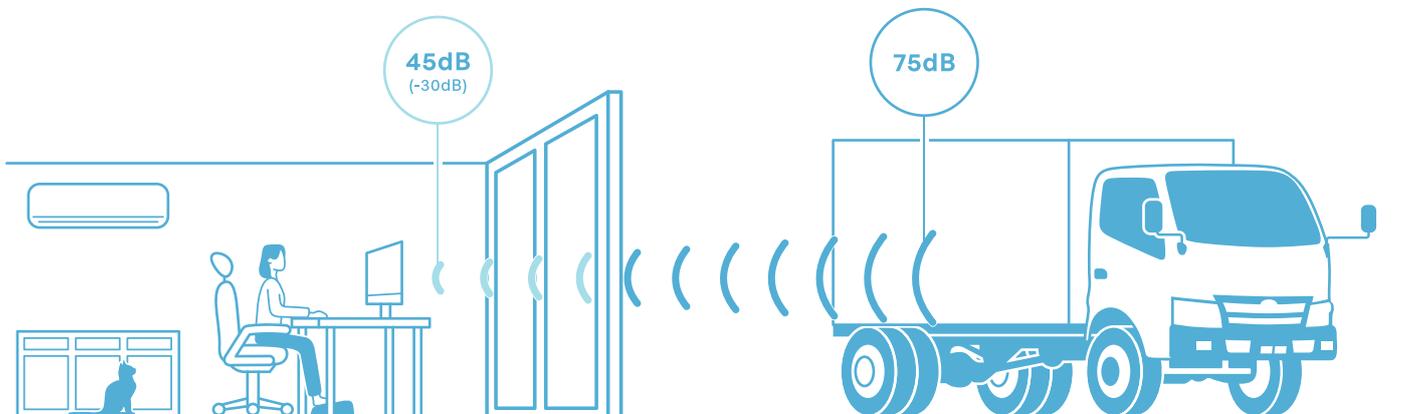


• Nexsta (with Bottom Sill)

Higher performance benefits such as water tightness, air infiltration, sound insulation, prevent insect and dust.



Reduce the noise 25 dB (T-1) or 30 dB (T-2)

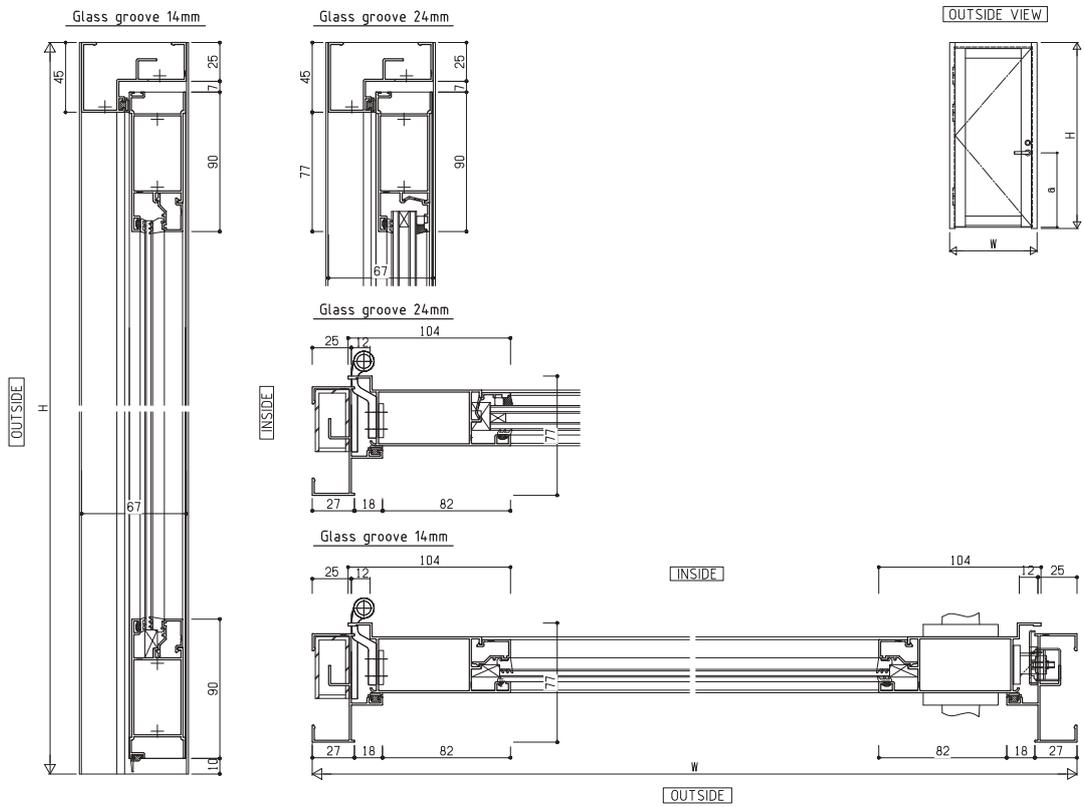
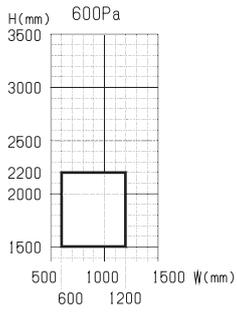


BUTT HINGED DOOR

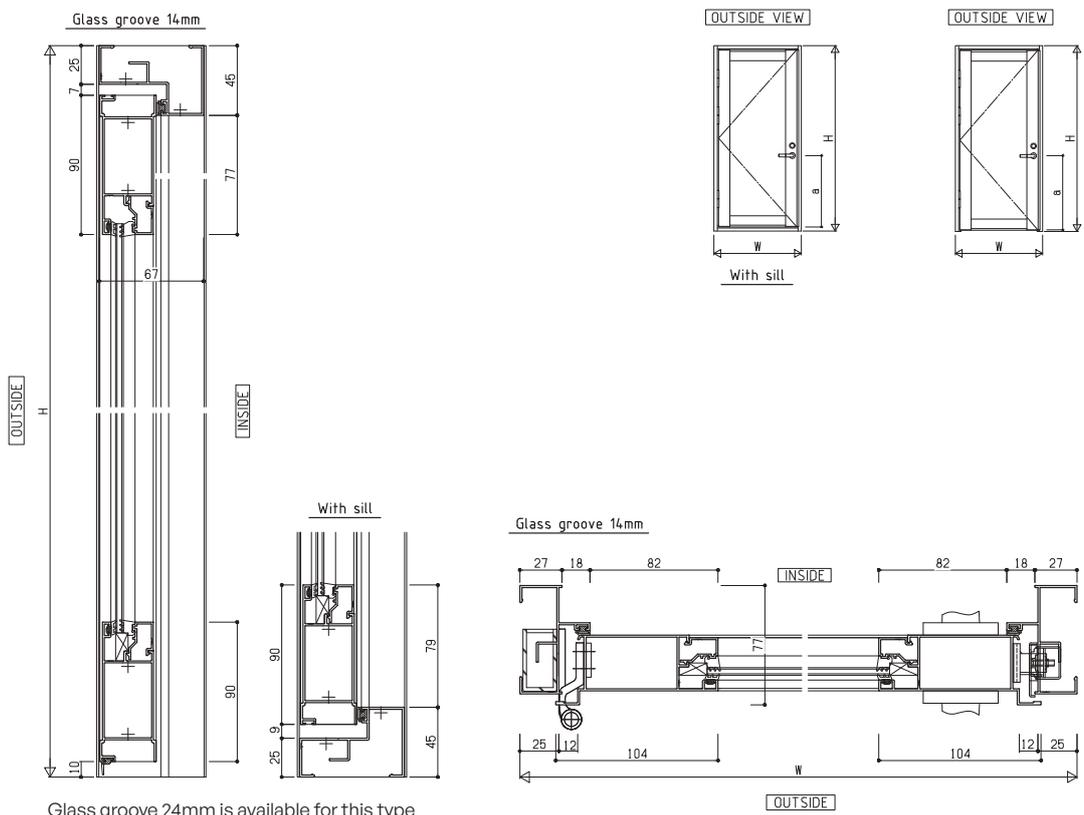
System Drawing & Size Limitation

DT 36 Inswing Single

DT = 36 Single



DT 36 Outswing Single



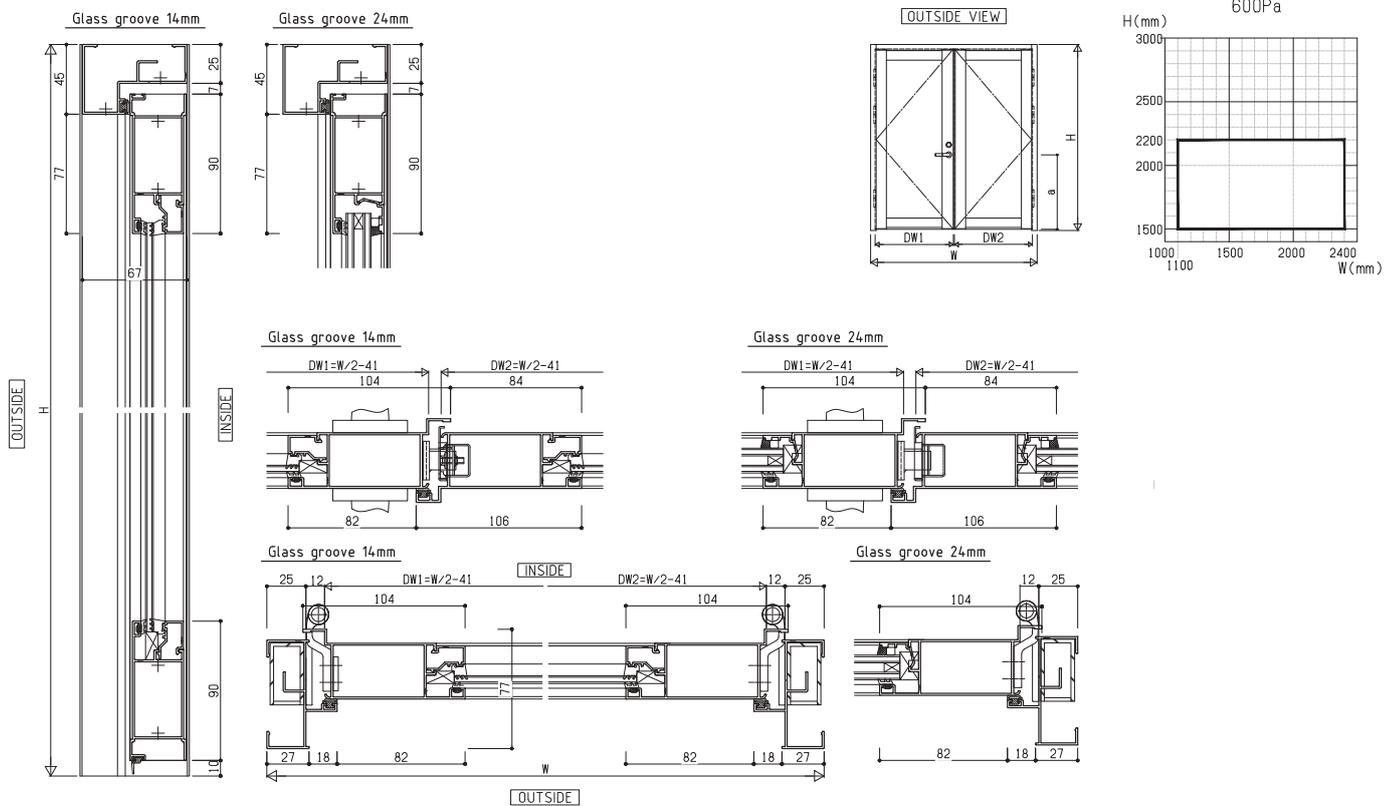
Glass groove 24mm is available for this type

BUTT HINGED DOOR

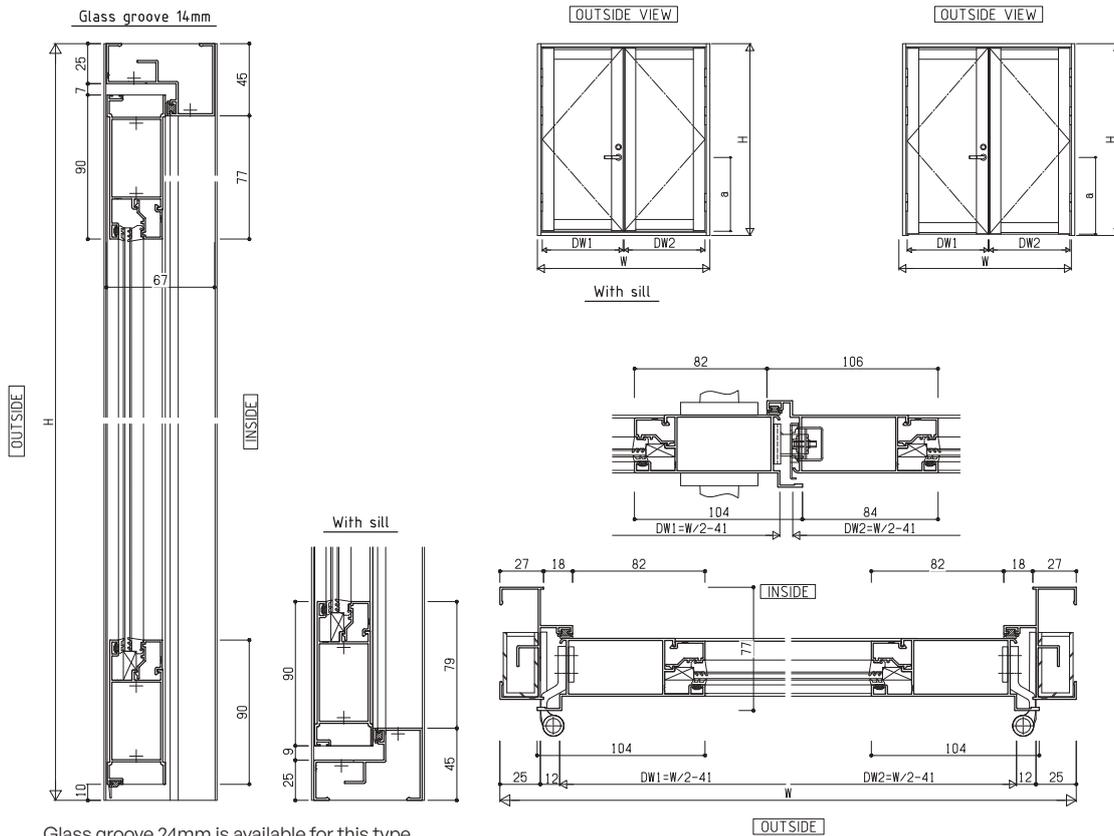
System Drawing & Size Limitation

DT 36 Inswing Double

DT = 36 Double



DT 36 Outswing Double



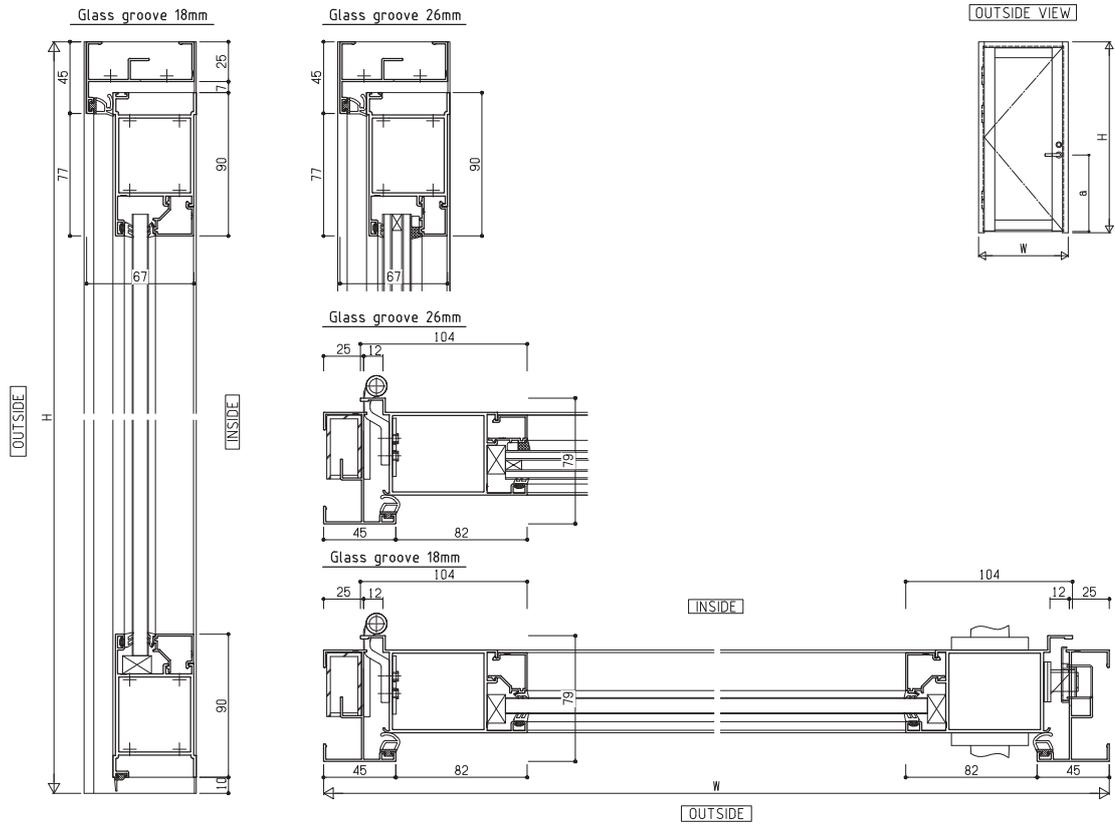
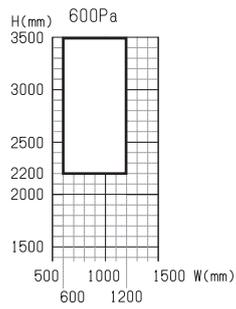
Glass groove 24mm is available for this type

BUTT HINGED DOOR

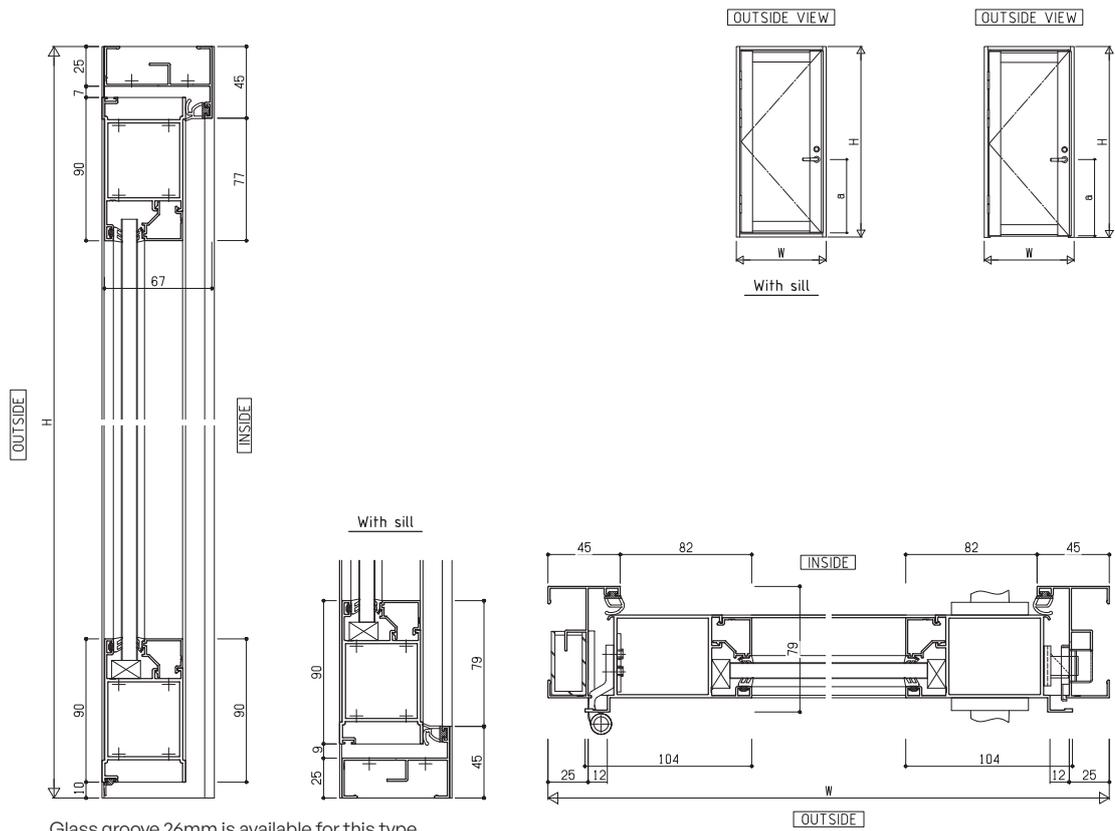
System Drawing & Size Limitation

DT 52 Inswing Single

DT = 52 Single



DT 52 Outswing Single



Glass groove 26mm is available for this type

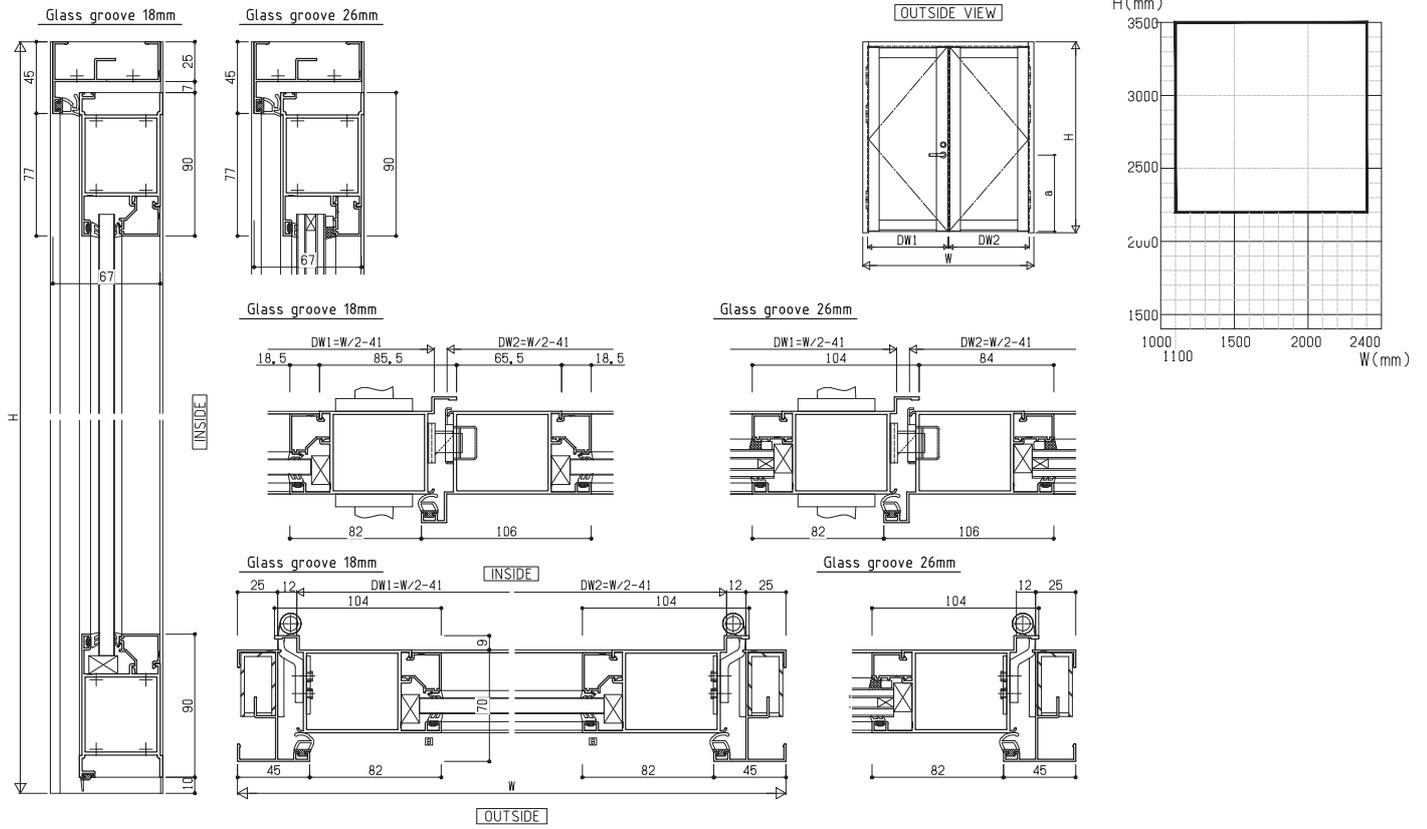
BUTT HINGED DOOR

System Drawing & Size Limitation

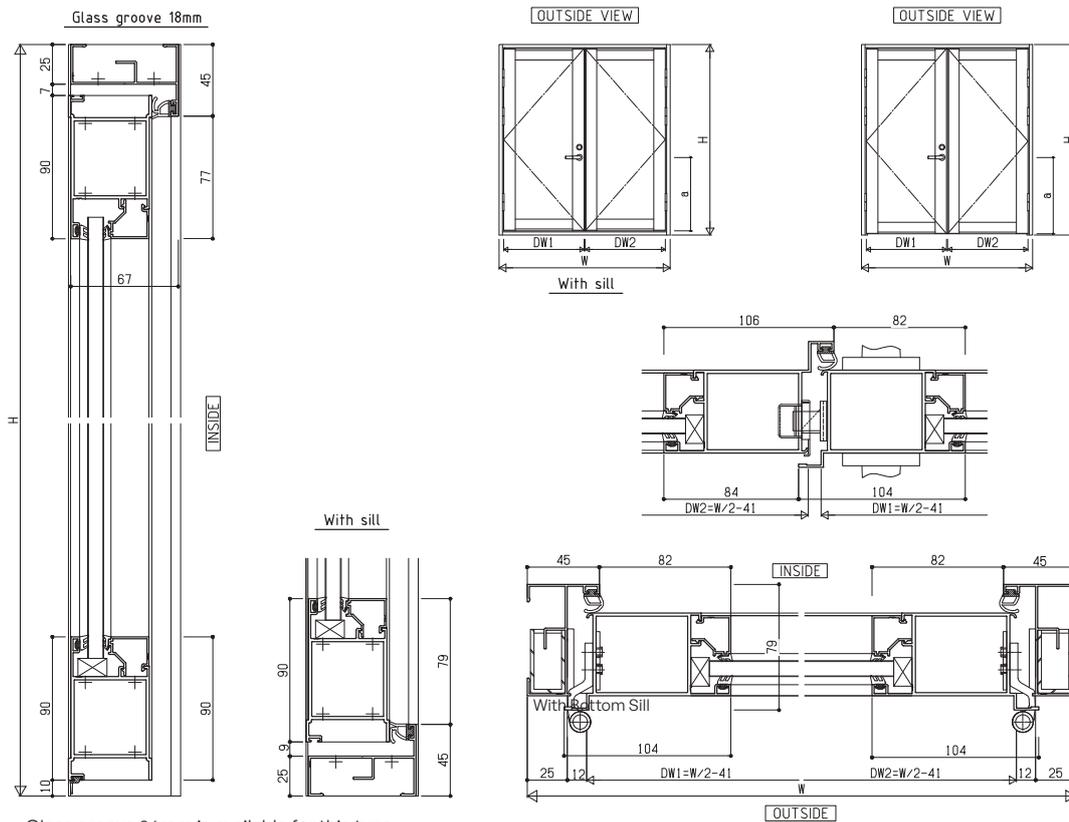
DT 52 Inswing Double

DT = 52 Double

600Pa

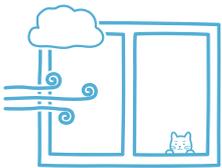


DT 52 Outswing Double



Glass groove 26mm is available for this type

VENTILATION DOOR



Structural (Wind Load)

1000 Pa
Deflection
L/125



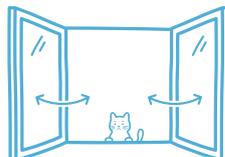
Water Tightness

50 pa



Air Infiltration

Grade A - 2(JIS)



Open-close Test

JIS A 1550
100,000 cycle



VENTILATION DOOR

PRODUCT DIAGRAM



VARIATION

Single Swing Outswing
(Right Hand / Left Hand)



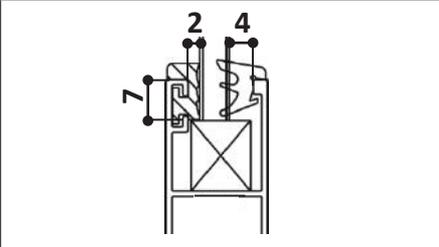
Composite Window



VENTILATION DOOR

GLASS THICKNESS & GASKET MATRIX

Glass & Gasket Type

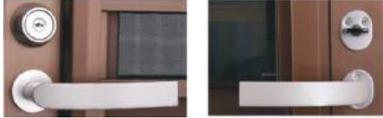


Glass Groove		11
Glass Thickness		5
Standard		●
Gasket Number	Out	K-21240
	In	K-21165

● Available

VENTILATION DOOR

PARTS MATRIX

	Standard				Optional
					
Item	Door Handle		Double Hung Sliding Lock	Butt Hinge	
Standard	●		●	●	
Color	YS		YK	YS, YK	
Parts Number	2K-17901	9K-10105	2K-17706	5K-11220	5K-12221
	3K-11612				

● Available

DG=Black, YW=White, YK=Black, YS=Silver

VENTILATION DOOR

FEATURES

Environmental Friendly Design

• Energy Saving (Green Building Concept)

Ventilation door is originally designed to adopt the Green Building Concept such as Energy Saving by letting the air fresh in, enable to maximize the usage of natural lighting and many other benefits.



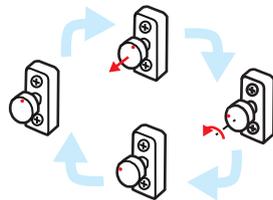
Double Hung windows are mounted inside, allowing ventilation while the door is closed.

* Available 3 locking positions.

Safety & Security

Prevent from damage from strong wind and crime at night and insect disturbance.

Put hand under the catch & push along the track while pulling the knob.



Easy Maintenance and Operability

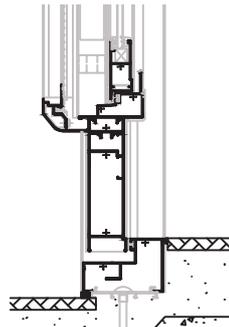
Open the sliding pane, release screw in the center of upper frame from inside, pulling grille upward. For installation, do the procedure in the opposite way.



Reliable Performance

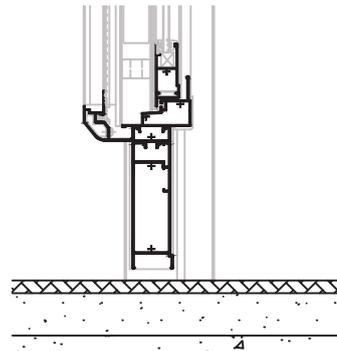
• With Bottom Sill

Performance is secured by the Bottom Sill to prevent water leakage.



Provided with Bottom Sill to prevent water and dust leak inside

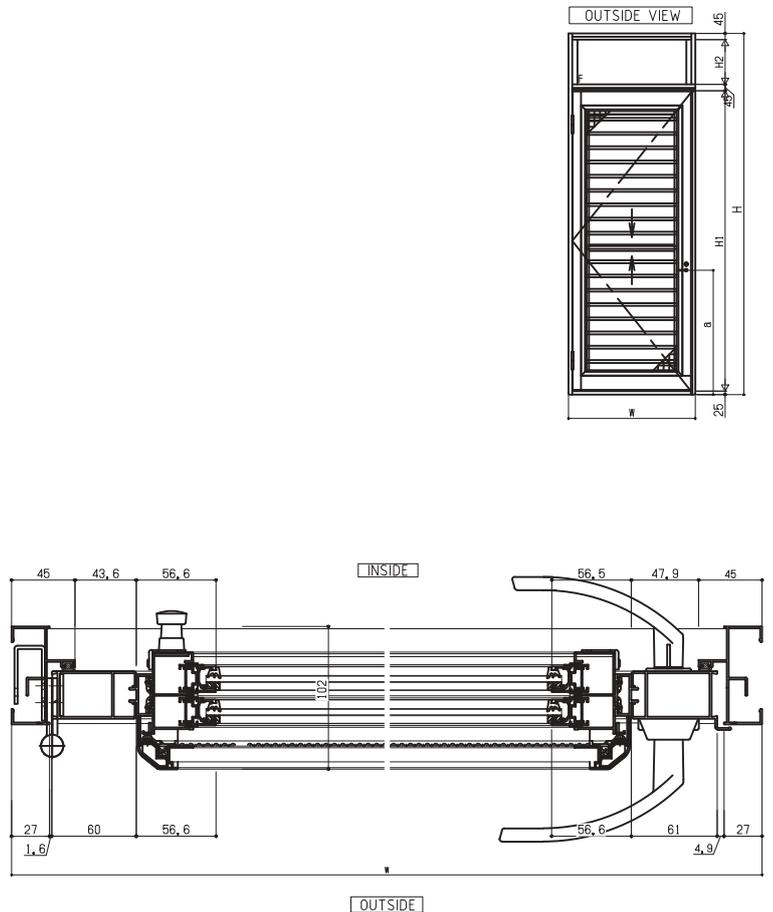
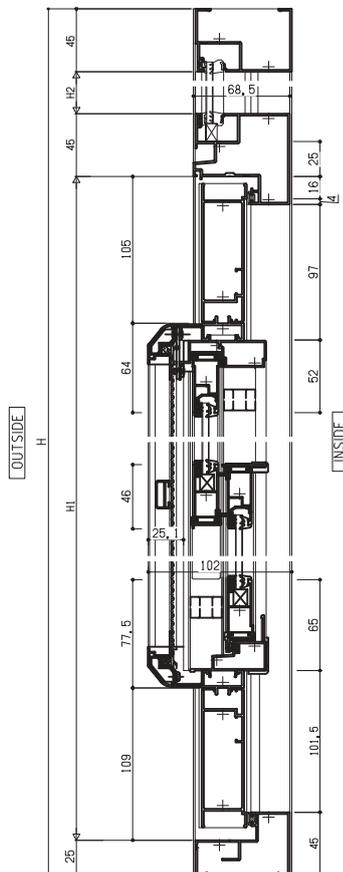
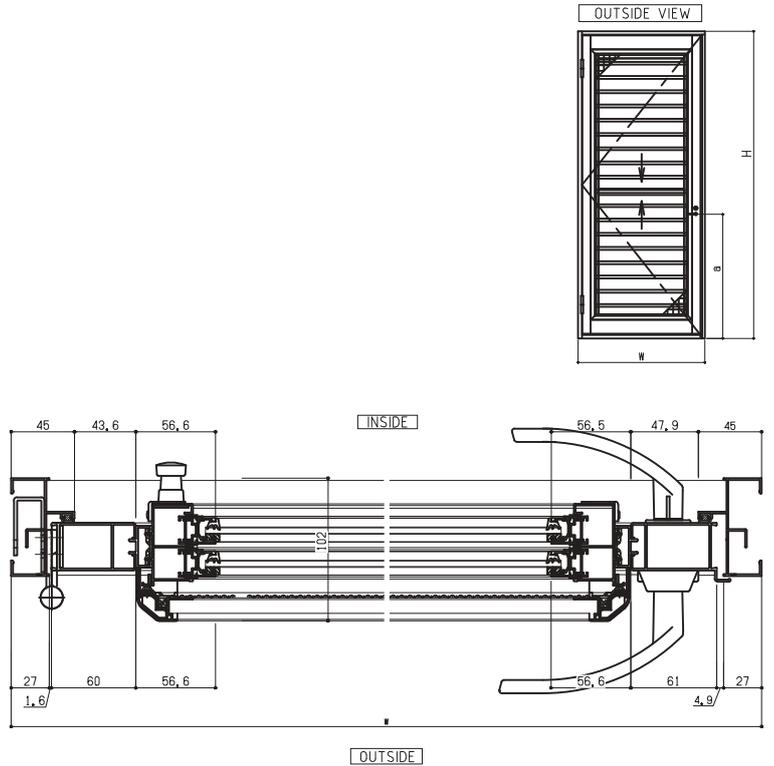
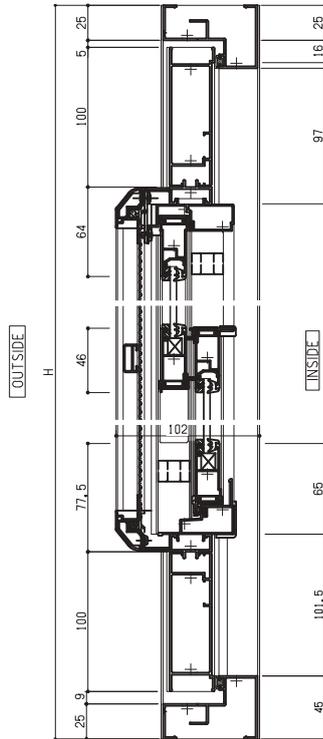
• Without Bottom Sill



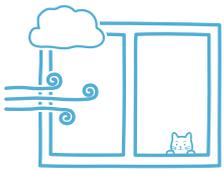
VENTILATION DOOR

System Drawing & Size Limitation

	W	H
Typical Size	900	2100
Maximum Size	900	2200



FOLDING DOOR



Structural (Wind Load)

600 Pa
Deflection
L/100



Water Tightness

Standard
350 Pa
Strong
100Pa



Air Infiltration

Grade A - 4(JIS)



Sound Insulation

T - 1 (-25 dB)(JIS)
T - 2 (-30 dB)(JIS)
Rw24 - 30 (ISO)

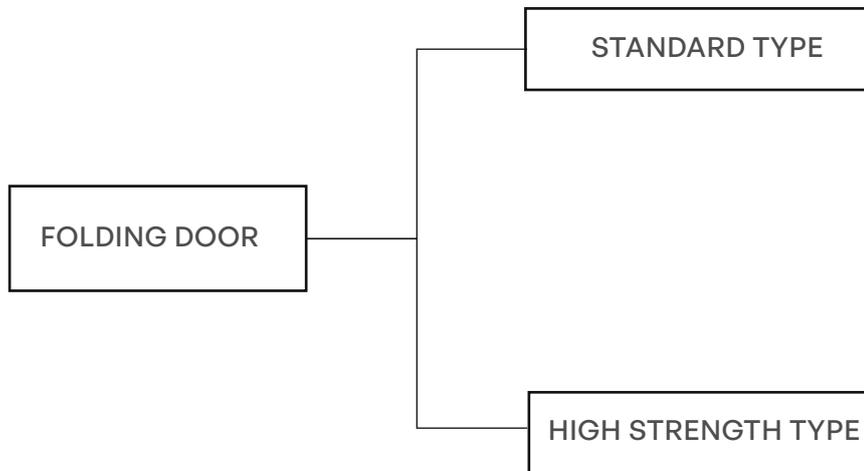


Double Glazing



FOLDING DOOR

PRODUCT DIAGRAM



LEAVES AND OPENING VARIATION

→ WIDE

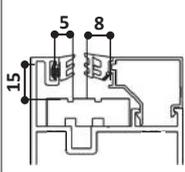
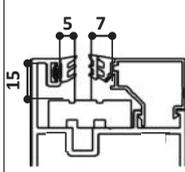
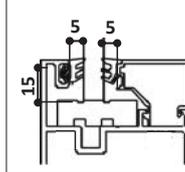
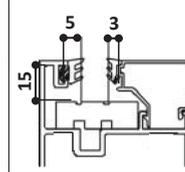
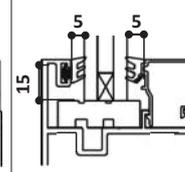
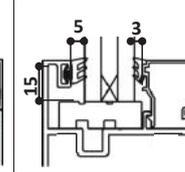
	0R	1R	2R	3R	4R	5R	6R	7R	8R
0L									
1L									
2L									
3L									
4L									
5L									
6L									
7L									
8L									

WIDE

FOLDING DOOR

GLASS THICKNESS & GASKET MATRIX

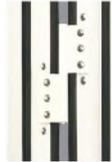
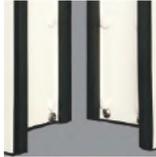
Glass & Gasket Type

							
Glass Groove		18				26	
Glass Thickness		5	6	8	10	5+A6+5	6+A6+6
Standard		●	●	●	●	●	●
High Strength		●	●	●	●	●	●
Gasket Number	Out	2K-22278					
	In	2K-24327	2K-24910	2K-22973	2K-22975	2K-22973	2K-22975

● Available

FOLDING DOOR

PARTS MATRIX

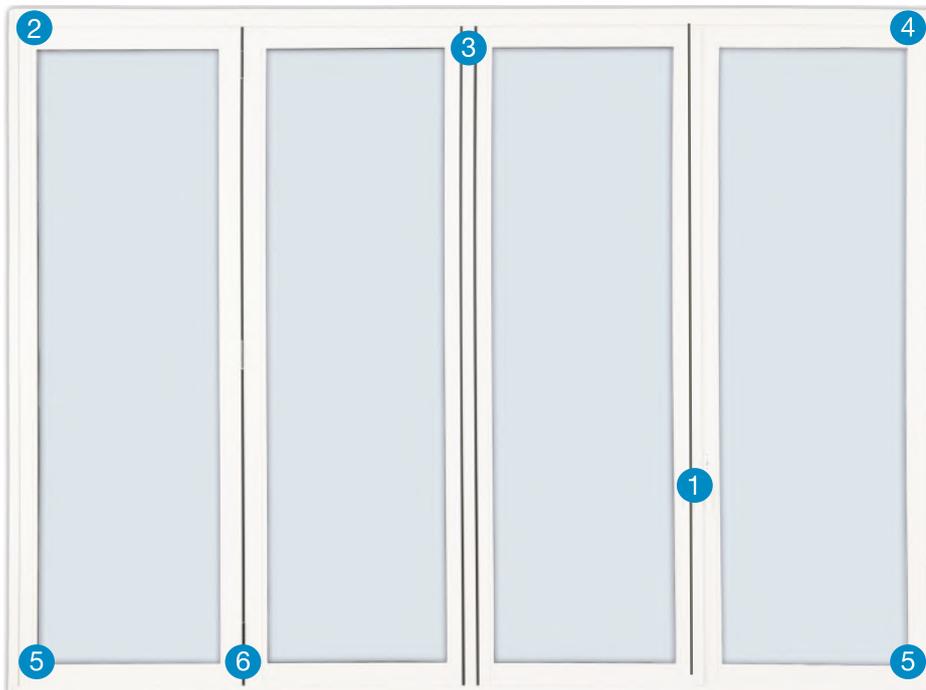
	Standard						Optional	
								
Item	Cremone Handle	Hanger Roller	Hinge	Safety Rubber	Stopper	Key Cylinder		
Standard	●	●	●	●	●	●		
High Strength	●	●	●	●	●	●		
Color	DG, YW	YS	DG, YW	DG	DG, YW	DG, YW		
Parts Number	9K-10908 9K-10904	5K-18201	5K-18204 5K-18205 5K-13812 5K-13813	3K-22098	2K-38276	9K-11116 9K-11115		

● Available

DG=Black, YW=White, YK=Black, YS=Silver

FOLDING DOOR

FEATURES



Design

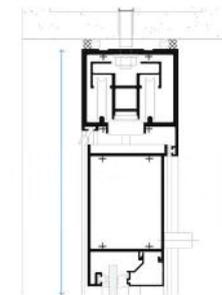
Slim Handle



Neat Frame



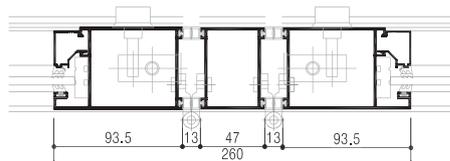
Inner frame in a line



Performance and Workability

• High Strength Inner Frame Setting

Support large opening, support anti typhoon strength



• Weep Hole

It will not be soaking wet and peck the drainage thanks to weep hole.



• Hanger Roller

Ensure the smoothness and durable against heavy duty.



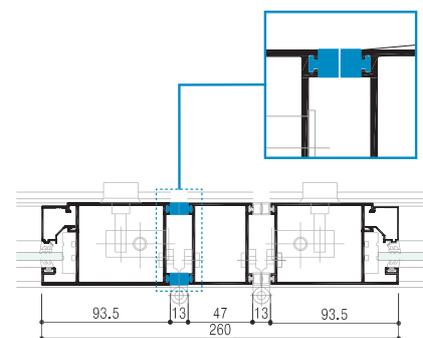
Safety and Security

• Weather-Strip & Multipoint Lock

Weather-strip is provided to ensure air infiltration and safety for fingers. The multipoint lock on top and baller with one stroke ensure security for your home.

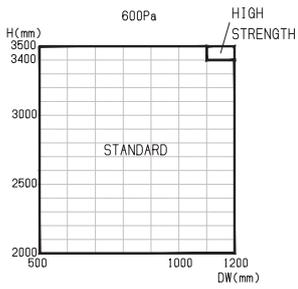


Lock Position

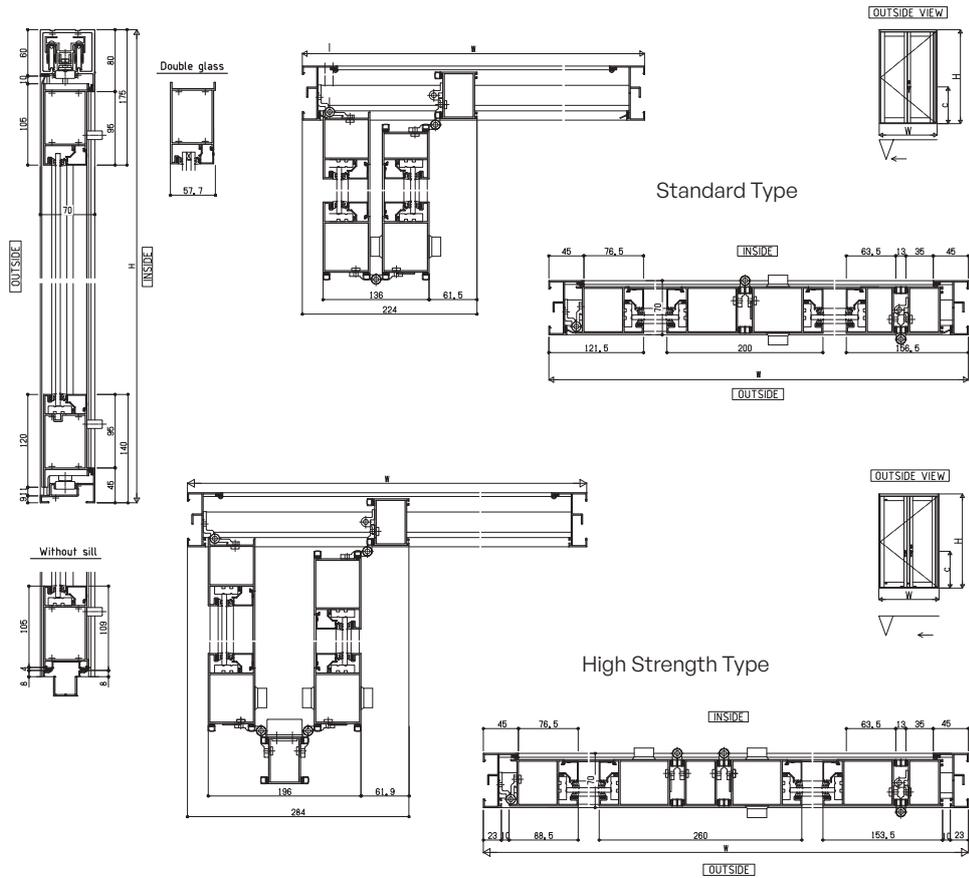


2 Leaves Outswing

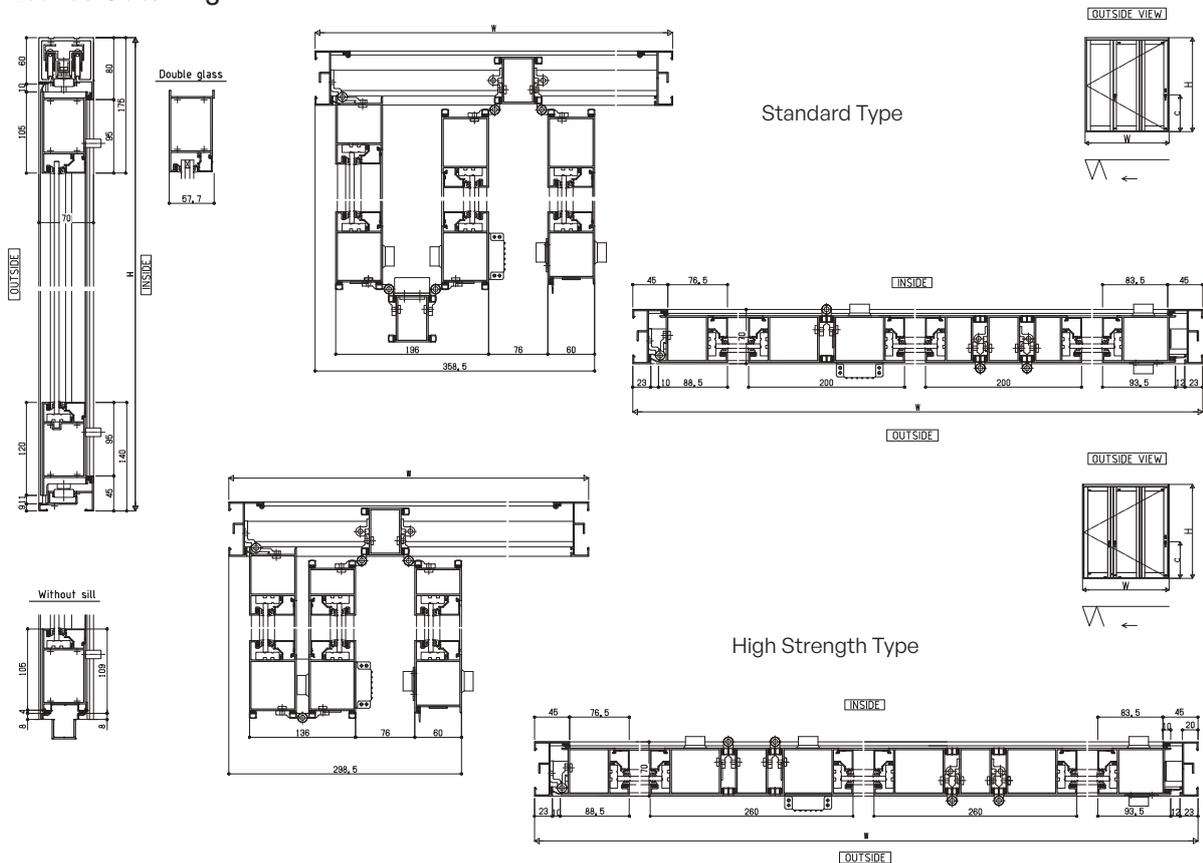
2 - 8 Leaves



DW = Width of 1 leaf
1 leaf max. weight : 90 kg



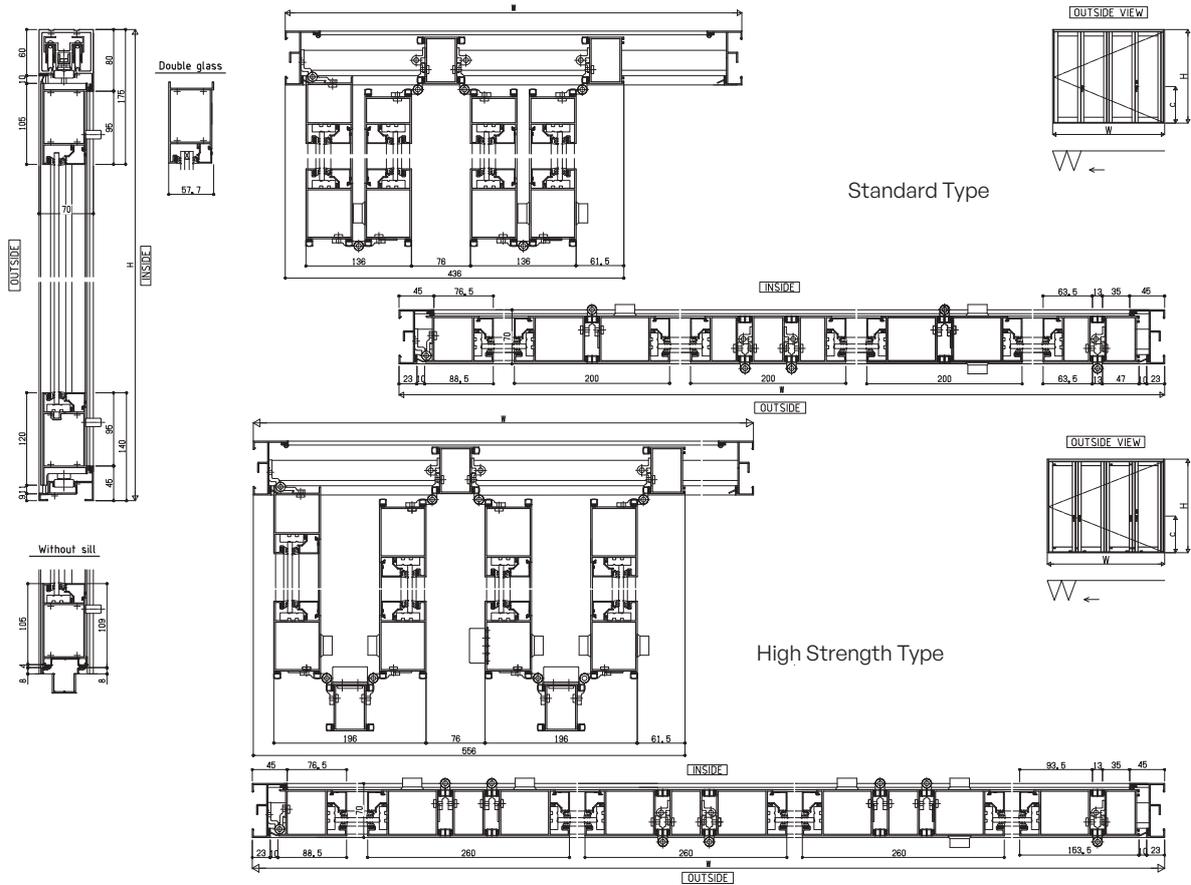
3 Leaves Outswing



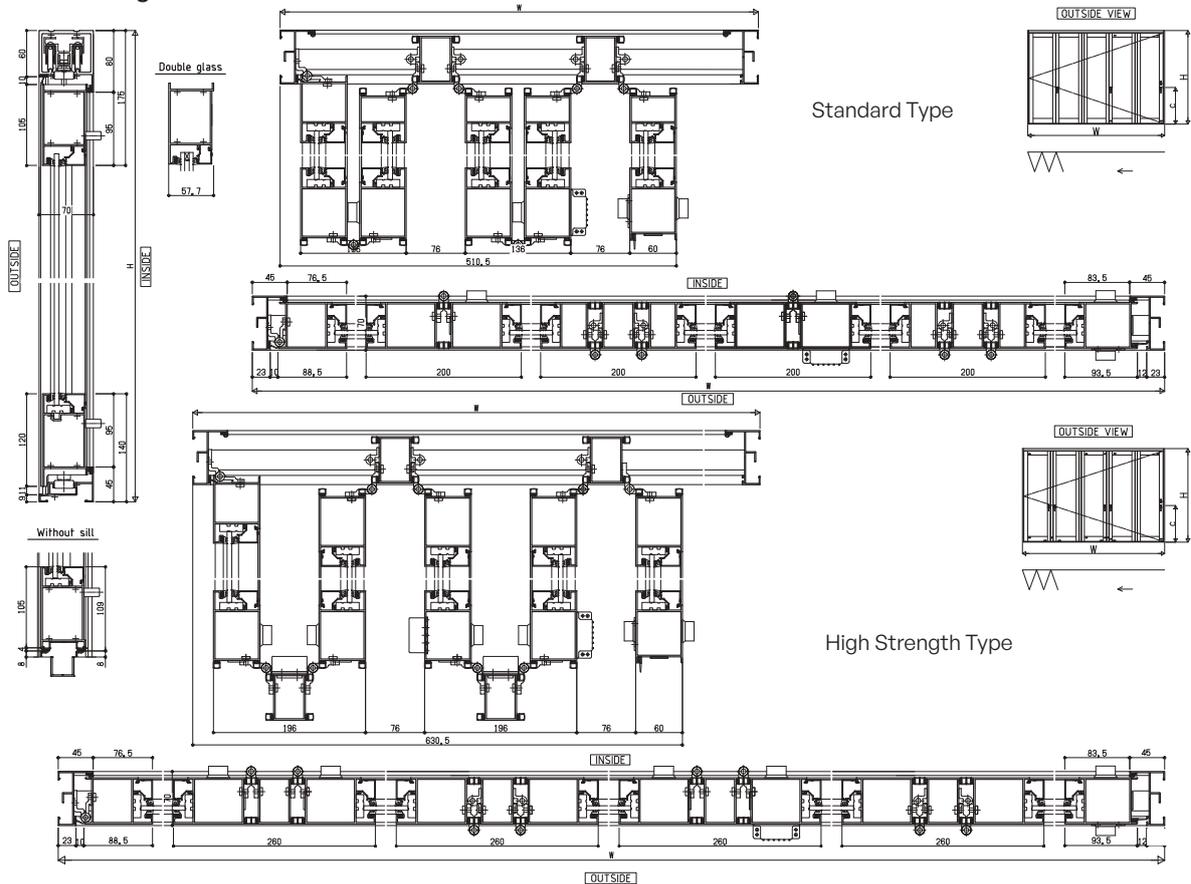
FOLDING DOOR

System Drawing & Size Limitation

4 Leaves Outswing



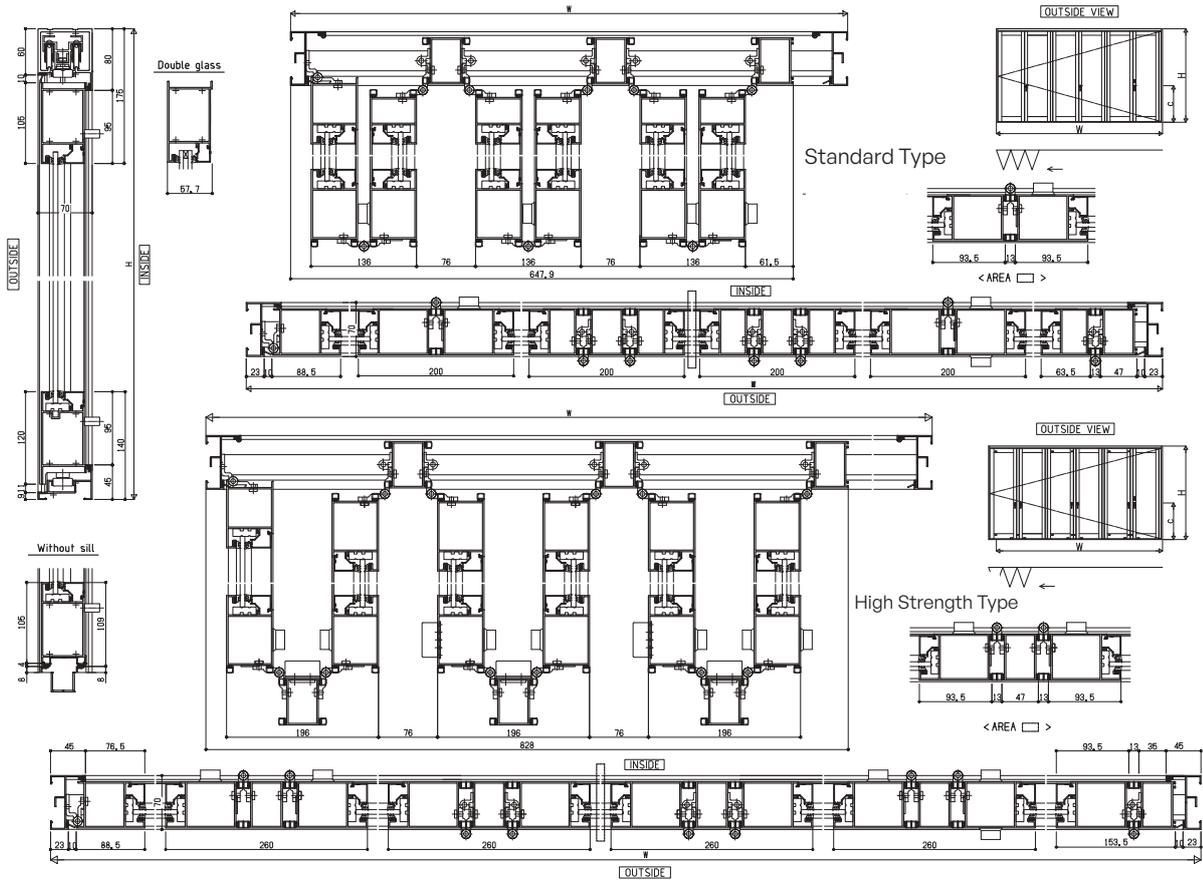
5 Leaves Outswing



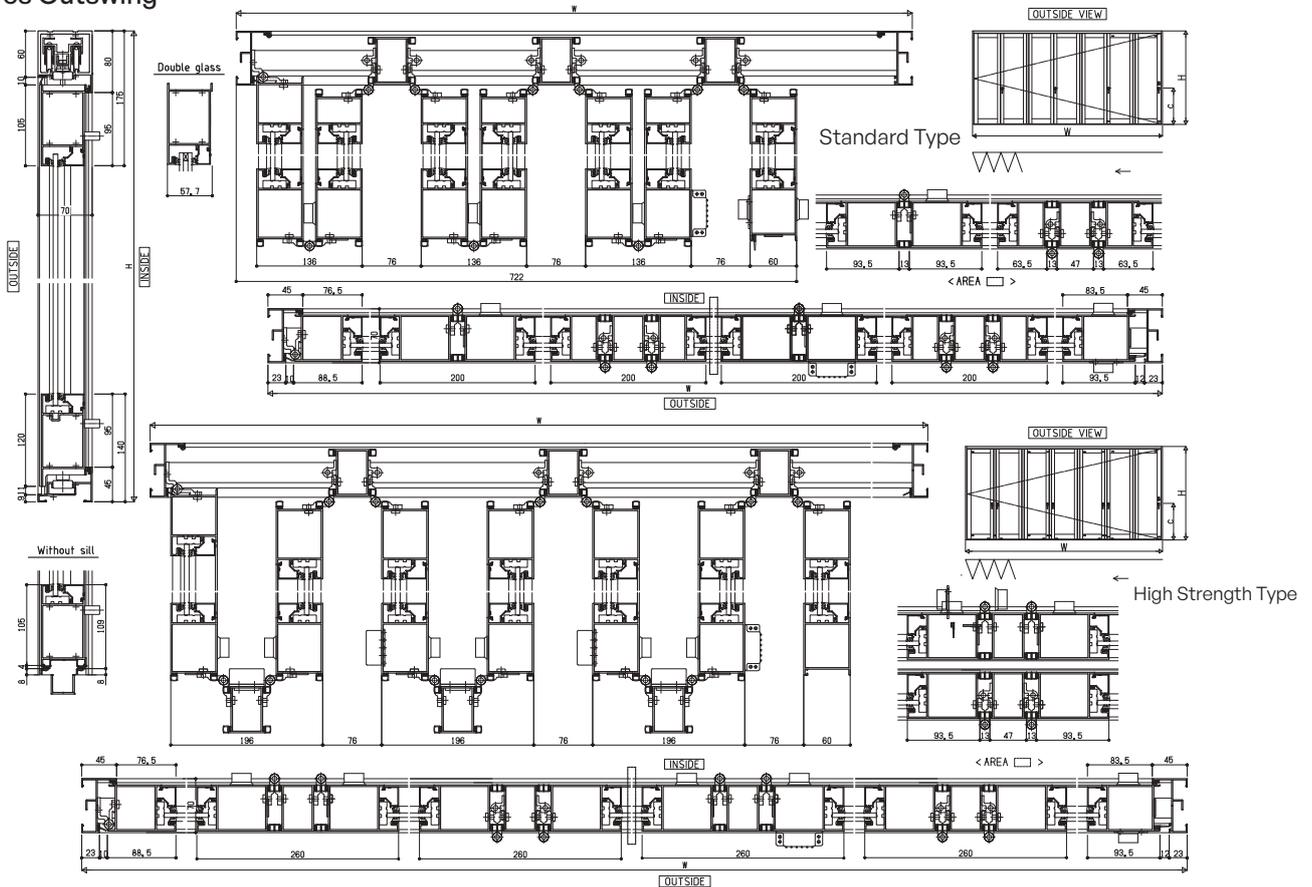
FOLDING DOOR

System Drawing & Size Limitation

6 Leaves Outswing



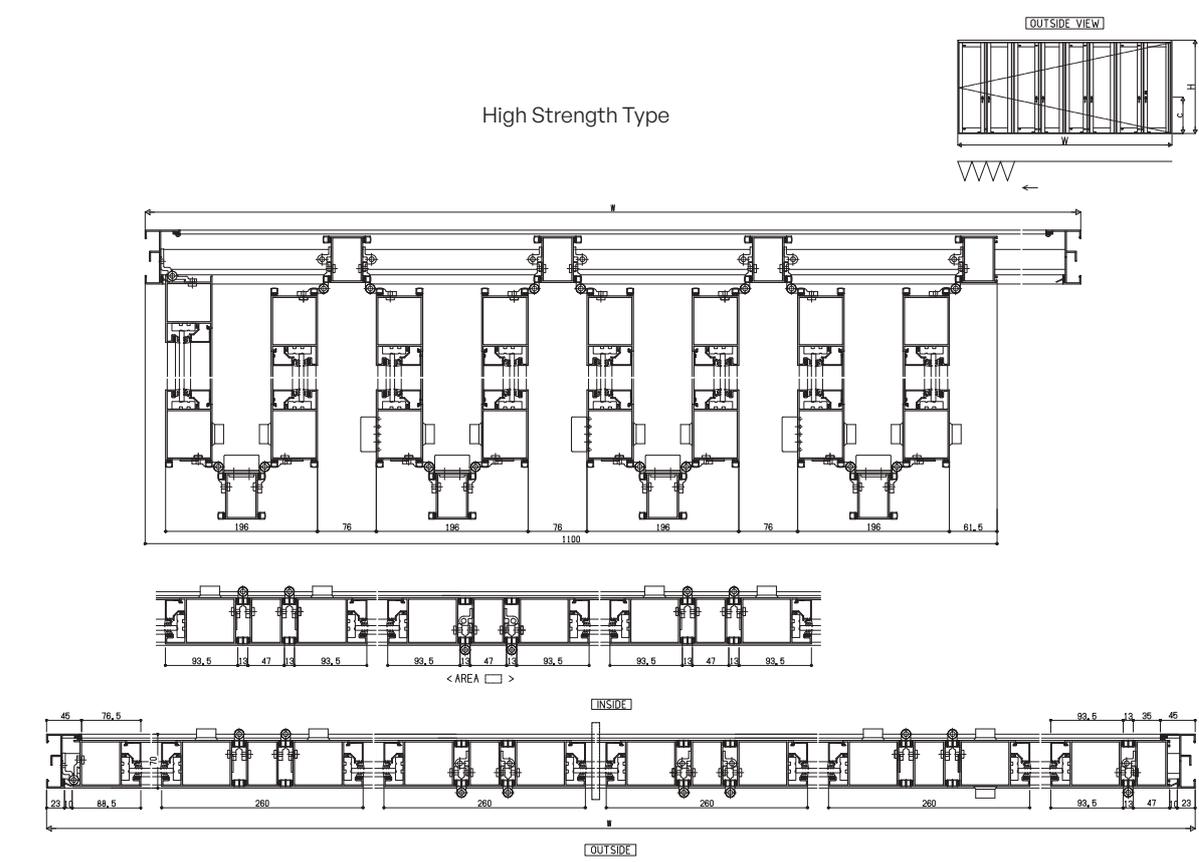
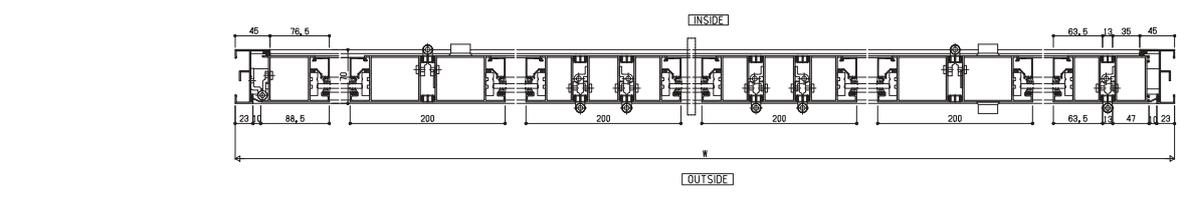
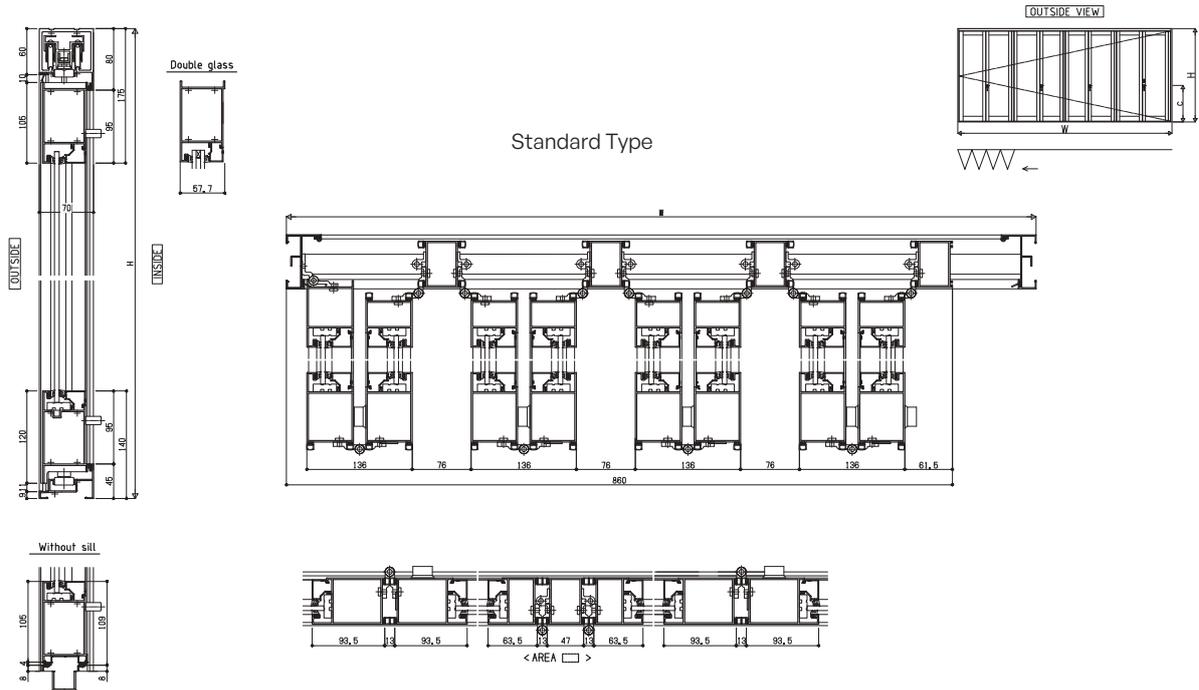
7 Leaves Outswing



FOLDING DOOR

System Drawing & Size Limitation

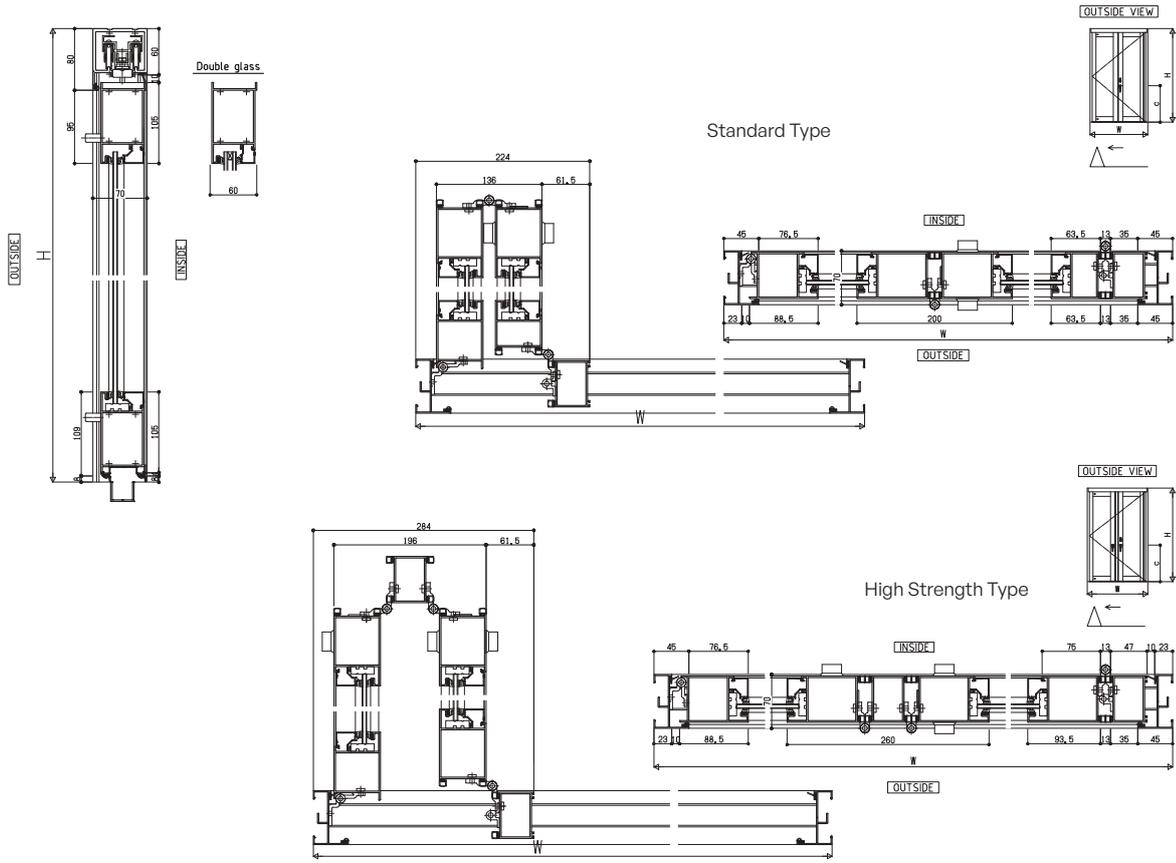
8 Leaves Outswing



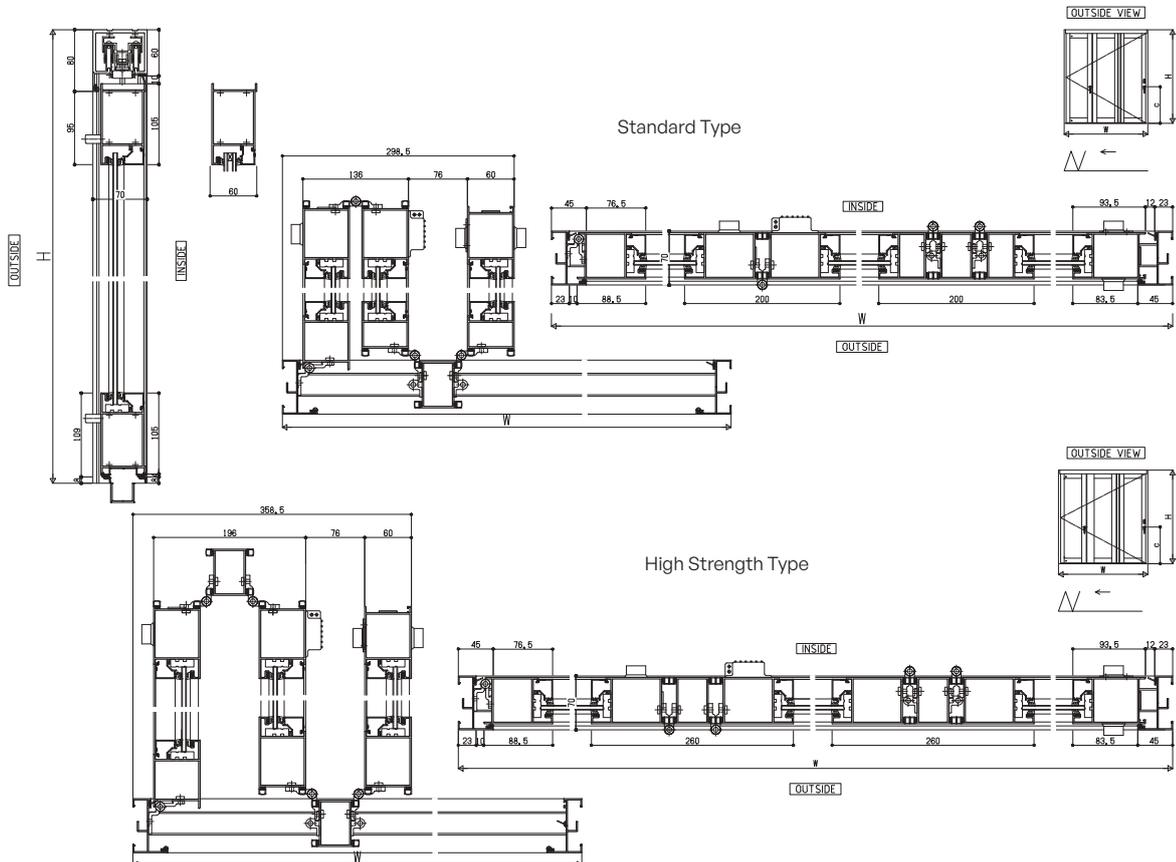
FOLDING DOOR

System Drawing & Size Limitation

2 Leaves Inswing



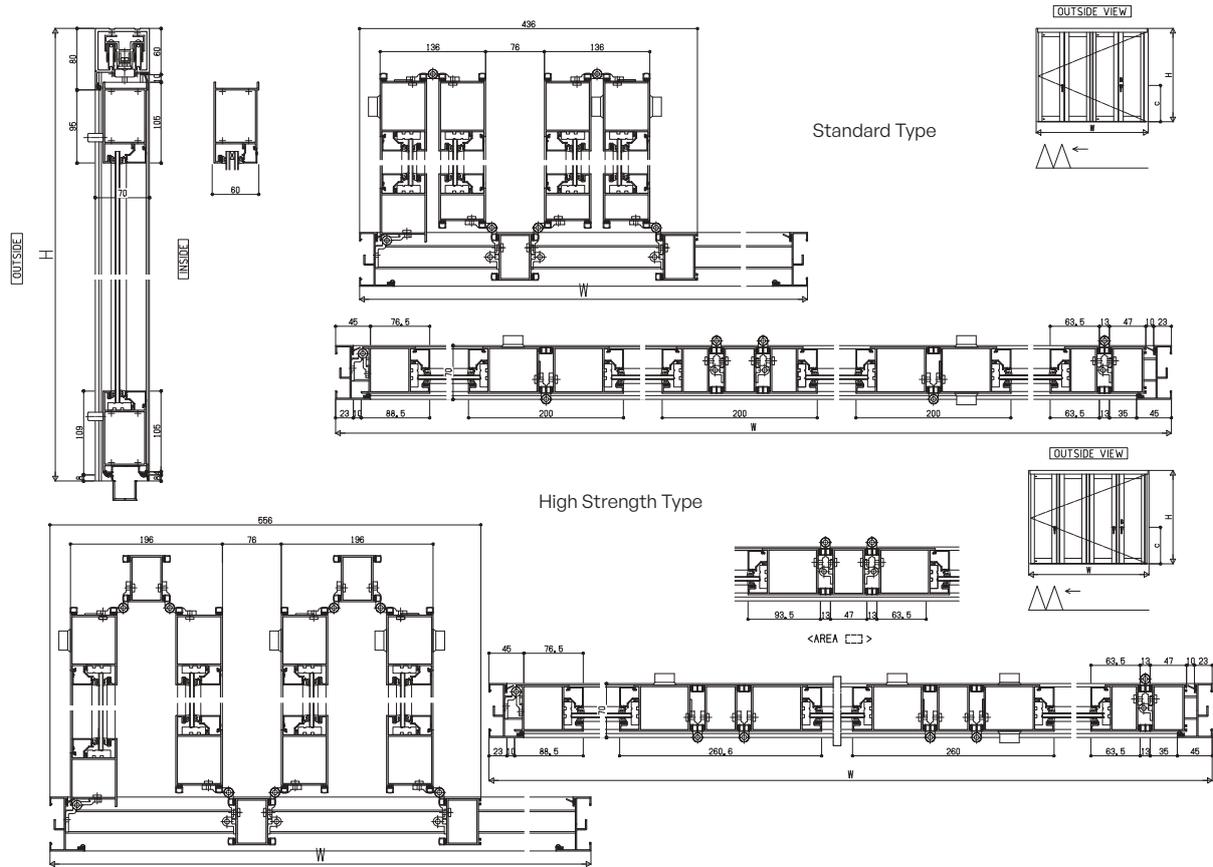
3 Leaves Inswing



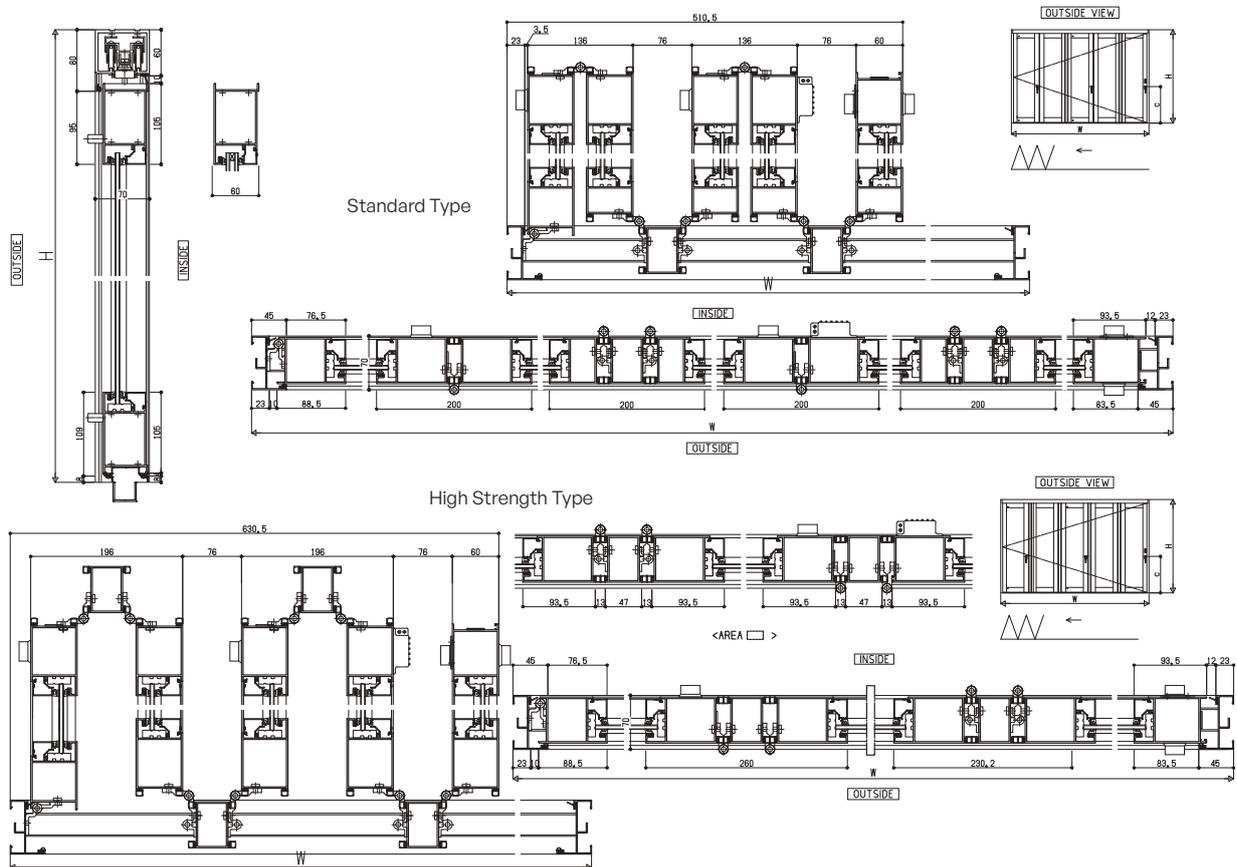
FOLDING DOOR

System Drawing & Size Limitation

4 Leaves Inswing



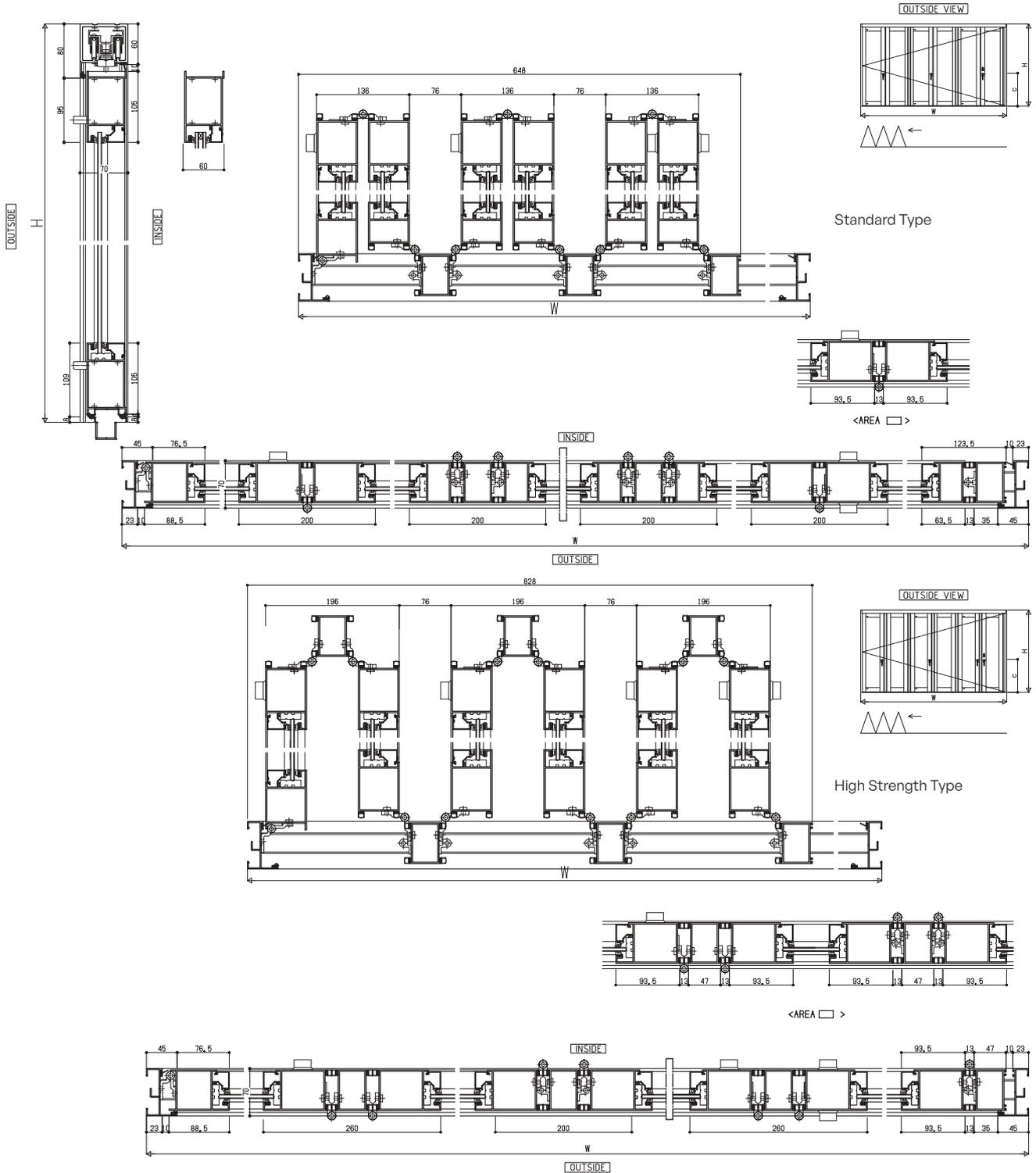
5 Leaves Inswing



FOLDING DOOR

System Drawing & Size Limitation

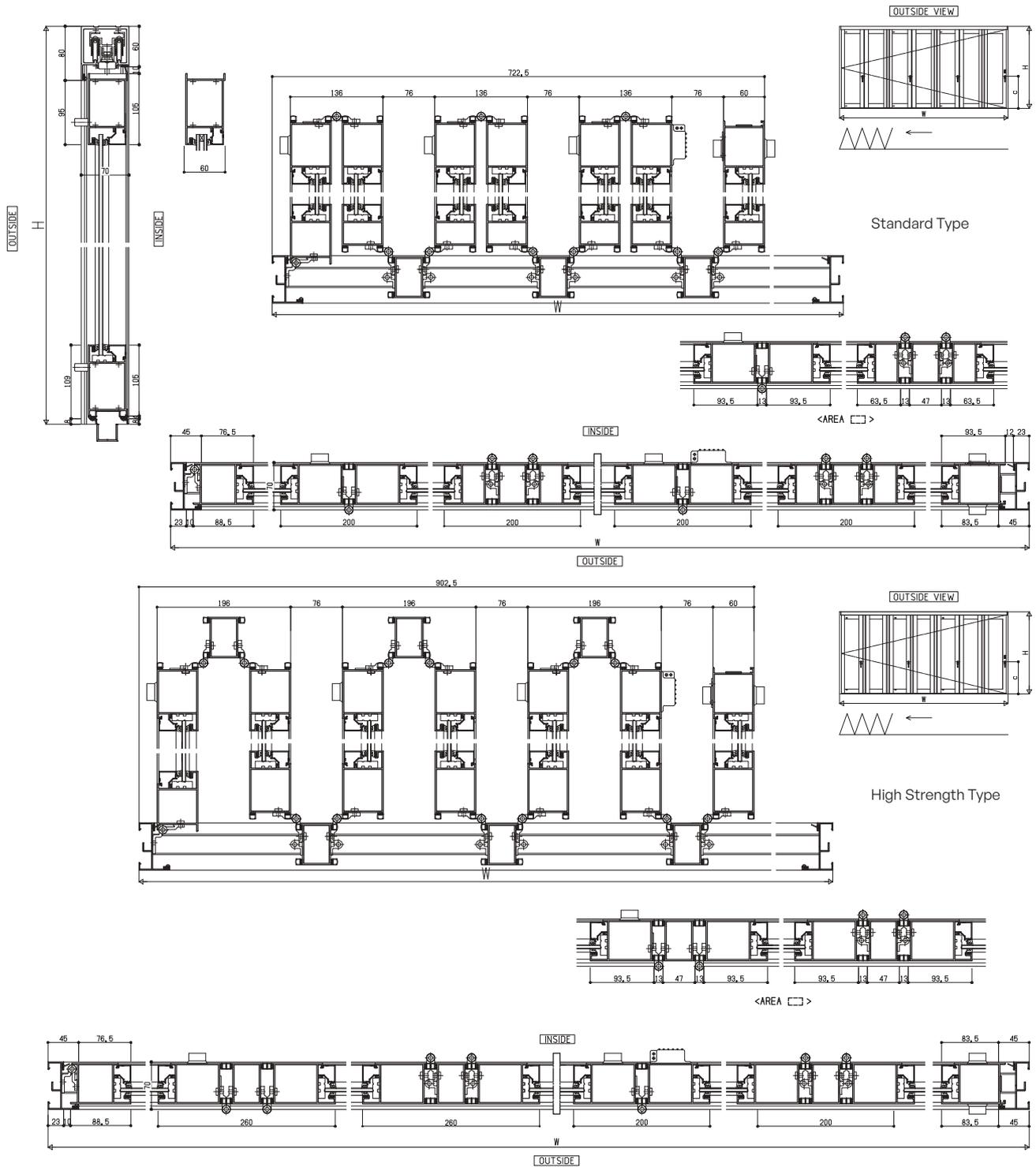
6 Leaves Inswing



FOLDING DOOR

System Drawing & Size Limitation

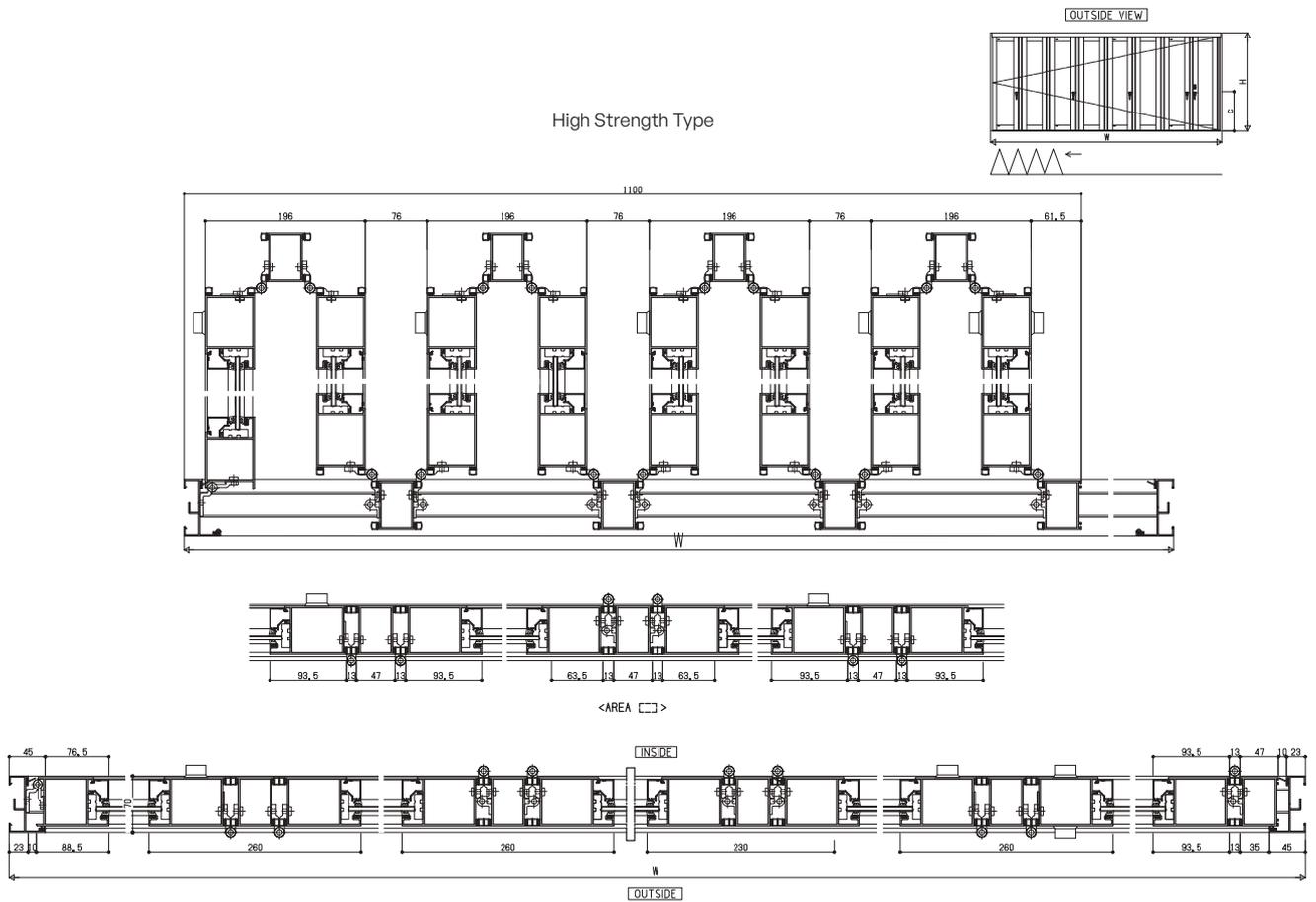
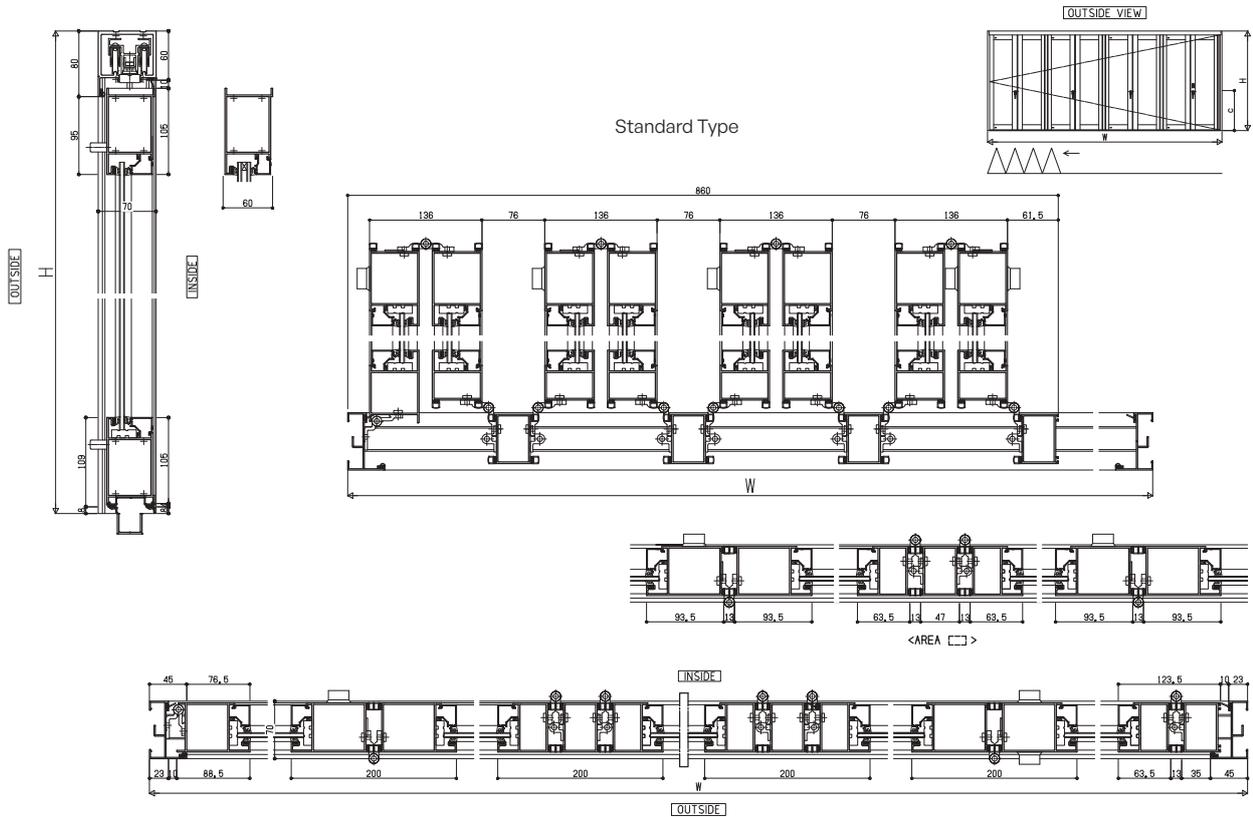
7 Leaves Inswing



FOLDING DOOR

System Drawing & Size Limitation

8 Leaves Inswing



BOVENLICHT & LOUVER

Bovenlicht

Bovenlicht provides an airy feel and luminous light.

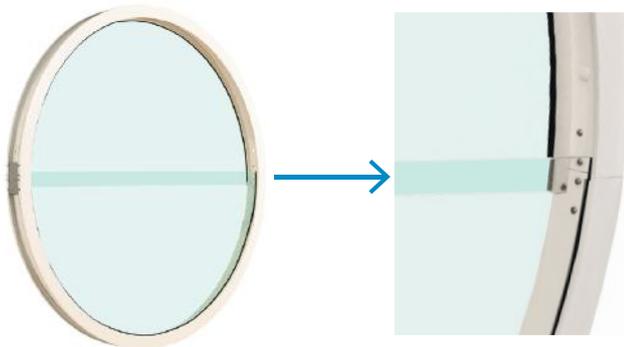


Louver

Louver brings an additions air circulation and insect screen.



Round Type

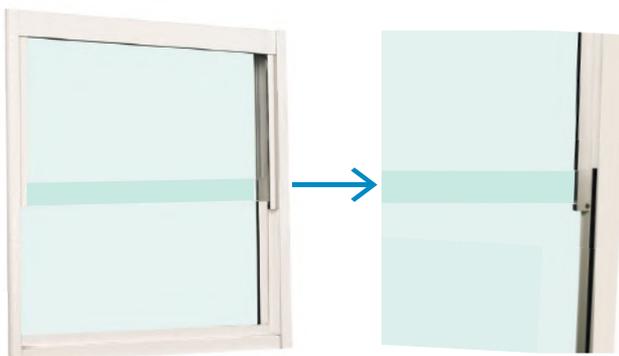


Inside



Inside

Square Type



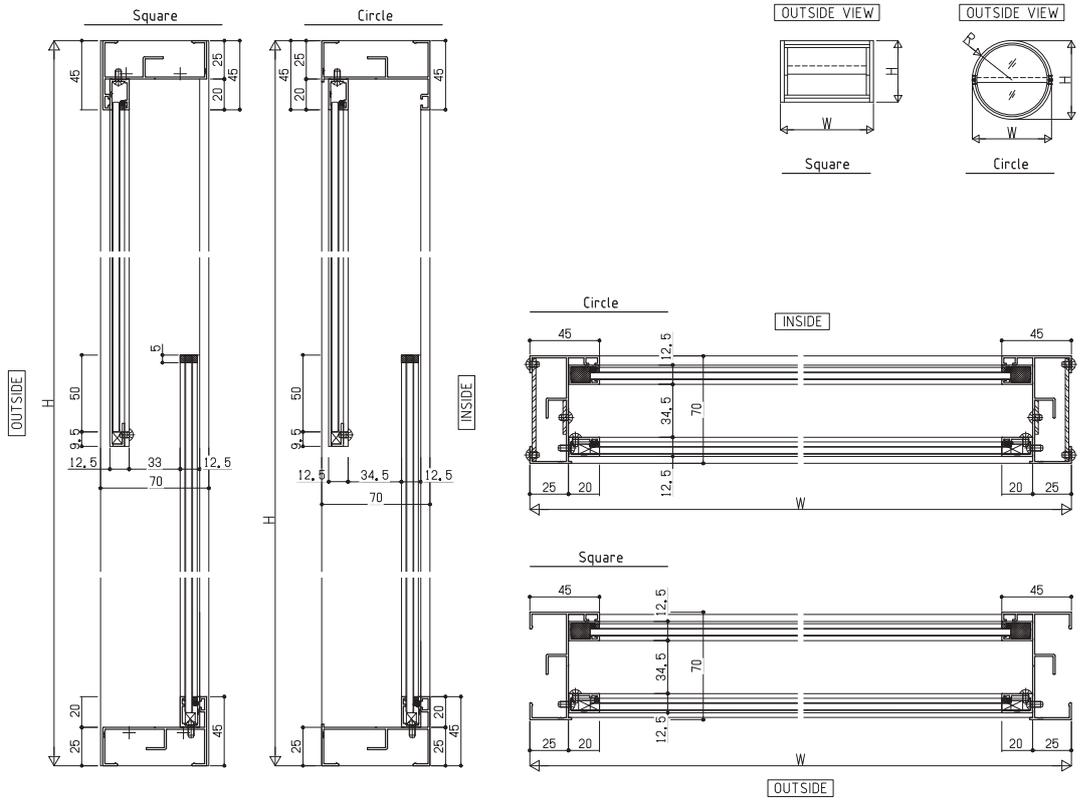
Inside



Outside

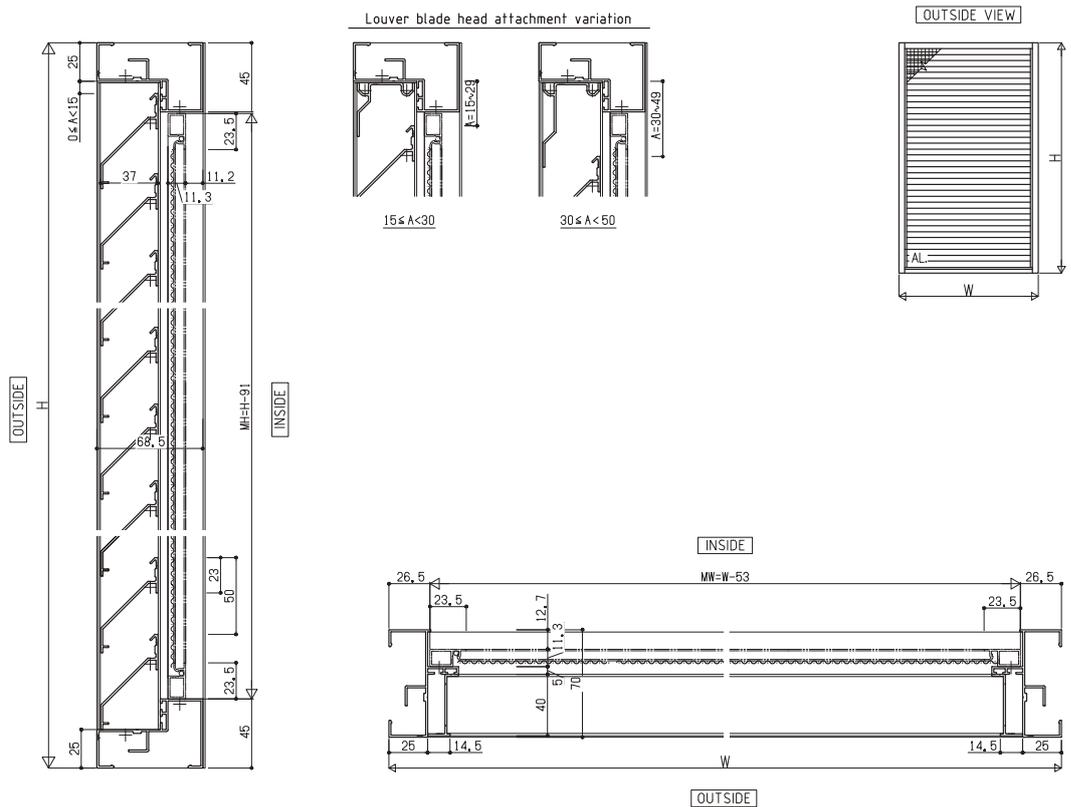
Bovenlicht

	
W $600 \leq W \leq 800$	R ≥ 600
H $400 \leq H \leq 600$	



Louwer

W $600 \leq W \leq 800$	H $700 \leq H \leq 1400$
-------------------------	--------------------------



COMMON OPTION LATTICE



VARIATION

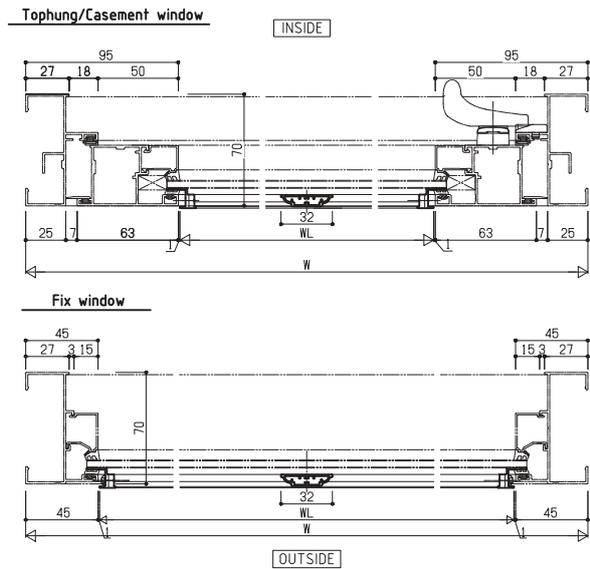
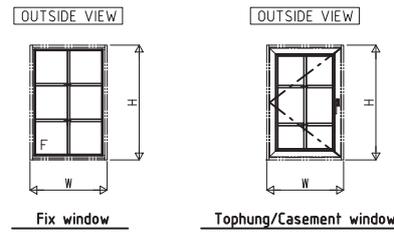
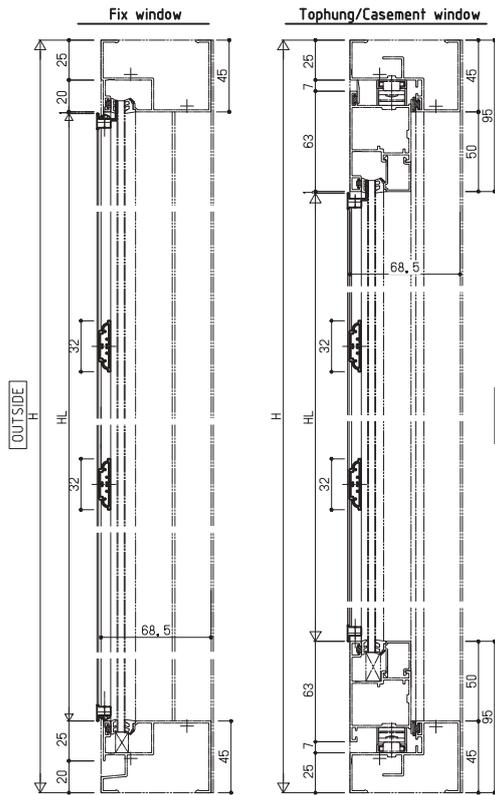
		FRAME TYPE				
		Trapezoid	Decorative	Flat	Stick on Glass Flat	Bevelled
Standard Sliding					●	
Wide View Sliding					●	
Top Hung	A,B-Type	●	●	●	●	●
	LS-Type	●	●	●	●	
Casement	A,B-Type	●	●	●	●	○
	LS-Type	●	●	●	●	
Fix		●	●	●	●	
Door		●	●	●	●	
Folding Door		●	●	●	●	

● Available ○ Available, glazing with sealant

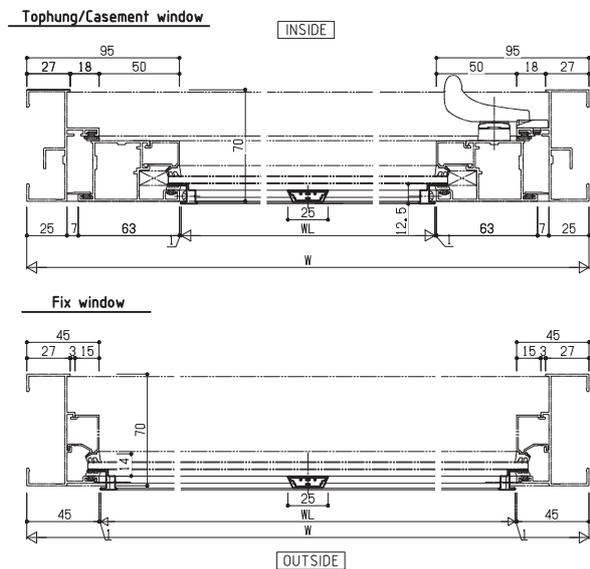
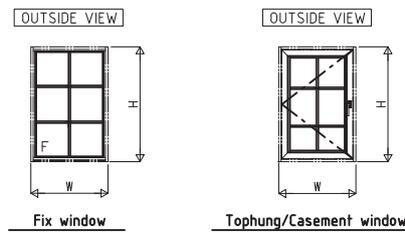
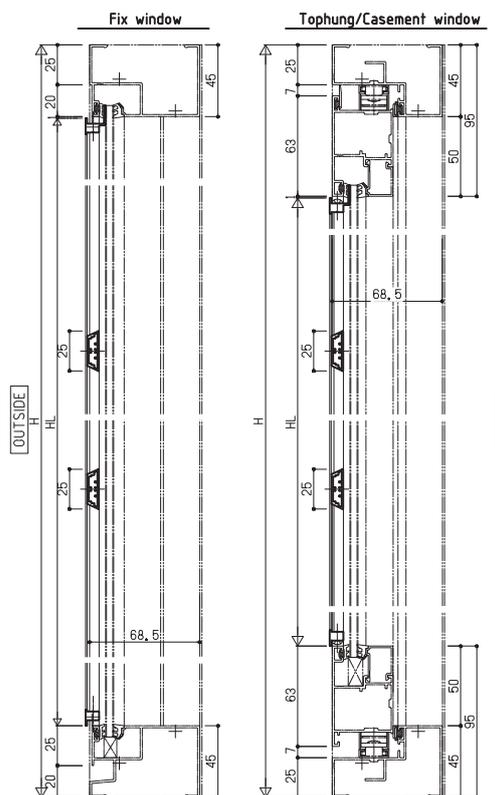
COMMON OPTION LATTICE

System Drawing & Size Limitation

Decora

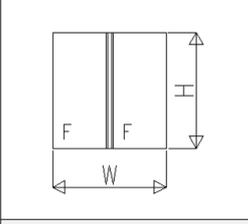
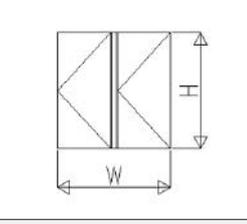
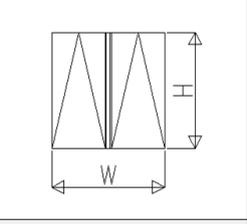
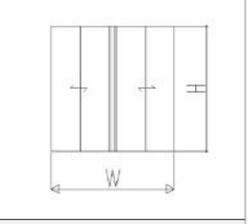


Trapezoid



COMMON OPTION MULLION

VARIATION

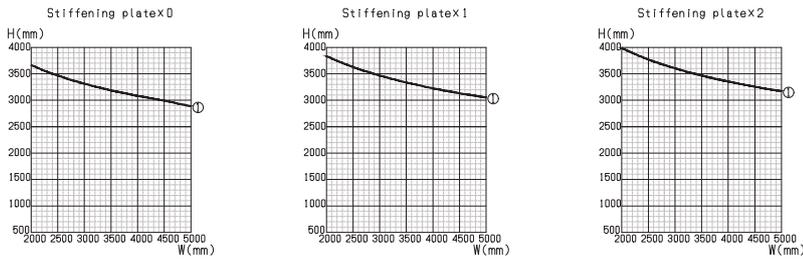
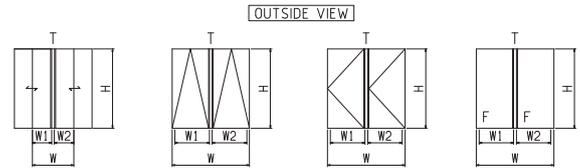
		Variation			
					
		Fix-Fix	Casement-Casement	Top Hung-Top Hung	Sliding-Sliding
Standard-Type		●	●	●	●
Strong-Type		●	●	●	●

● Available

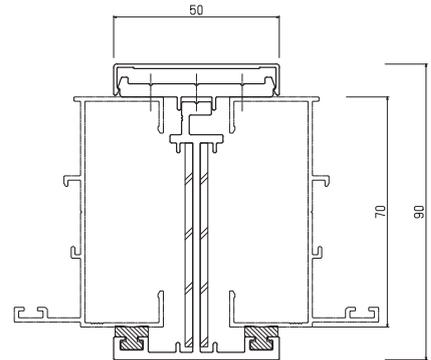
COMMON OPTION MULLION System Drawing & Size Limitation

T-Mullion Standard SL-SL / TH-TH / CA-CA / FIX-FIX

Available for
 SL : 2 & 4 Leaves glass groove 12 mm & 14 mm
 FIX : glass groove 14 mm and 24 mm
 TH & CA : glass groove 14 mm, 18 mm, 24 mm, and 26 mm



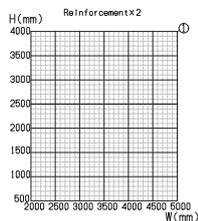
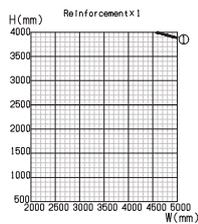
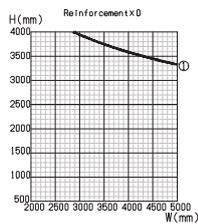
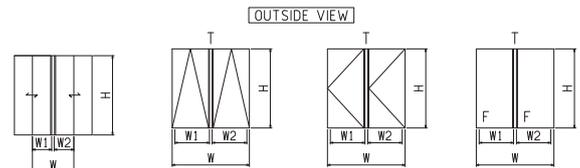
PRESSURE	
1	600Pa



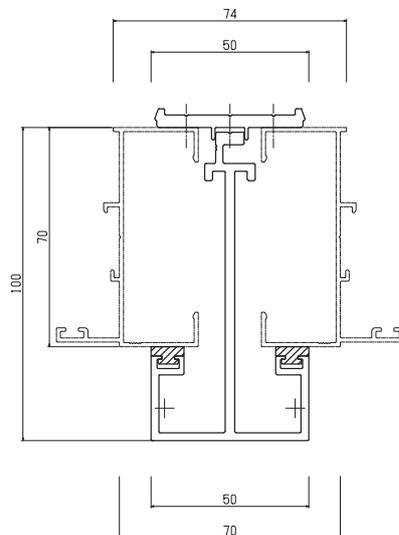
In case of FIX-FIX, $W_1 = W_2$

T-Mullion High Strength SL-SL / TH-TH / CA-CA / FIX-FIX

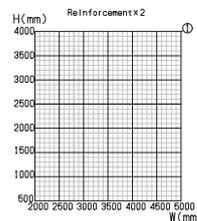
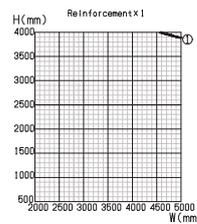
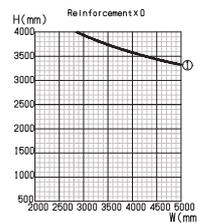
Available for
 SL : 2 & 4 Leaves glass groove 12 mm & 14 mm
 FIX : glass groove 14 mm and 24 mm
 TH & CA : glass groove 14 mm, 18 mm, 24 mm, and 26 mm



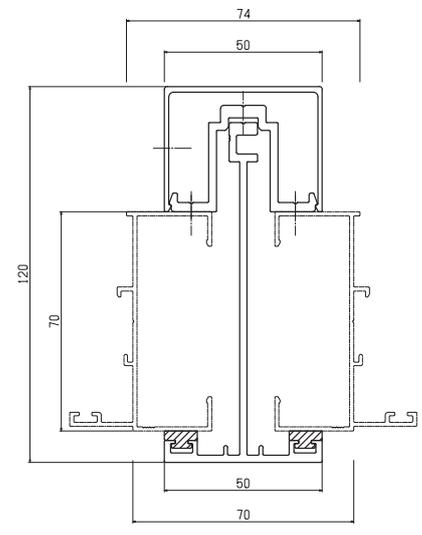
Protruding Outside



PRESSURE	
1	600Pa



Protruding Inside



PRESSURE	
1	600Pa

T-Mullion Combination SL-SL / TH-TH / CA-CA / FIX-FIX

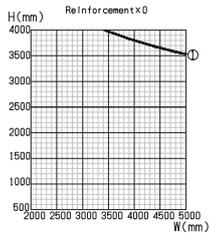
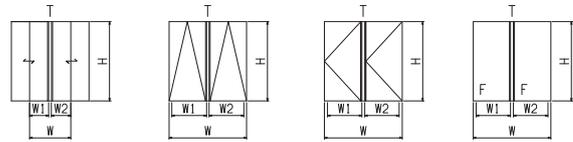
Available for

SL : 2 & 4 Leaves glass groove 12 mm, 14 mm, and 22 mm

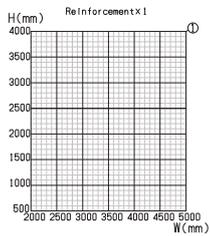
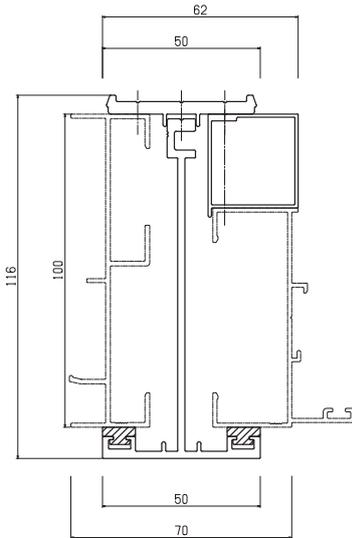
FIX : glass groove 14 mm and 24 mm

TH & CA : glass groove 14 mm, 18 mm, 24 mm, and 26 mm

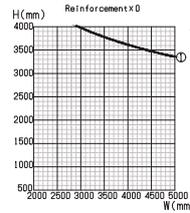
OUTSIDE VIEW



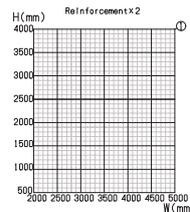
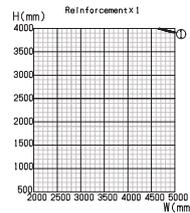
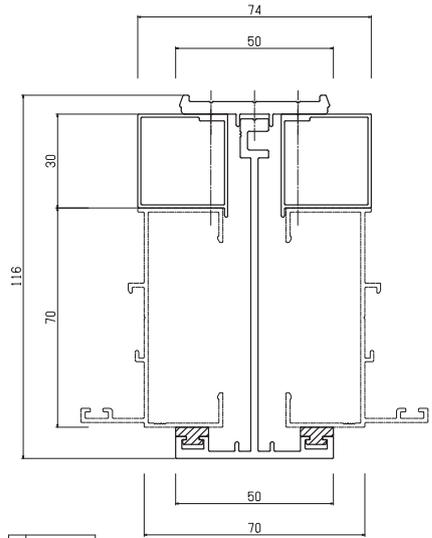
Combination 100 - 70



PRESSURE	
1	600Pa



Combination 70 - 70



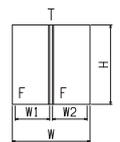
PRESSURE	
1	600Pa

T-MULLION FIX-FIX

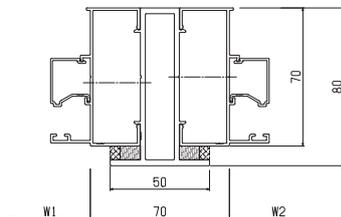
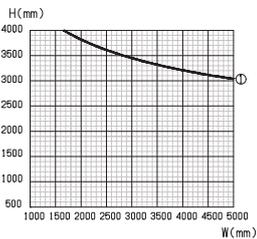
Available for

glass groove 14 mm and 24 mm

OUTSIDE VIEW

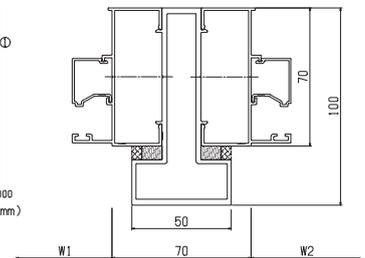
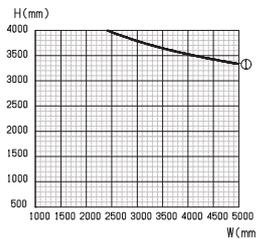


Standard Type



PRESSURE	
1	600Pa

Strong Type



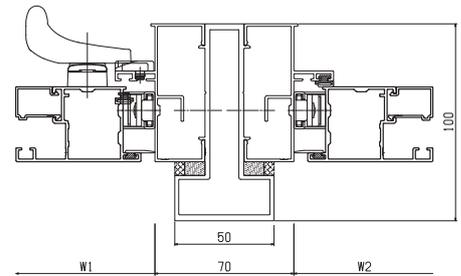
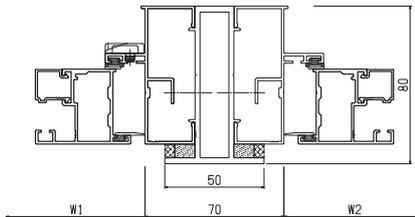
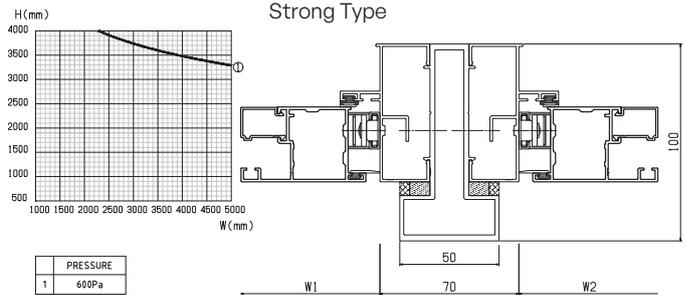
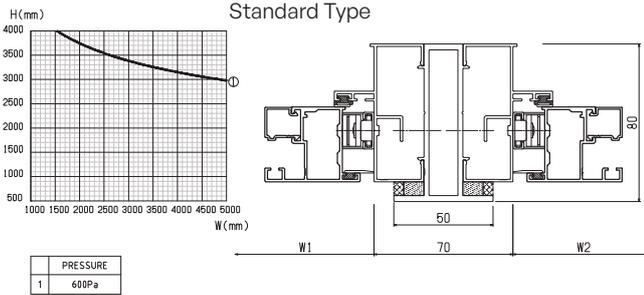
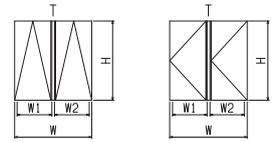
PRESSURE	
1	600Pa

COMMON OPTION MULLION System Drawing & Size Limitation

T-MULLION TH-TH, CA-CA

Available for glass groove 14 mm, 18 mm, 24 mm, 26 mm

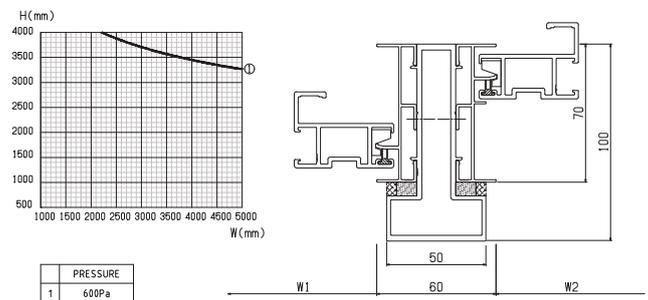
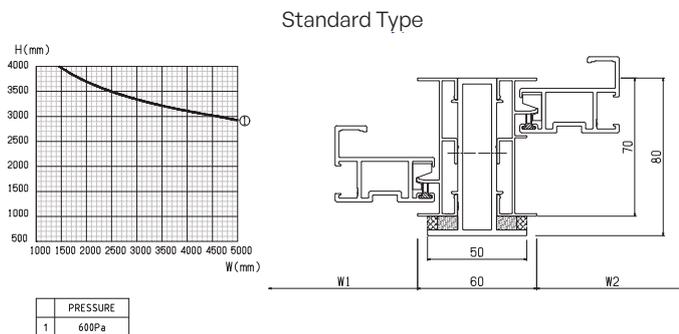
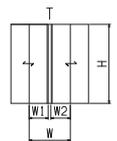
OUTSIDE VIEW



T - MULLION SL-SL

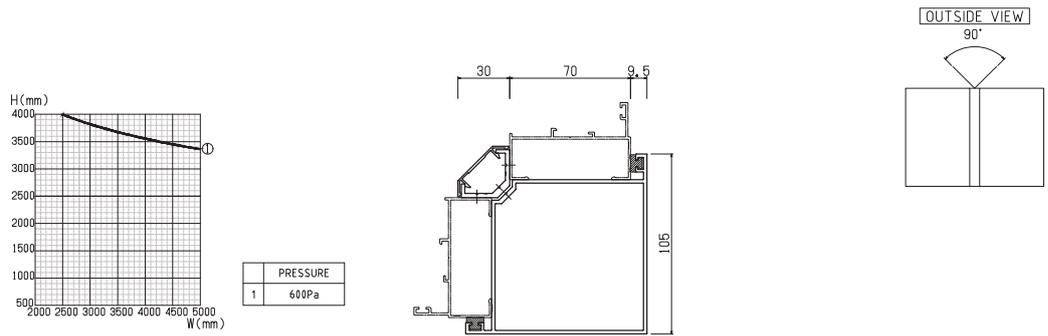
Available for 2 & 4 Leaves, glass groove 12 mm and 14 mm

OUTSIDE VIEW



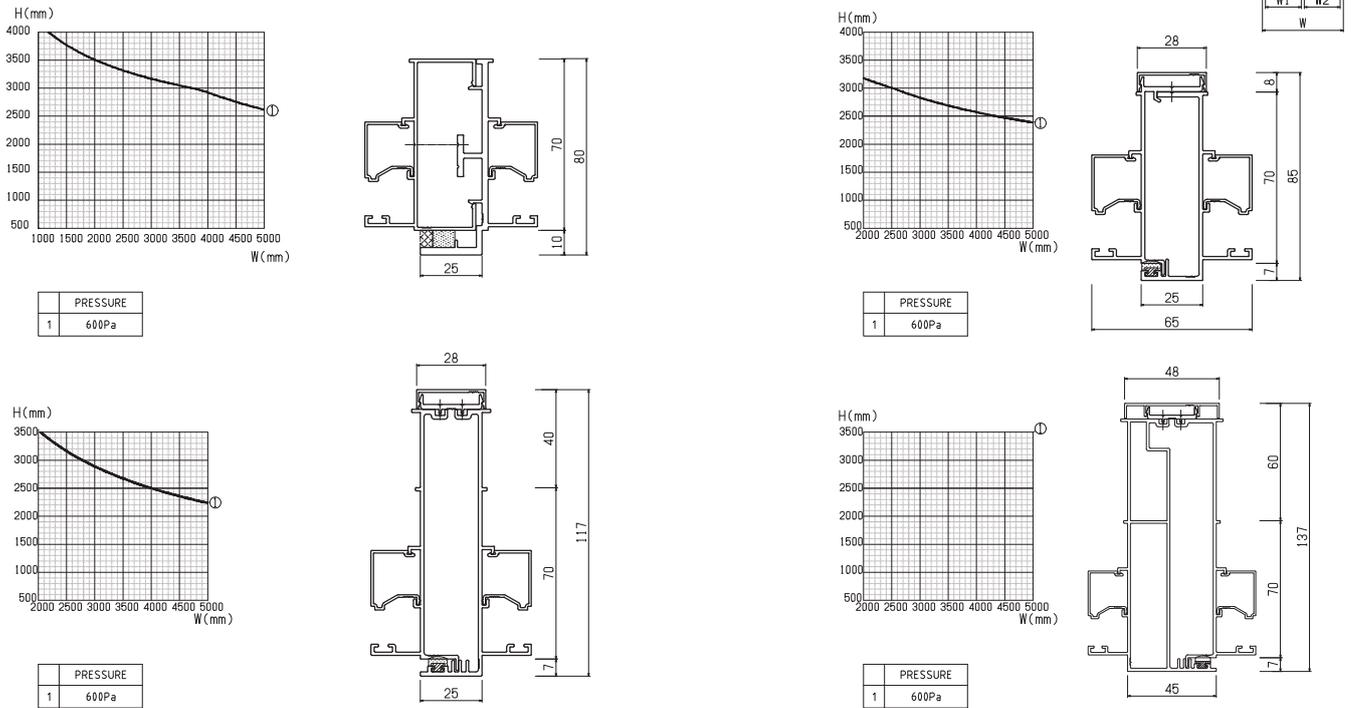
COMMON OPTION MULLION System Drawing & Size Limitation

Corner Mullion



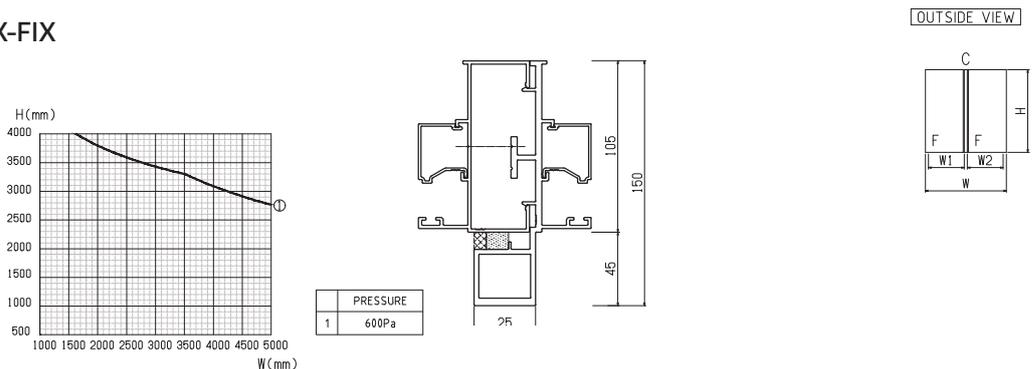
Coupling Mullion Standard FIX-FIX

Available for glass groove 14 mm and 24 mm



Coupling Mullion Strong FIX-FIX

Available for glass groove 12 mm and 24 mm

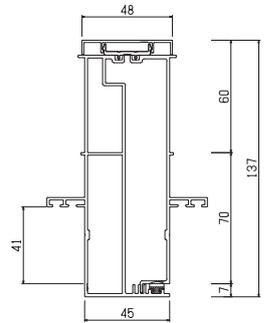
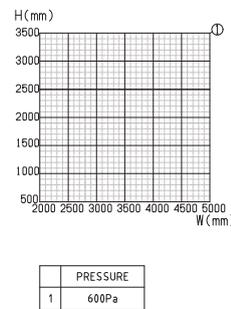
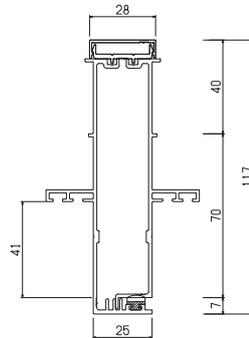
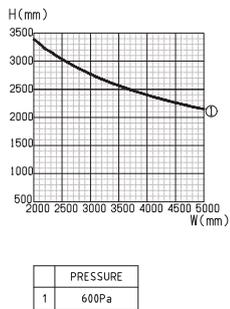
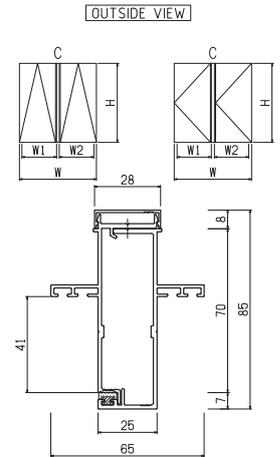
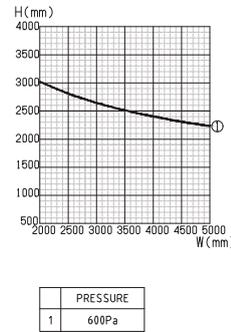
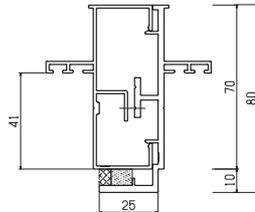
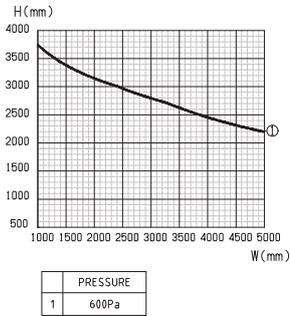


COMMON OPTION MULLION

System Drawing & Size Limitation

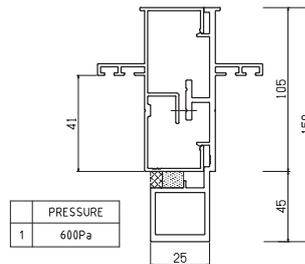
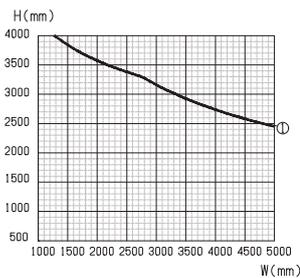
Coupling Mullion Standard TH-TH, CA-CA

Available for
glass groove 12 mm and 24 mm

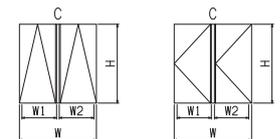


Coupling Mullion Strong TH-TH, CA-CA

Available for
glass groove 14 mm and 24 mm



OUTSIDE VIEW



COMMON OPTION TRANSOM

VARIATION

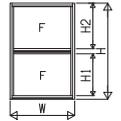
● Samples in this catalog

		Upper			
		Fix	Casement	Top hung	Sliding
Lower	FIX				
	Casement				
	Top hung				
	Sliding				
	Door				

COMMON OPTION TRANSOM System Drawing & Size Limitation

FIX/FIX

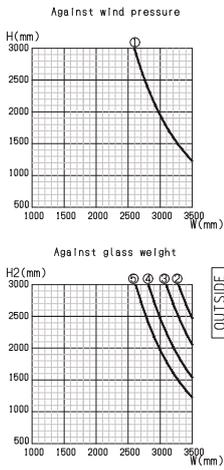
OUTSIDE VIEW



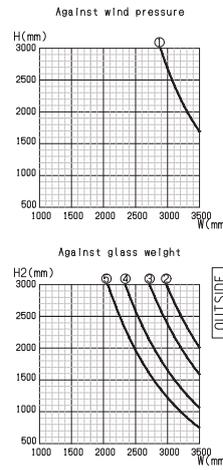
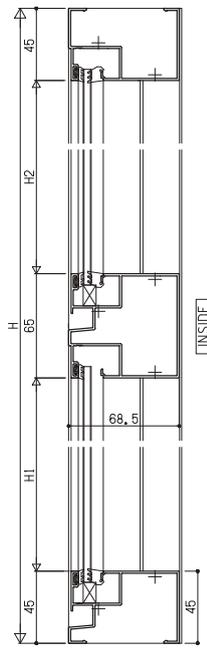
Transom 65
Glass groove 14mm

Transom 100
Glass groove 14mm

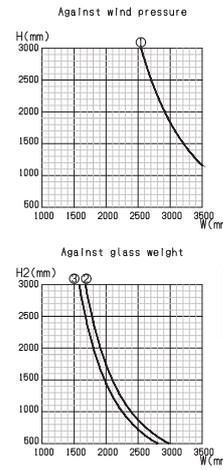
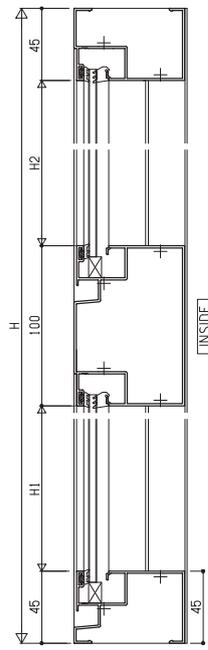
Glass groove 24mm



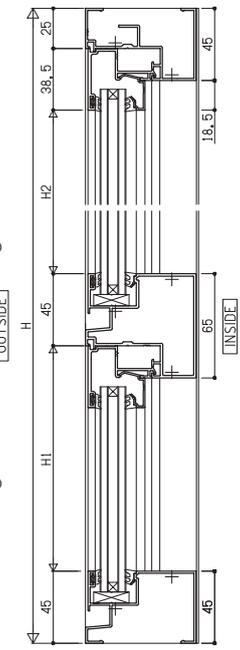
PRESSURE	
1	600Pa
2	5mmTHK
3	6mmTHK
4	8mmTHK
5	10mmTHK



PRESSURE	
1	600Pa
2	5mmTHK
3	6mmTHK
4	8mmTHK
5	10mmTHK



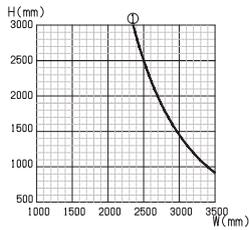
PRESSURE	
1	600Pa
2	5+6+5mmTHK
3	6+6+6mmTHK



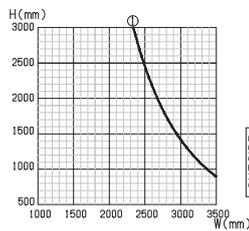
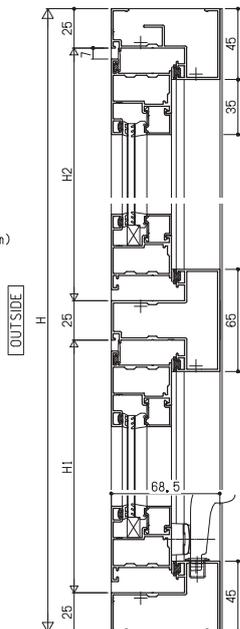
TH/TH, TH/CA

Glass groove 14mm & 24mm

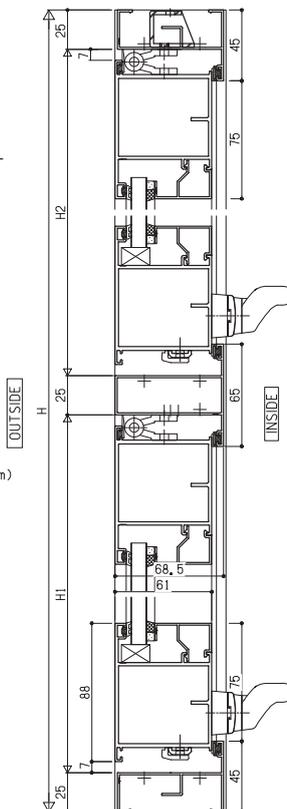
Glass groove 18mm & 26mm



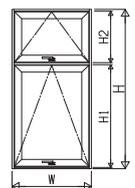
PRESSURE	
1	600Pa



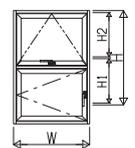
PRESSURE	
1	600Pa



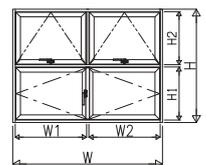
OUTSIDE VIEW



OUTSIDE VIEW



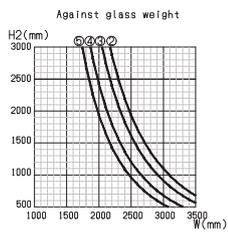
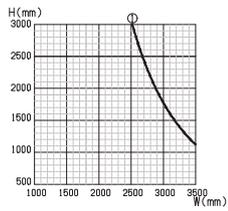
OUTSIDE VIEW



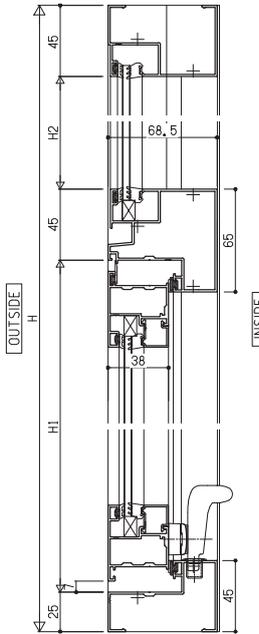
COMMON OPTION TRANSOM System Drawing & Size Limitation

FIX/TH, FIX/CA

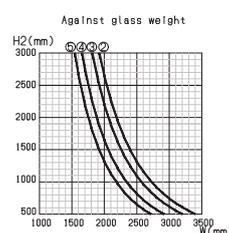
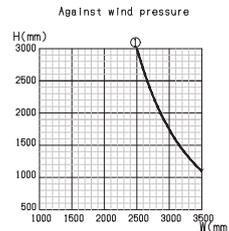
F: Glass groove 14mm
TH/CA: Glass groove 14mm & 24mm



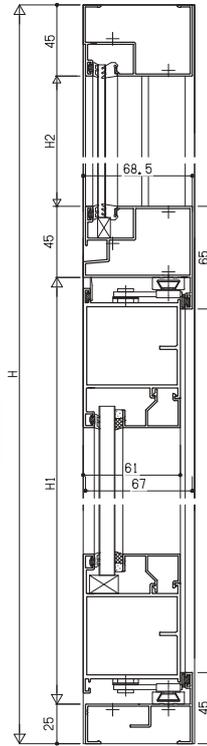
PRESSURE
1 600Pa
2 5mmTHK
3 6mmTHK
4 8mmTHK
5 10mmTHK



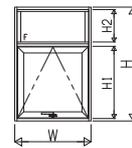
F: Glass groove 14mm
TH/CA: Glass groove 18mm & 26mm



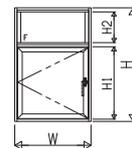
PRESSURE
1 600Pa
2 5mmTHK
3 6mmTHK
4 8mmTHK
5 10mmTHK



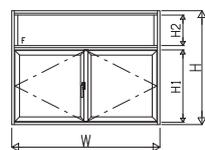
OUTSIDE VIEW



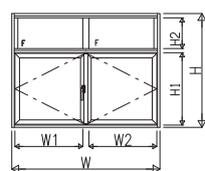
OUTSIDE VIEW



OUTSIDE VIEW

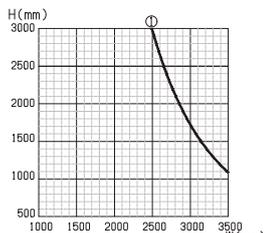


OUTSIDE VIEW

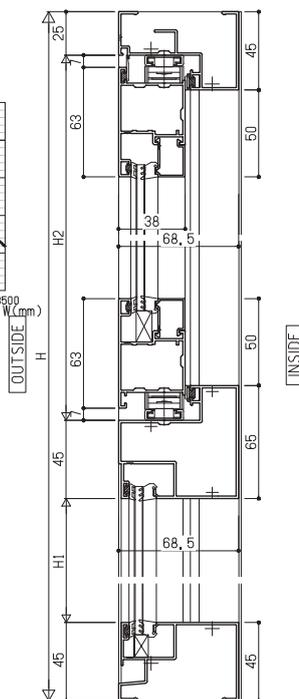


TH/FIX, CA/FIX

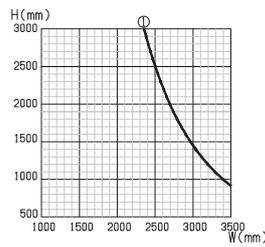
TH/CA: Glass groove 14mm & 24mm
F: Glass groove 14mm



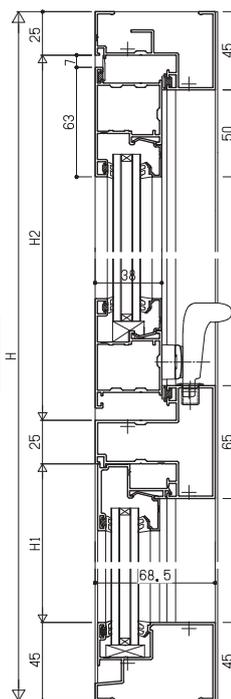
PRESSURE
1 600Pa



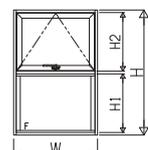
TH/CA: Glass groove 14mm & 24mm
F: Glass groove 24mm



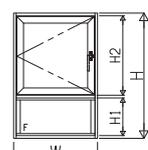
PRESSURE
1 600Pa



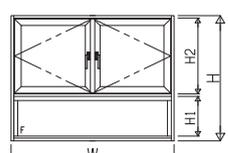
OUTSIDE VIEW



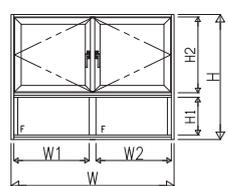
OUTSIDE VIEW



OUTSIDE VIEW

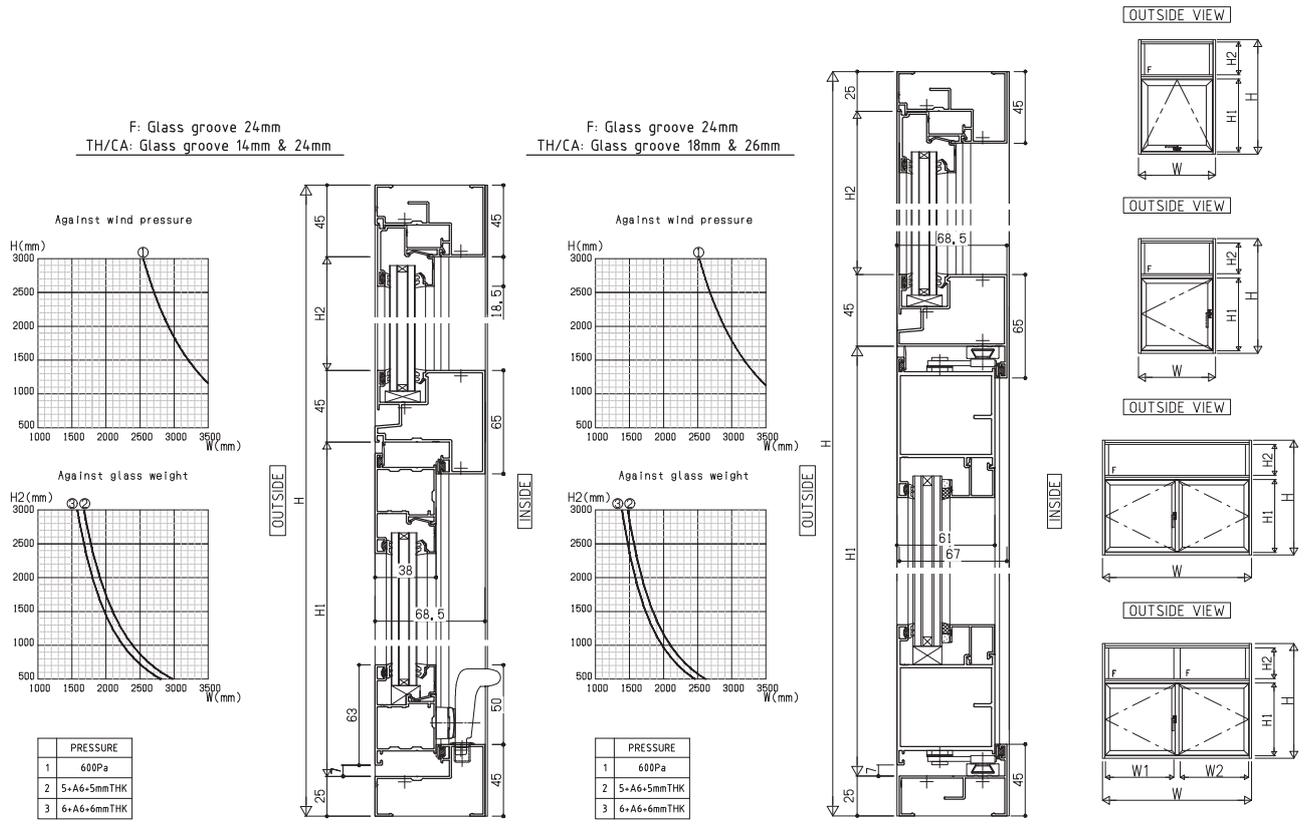


OUTSIDE VIEW

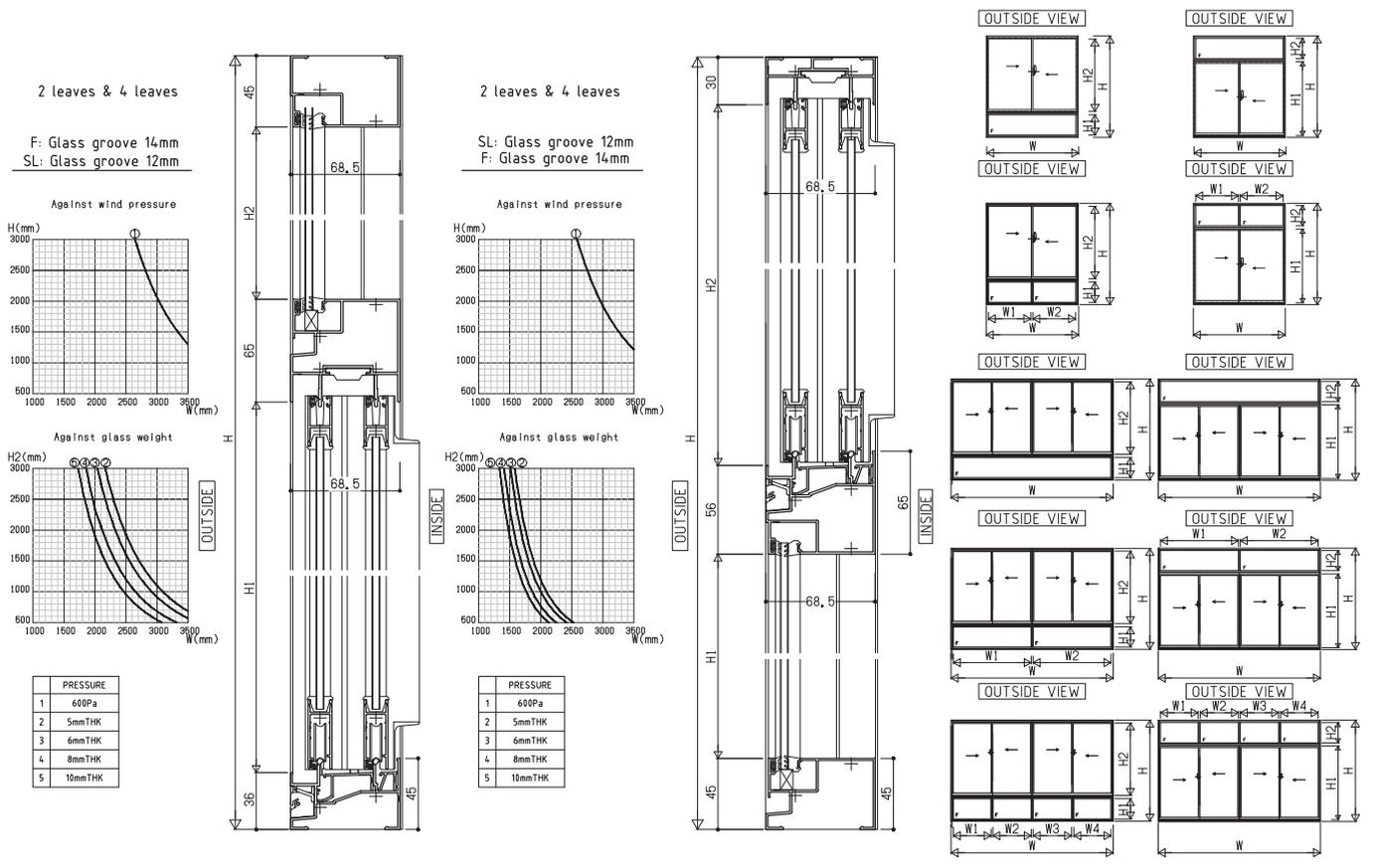


COMMON OPTION TRANSOM System Drawing & Size Limitation

Transom FIX/TH, FIX/CA

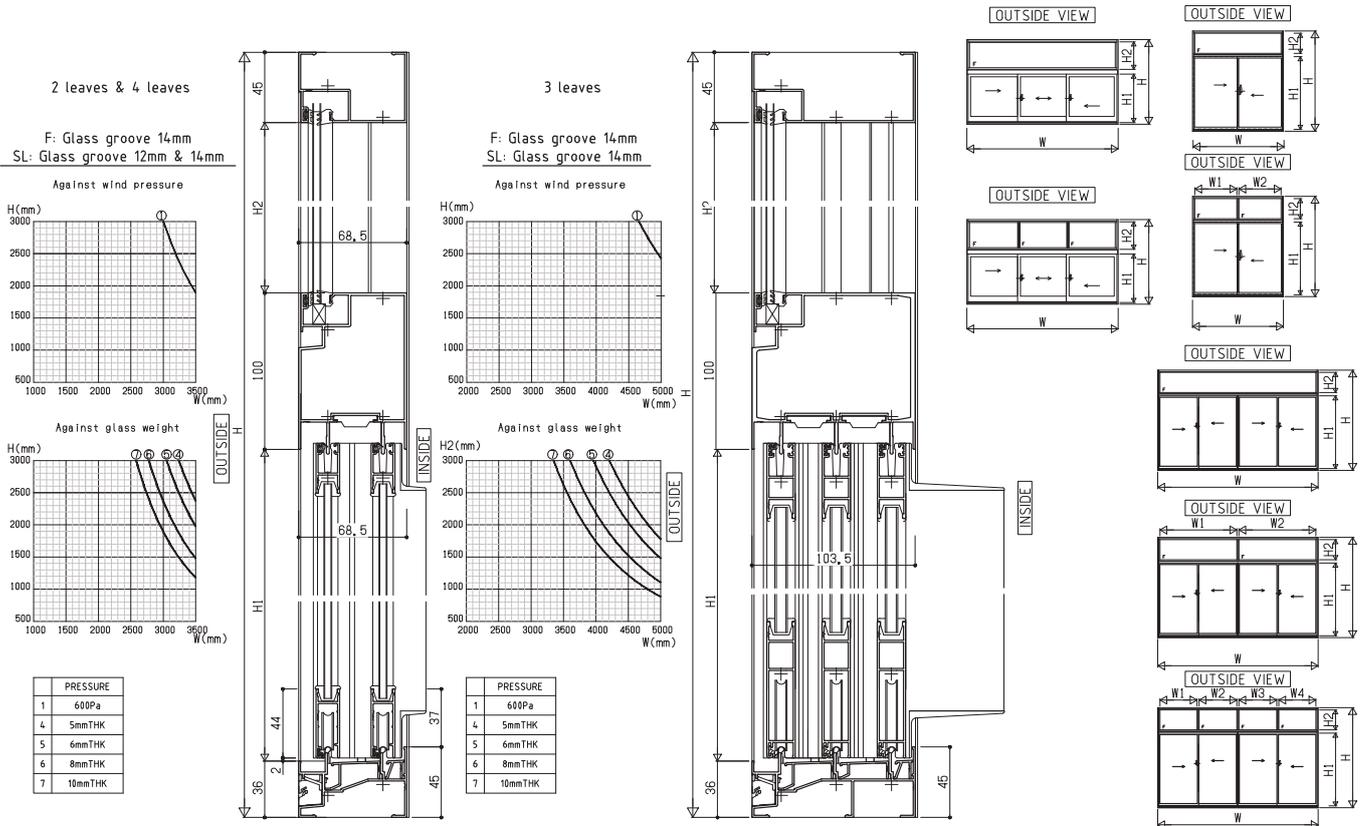


Transom 65 SL/FIX

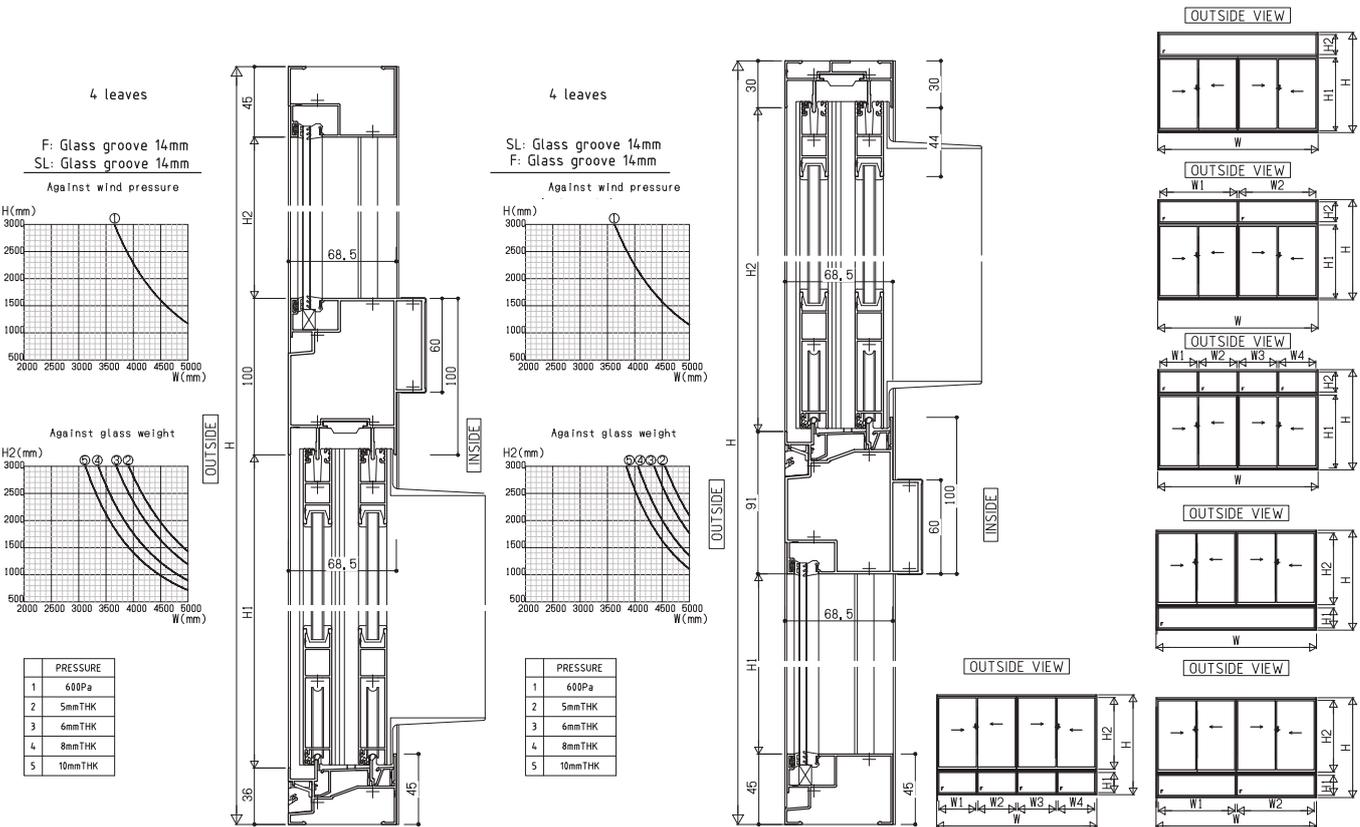


COMMON OPTION TRANSOM System Drawing & Size Limitation

Transom 100 FIX/SL, SL/FIX

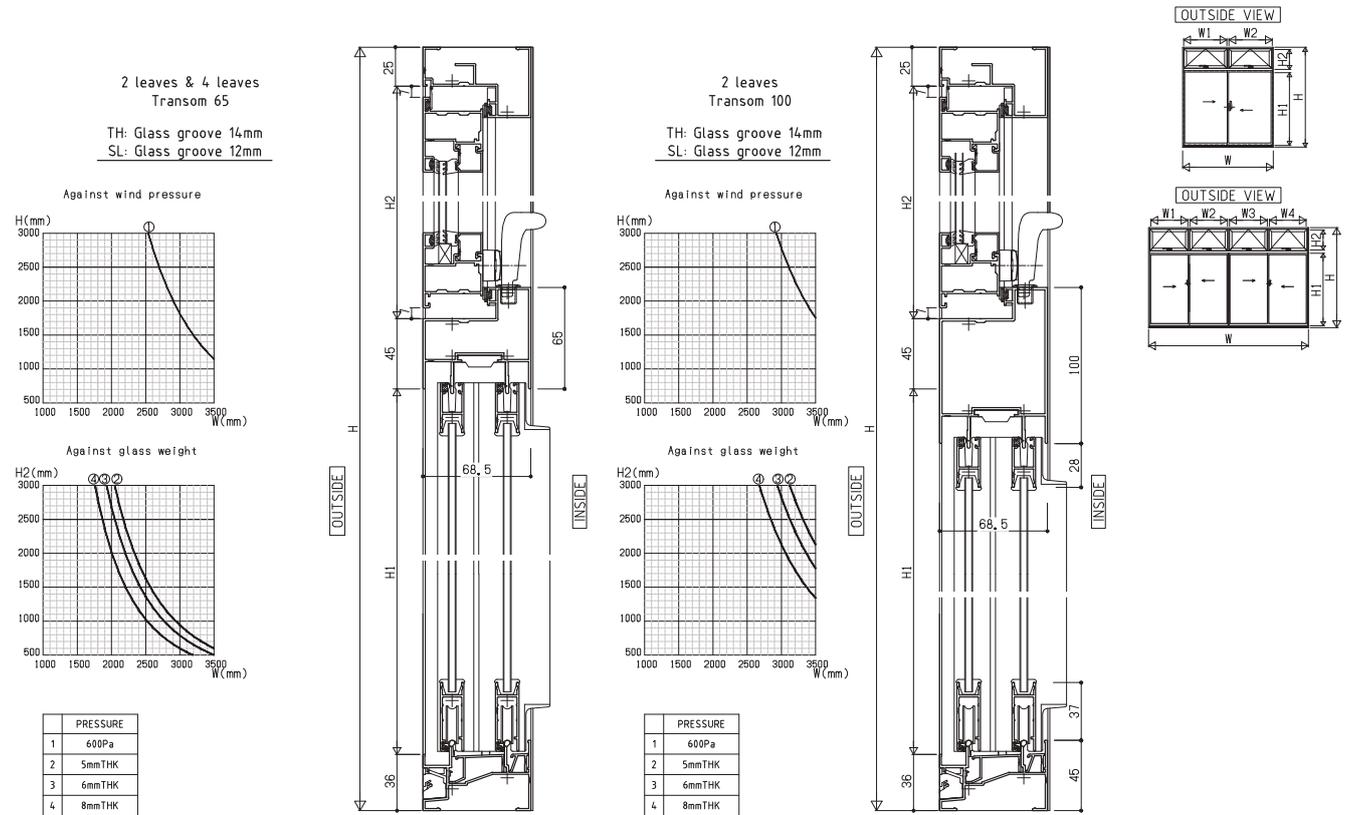


Transom 100 FIX/SL, SL/FIX

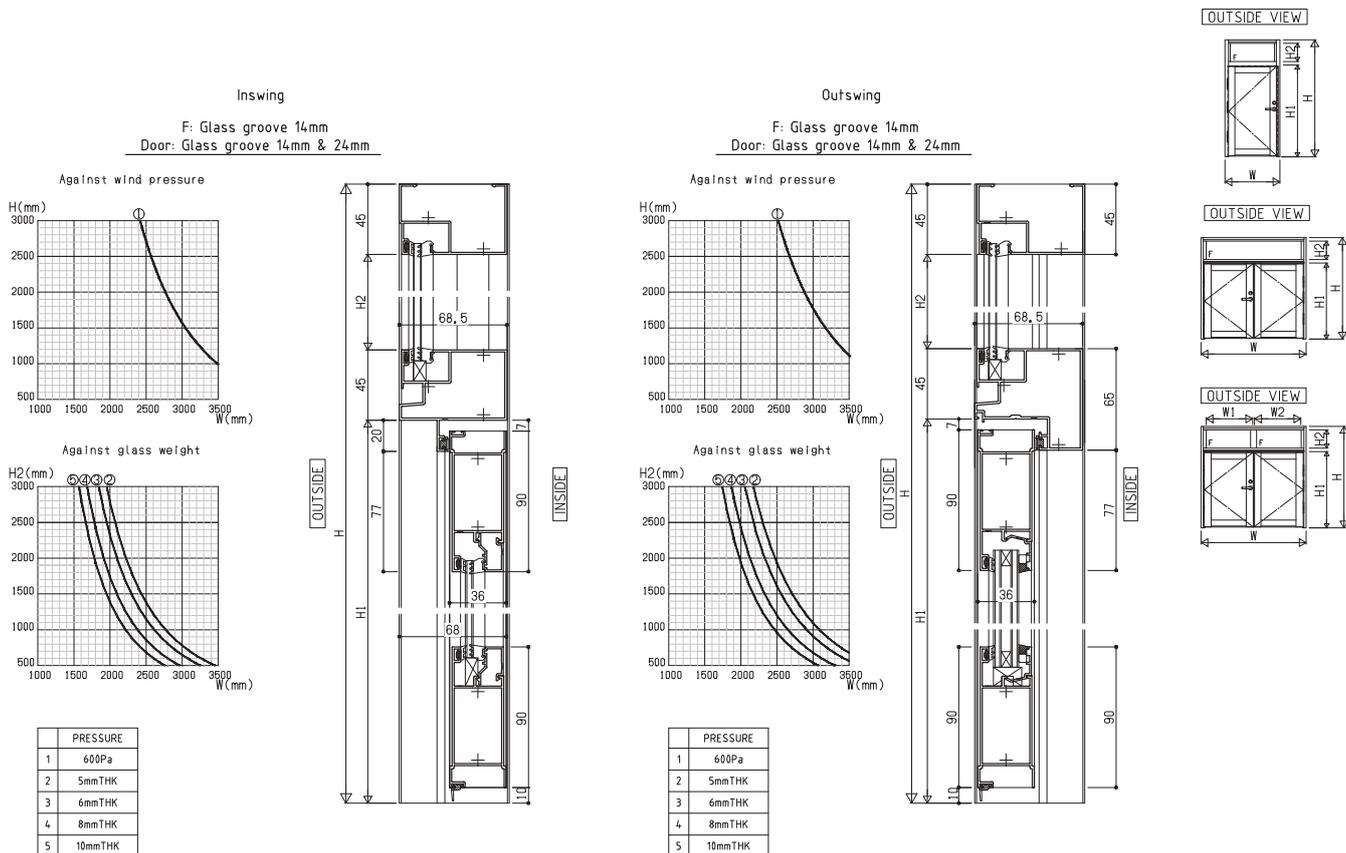


COMMON OPTION TRANSOM System Drawing & Size Limitation

TH/SL

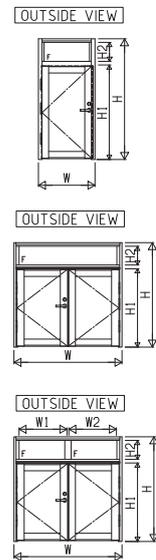
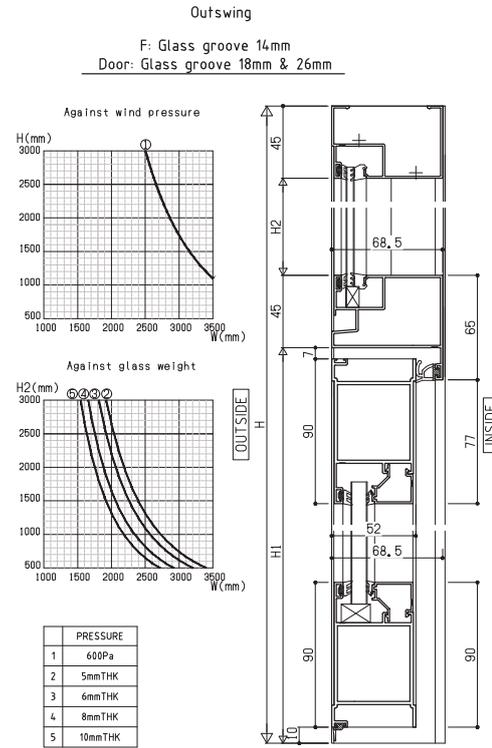
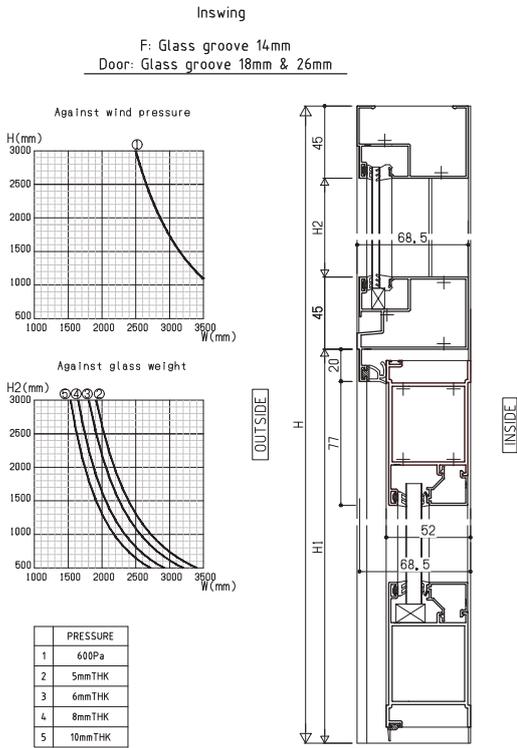


FIX/DOOR DT = 36

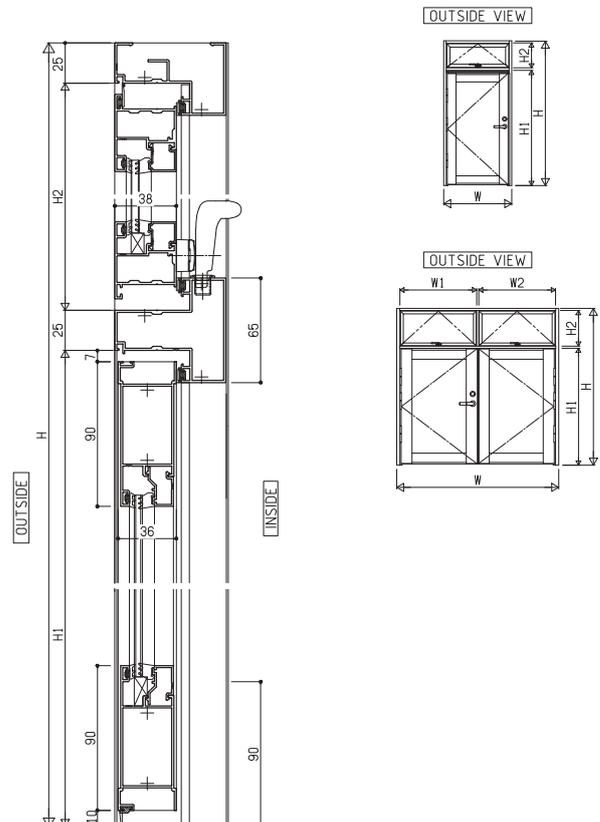
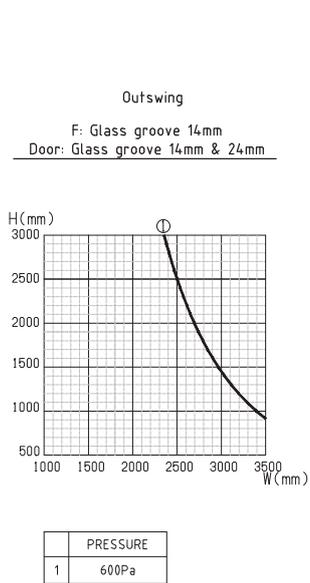


COMMON OPTION TRANSOM System Drawing & Size Limitation

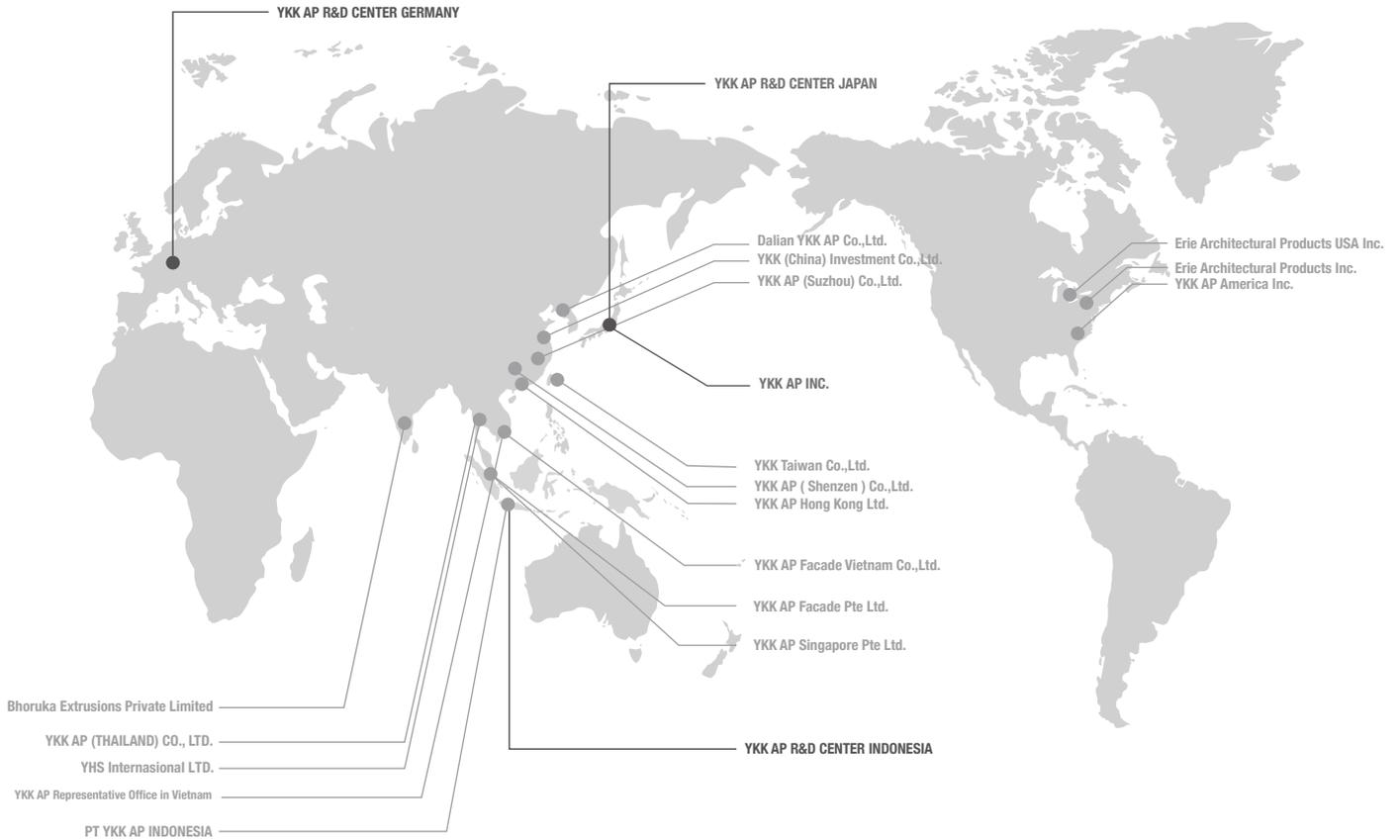
FIX/DOOR DT = 52



TH/DOOR DT = 36



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