HIGH - RISE
850-1600 Pa

NEXSTA™-H

PT YKK AP INDONESIA

ENGLISH VERSION

MAY 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.

TABLE OF CONTENTS

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.

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

Junction factor Water leakage ratio:
More than 10%
(API research)

Normal metal joint (Other company FG)

Using a rubber Sealer pad
*Only Solid rubber

Junction factor Water leakage ratio:
Less than 3%
(API research)

YKK AP performance products

Using a unique Sealer pad

Junction factor Water leakage ratio:
Less than 1%
(API research)

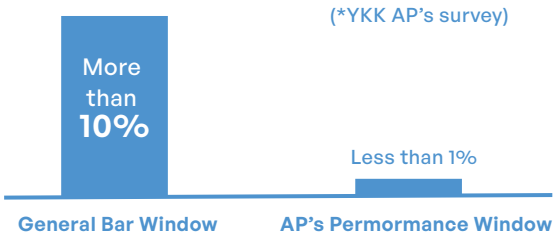
*Product label

Secret of W Proof Joint

*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.

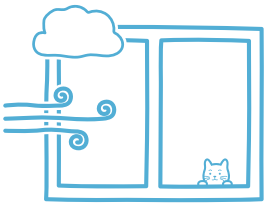
Water Tightness Test at In-house Testing Center

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 1600Pa
Deflection L/125 & L/175

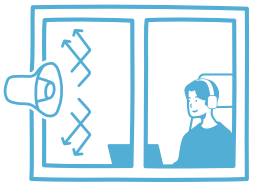
*Wide View Sliding SD/SE : 600 Pa
Deflection L/100

*Ventilation Door : 1000 Pa
Deflection L/125

Water Tightness

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

*Please check information for other window types



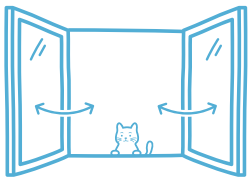
Sound Insulation

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

Air Infiltration

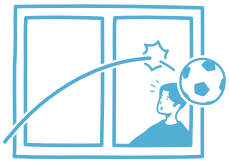
Dust-free and Airtight system
Grade A-4 (JIS)

* 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

Condominium

150 m (50 Stories)

Vietnam: TCVN 2737
House: 797 Pa (10 m)
Condominium: 1299 Pa (150 m)

Wind pressure regions W=830N/m^2 (Ho Minh City)
Terrain type B: Relative open terrain on wich there is a view of space obstructions not exceeding 10 m in height.

Thailand: DPT 1311-50
House: 425Pa (10 m)
Condominium: 1460Pa (150 m)

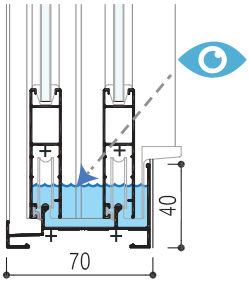
Reference wind speed V=25 m/s (Bangkok)
Terrain type B: Suburban or areas with tall trees densely, center of small cities.

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

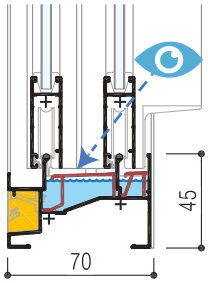
Common Sliding



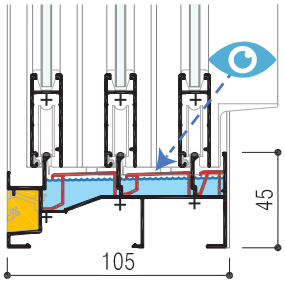
180 Pa and 220 Pa

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



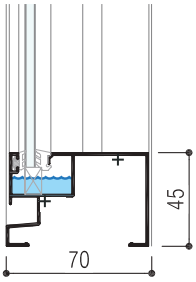
250 - 300 Pa



250 - 300 Pa

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

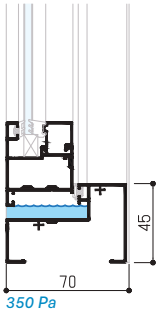
NEXSTA Fix



500 Pa

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

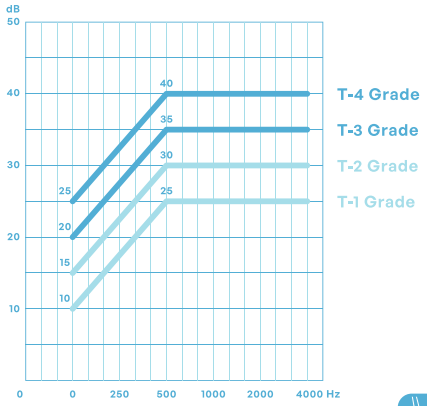
NEXSTA Top Hung & Casement

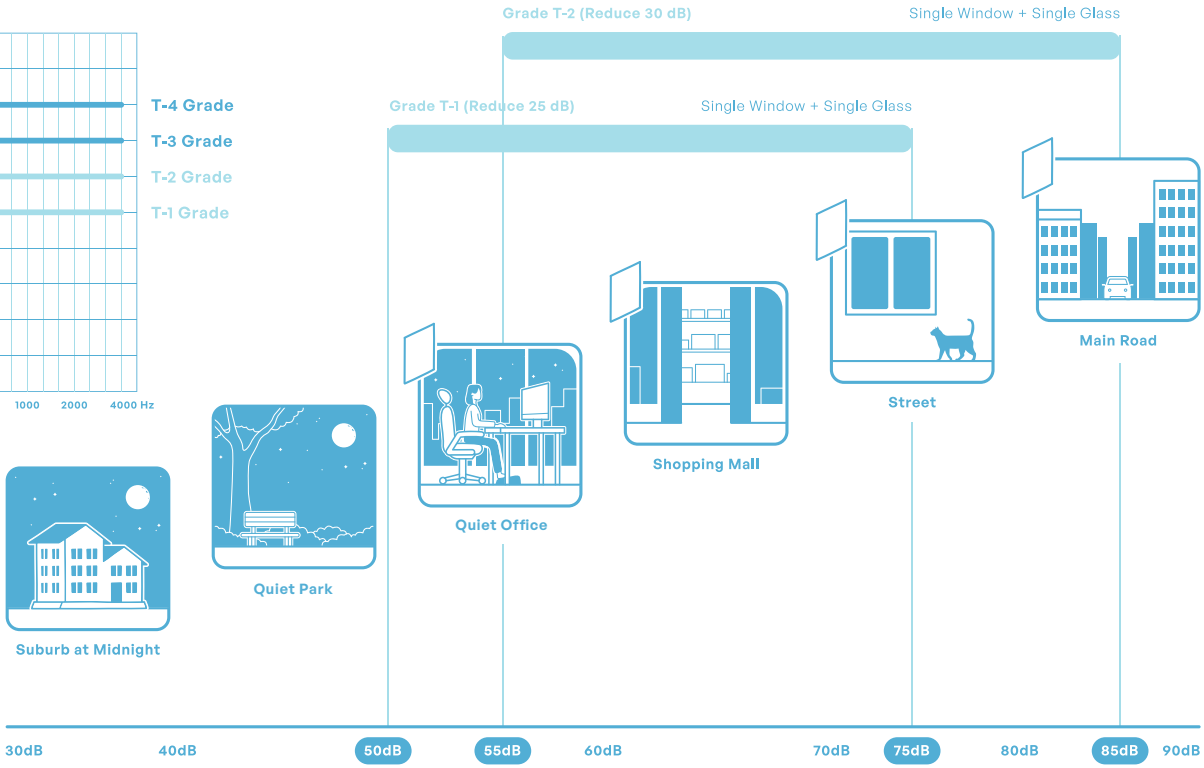


350 Pa

Adopting Isobaric System.

SOUND INSULATION



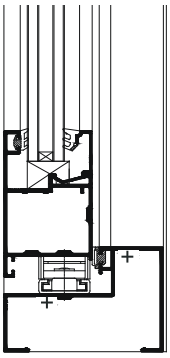


GREEN BUILDING CONCEPT

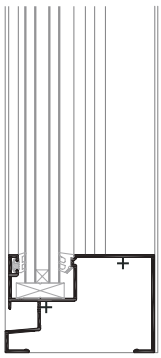
Modern living that adopts pro green manner means practical, sensible and enable to obtain great saving on energy. Thus energy consumption shall be moderately minimized by preserve natural lighting and thermal reduction that would promote healthy environment.

DOUBLE GLAZING

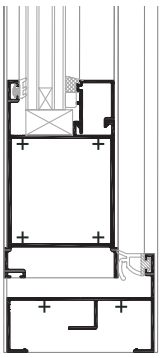
Casement, Top Hung and Door
Glass Groove : 24 mm



Fix
Glass Groove : 24 mm

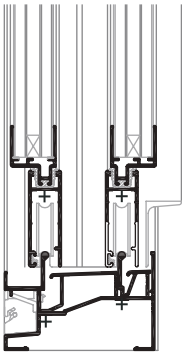


LS Type
Casement, Top Hung and Door
Glass Groove : 26 mm

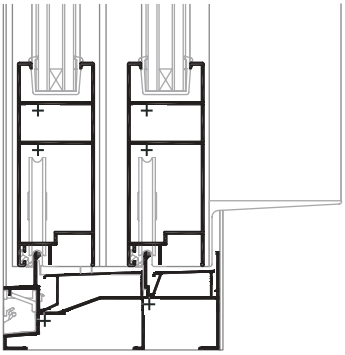


(Inside) Gasket
(Outside) Sealant

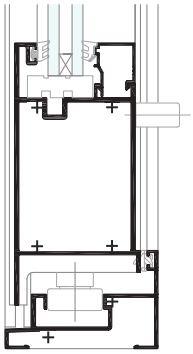
Sliding
Glass Groove : 18 mm



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
			
・Climate observation with BMKG ・Collaboratively study with PUPR, ITB, and Japanese Univ.	・The only facility in Indonesia ・All Products are tested here (Performance, Durability, Safety etc.)	・The only factory in Indonesia that can produce Anodized Composite Coatings (Anodize Plus)	・Accurate processing and parts attachment based on Japanese technology and machinery

Product Development	Alloy Casting	Extrusion	Field Technical Service
			
・PD focus on Indonesia based on the research	・Casting mainly from domestic raw materials	・High Quality by Japan made extruder	・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

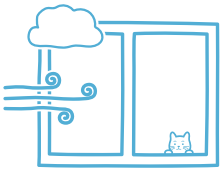
BLACK

WHITE

BROWN

CHAMPAGNE

STANDARD SLIDING



Structural (Wind Load)

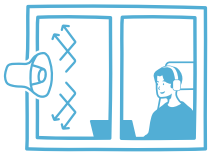
1600 Pa
Deflection
L/125 and L/175

Water Tightness

300 pa

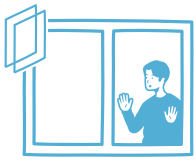
Air Infiltration

Grade A - 4(JIS)



Sound Insulation

T - 1 (-25 dB)(JIS)



Double Glazing

ECO

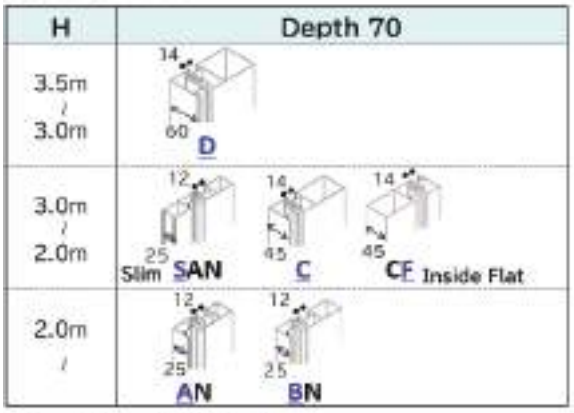
** High Sound Insulation Type*

STANDARD SLIDING

PRODUCT DIAGRAM

- STANDARD SLIDING
  - OUTSIDE FLAT TYPE
    - AN : 25mm
    - BN : 25mm
    - C : 45mm
    - D : 60mm
  - INSIDE FLAT TYPE
    - CF : 45mm
  - SLIM TYPE
    - SAN : 25mm

Regarding Stile Name



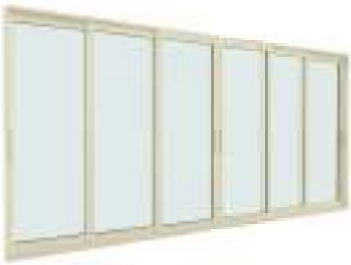
A : Small window B : Small window
C : Standard Terrace Window D : Large Terrace Window
Corresponding height changes depending on the wind pressure

VARIATION OF LEAVES

Sliding 2 Leaves

Sliding 3 Leaves

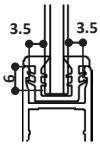
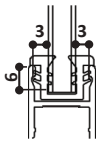
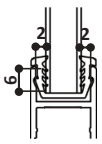
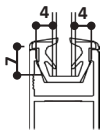
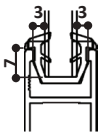
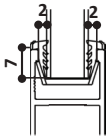
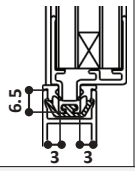
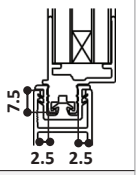
Sliding 4 Leaves



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				●	●	●		●
	D-Type				●	●	●		
Slim	SAN-Type	●	●	●					
Inside Flat	CF-Type				●	●	●		
Gasket Number		9K-20864		9K-20675	9K-25042	9K-2427	9K-27008	3K-24201	2K-29430

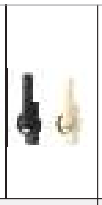
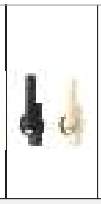
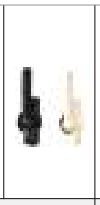
STANDARD SLIDING

INSECT SCREEN MATRIX

		Insect Screen Type							
Window 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	●	●	●	●				
	D-Type	●	●	●	●				
Slim	SAN-Type								
Inside Flat	CF-Type					●	●	●	●

● *Available*

PARTS MATRIX

			Standard				Optional									
																
Item			Crescent Lock		Pull Handle	Hook Lock Thumb Latch	Crescent Lock				Hook Lock with Key	Universal Handle	Patio Lock 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				
	D-Type			●	△	●	●		●	●	●	△ 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,YW*	*DG*	*DG,YW*	*DG,YW*	*DG*	*YK, YW*			
Parts Number			5K-11484	5K-11485	5K-11486	5K-11487	2K-36775	9K-11361	9K-11362	5K-11484	5K-11485	5K-11486	5K-11487	5K-12932	5K-12933	5K-12485	5K-12486	9K-11363	9K-11364	5K-13245	4K-17110	9K-10990/4	9K-10988/89/92

● *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

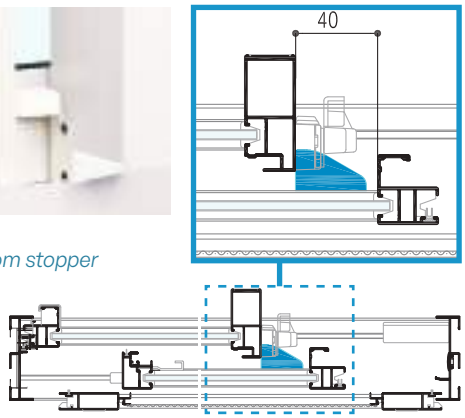
Outside bottom cap

• Inner Stopper

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

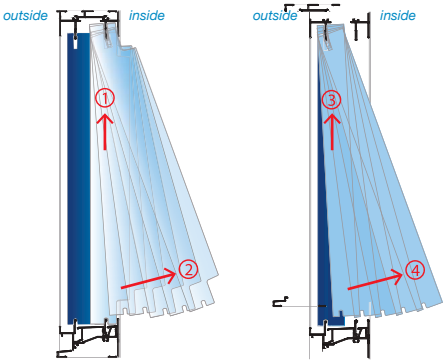
Upper stopper

Bottom stopper



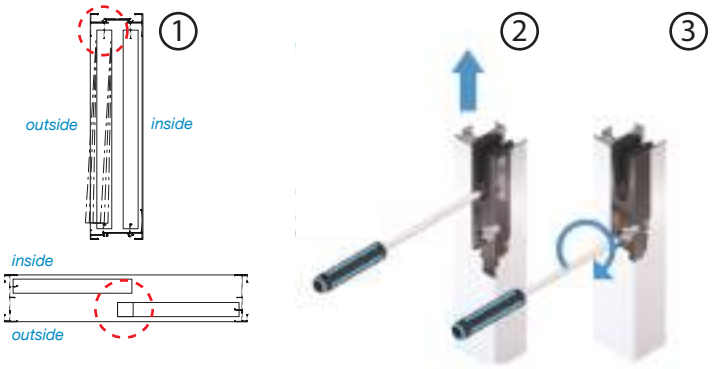
• Able to be Installed from Inside

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

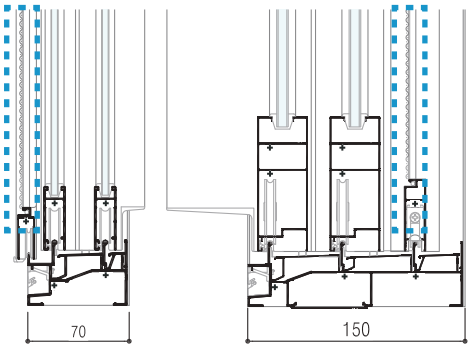
• Crescent with False Locking Prevention

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

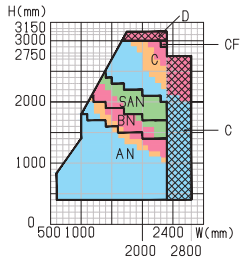
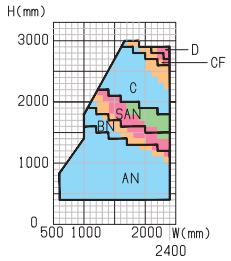
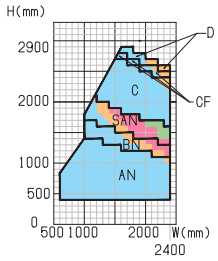
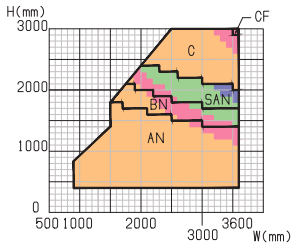
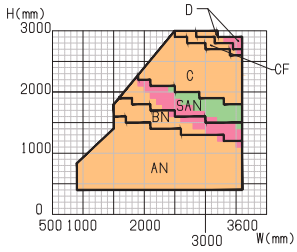
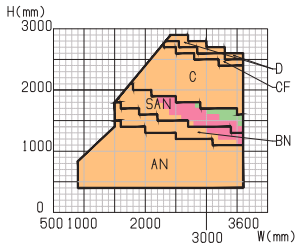
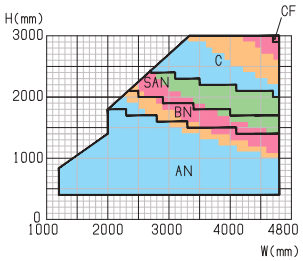
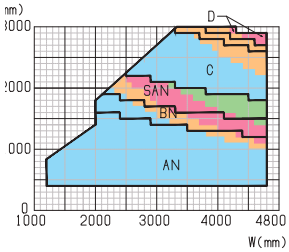
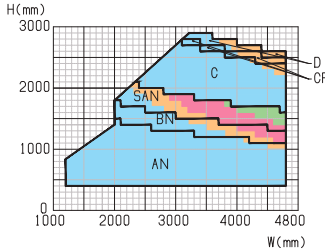
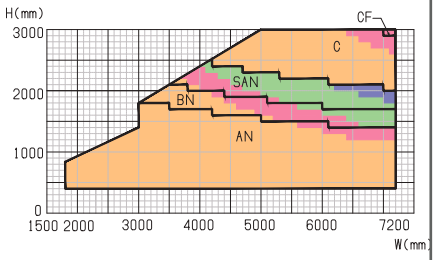
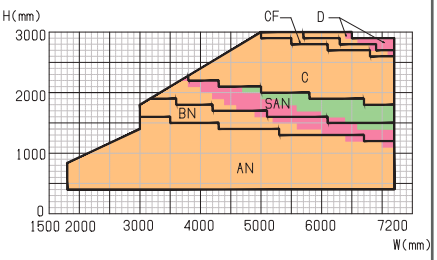
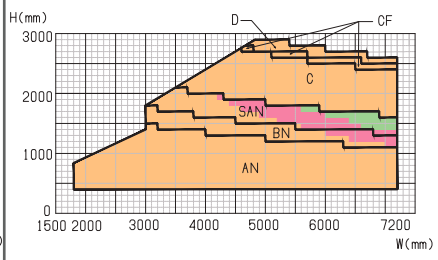
Insect Screen

• Sliding 2 Tracks and 3 Track

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



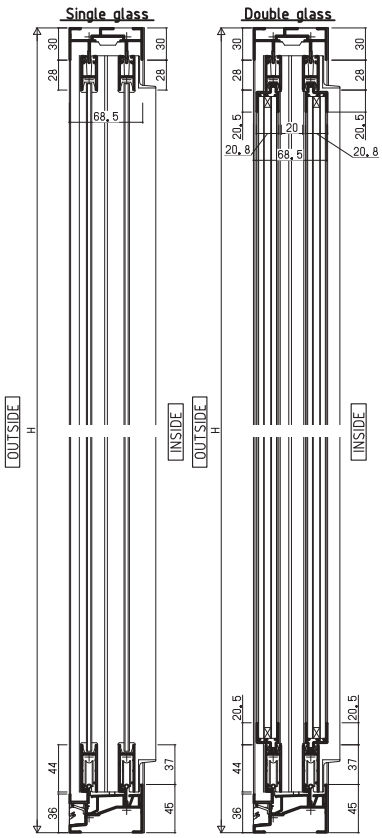
SIZE LIMITATION

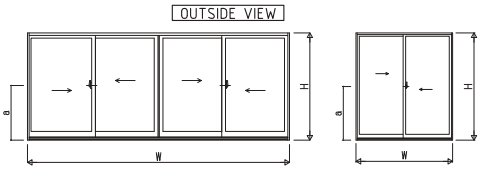
	Wind Pressure		
	850 Pa	1200 Pa	1600 Pa
2 leaves			
3 leaves			
4 leaves			
6 leaves			

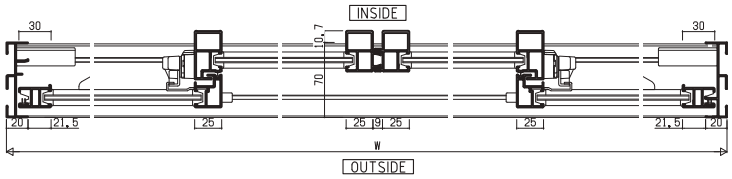
ZONE	REMARKS
	Max. 6mm+A6+6mm Glass of Thickness
	Max. 10mm Glass of Thickness
	Max. 8mm Glass of Thickness
	Max. 6mm Glass of Thickness
	Max. 5mm Glass of Thinkness
	Watertightness up to 220 Pa

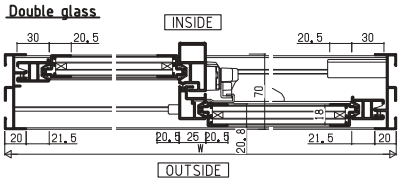
AN - Type 2 & 4 Leaves

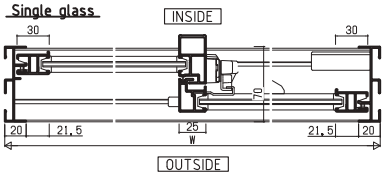
*Please check P16 for size limitation



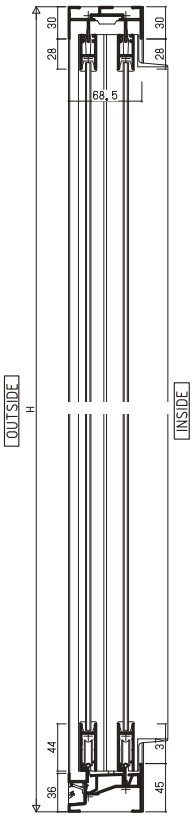


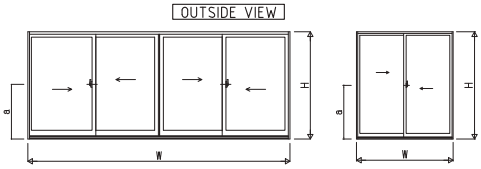


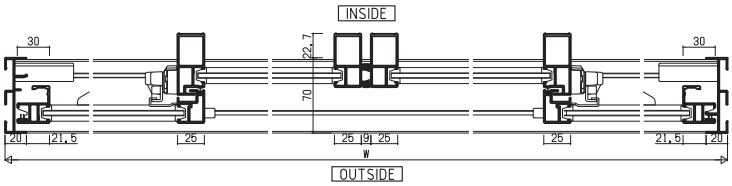


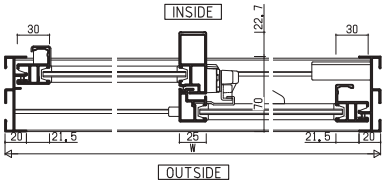


BN - Type 2 & 4 Leaves



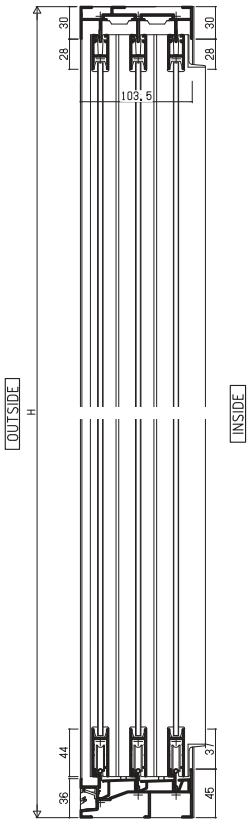


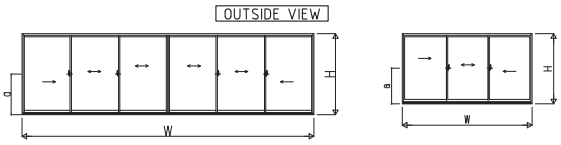


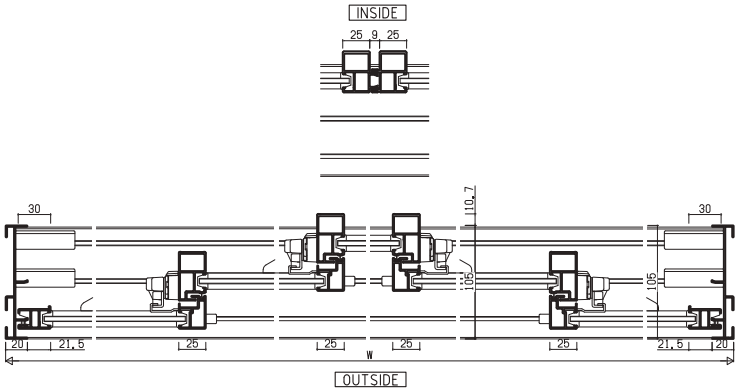


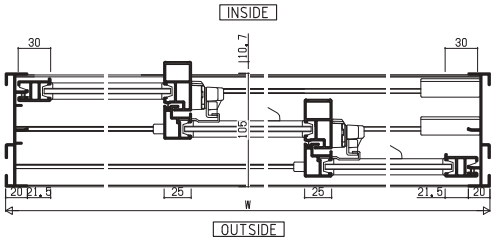
AN - Type 3 & 6 Leaves

*Please check P16 for size limitation

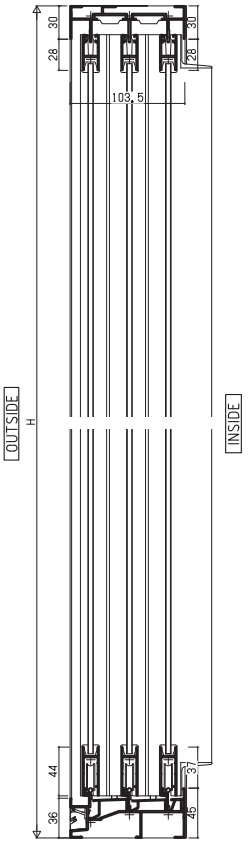


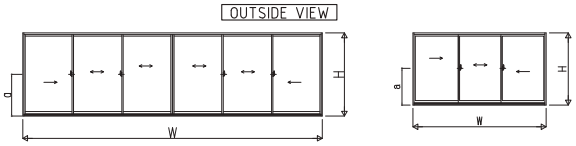


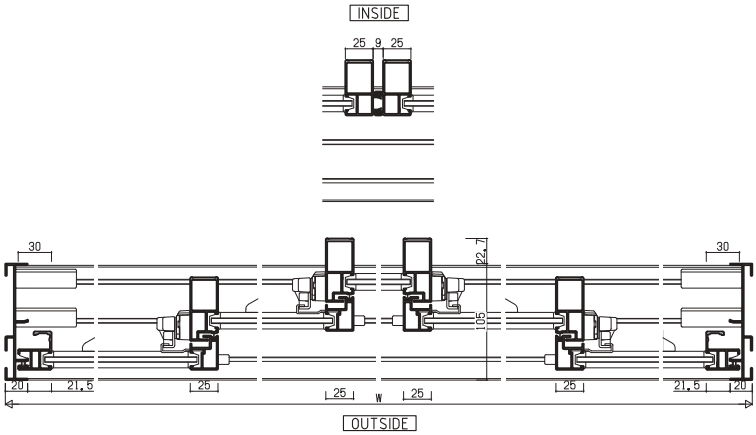


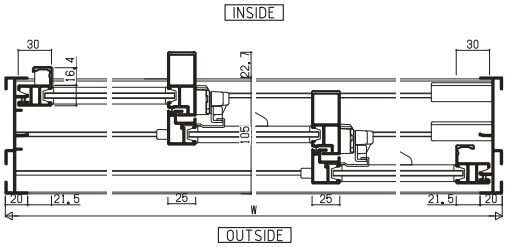


BN - Type 3 & 6 Leaves



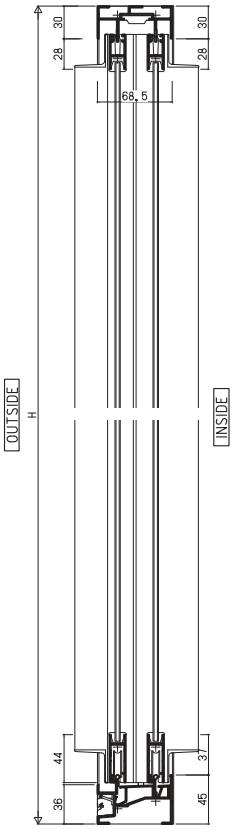


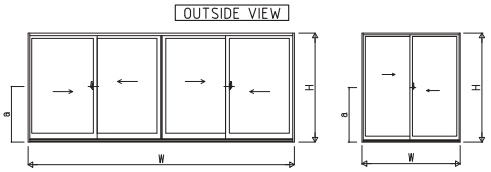


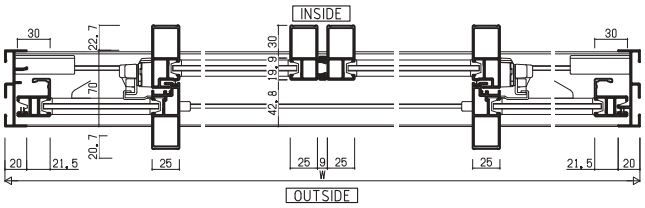


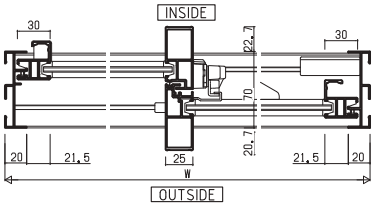
SAN - Type 2 & 4 Leaves

*Please check P16 for size limitation

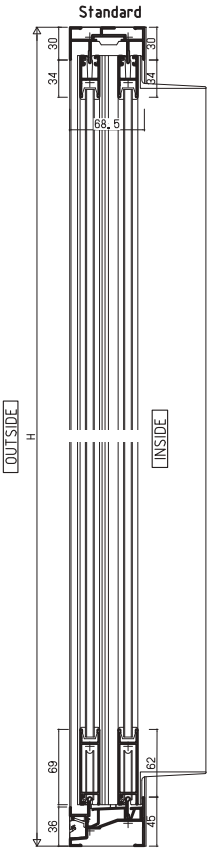


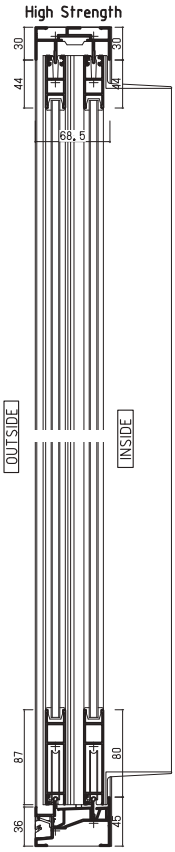


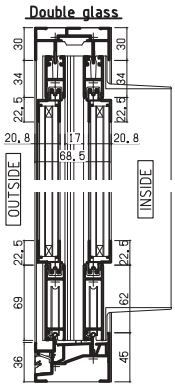


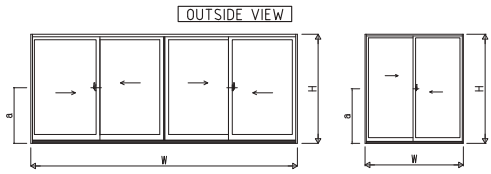


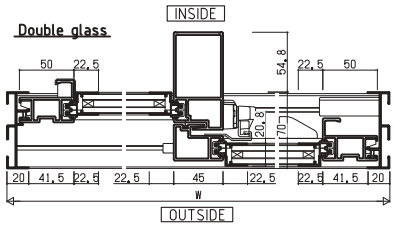
C - Type 2 & 4 Leaves

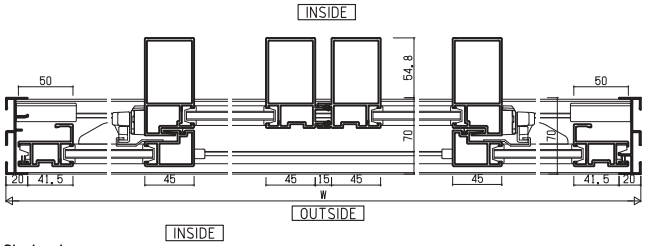


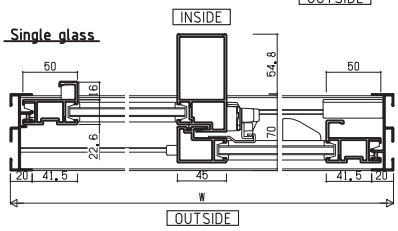


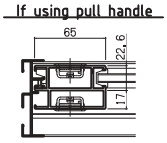




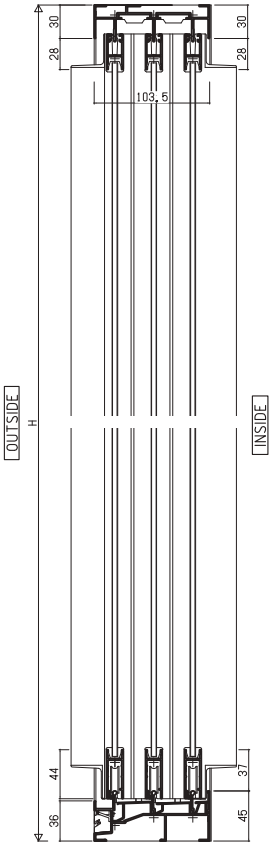


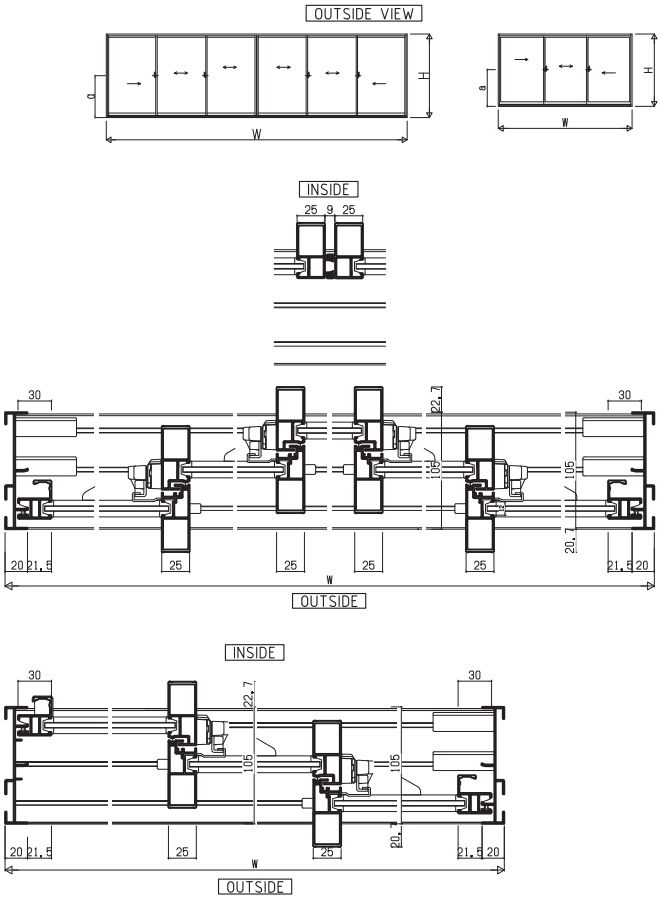






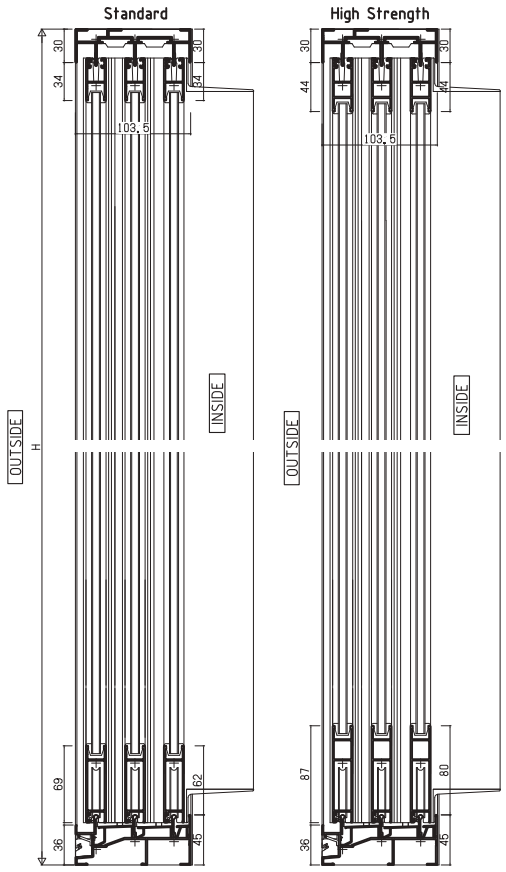
SAN - Type 3 & 6 Leaves

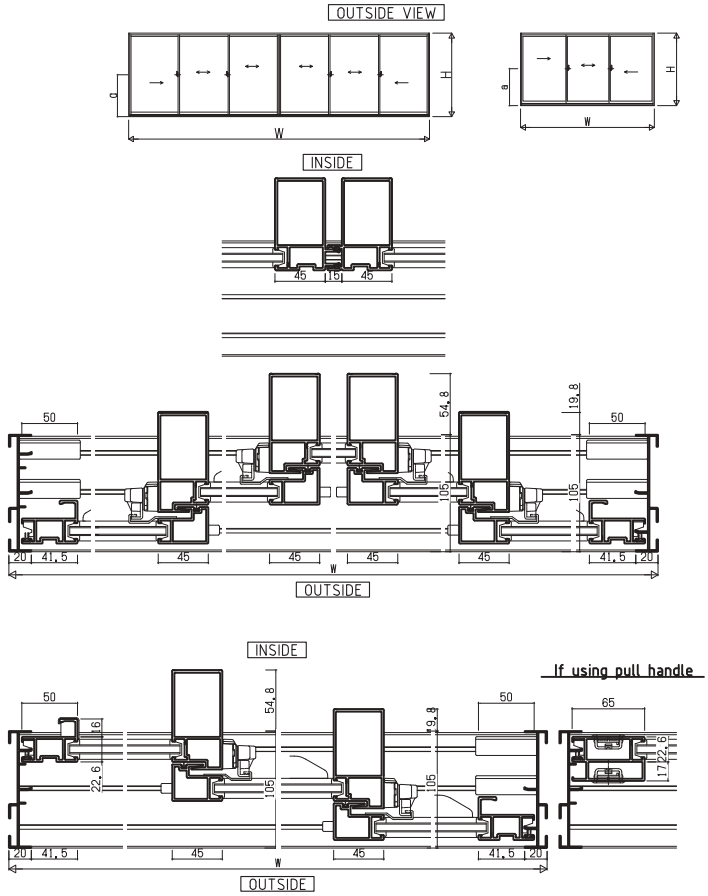




*Please check P16 for size limitation

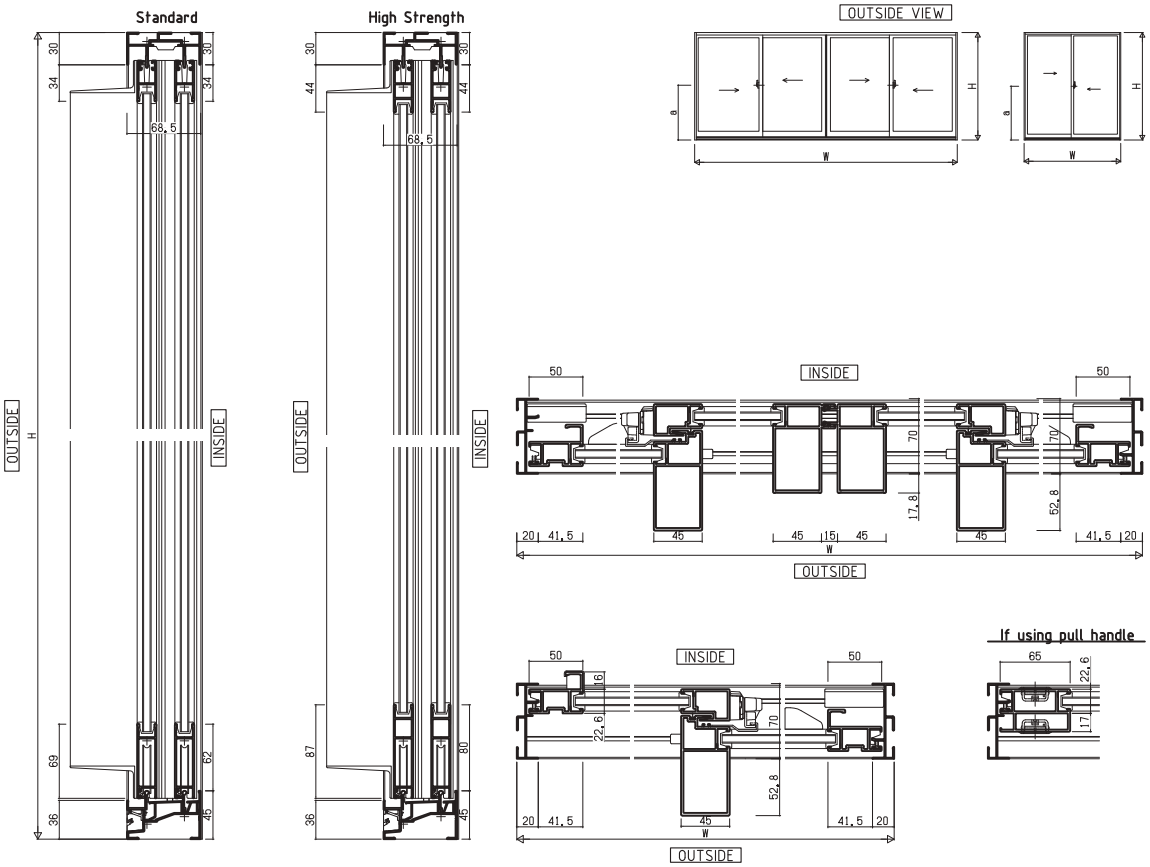
C - Type 3 & 6 Leaves



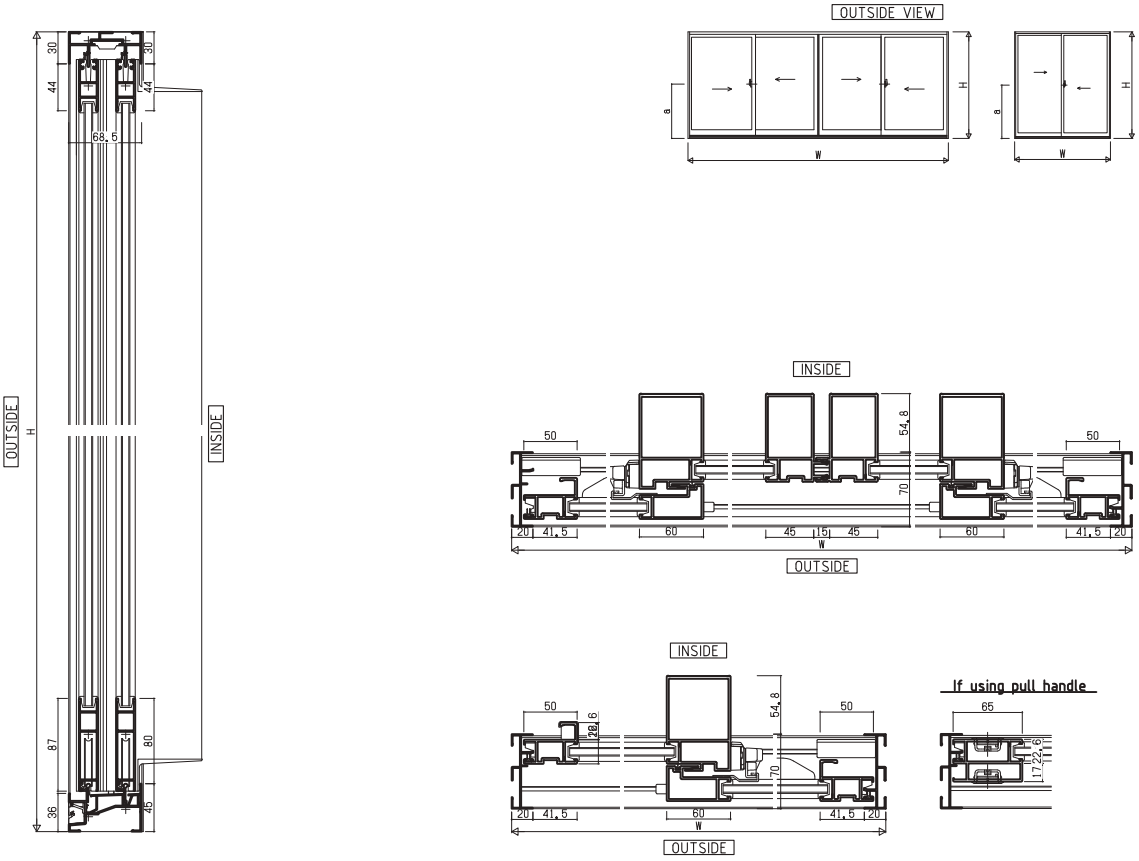


CF - Type 2 & 4 Leaves

*Please check P16 for size limitation

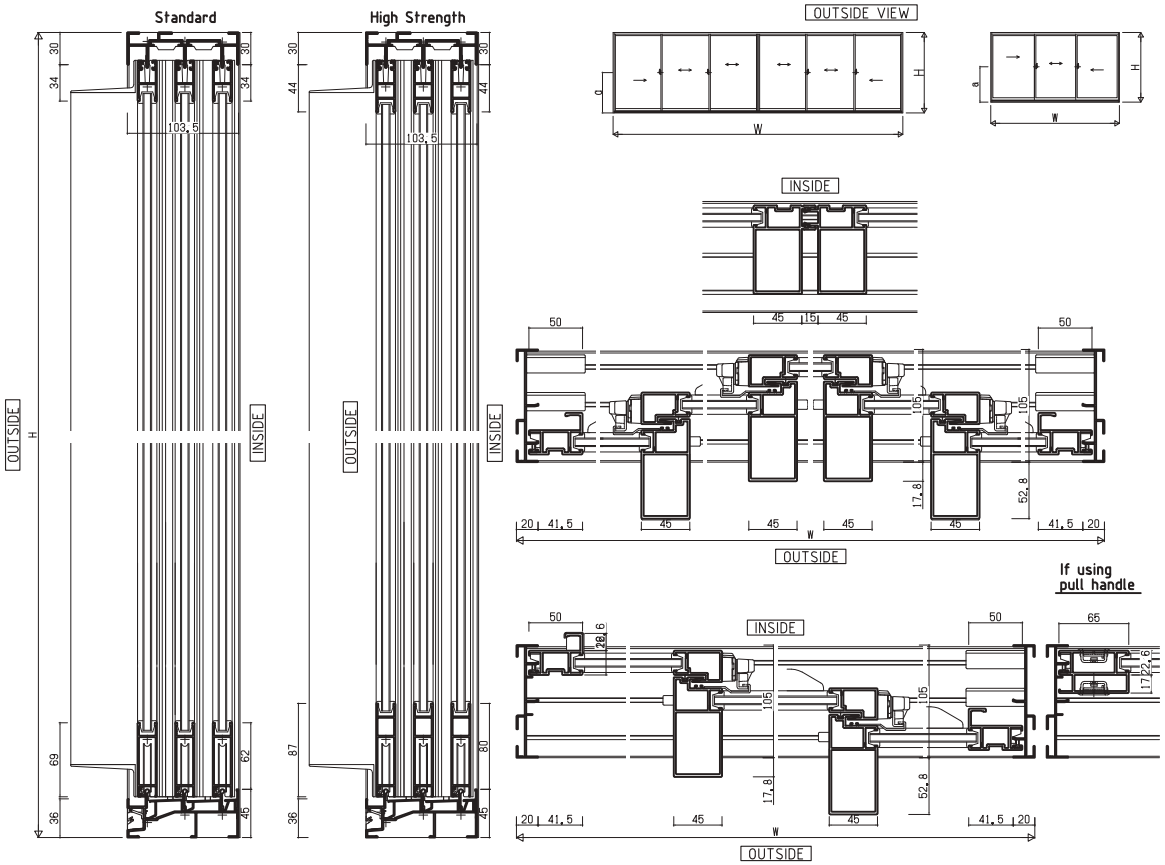


D - Type 2 & 4 Leaves

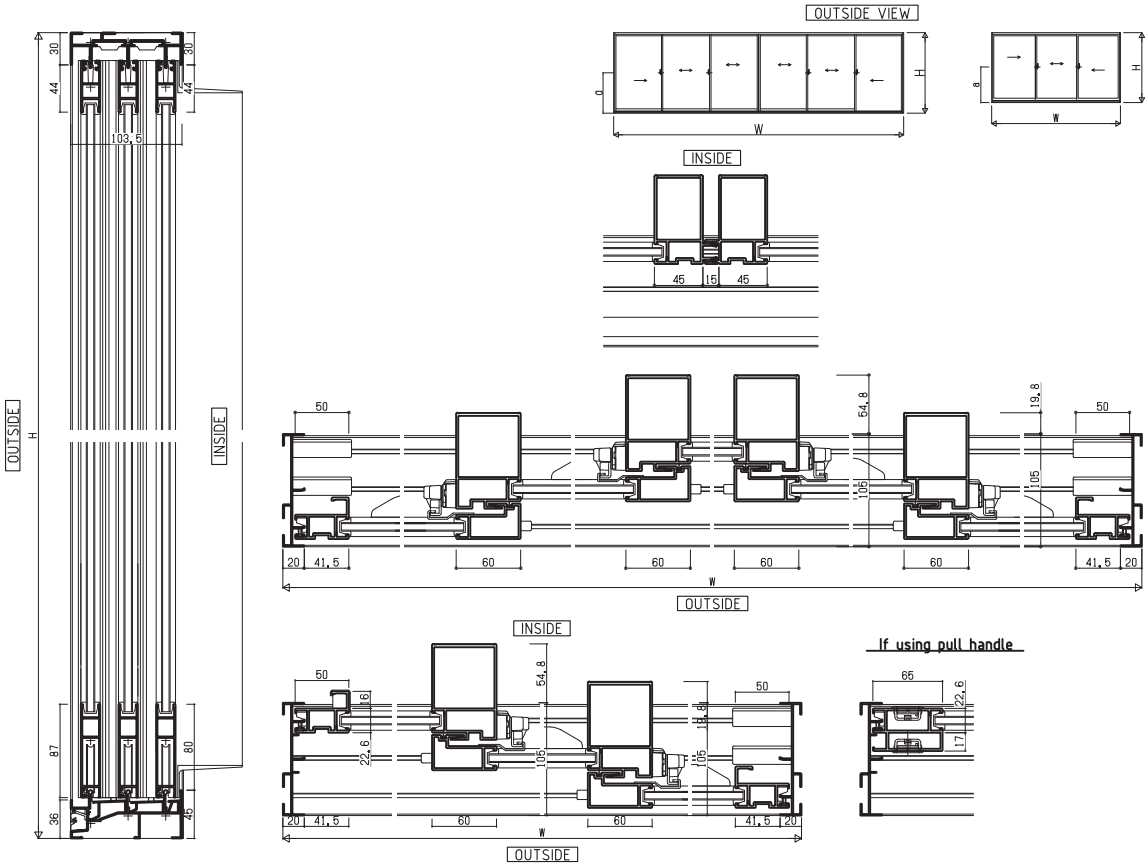


CF - Type 3 & 6 Leaves

*Please check P16 for size limitation



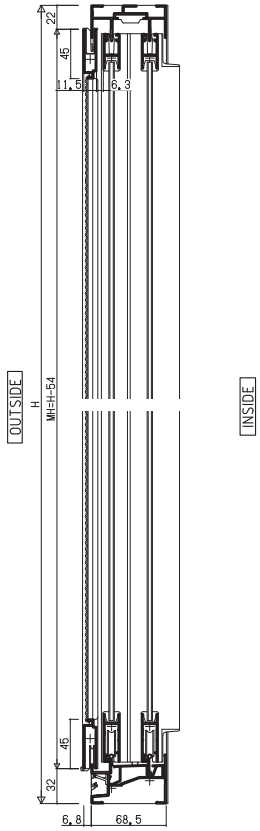
D - Type 3 & 6 Leaves

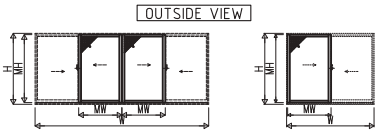


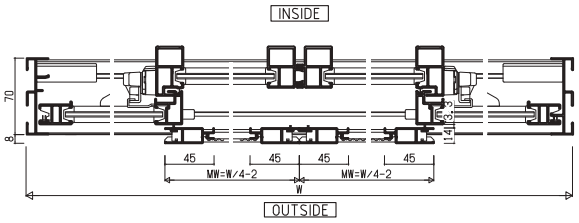
Insect Screen AN - Type 2 & 4 Leaves

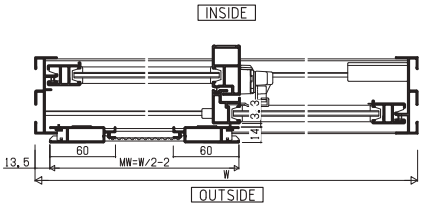
Size Limitation
Insect Screen

	LEAVES	
	2	4
WIDTH	298≤MW≤1198	
HEIGHT	346≤MH≤2346	

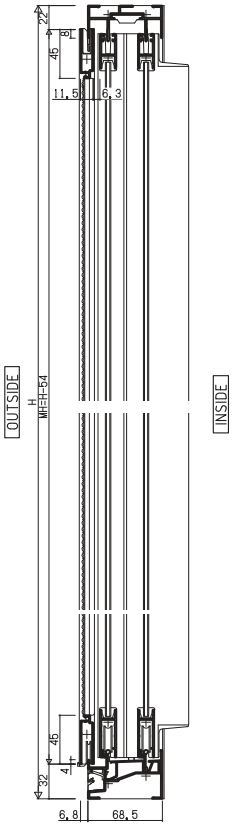


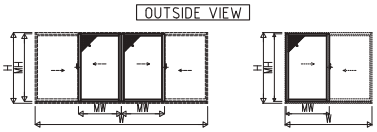


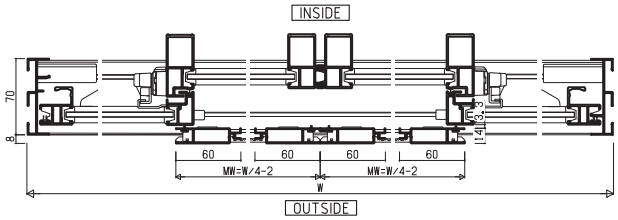


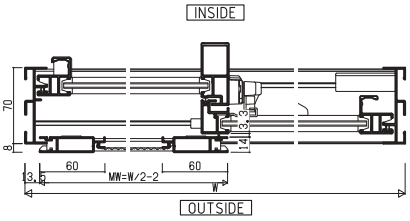


Insect Screen BN - Type 2 & 4 Leaves

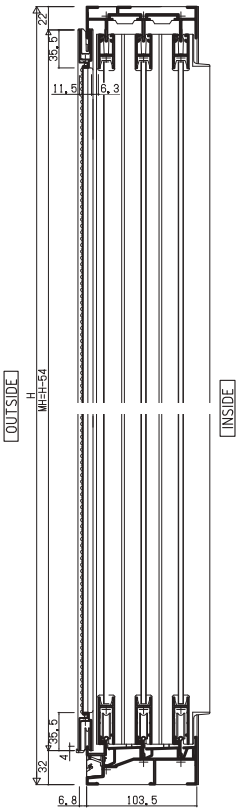


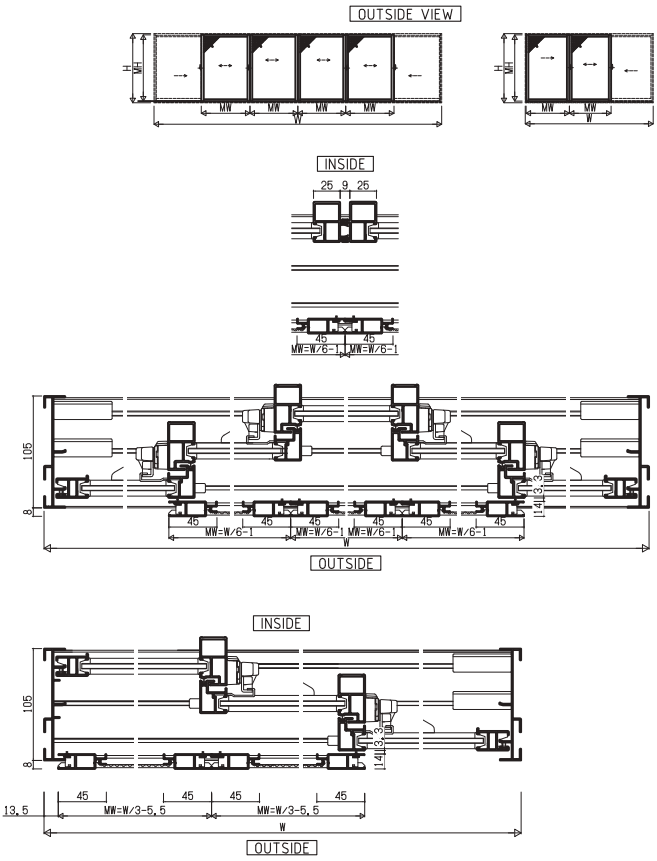






Insect Screen AN - Type 3 & 6 Leaves

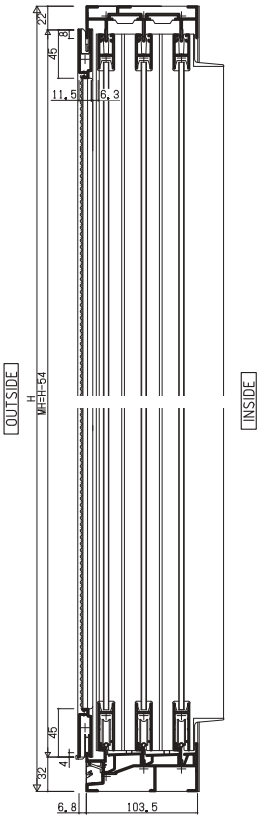


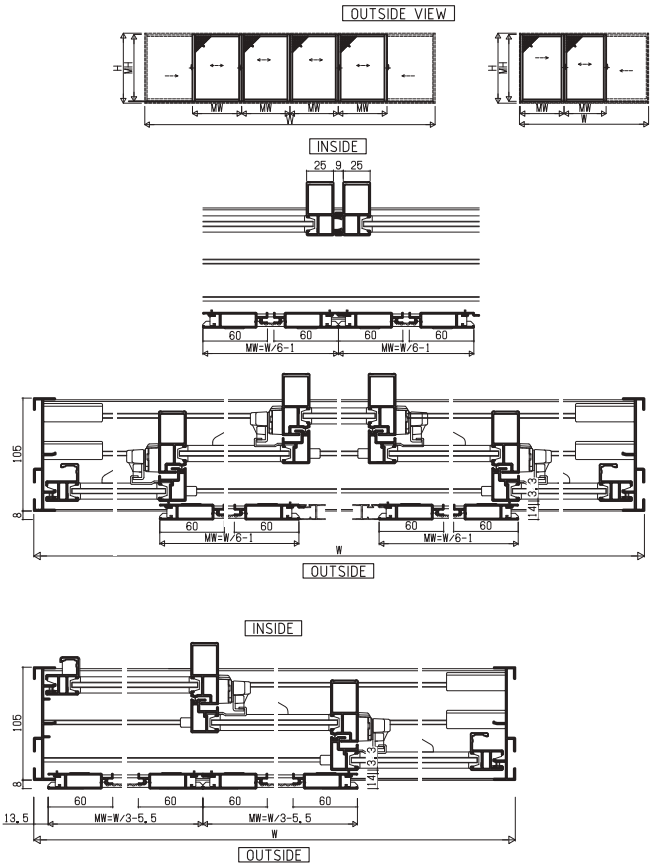


Size Limitation
Insect Screen

	LEAVES	
	3	6
WIDTH	295≤MW≤1195	299≤MW≤1199
HEIGHT	346≤MH≤2346	

Insect Screen BN - Type 3 & 6 Leaves





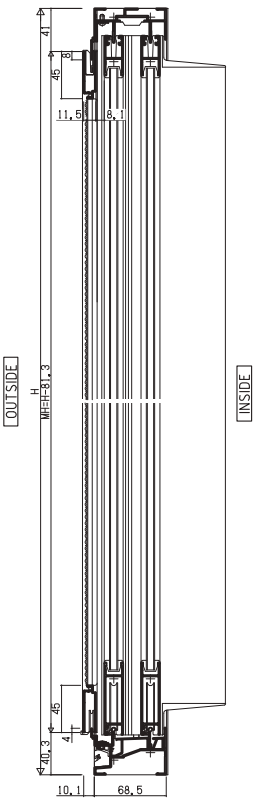
Insect Screen C - Type 2 & 4 Leaves

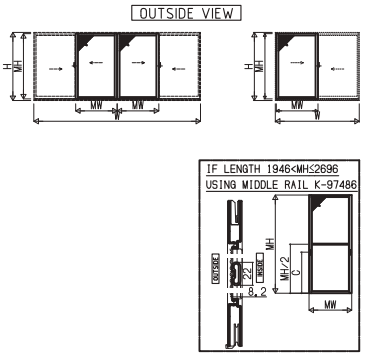
Standard Type

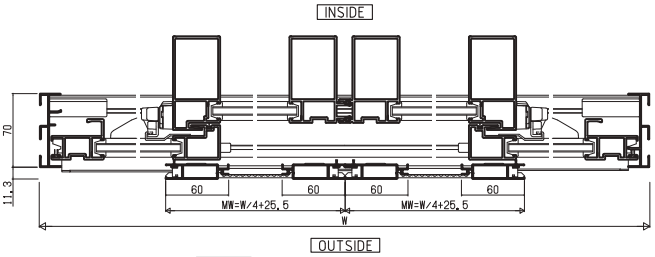
	LEAVES	
	2	4
WIDTH	309≤MW≤1503	318≤MW≤1503
HEIGHT	346≤MH≤2346	

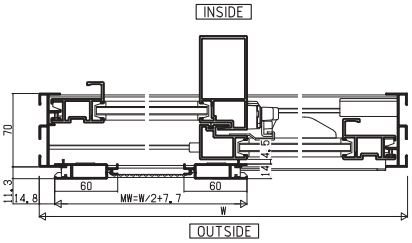
Hook Lock Type

	LEAVES	
	2	4
WIDTH	308≤MW≤1503	311≤MW≤1503
HEIGHT	2319<MH≤2696	1318<MH≤2696

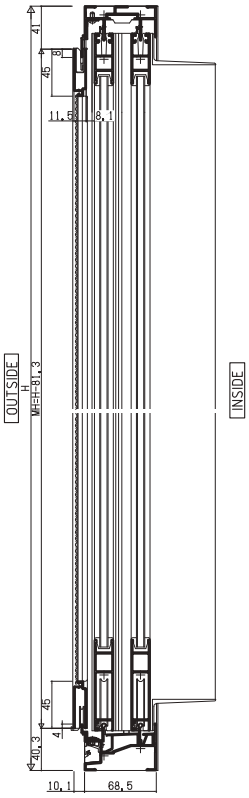


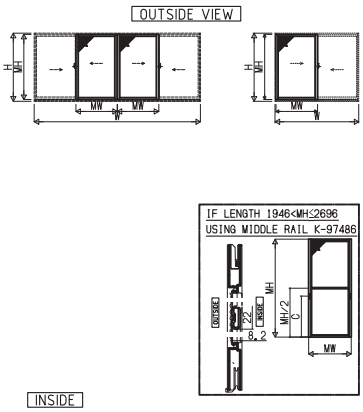


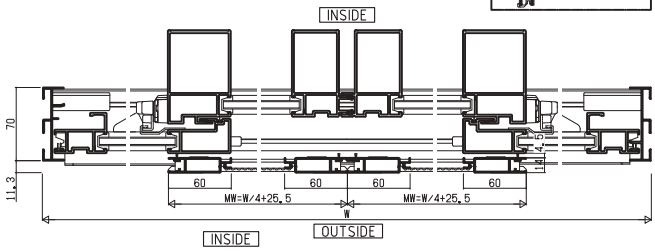


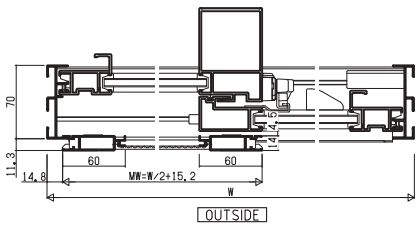


Insect Screen D - Type 2 & 4 Leaves

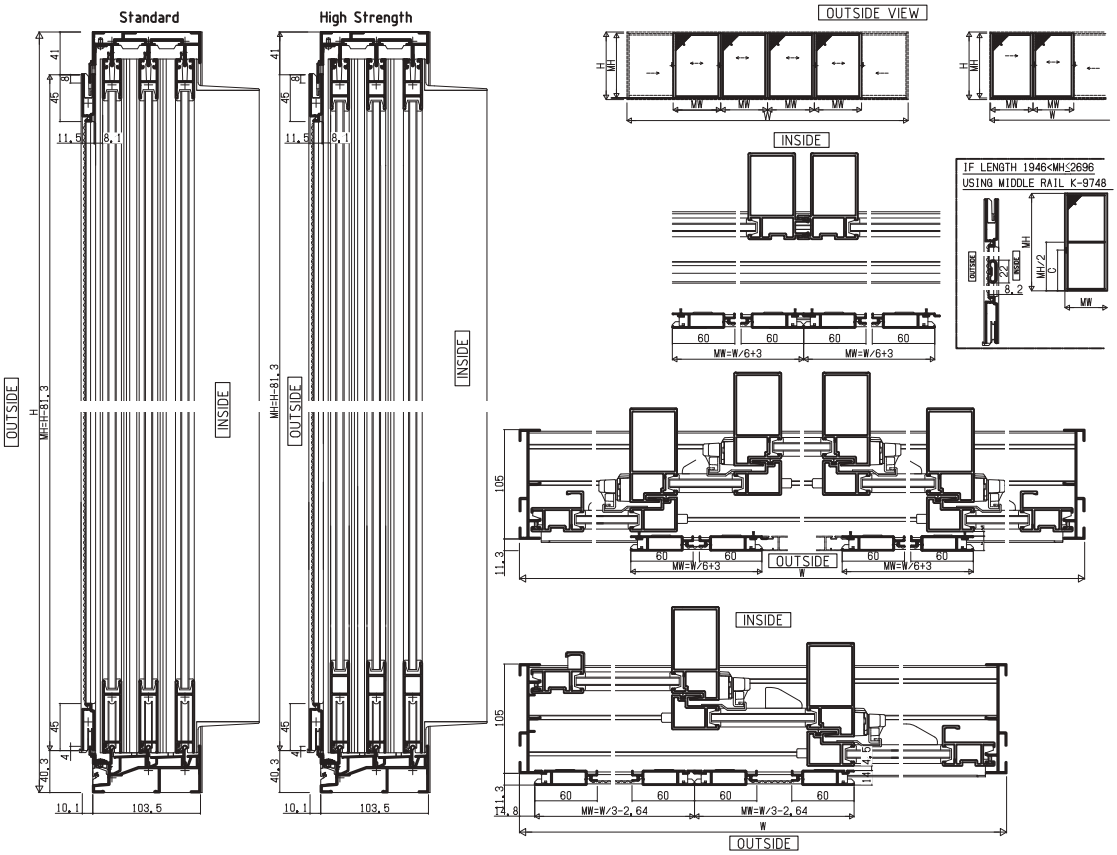








Insect Screen C - Type 3 & 6 Leaves



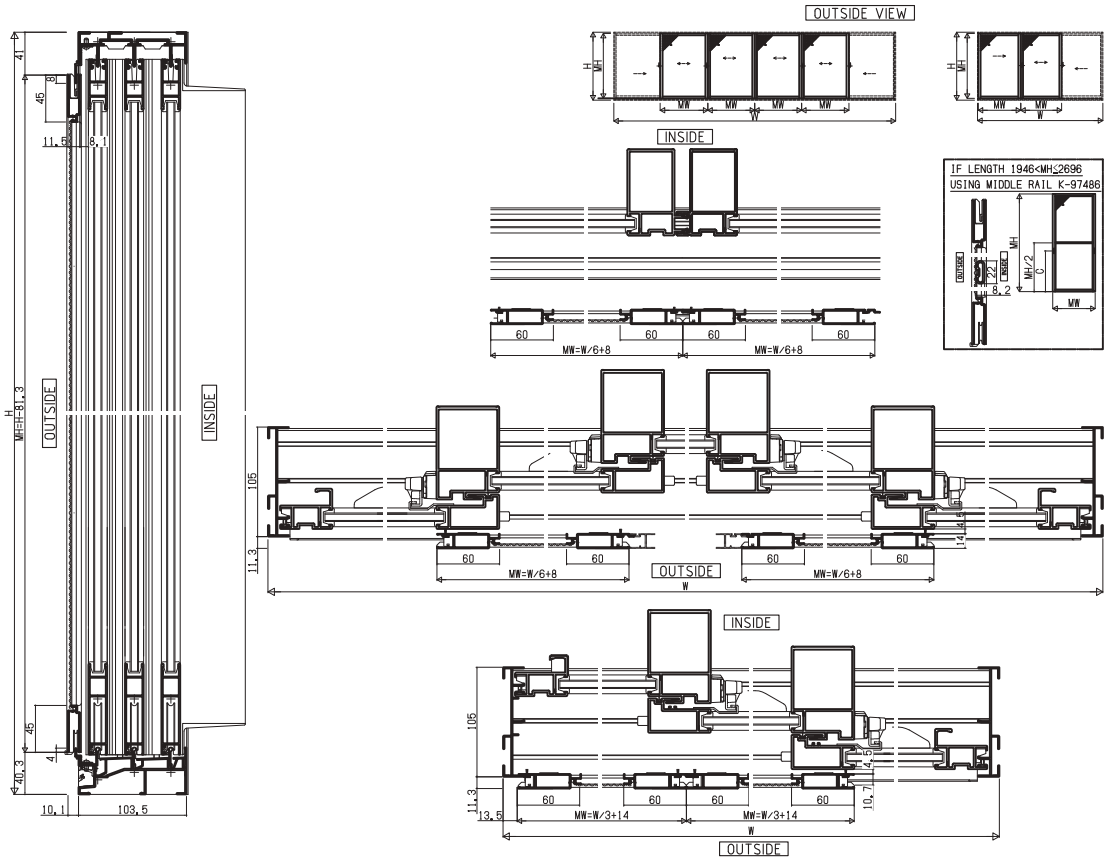
Standard Type

	LEAVES	
	3	6
WIDTH	298≤MW≤1503	303≤MW≤1503
HEIGHT	346≤MH≤2346	

Hook Lock Type

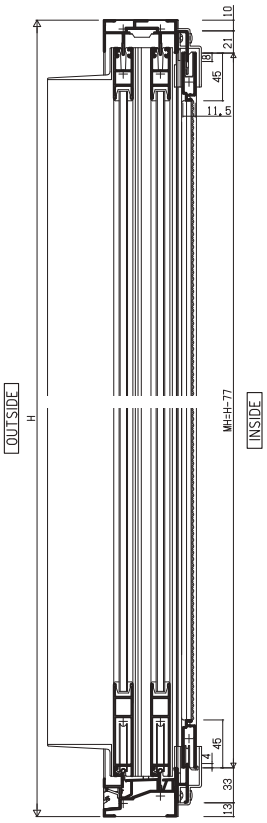
	LEAVES	
	3	6
WIDTH	295≤MW≤1503	298≤MW≤1503
HEIGHT	1318<MH≤2696	

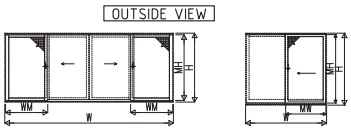
Insect Screen D - Type 3 & 6 Leaves

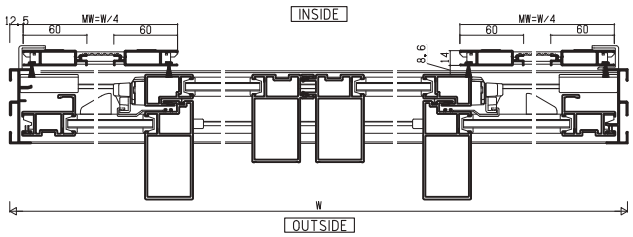


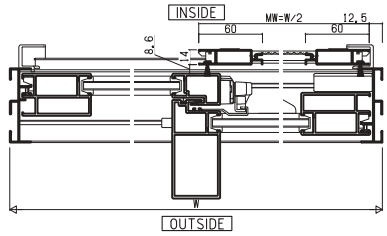
Insect Screen CF - Type 2 & 4 Leaves

	LEAVES	
	2	4
WIDTH	500≤MW≤1400	
HEIGHT	1323≤MH≤2696	

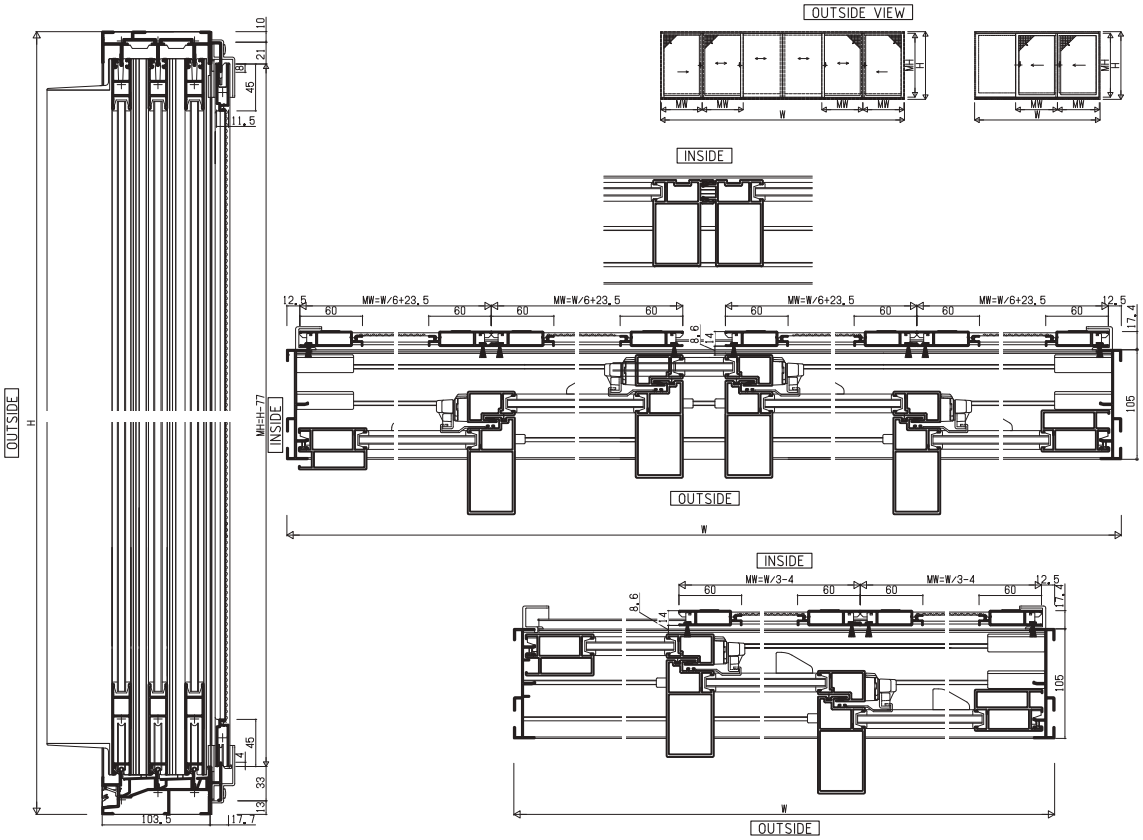






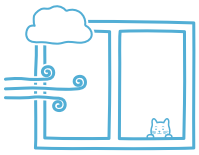


Insect Screen CF - Type 3 & 6 Leaves



	LEAVES	
	3	6
WIDTH	296≤MW≤1401	324≤MW≤1409
HEIGHT	335≤MH≤2696	

WIDE VIEW SLIDING



Structural (Wind Load)

Square
1600 Pa
Deflection
L/125 and L/175

Round
600 Pa
Deflection L/100

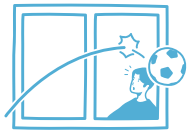
Water Tightness

Square
300 Pa

Round
100 Pa

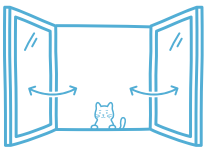
Air Infiltration

Grade A -4 (JIS)



Impact Resistance

30 kg sand bag from
170mm drop Height



Open-close Test

30,000 cycle
depends on item

WIDE VIEW SLIDING

FEATURES

- WIDE VIEW SLIDING
  - SQUARE
    - FA : Outside & Inside Flat Type (65mm)
    - FB : Outside Flat Type (65mm)
  - ROUND
    - SD : R Shape Type (40mm)
    - SE : R Shape Type (40mm)

* Round Type (SD & SE) is available up to 5 stories

VARIATION OF LEAVES

FA & FB

Sliding 2 Leaves

Sliding 3 Leaves

Sliding 4 Leaves

Sliding 6 Leaves

SD & SE

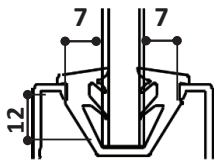
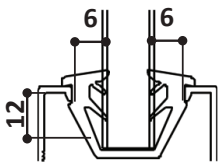
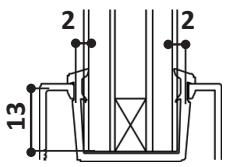
Sliding 2 Leaves

Sliding 3 Leaves

Sliding 4 Leaves

GLASS THICKNESS MATRIX & GASKET MATRIX

** Round Type (SD & SE) is available up to 5 stories*

		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	●	●	●
Gasket Number		9K-20843	3K-20280	K-26671

● *Available*

WIDE VIEW SLIDING

INSCET SCREEN MATRIX

** Round Type (SD & SE) is available up to 5 stories*

		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						

● *Available*

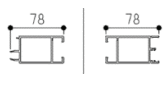
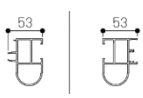
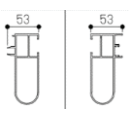
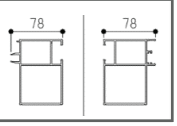
PARTS MATRIX

			Standard							Optional							
																	
Item			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				●					●	△	●	△	●			
	FB-Type				●					●	△	●	△	●			
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					
Color			*DG,YW*	*DG,YW*	*DG,YW*	*YK, D1*				*DG,YW*	*DG,YW*	*DG,YW*	*DG*	*YK, YW*			
Parts Number			5K-12485	5K-12486	9K-11365	9K-11361	9K-11362	5K-17188	5K-17189	5K-12485	5K-12486	9K-11365	9K-11363	9K-11364	5K-12485	5K-12486	9K-10990/4	9K-10988/89/92

● *Available* △ *Available, paired with crescent lock*

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

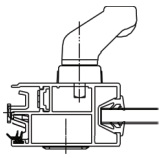
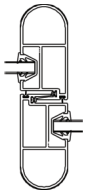
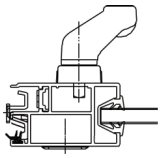
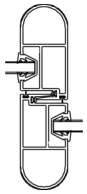
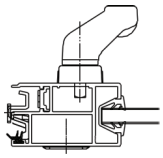
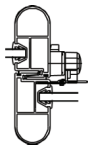
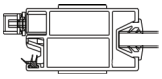
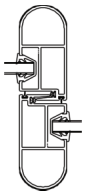
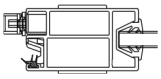
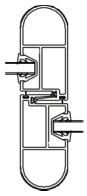
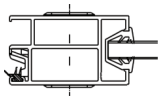
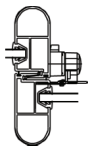
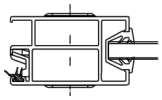
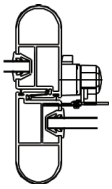
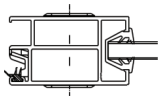
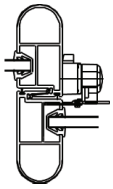
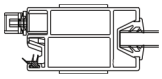
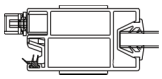
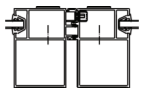
Meeting Stile Type

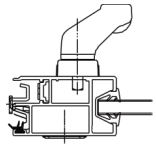
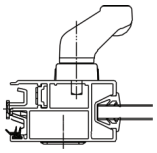
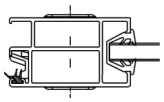
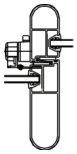
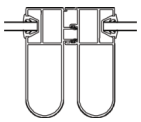
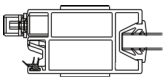
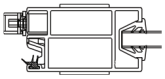
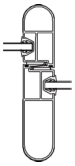
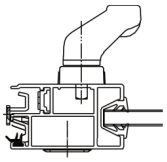
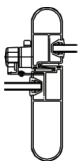
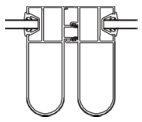
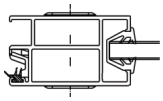
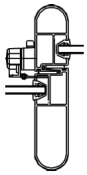
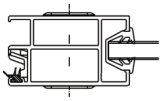
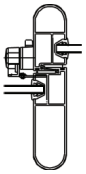
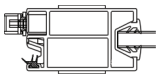
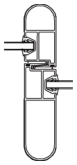
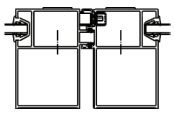
a-type	b-type	c-type	d-type
			

WIDE VIEW SLIDING

LOCK VARIATION (SD, SE)

** Round Type (SD & SE) is available up to 5 stories*

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

FEATURES

Safety

• Safety Cap

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

• Inner Stopper

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

Inside upper cap

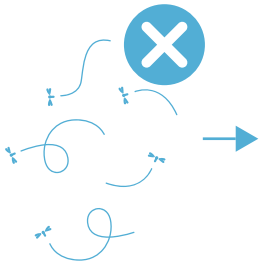
Outside bottom cap

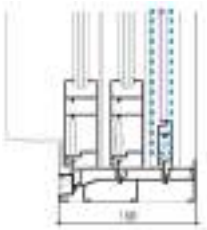
Upper stopper

Bottom stopper

Insect Prevention

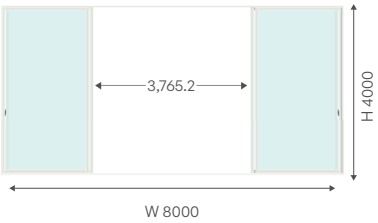
Sliding 3 tracks setting protects from any insect disturbance and promote clear view.

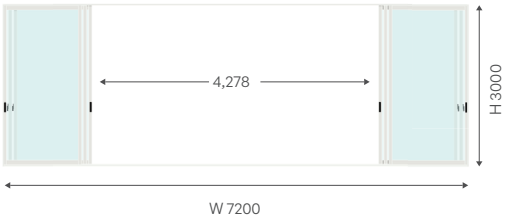




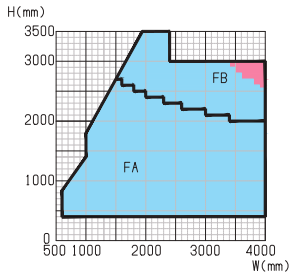
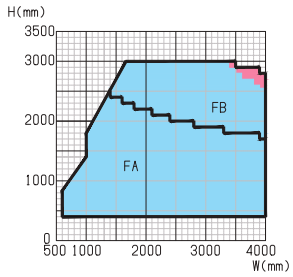
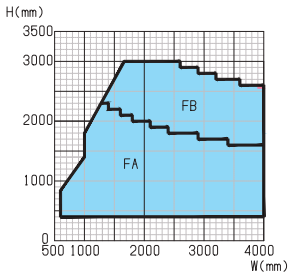
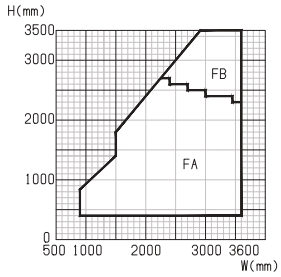
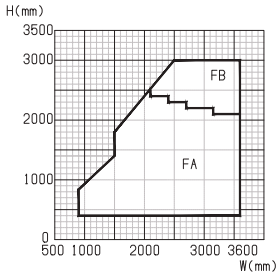
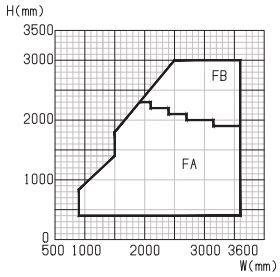
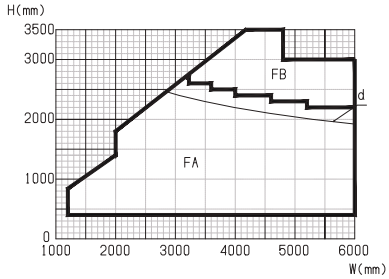
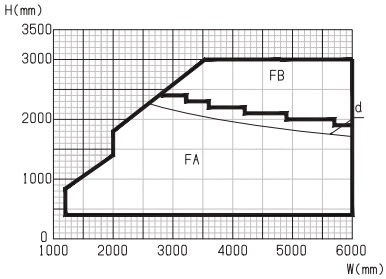
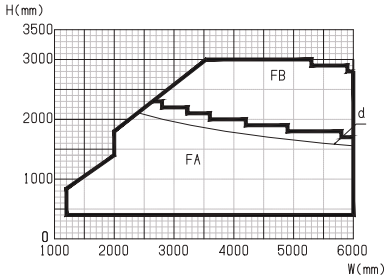
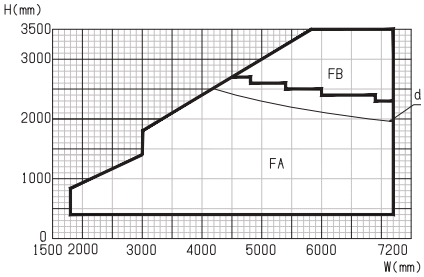
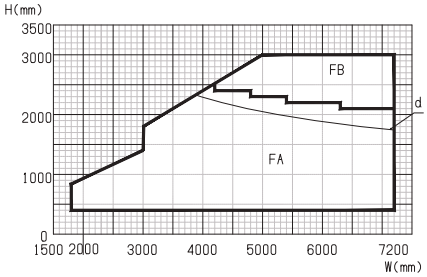
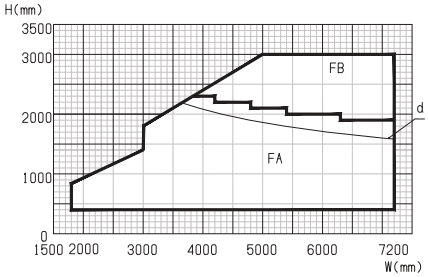
WIDE OPENING

Largest opening among the series, which is W8000×H4000 (4 Leaves) and W7200×H3000 (6 Leaves)



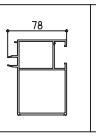


SIZE LIMITATION

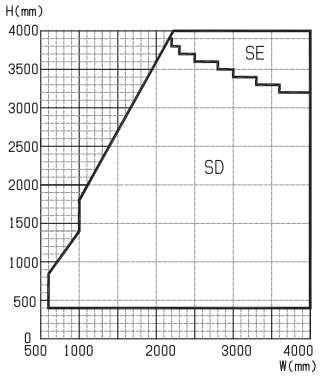
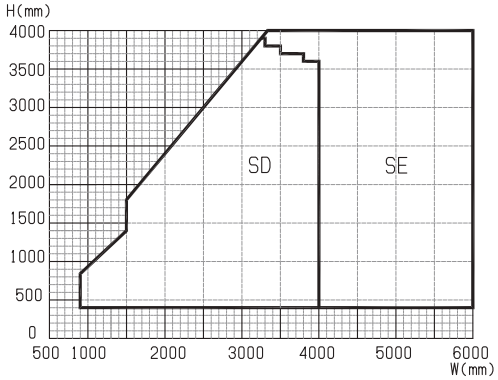
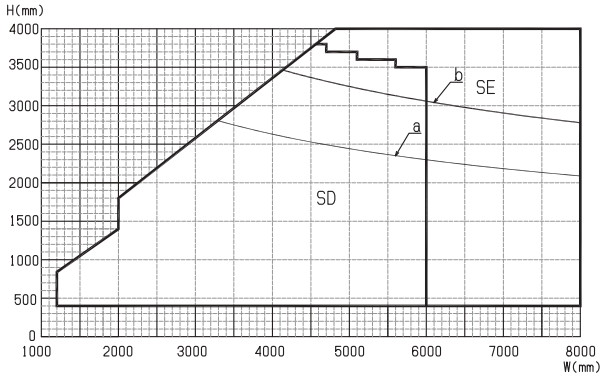
	Wind Pressure		
	850 Pa	1200 Pa	1600 Pa
2 leaves			
3 leaves			
4 leaves			
6 leaves			

ZONE	REMARKS
	Max. 6mm+A6+6mm Glass of Thickness
	Max. 10mm Glass of Thickness

Meeting stile 'e' are available for size limitation above meeting stile 'd'

MEETING STILE				
TYPE	d		e	

SIZE LIMITATION

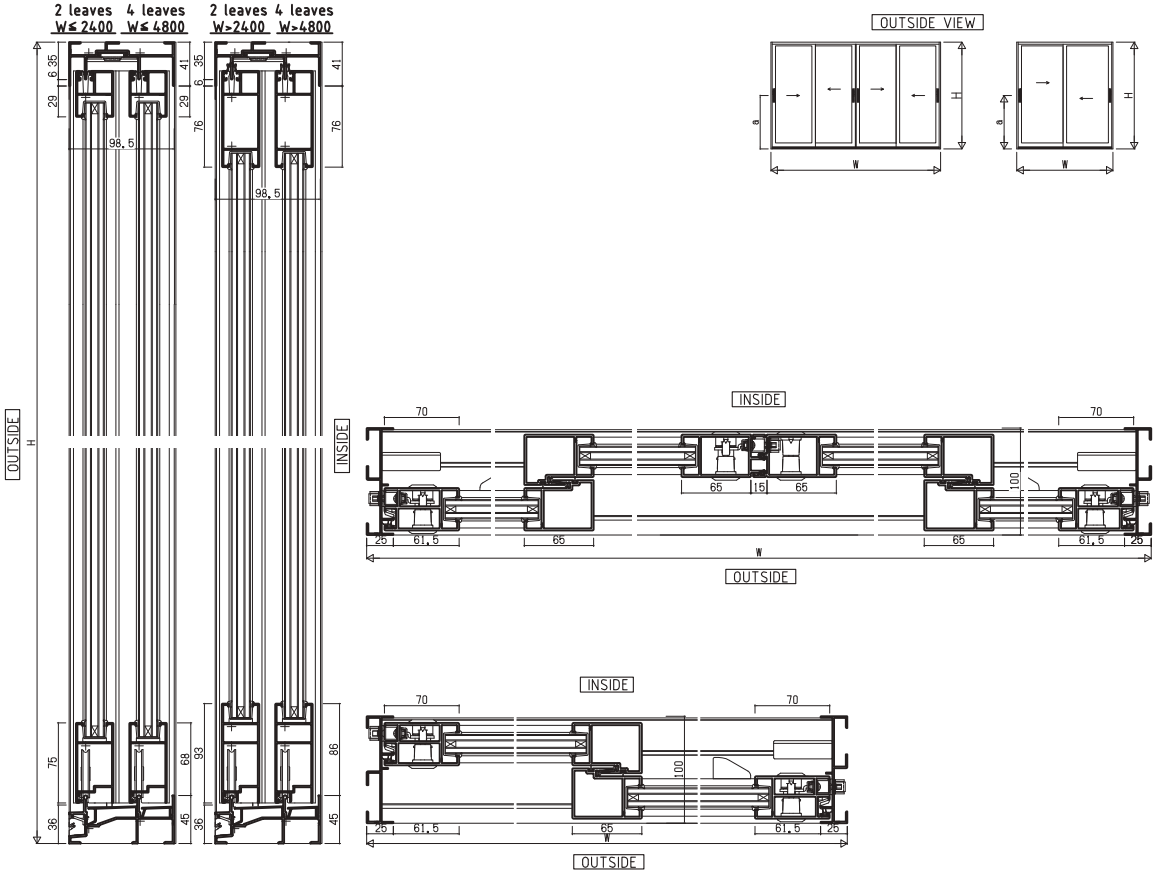
	Wind Pressure
	600 Pa
2 leaves	
3 leaves	
4 leaves	

MEETING STILE				
TYPE	a		b	
MEETING STILE				
TYPE	c		d	

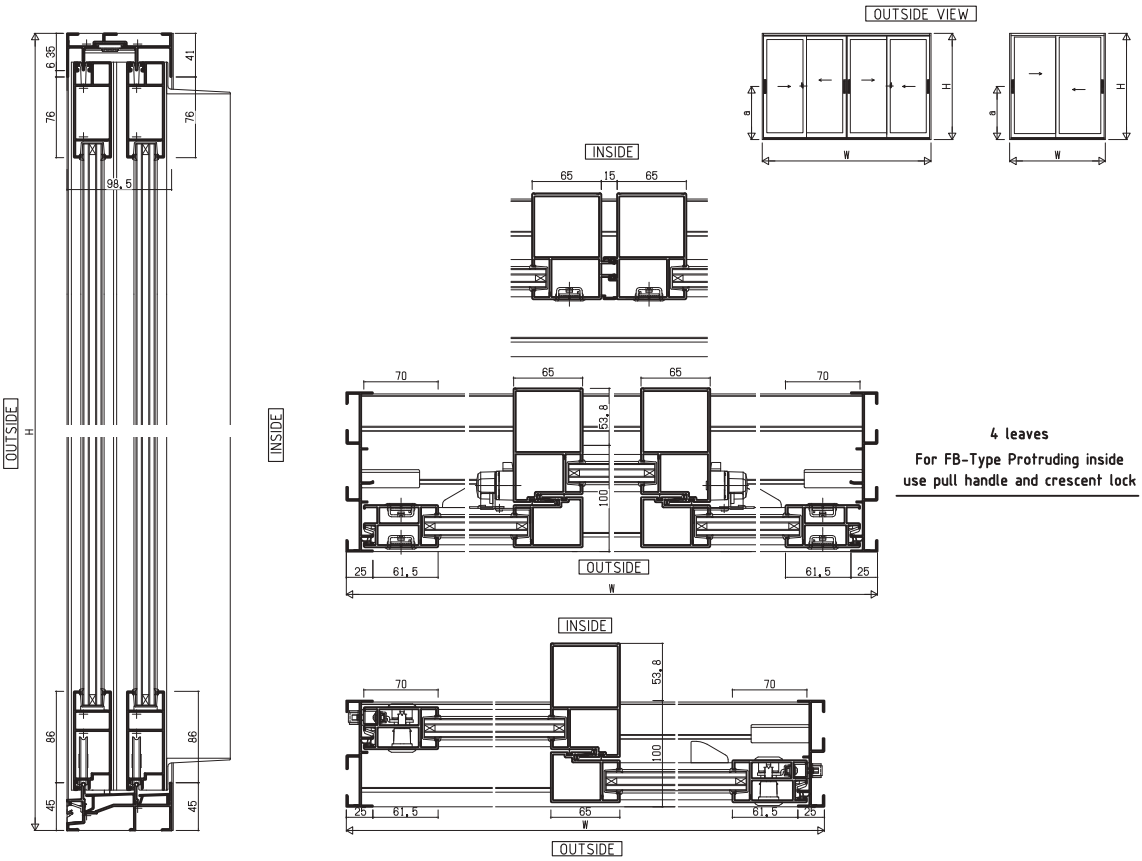
Meeting stile 'c' & 'd' are available for size limitation above meeting stile 'b'

FA - Type 2 & 4 Leaves

*Please check P35-36
for size limitation

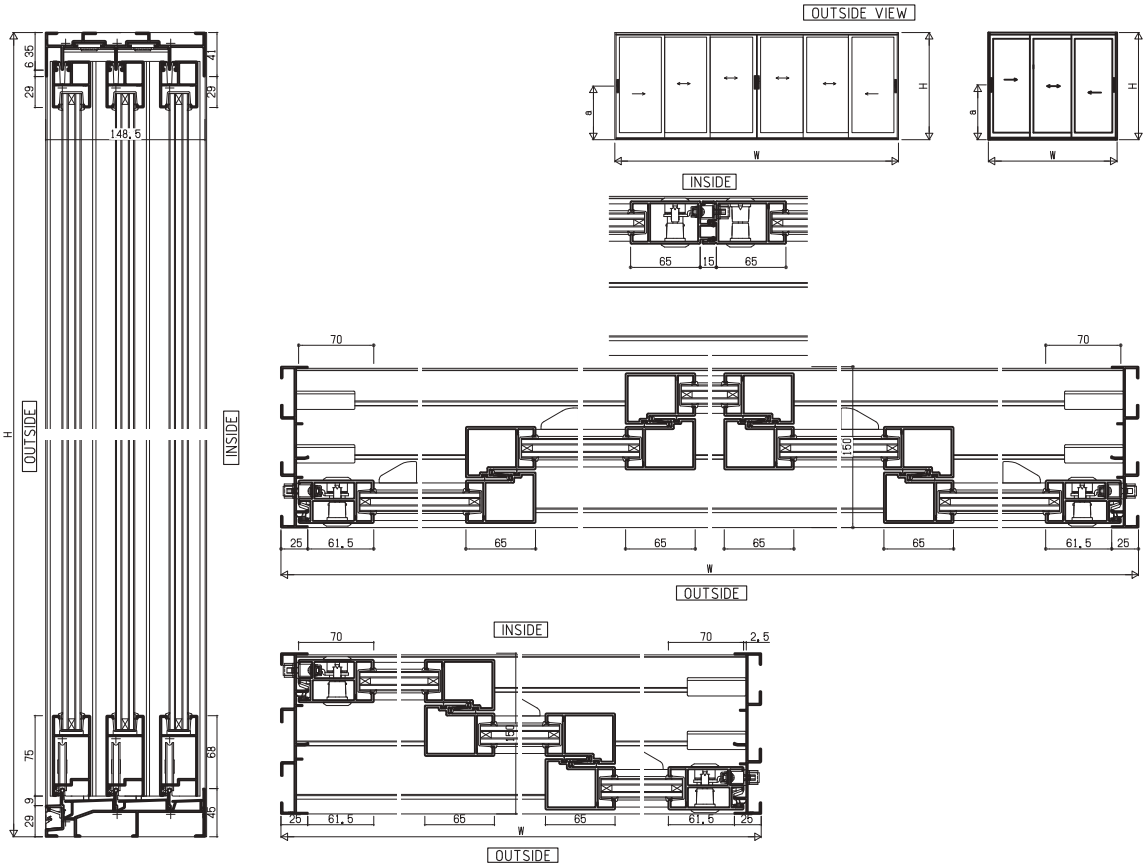


FB - Type 2 & 4 Leaves



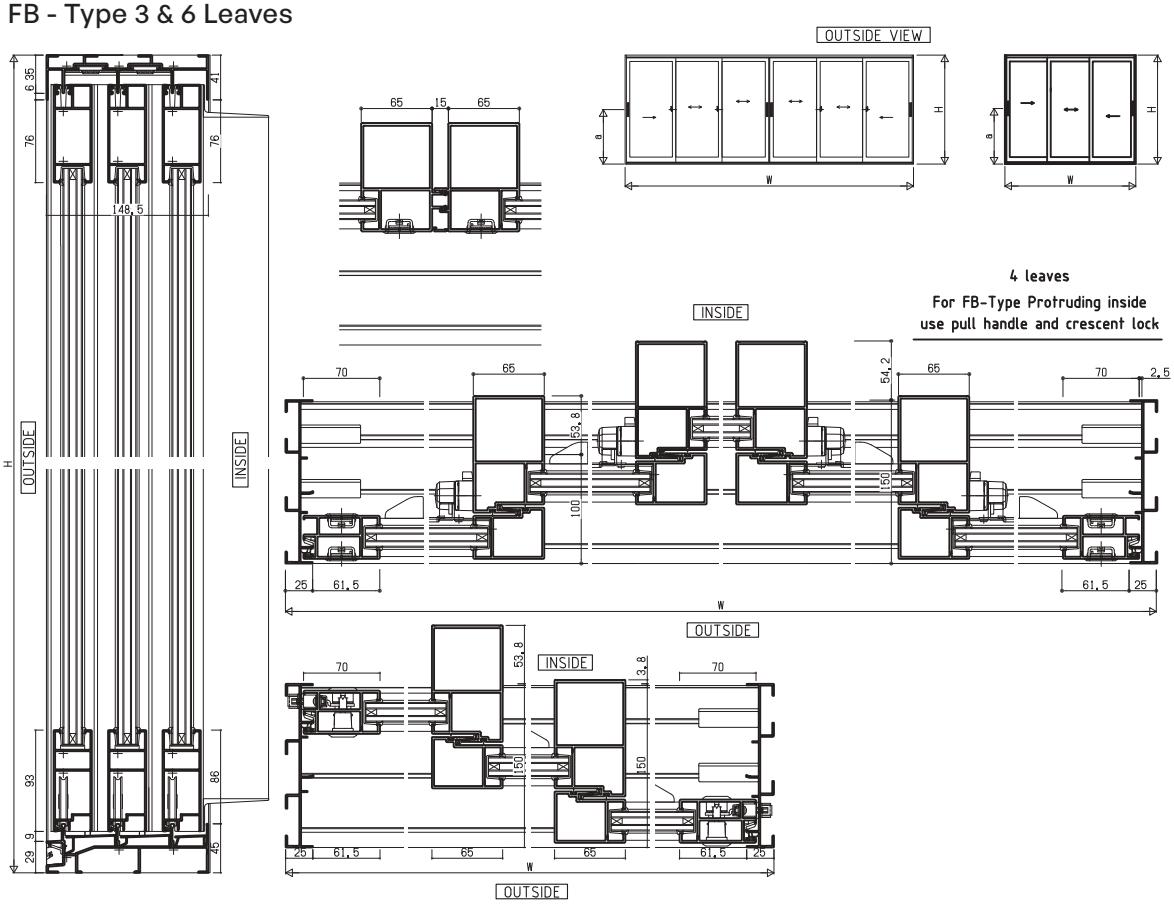
4 leaves
For FB-Type Protruding inside
use pull handle and crescent lock

FA - Type 3 & 6 Leaves



*Please check P35-36 for size limitation

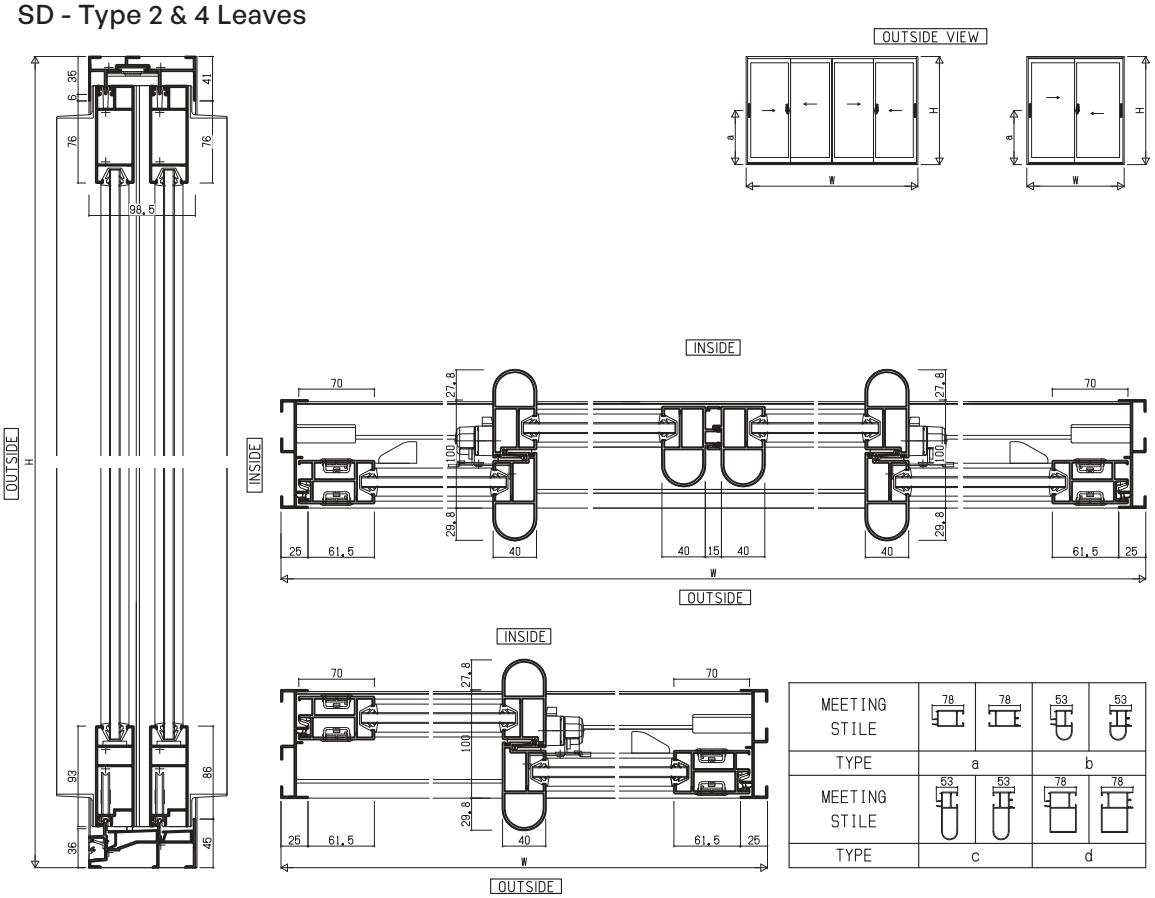
FB - Type 3 & 6 Leaves



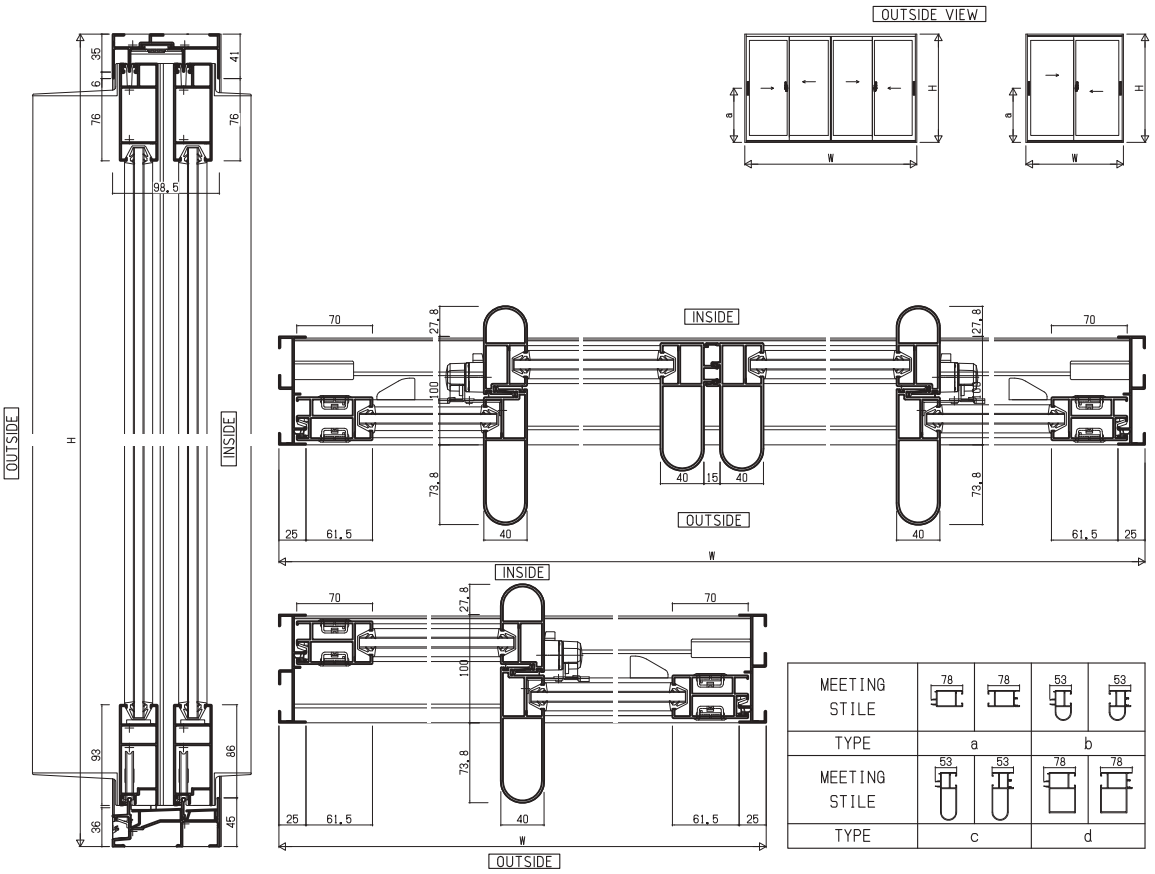
4 leaves
For FB-Type Protruding inside use pull handle and crescent lock

SD - Type 2 & 4 Leaves

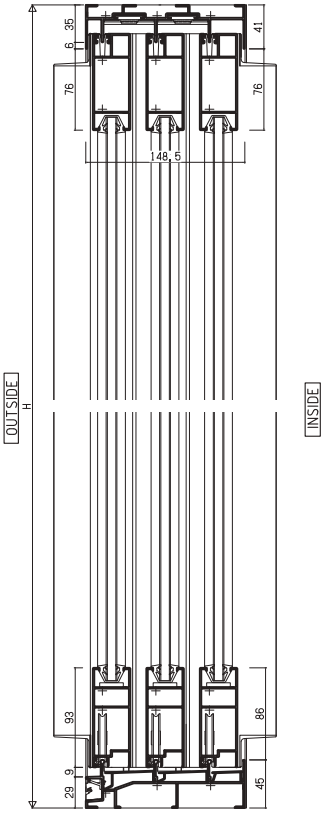
*Please check P35-36 for size limitation

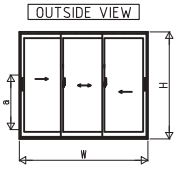


SE - Type 2 & 4 Leaves

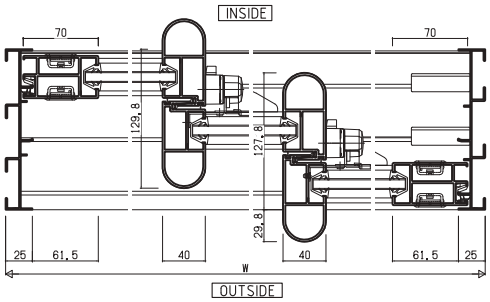


SD - Type 3 Leaves

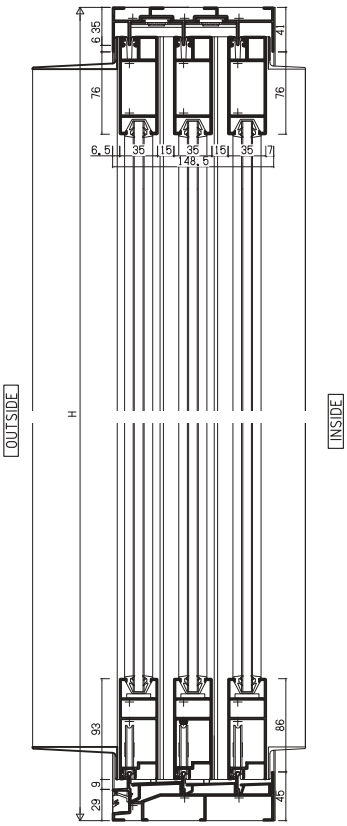


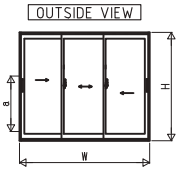


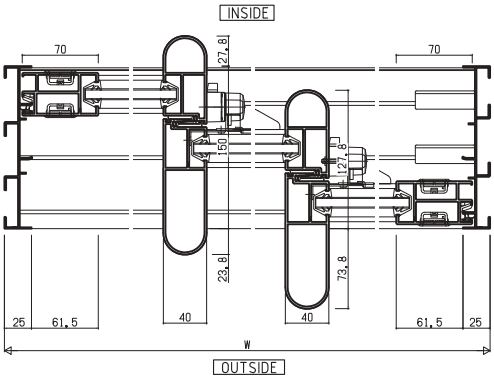
*Please check P35-36 for size limitation



SE - Type 3 Leaves



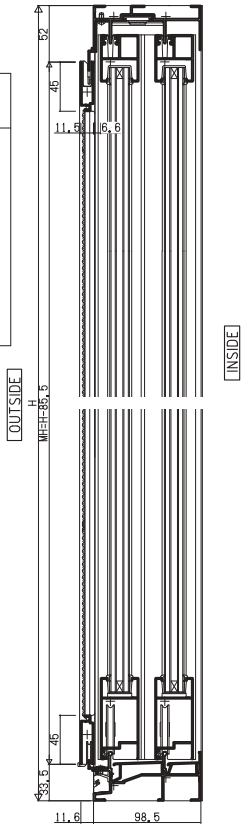


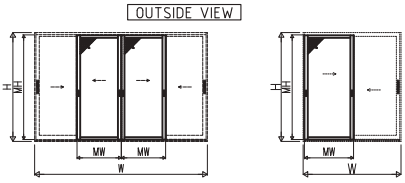


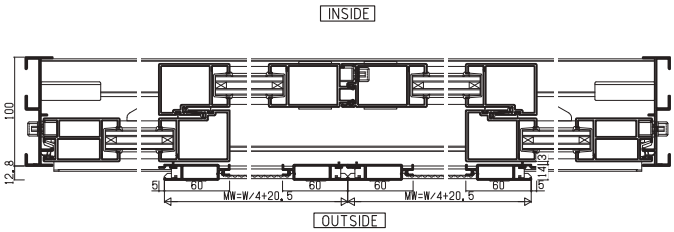
Insect Screen Outside FA,FB - Type 2 & 4 Leaves

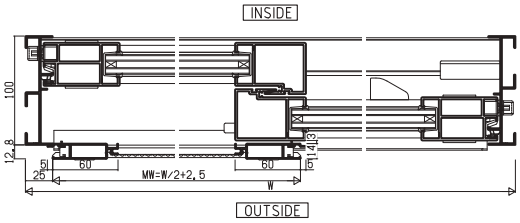
Insect Screen Outside

	WIDTH	HEIGHT
2	302.5≤MW≤1503	314.5≤MH≤2696
3	292≤MW≤1503	
4	320.5≤MW≤1503	
6	304.5≤MW≤1503	

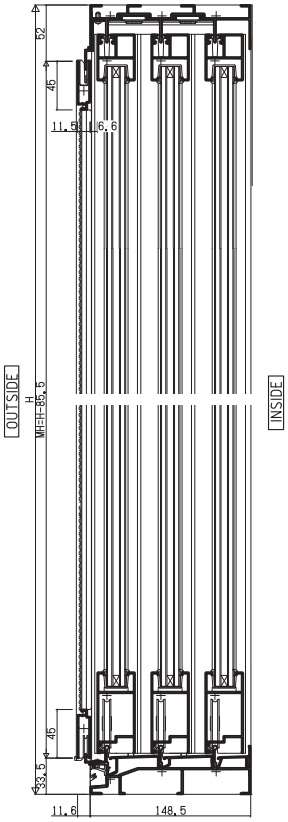


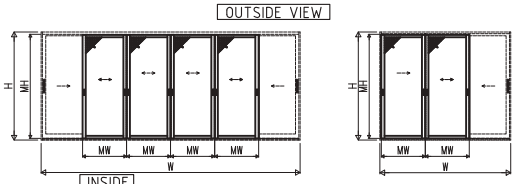


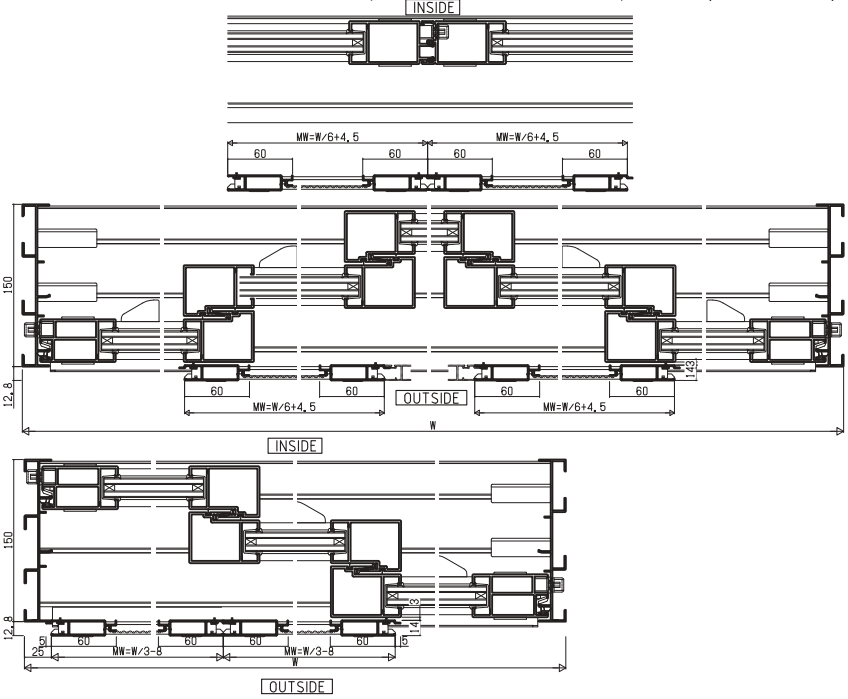




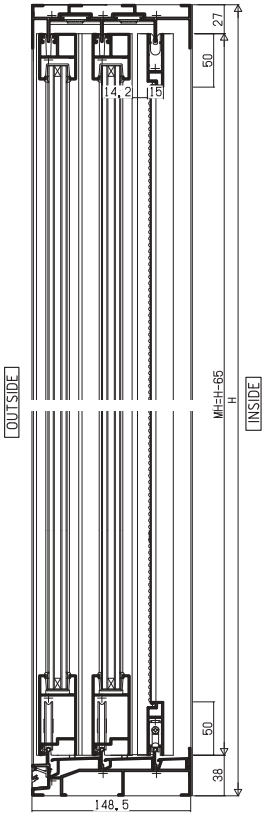
Insect Screen Outside FA,FB - Type 3 & 6 Leaves

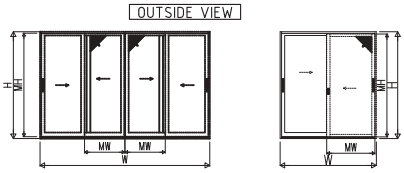






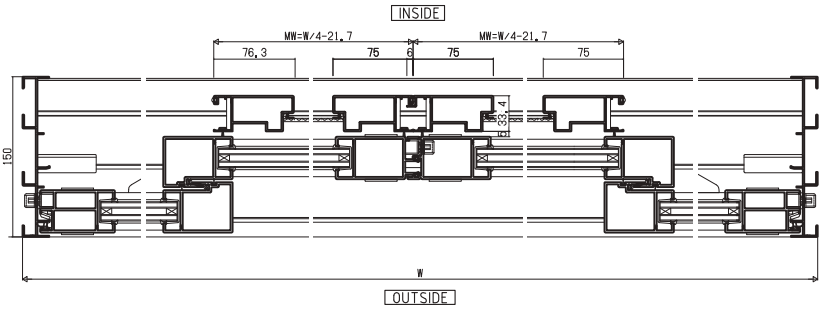
Insect Screen Inside FA - Type 2 & 4 Leaves

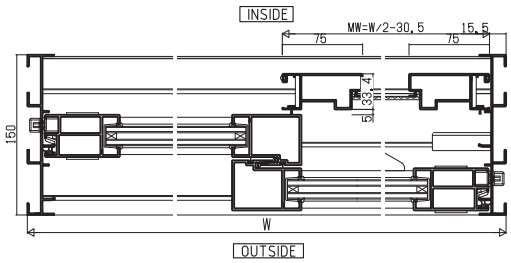




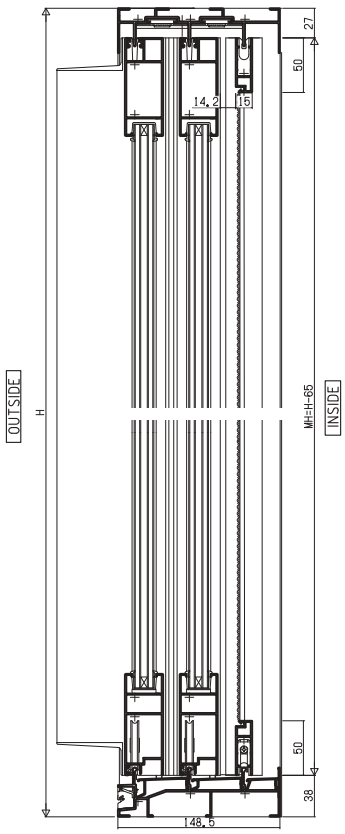
Insect Screen Inside

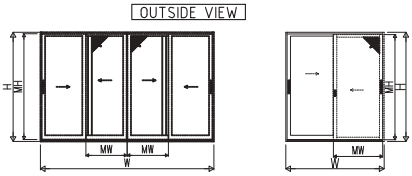
	LEAVES	
	2	4
WIDTH	317≤MW≤1217	278≤MW≤1217
HEIGHT	335≤MH≤3435	

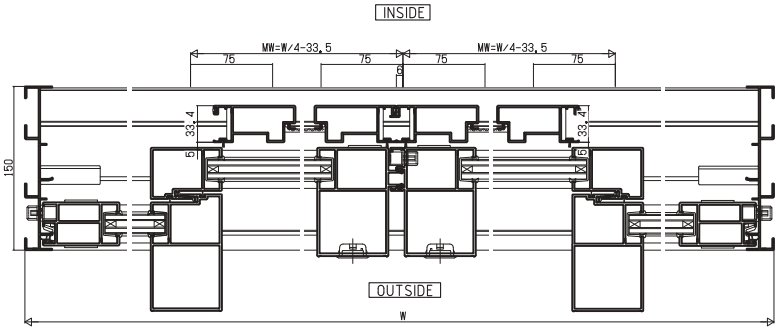


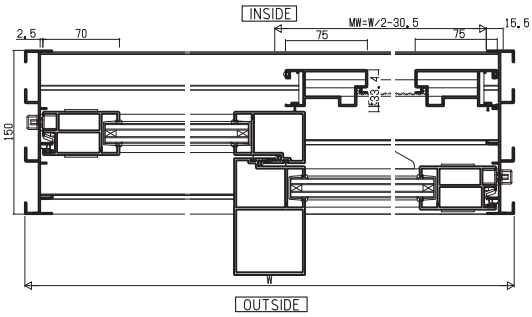


Insect Screen Outside FB - Type 2 & 4 Leaves

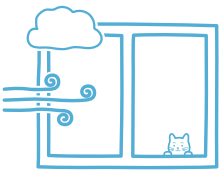








FIX



Structural (Wind Load)

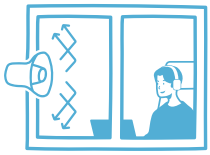
1600 Pa
Deflection
L/125 and L/175

Water Tightness

Square
500 Pa
R-Type
180 Pa

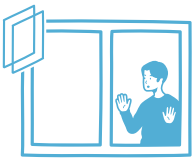
Air Infiltration

Grade A - 4(JIS)



Sound Insulation

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

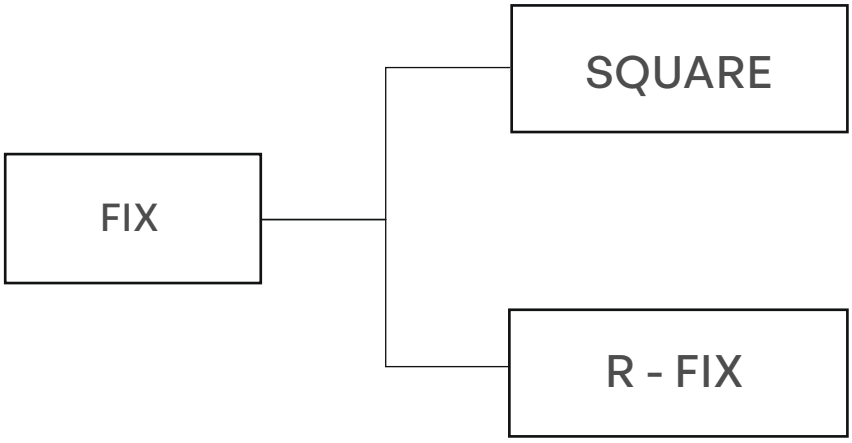


Double Glazing

ECO

FIX

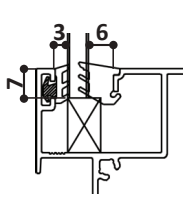
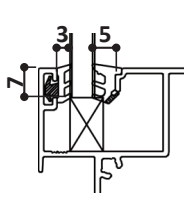
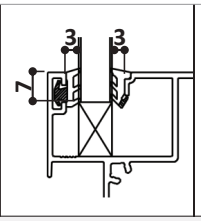
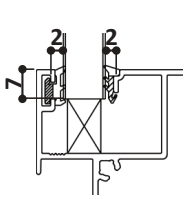
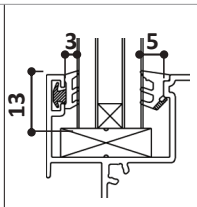
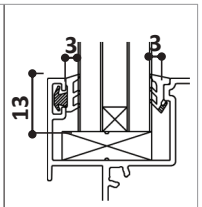
PRODUCT DIAGRAM



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

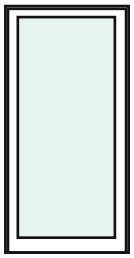
● *Available*

FIX

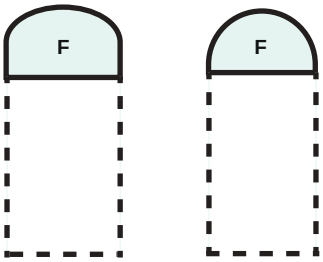
FEATURES

Variation

Fixed



Fixed R-Type



Detail of Profile Combination

Transom

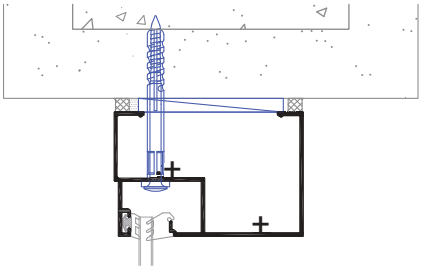
Muntin

Joint Frame Square and R-FIX

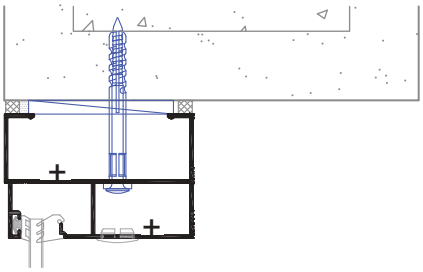
Design

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.

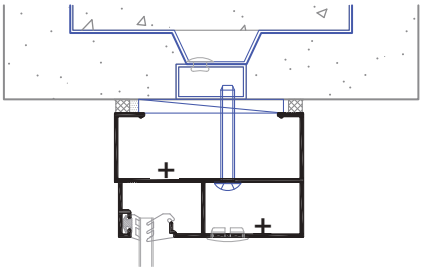
Standard Installation



Flat Installation

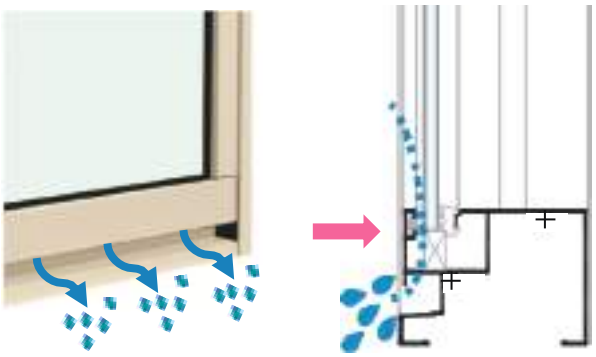


Sub Frame Installation



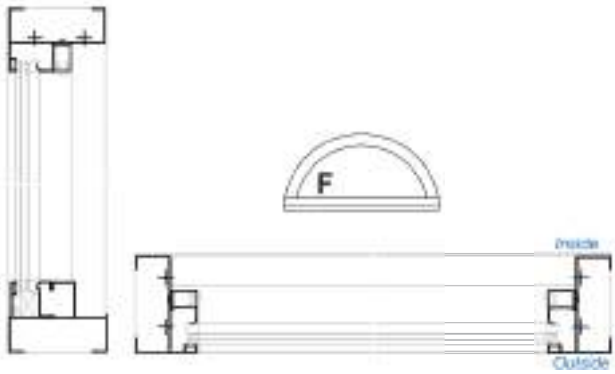
Relief

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

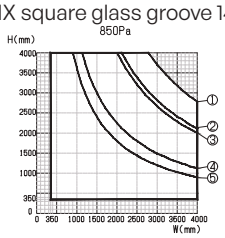


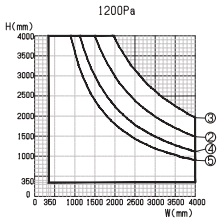
Flat & Round Design

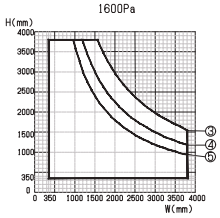
Flat design for simple set-up. Advanced design for better function.



FIX square glass groove 14 mm

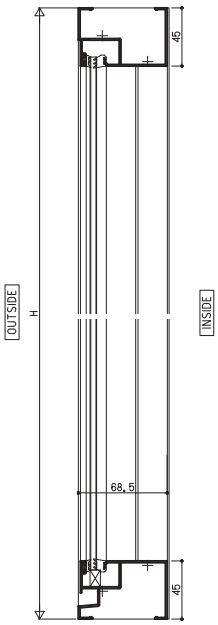


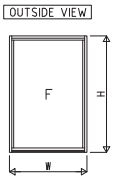


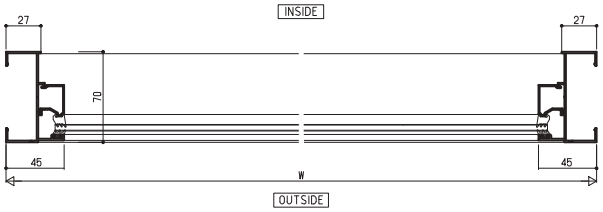


	GLASS	SUPPORT
1	10mmTHK	WITH SILL REINFORCEMENT
2	8mmTHK	WITH SHIM RECEIVER
3	10mmTHK	WITH SHIM RECEIVER
4	8mmTHK	WITHOUT SUPPORT
5	10mmTHK	WITHOUT SUPPORT

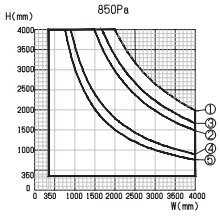
FIX square 14 mm

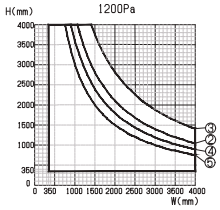


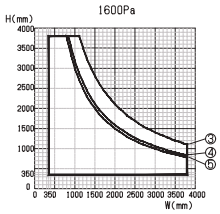




FIX square glass groove 24 mm

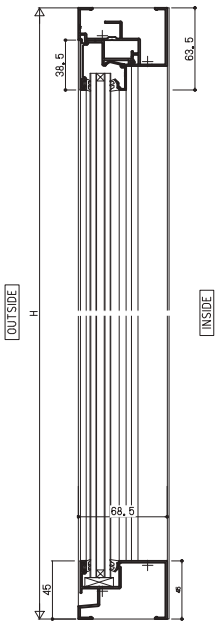


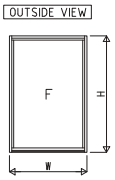


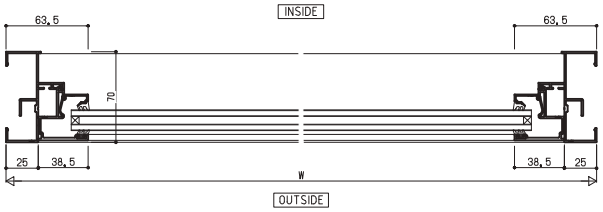


	GLASS	SUPPORT
1	6+A6+6mmTHK	WITH SILL REINFORCEMENT
2	5+A6+5mmTHK	WITH SHIM RECEIVER
3	6+A6+6mmTHK	WITH SHIM RECEIVER
4	5+A6+5mmTHK	WITHOUT SUPPORT
5	6+A6+6mmTHK	WITHOUT SUPPORT

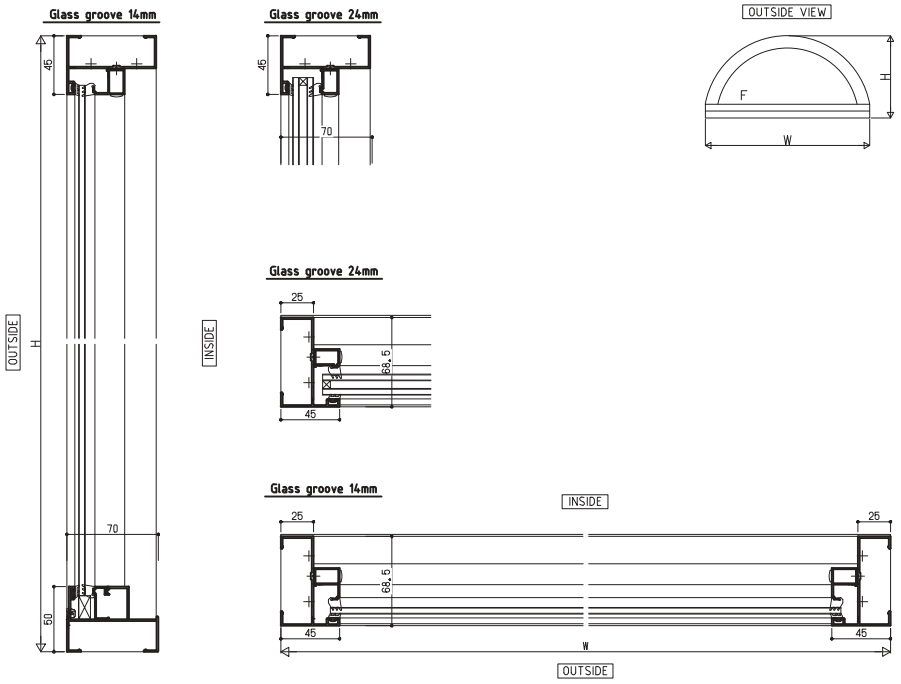
FIX square 24 mm



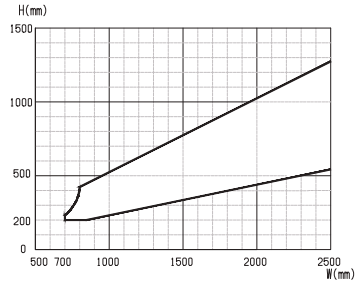




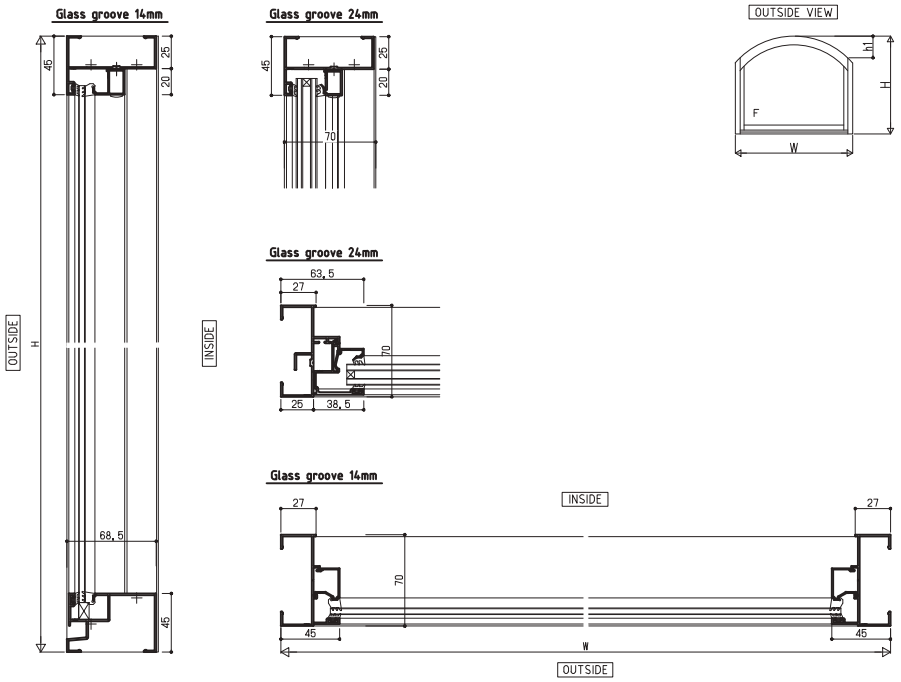
R - FIX (A)



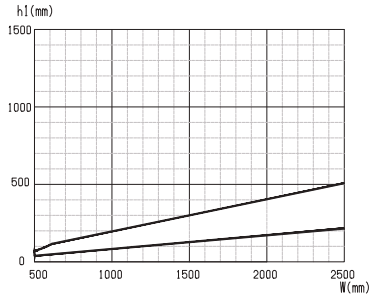
R - FIX (A)



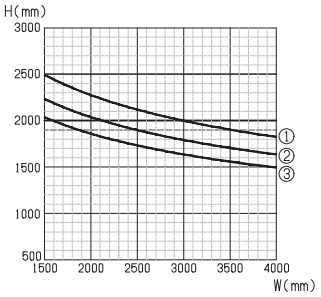
R - FIX (B)



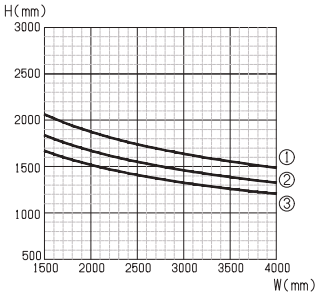
R - FIX (B)



Muntin 14 mm

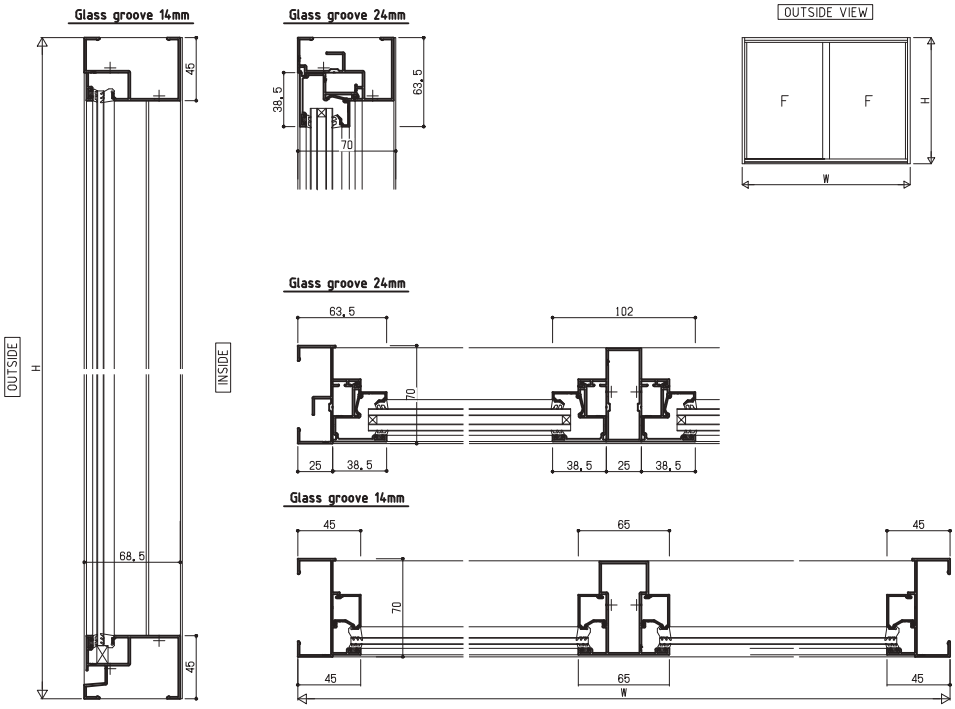


Muntin 24 mm

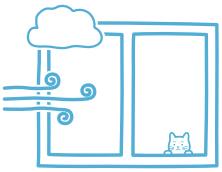


	PRESSURE
1	850Pa
2	1200Pa
3	1600Pa

FIX - FIX with Muntin



TOP HUNG



Structural (Wind Load)

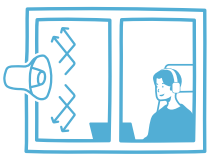
1600 Pa
Deflection
L/125 and L/175

Water Tightness

350 Pa

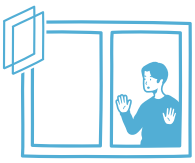
Air Infiltration

Grade A - 4(JIS)



Sound Insulation

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

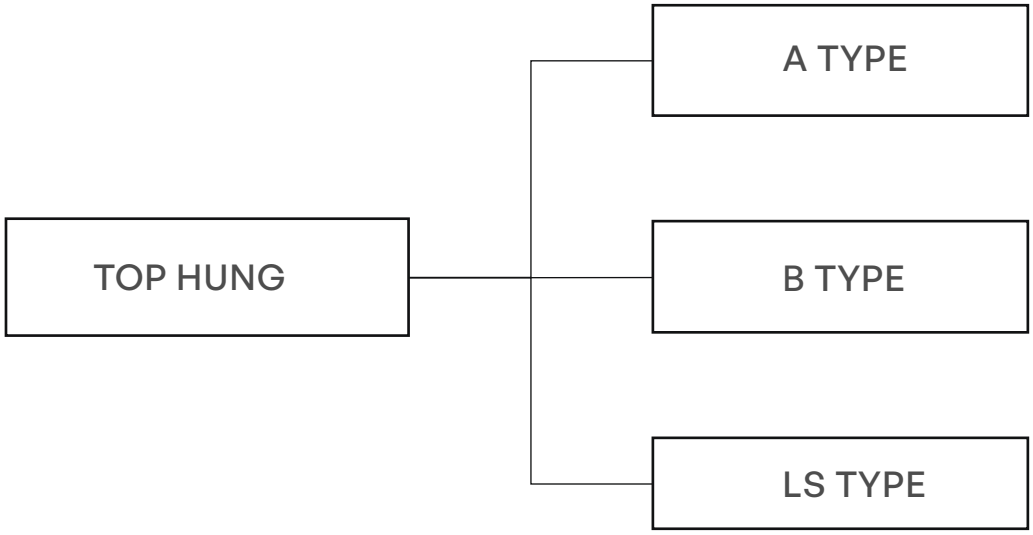


Double Glazing

ECO

TOP HUNG

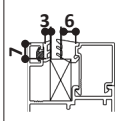
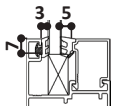
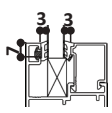
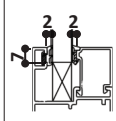
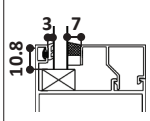
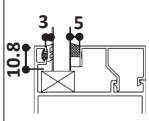
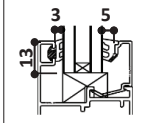
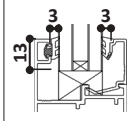
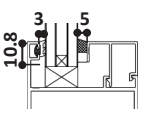
PRODUCT DIAGRAM



VARIATION

A, B, LS TYPE

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

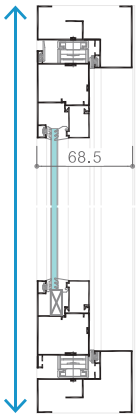
TOP HUNG

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

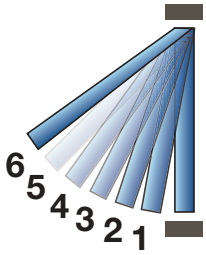
When the window is open wide, the stopper is set up to prevent the window from flapping in strong wind.

• Friction Stay

Friction stay is set as standard for safety

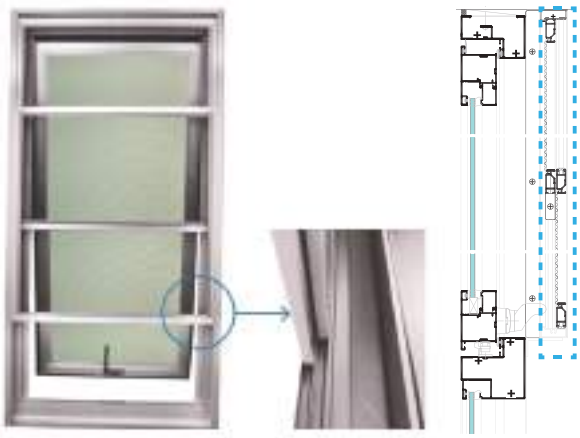
• 6 Step Arm Stopper A & B Type (Option)

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



Double Hung (Vertical) Insect Screen

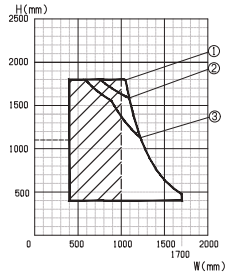
Possible to install Double Hung (Vertical Slide) Insect Screen to get both air ventilation and insect prevention. Installation works either way directly to wall or at the sash frame.



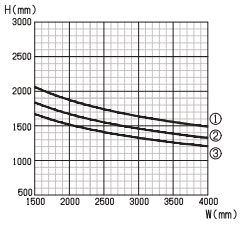
This insect screen can also be use for Casement

A - Type

A - Type

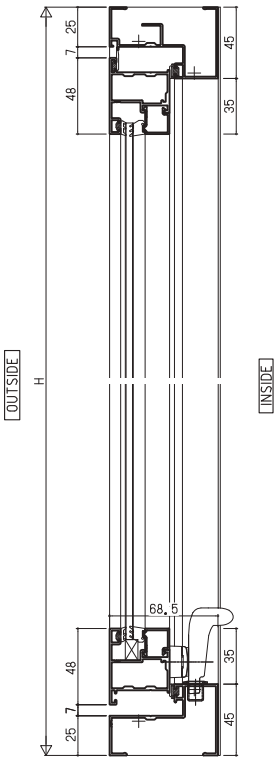


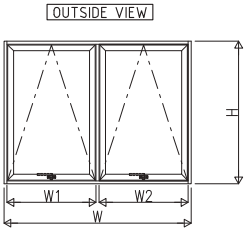
A - Type
with MUNTIN

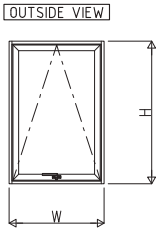


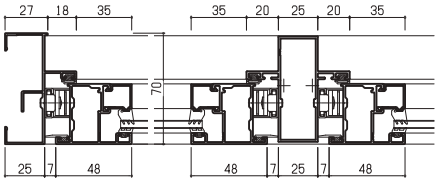
	LOCK	PRESSURE
1	CAMLATCH	850 Pa
2	CAMLATCH	1200 Pa
3	CAMLATCH	1600 Pa

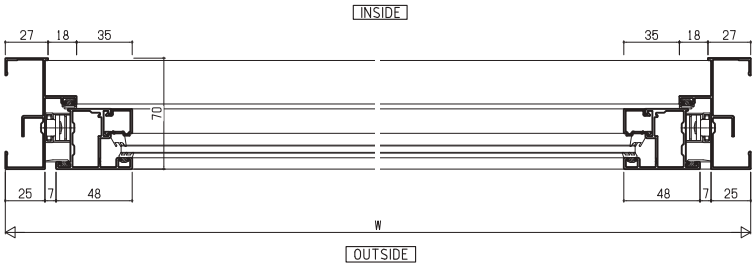
Hatched area can't install safety stopper





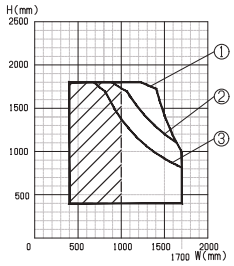






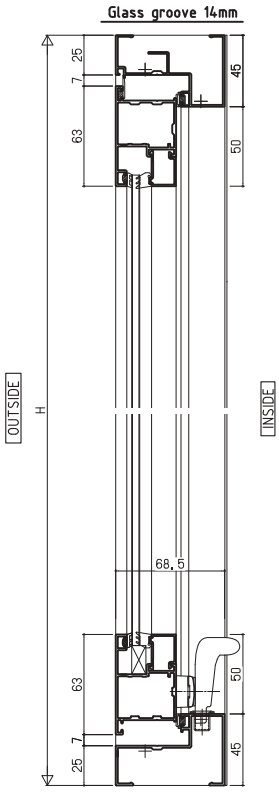
B - Type Camlatch Single

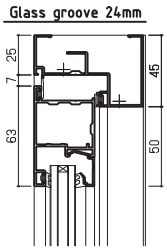
B- Type Camlatch

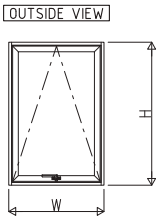


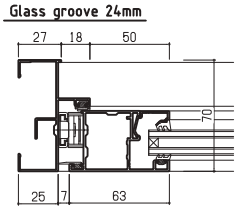
	LOCK	PRESSURE
1	CAMLATCH	850 Pa
2	CAMLATCH	1200 Pa
3	CAMLATCH	1600 Pa

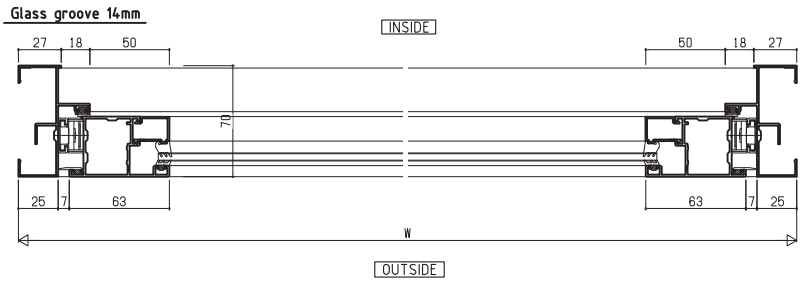
Hatched area can't install safety stopper



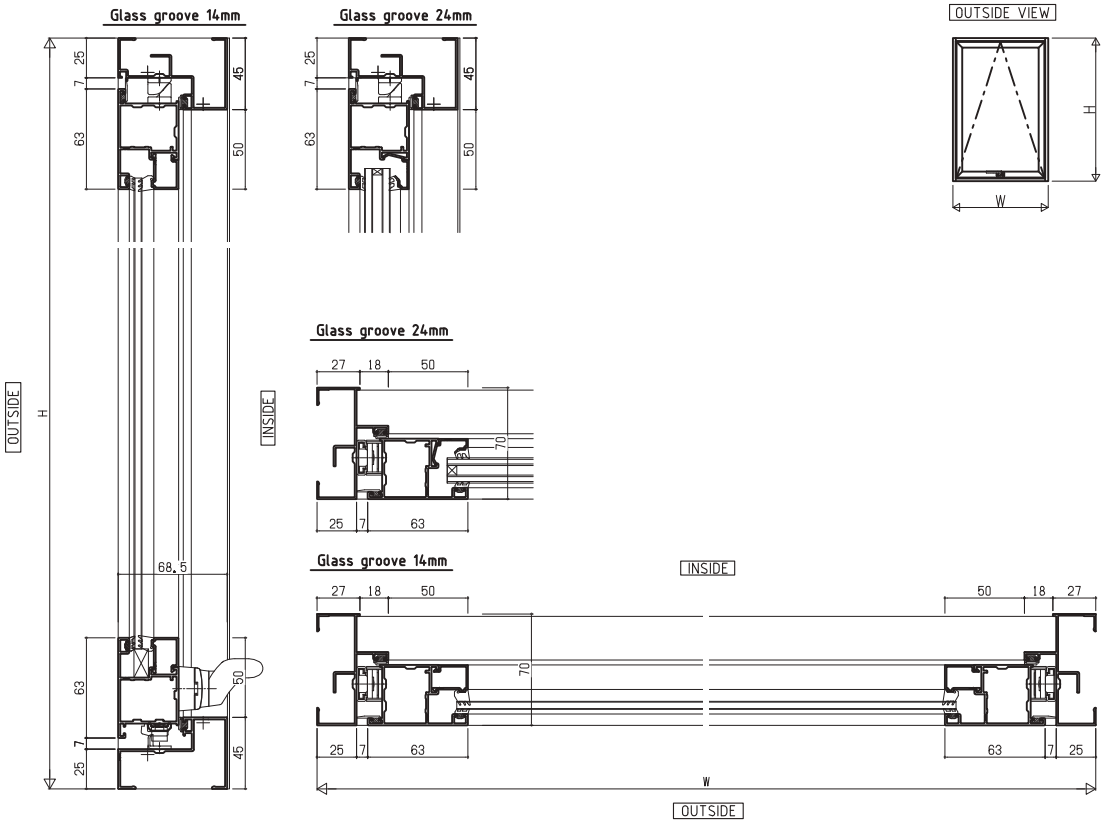




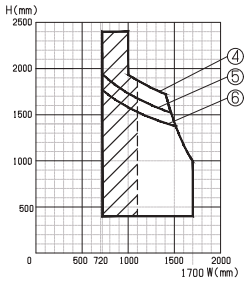




B - Type Multipoint



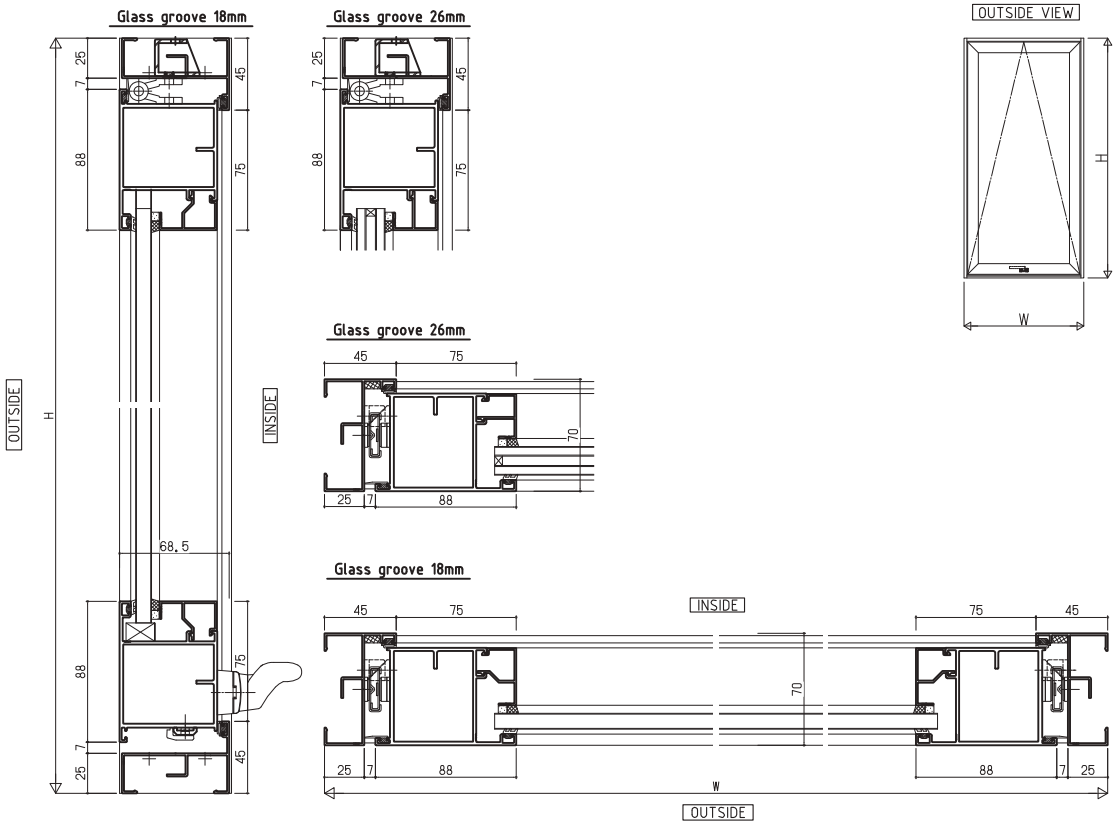
B Type - Multipoint



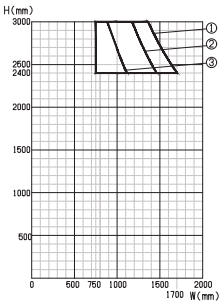
	LOCK	PRESSURE
4	MULTIPOINT	850 Pa
5	MULTIPOINT	1200 Pa
6	MULTIPOINT	1600 Pa

Hatched area can't install safety stopper

LS - Type



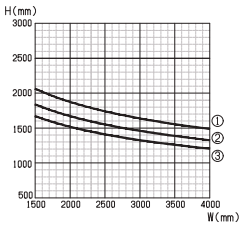
LS - Type



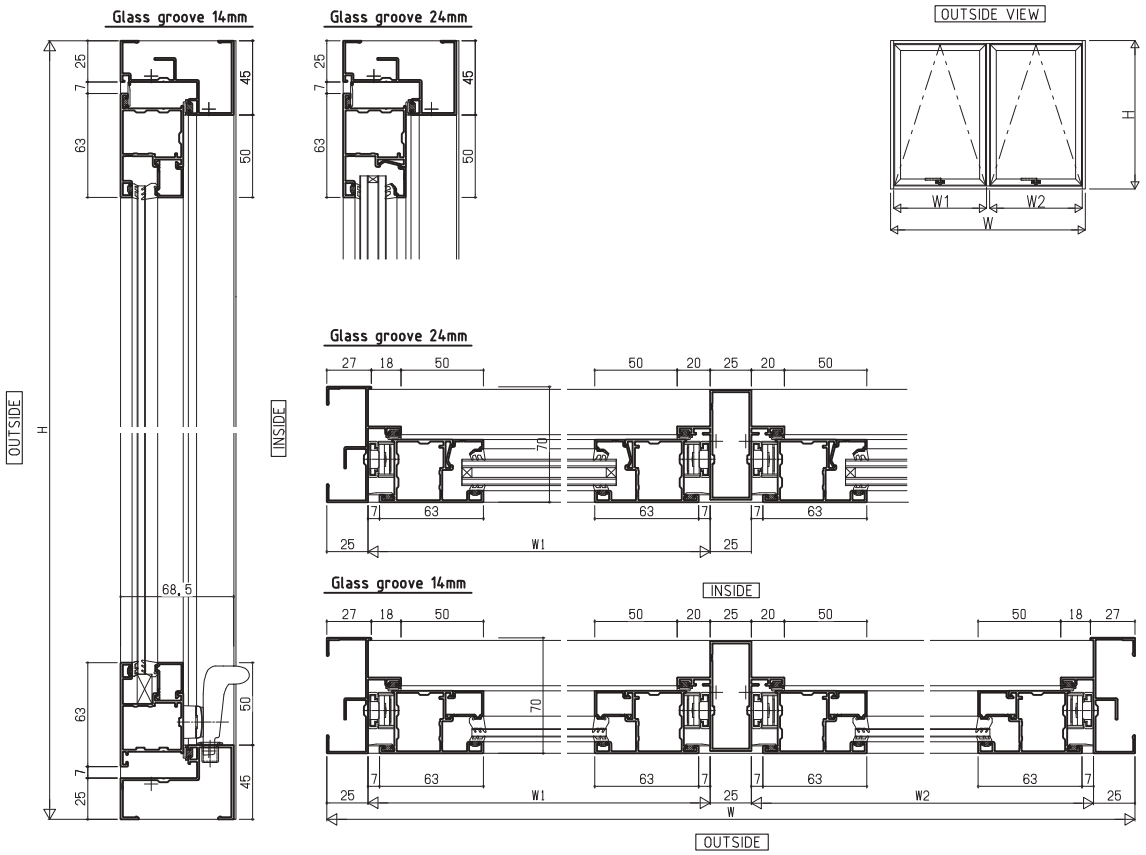
	LOCK	PRESSURE
1	MULTIPOINT	850 Pa
2	MULTIPOINT	1200 Pa
3	MULTIPOINT	1600 Pa

B - Type Camlatch with Muntin

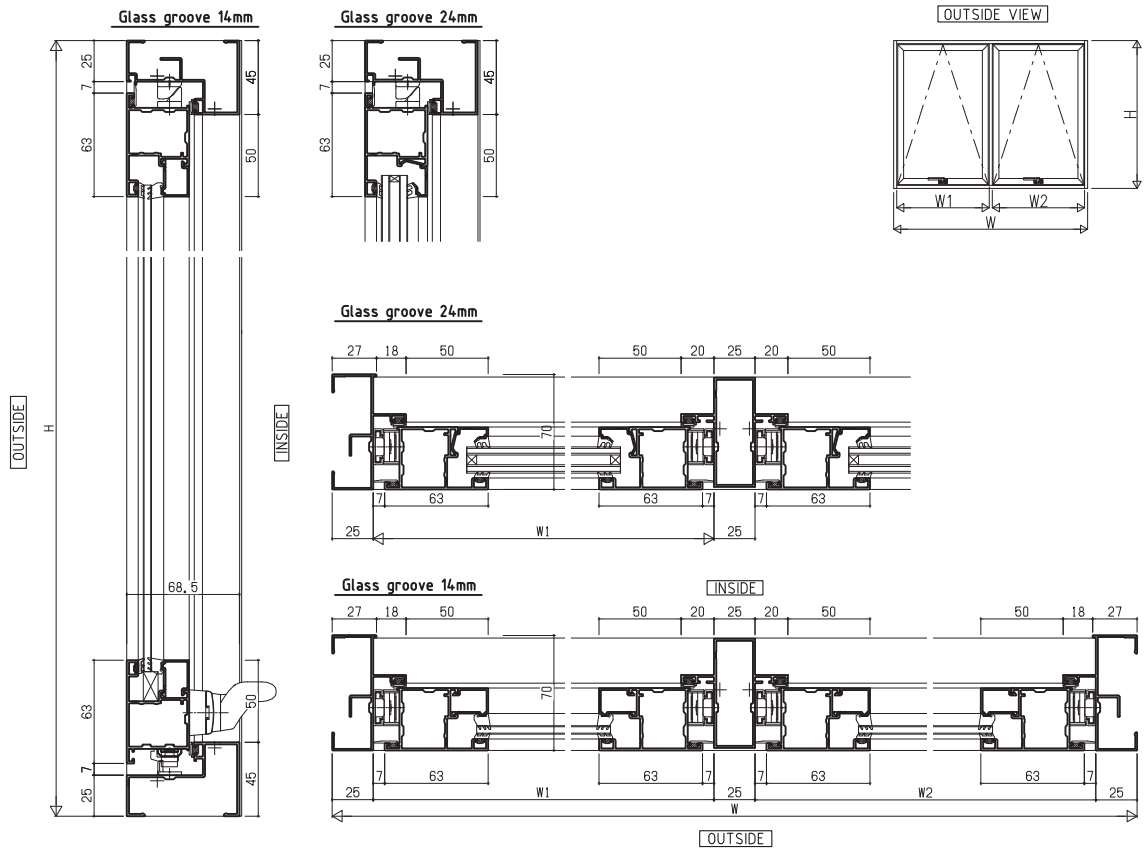
B - Type with Muntin



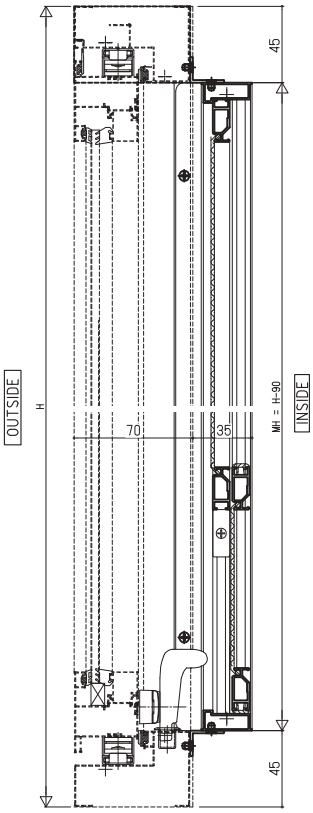
	LOCK	PRESSURE
1	CAMLATCH	850 Pa
2	CAMLATCH	1200 Pa
3	CAMLATCH	1600 Pa

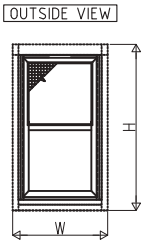


B - Type Multipoint with Muntin

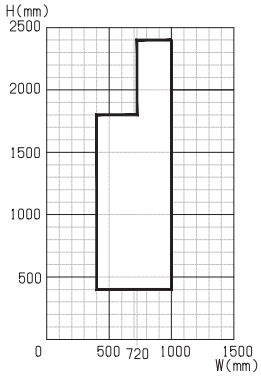


Insect Screen - Vertical Sliding on Frame

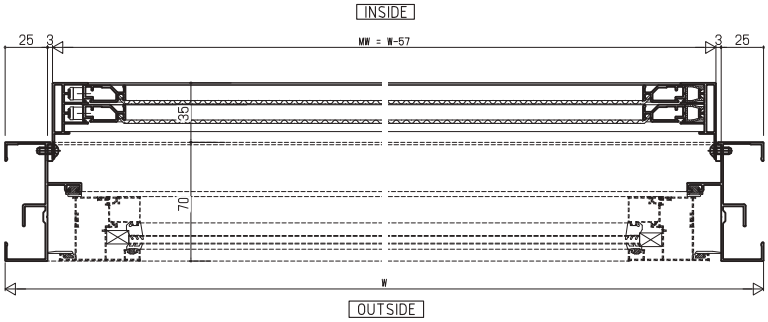




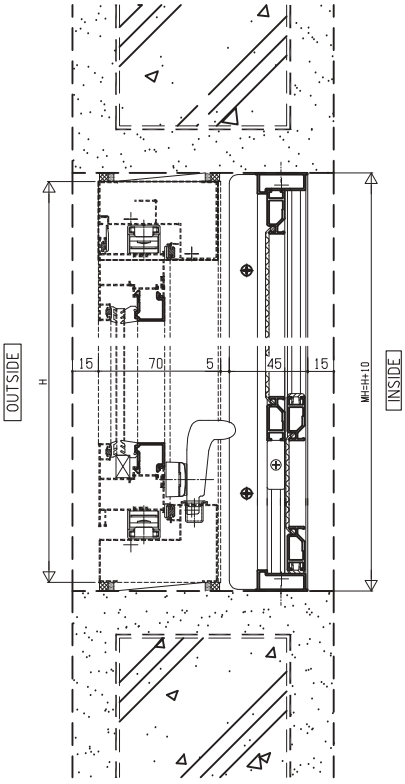
TH Single Insect Screen

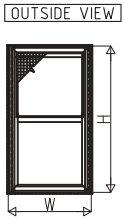


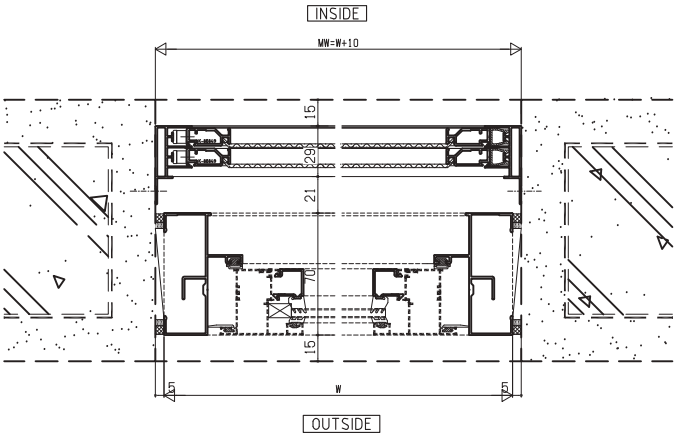
Height limitation follow window's size limitation



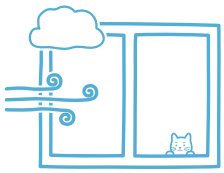
Insect Screen - Vertical Sliding on Wall







HIGH VENTILATION WINDOW



Structural (Wind Load)

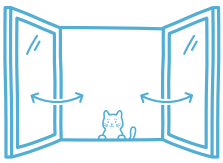
1600 Pa
Deflection
L/175

Water Tightness

75 Pa

Air Infiltration

Grade A - 4(JIS)



Open-close Test

30,000 cycle
depends on item

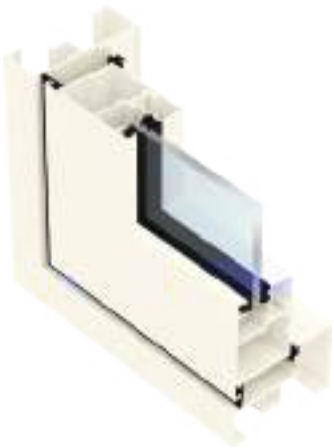
HIGH VENTILATION WINDOW

PRODUCT DIAGRAM

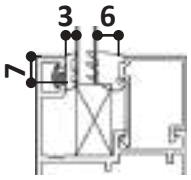
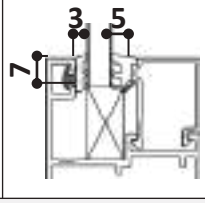
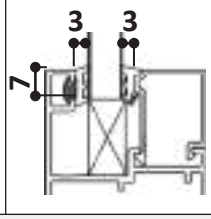
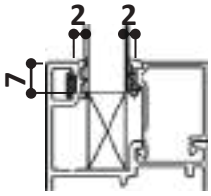
HIGH VENTILATION WINDOW — A TYPE

VARIATION

A TYPE ONLY



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*

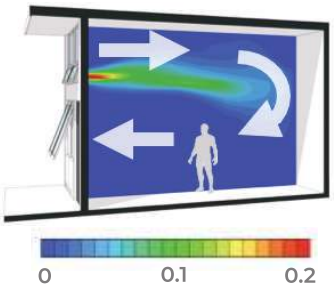
HIGH VENTILATION WINDOW

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.

General Windows

Typical Window
- Upper window is fix window
- Poor ventilation performance



Indoor air speed (m/s)

Combined with High Ventilation Window

Ventilation Effectivity 3.45x

Air Change Rate[3]	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 bacterias away from the room.

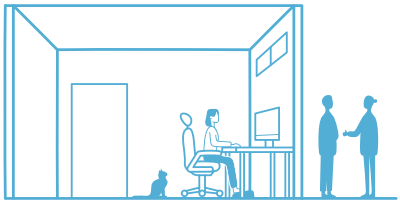
Air Change Rate[3]	1.66 times/hour	▲ 345%

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

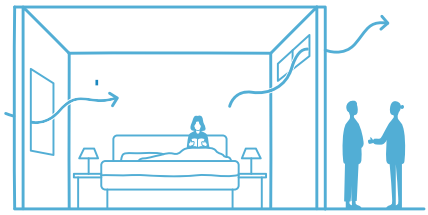
The increased air change rate bringing more air fresh inside and push away pollutants and dirty air from the room

VARIOUS APPLICATIONS OF HIGH VENTILATION WINDOW IN YOUR BUILDING

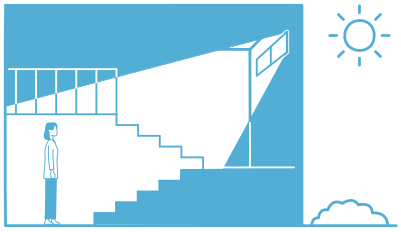
In study room (for privacy)



In bedroom (for privacy)



Provide daylight in stair space



Improve air quality

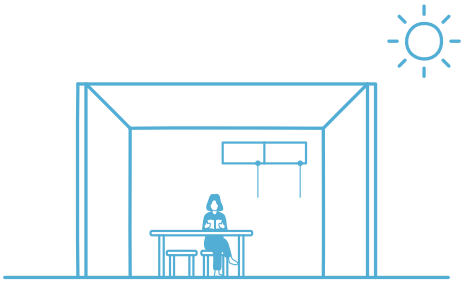
※ notes :

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.

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

PRODUCT VARIATION :

I. Loopless Chain Type

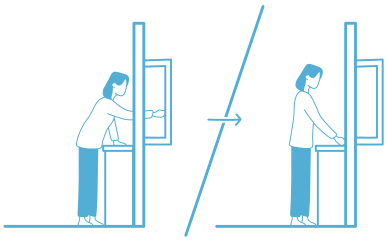


The high position window makes your room more spacious and brighter.

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

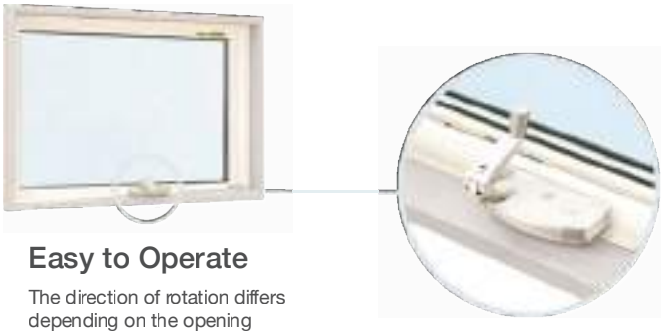
Adjustable wire lenght up to 3.5m

II. Operator Handle Type



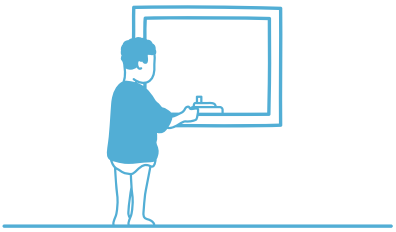
Easy And Safe

Even in the hard to reach places the operation is easy



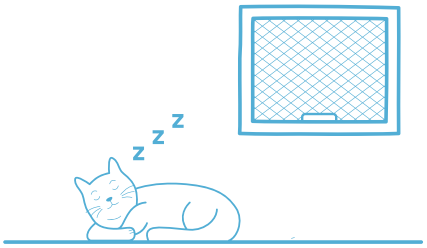
Easy to Operate

The direction of rotation differs depending on the opening



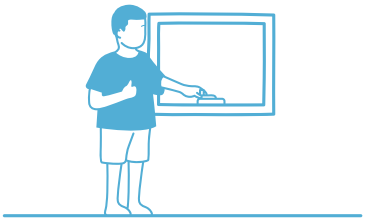
Save For Kids

It is safe for children, no helper needed



Free From Insect (Optional)

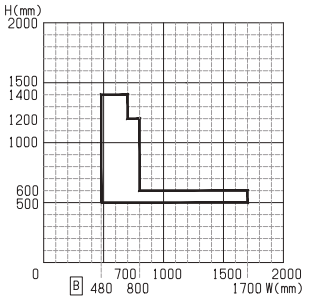
The window can be opened and closed without opening the attached insect screen

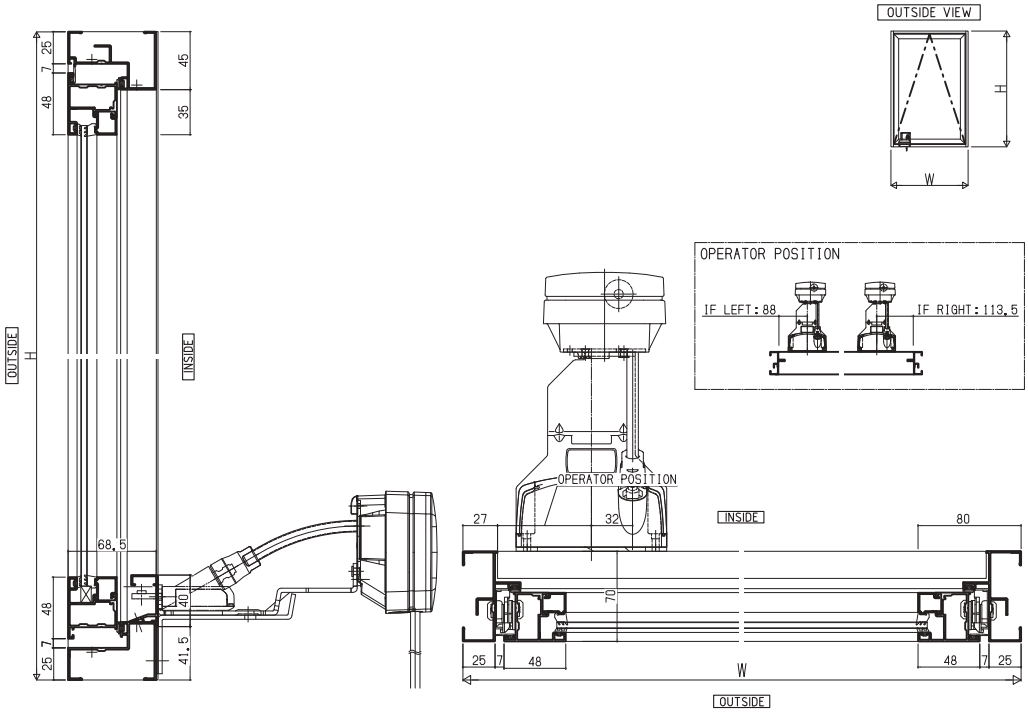


Easy to Operate

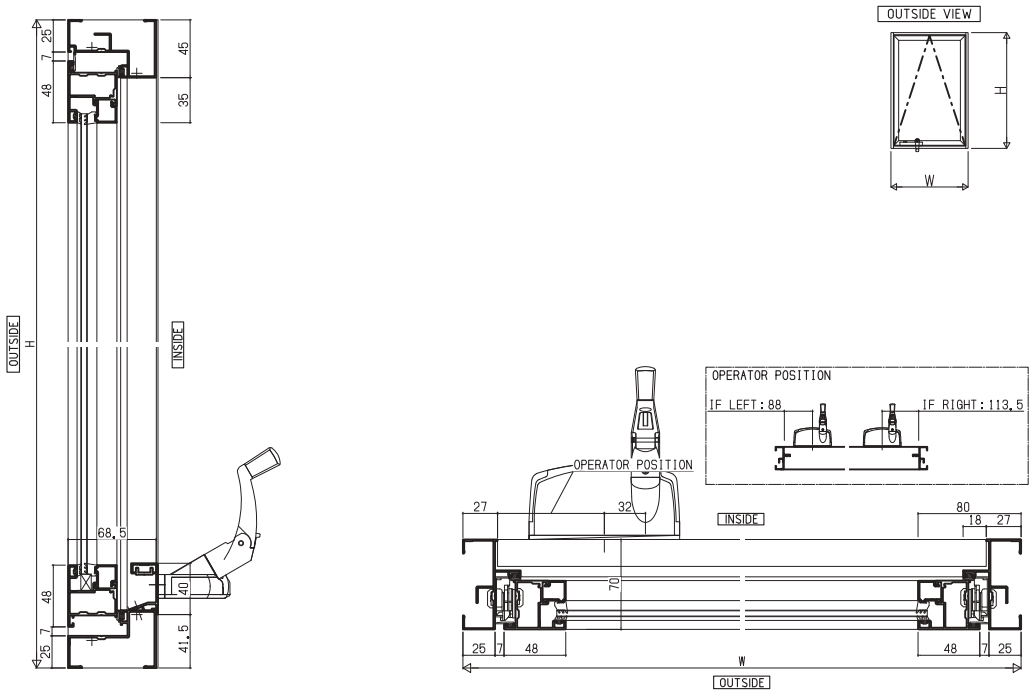
It is easy for children to operate

Loopless

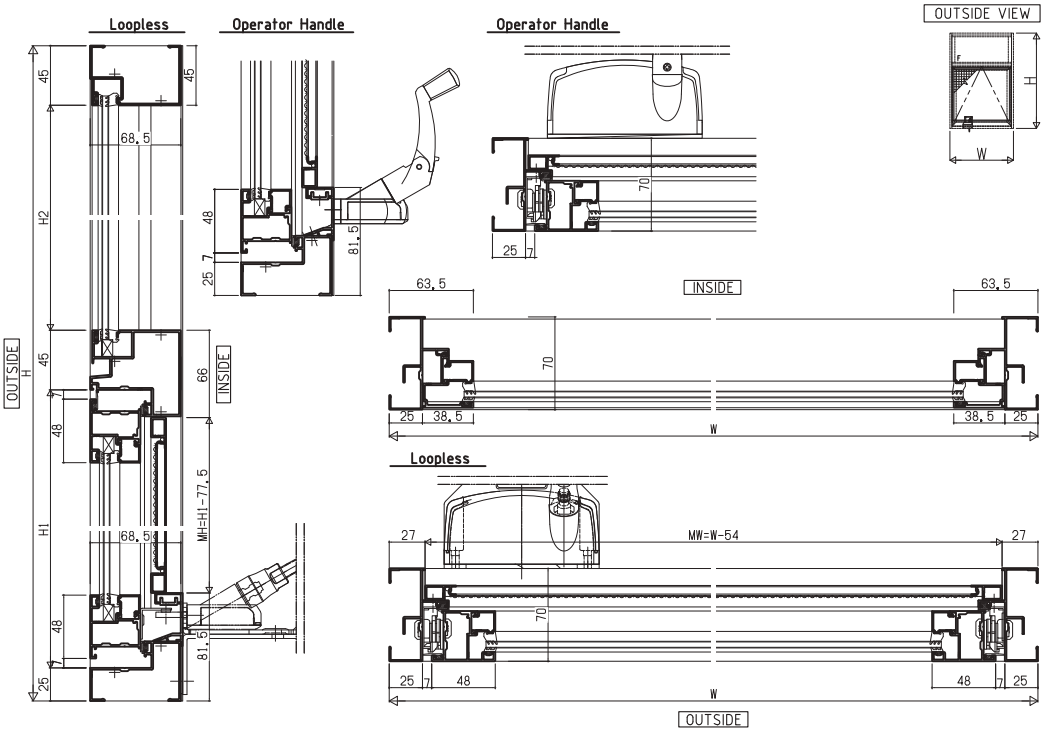


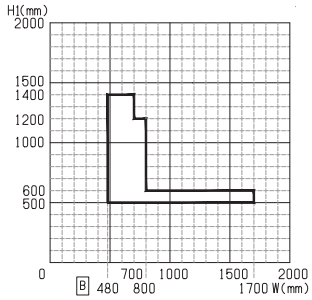


Operator Handle



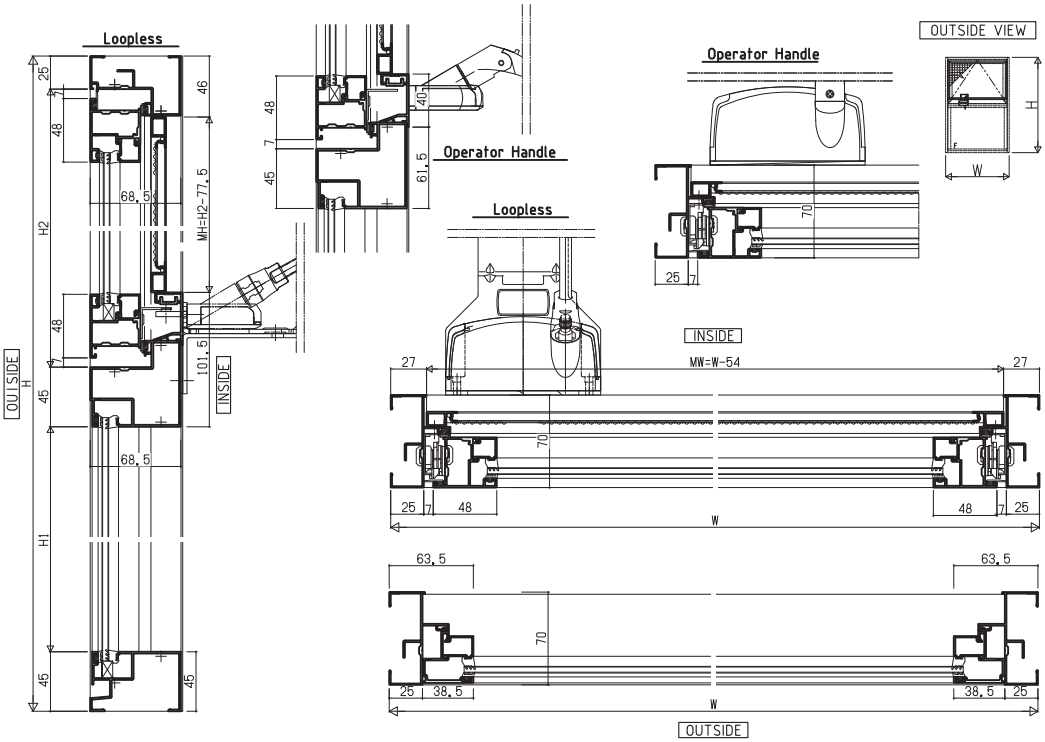
Insect Screen FIX / TH



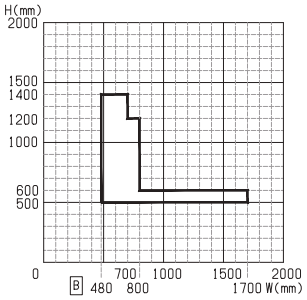


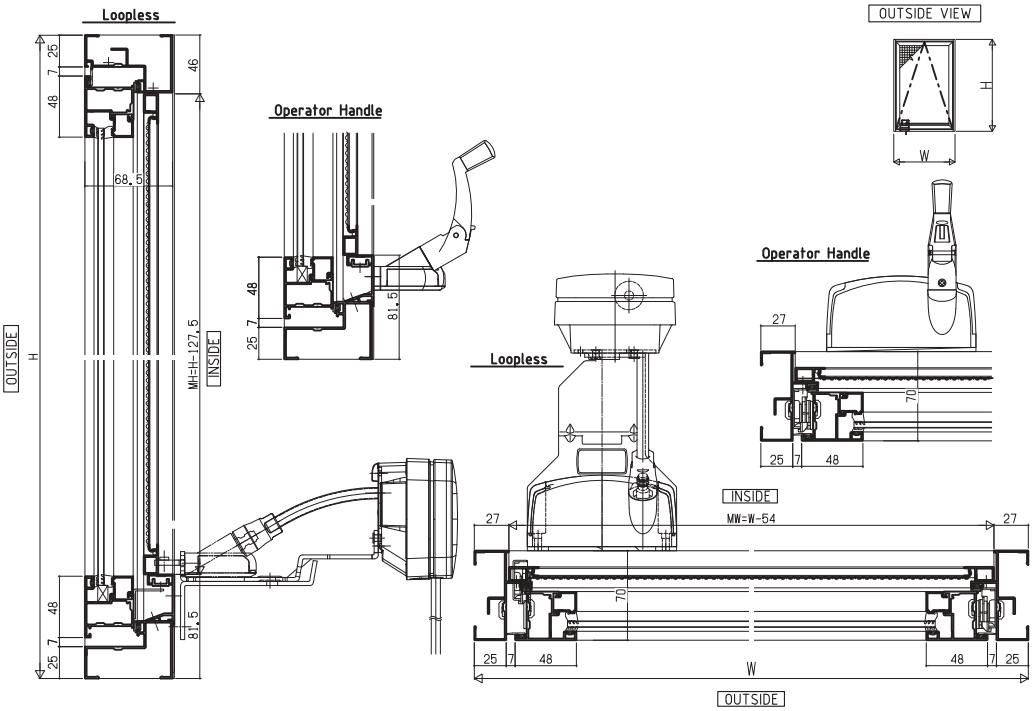
*Transom size limitation please check P125

Insect Screen TH / FIX

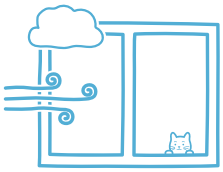


Insect Screen TH





CASEMENT



Structural (Wind Load)

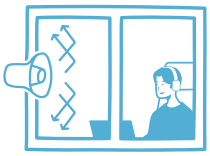
1600 Pa
Deflection
L/125 and L/175

Water Tightness

350 pa

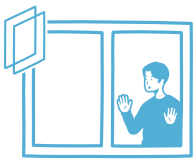
Air Infiltration

Grade A - 4(JIS)



Sound Insulation

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

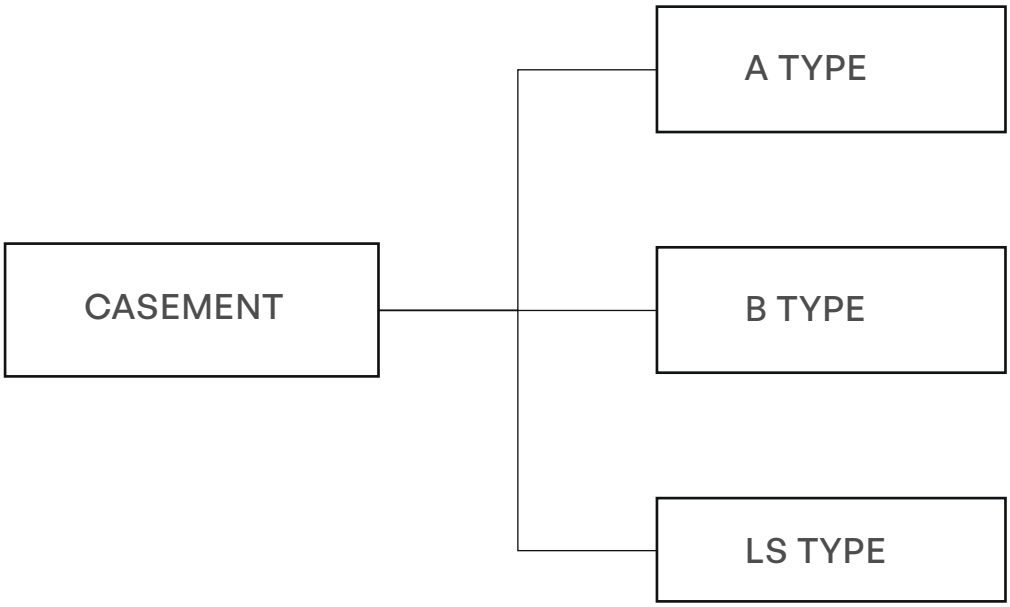


Double Glazing

ECO

CASEMENT

PRODUCT DIAGRAM

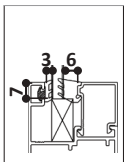
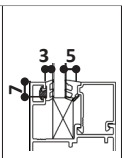
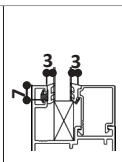
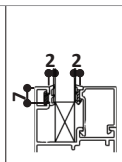
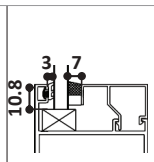
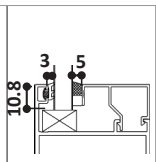
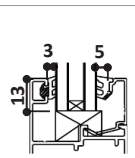
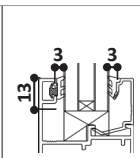
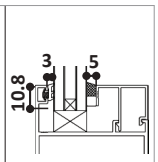


VARIATION

Single Swing
(Right Hand / Left Hand)

Double Swing

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	Camlatch Handle	Multipoint Handle		Friction Stay				Safety Stopper	Hinge		Flushbolt	Camlatch 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	3K-18670	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

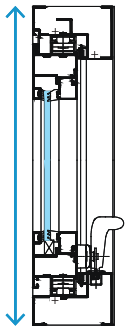
Design

• Clear Design

Clear design with no muntin for Double Casement.

• Flat Design

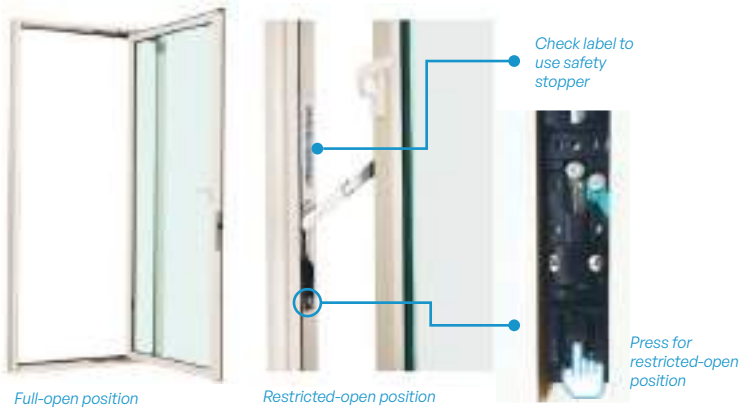
The glass is flat aligned with front side of window frame.



Safety

• Safety Stopper

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



• Child Lock

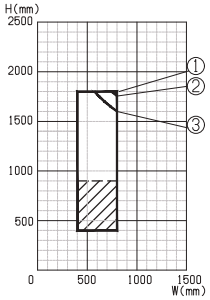
Prevent children from releasing th safety stopper

• Friction Stay

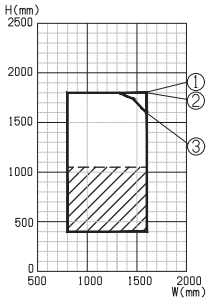
Enables the panel to be opened to 90°, cleaning the glass from indoor can be done easily and safely.

A - Type

A - Type Single

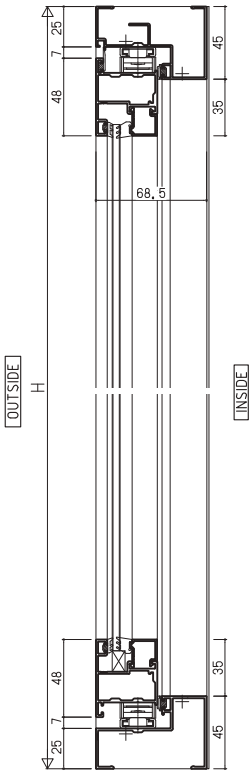


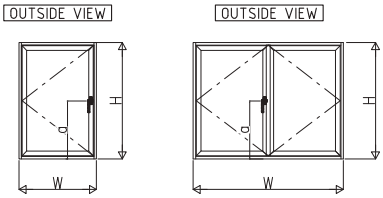
A - Type Double

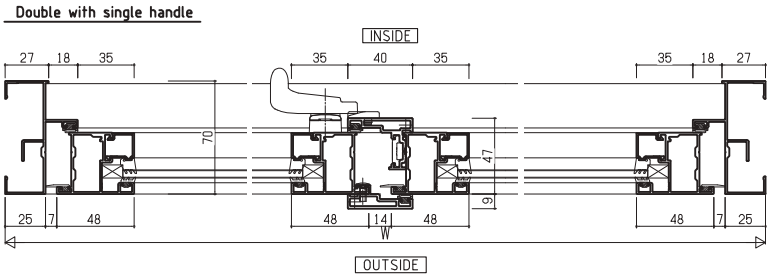


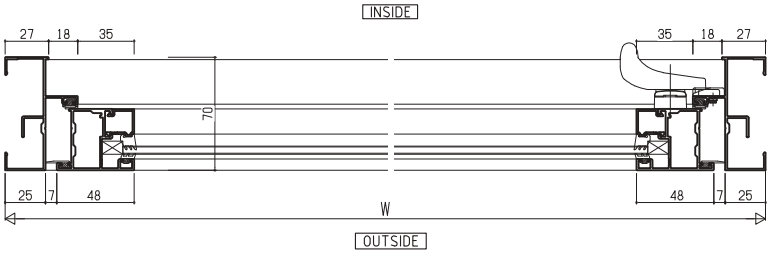
	LOCK	PRESSURE
1	CAMLATCH	850 Pa
2	CAMLATCH	1200 Pa
3	CAMLATCH	1600 Pa

Hatched area can't install safety stopper



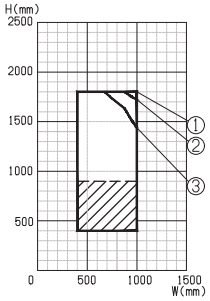






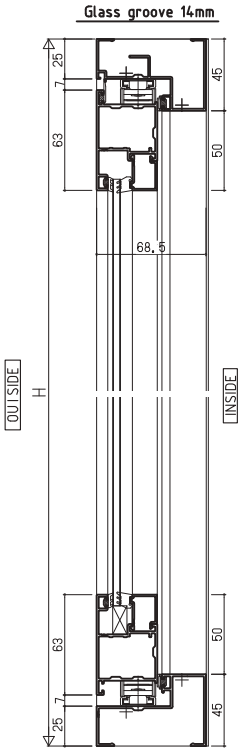
B - Type Camlatch Single

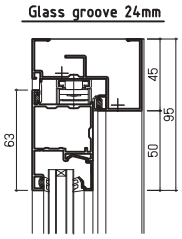
B - Type Camlatch Single

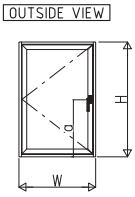


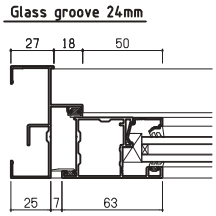
	LOCK	PRESSURE
1	CAMLATCH	850 Pa
2	CAMLATCH	1200 Pa
3	CAMLATCH	1600 Pa

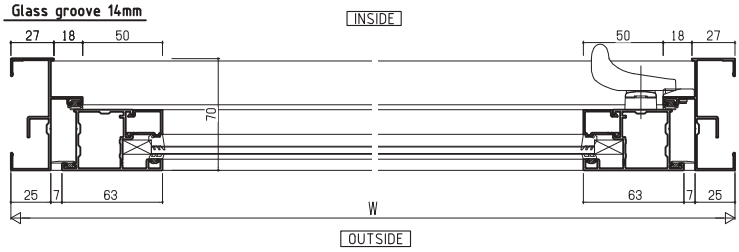
Hatched area can't install safety stopper



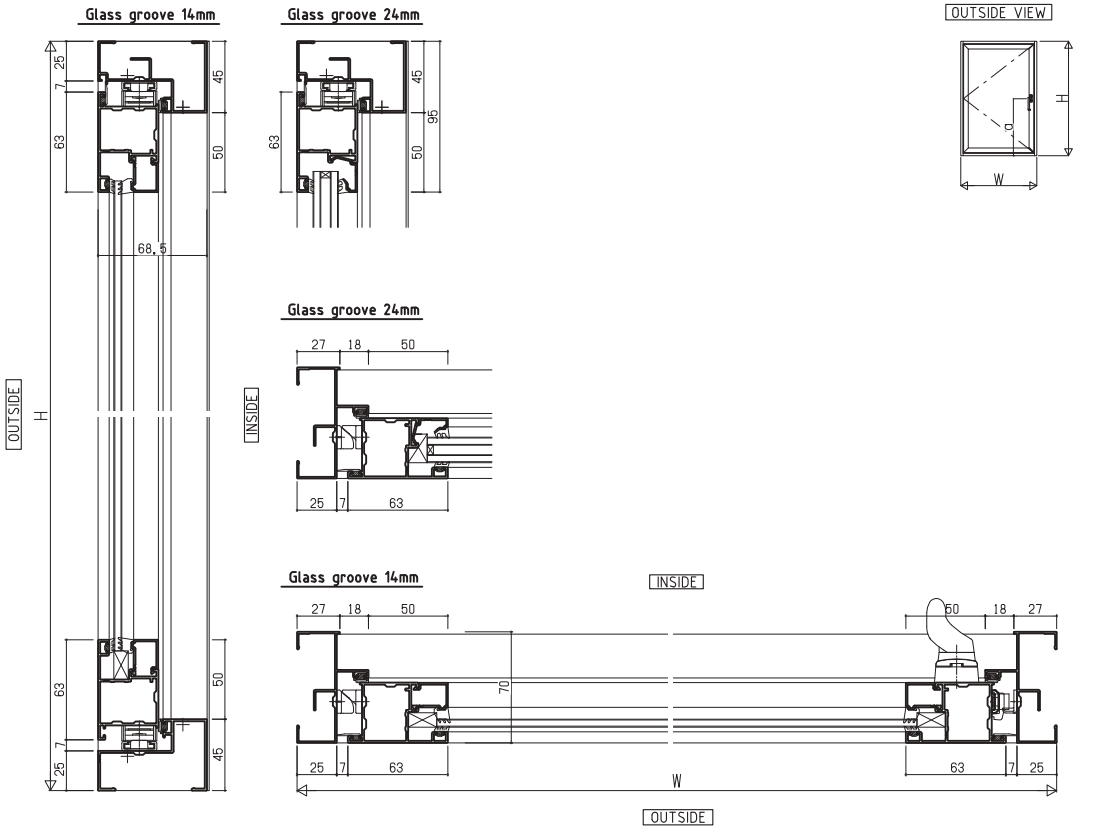




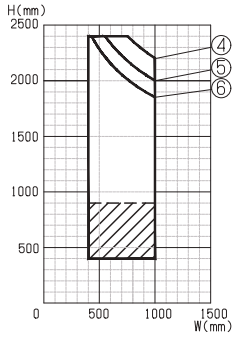




B Type - Multipoint Single



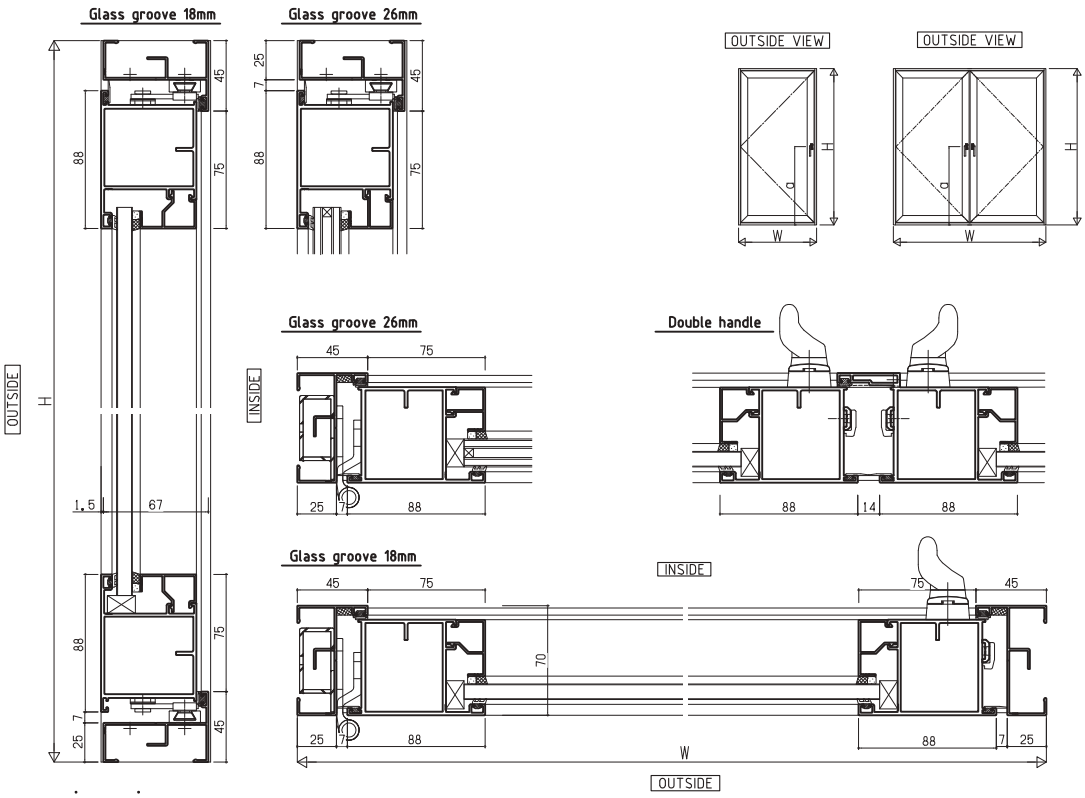
B Type - Multipoint Single



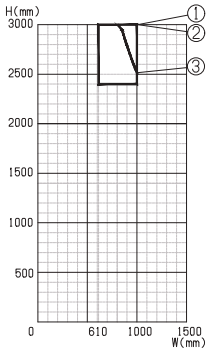
	LOCK	PRESSURE
4	MULTIPOINT	850 Pa
5	MULTIPOINT	1200 Pa
6	MULTIPOINT	1600 Pa

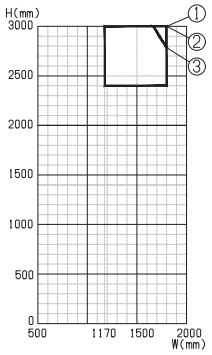
Hatched area can't install safety stopper

LS Type



LS Type

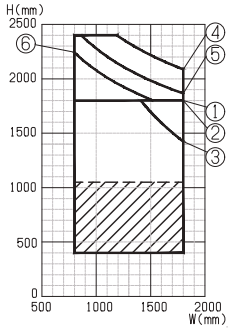




	LOCK	PRESSURE
1	MULTIPOINT	850 Pa
2	MULTIPOINT	1200 Pa
3	MULTIPOINT	1600 Pa

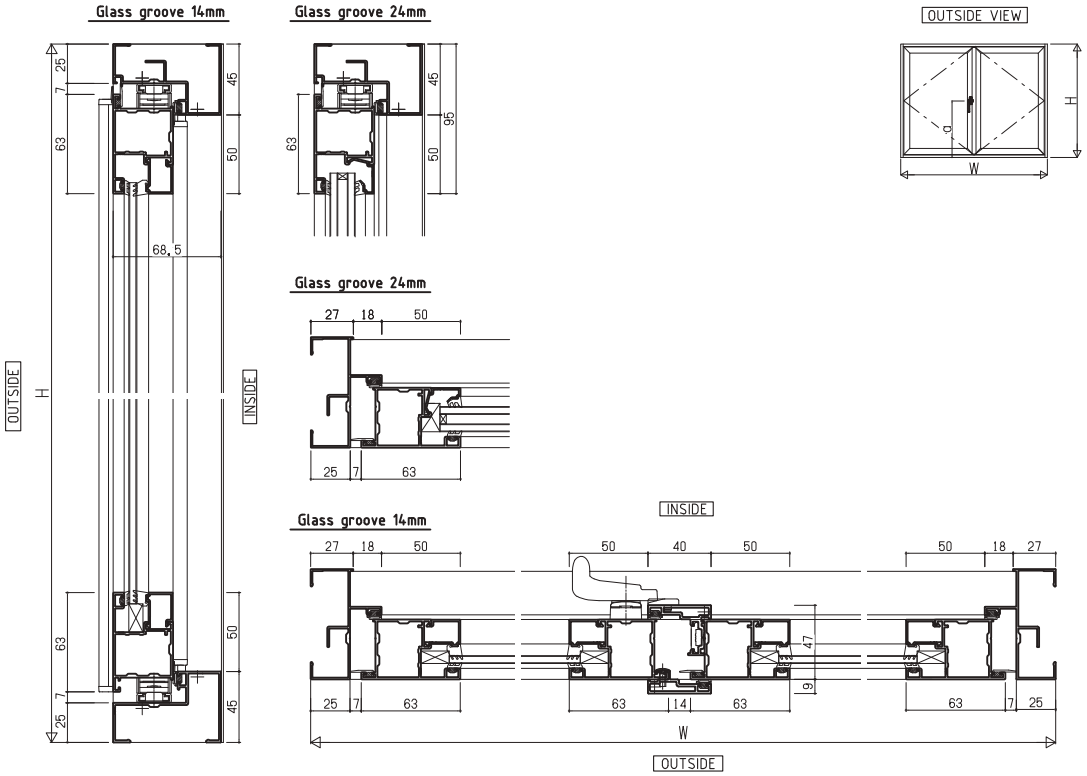
B Type Camlatch Double

B Type Camlatch & Multipoint Double
(Single Handle)



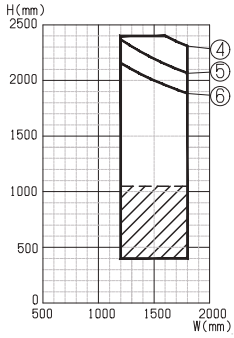
	LOCK	PRESSURE
1	CAMLATCH	850 Pa
2	CAMLATCH	1200 Pa
3	CAMLATCH	1600 Pa
4	MULTIPOINT	850 Pa
5	MULTIPOINT	1200 Pa
6	MULTIPOINT	1600 Pa

Hatched area can't install safety stopper



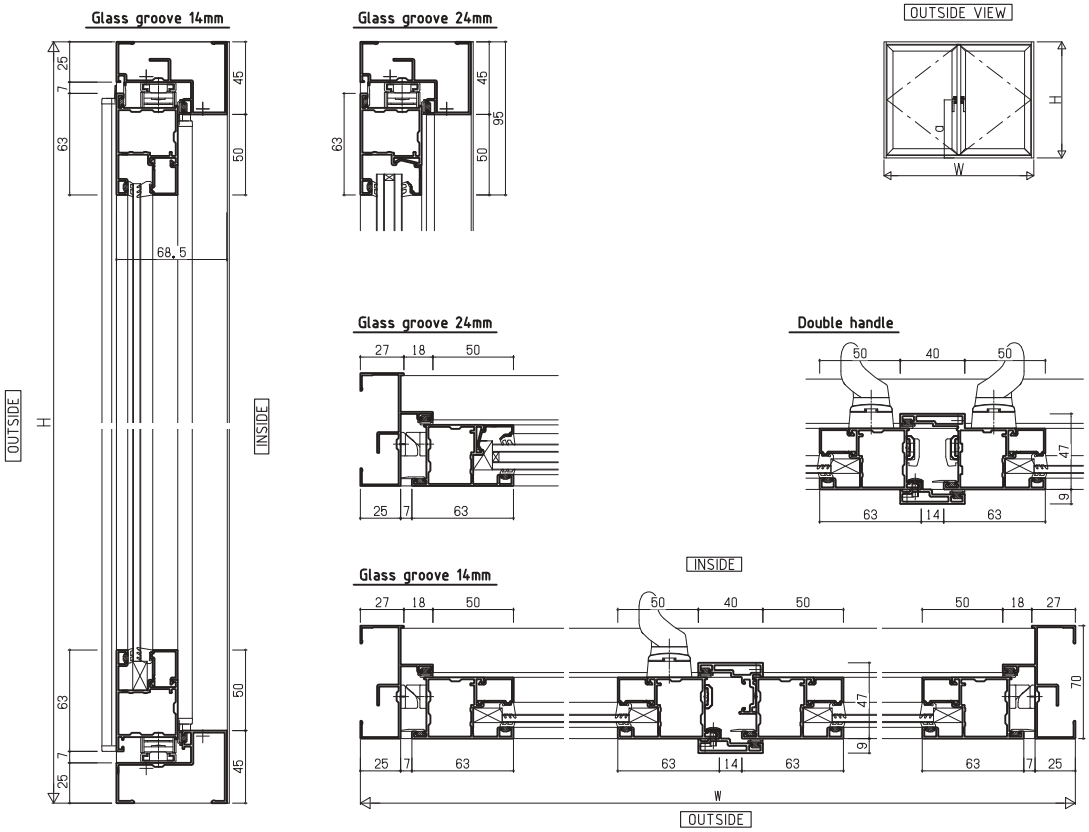
B Type Multipoint Double

B Type Multipoint Double
(Double Handle)

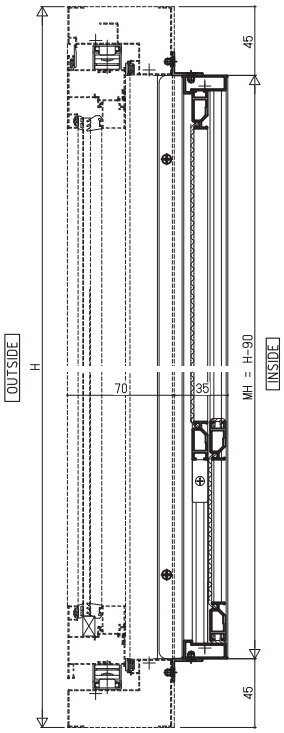


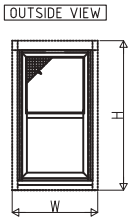
	LOCK	PRESSURE
4	MULTIPOINT	850 Pa
5	MULTIPOINT	1200 Pa
6	MULTIPOINT	1600 Pa

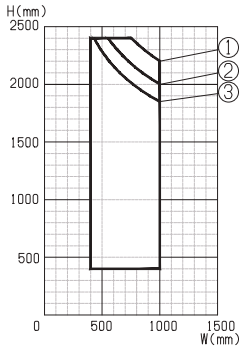
Hatched area can't install safety stopper



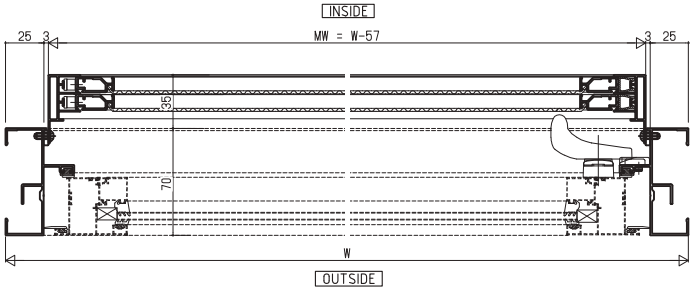
Insect Screen - Vertical Sliding on Frame



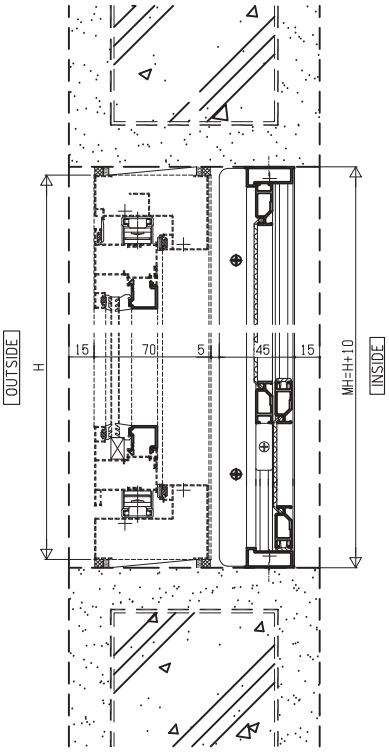


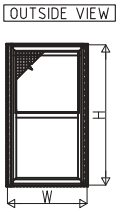


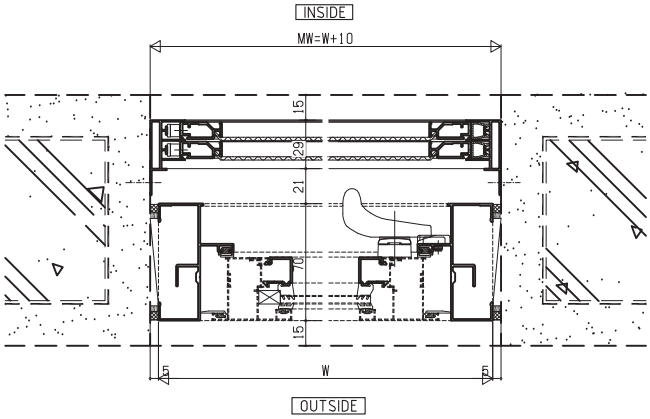
	PRESSURE
1	850 Pa
2	1200 Pa
3	1600 Pa



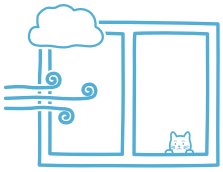
Insect Screen - Vertical Sliding on Wall







BUTT HINGED DOOR



Structural (Wind Load)

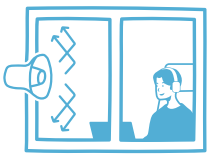
1600 Pa
Deflection
L/125 and L/175

Water Tightness

350 pa

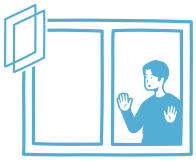
Air Infiltration

Grade A - 4(JIS)



Sound Insulation

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



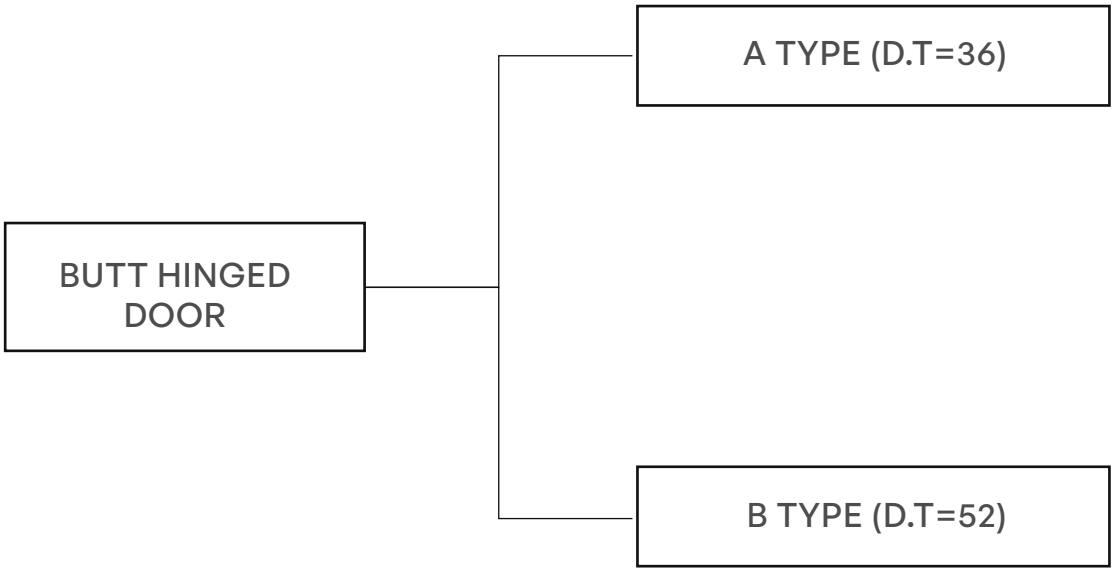
Double Glazing

ECO

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

BUTT HINGED DOOR

PRODUCT DIAGRAM



VARIATION

Single Swing

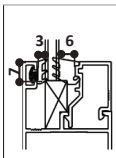
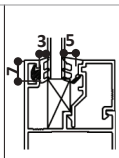
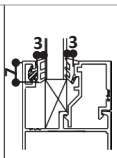
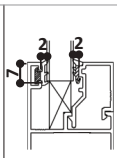
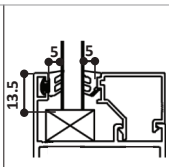
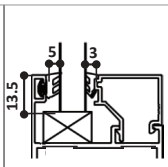
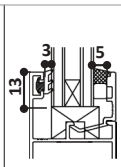
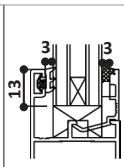
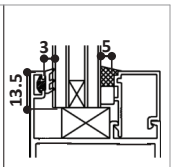
(Right Hand / Left Hand
Inswing / Outswing)

Double Swing

(Inswing / Outswing)

BUTT HINGED DOOR

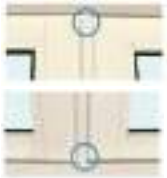
GLASS THICKNESS & GASKET MATRIX

		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	
D.T=36	●			●			●	●		●	
D.T=52	●			●			●	●		●	
Color	*YS*			*DG,YW*			*DG*	*DG,YW*		*YK,YS*	
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

● *Available*

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

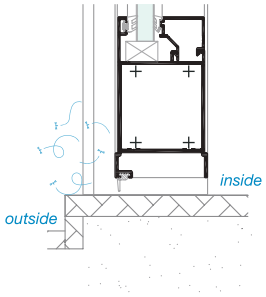
BUTT HINGED DOOR

FEATURES

Reliable Performance

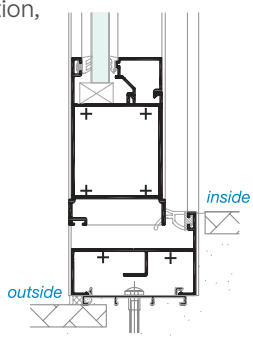
- **Without Bottom Sill**

Can prevent you from insect and dust to come in.
*"Without Sill" has no performance of Water Tightness, Air Infiltration, and Sound Insulation.

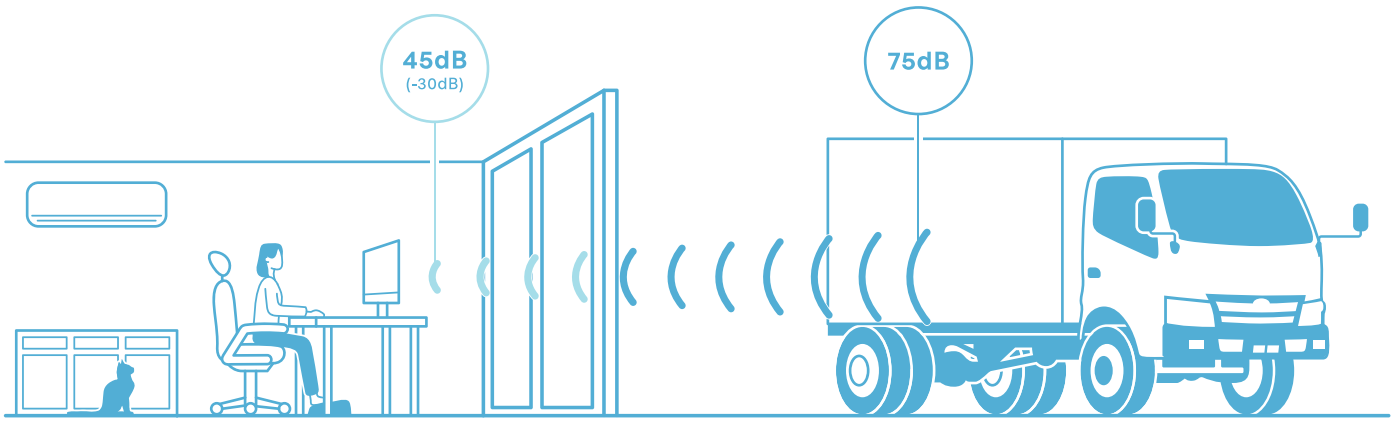


- **Nexsta (with Bottom Sill)**

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

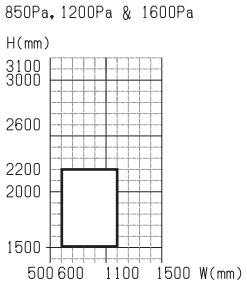


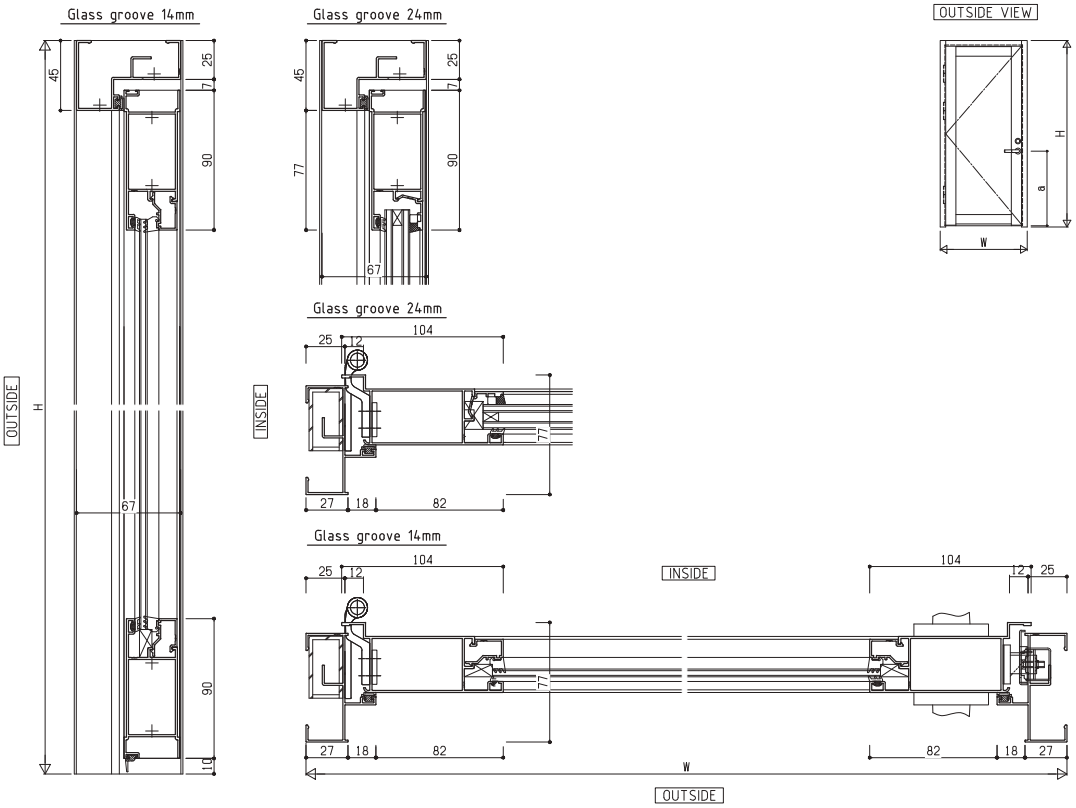
Reduce the noise 25 dB (T-1) or 30 dB (T-2)



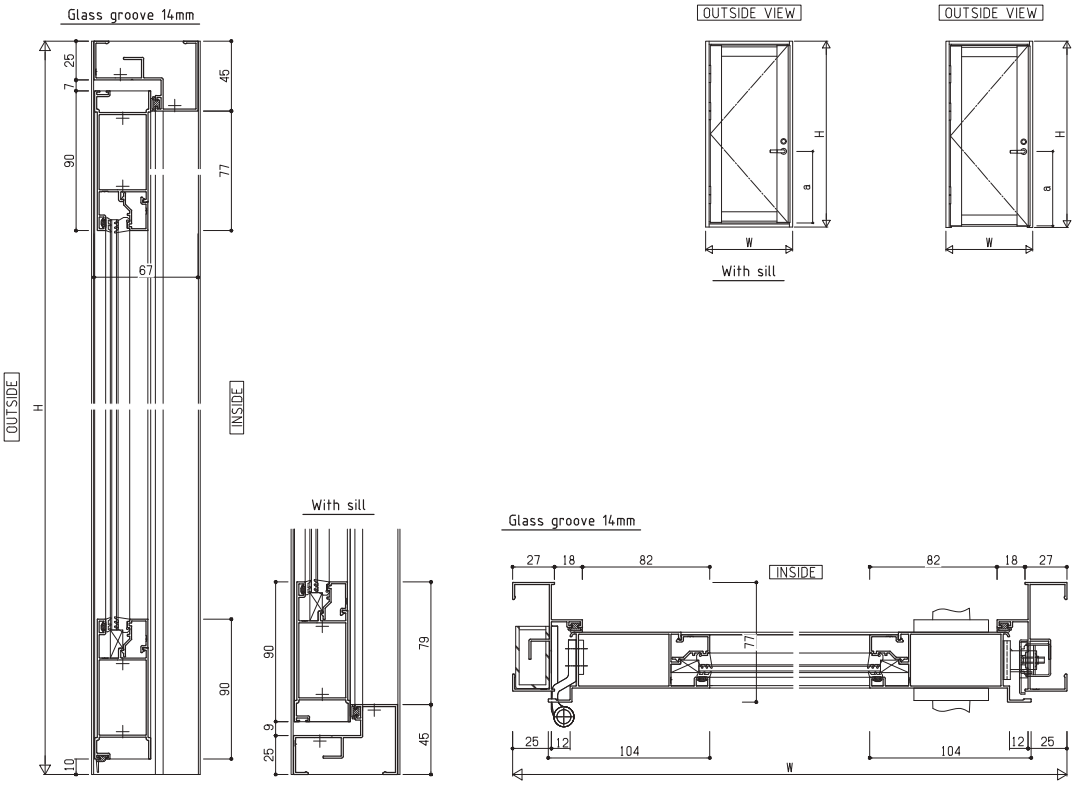
DT = 36 Inswing Single

DT = 36 Single





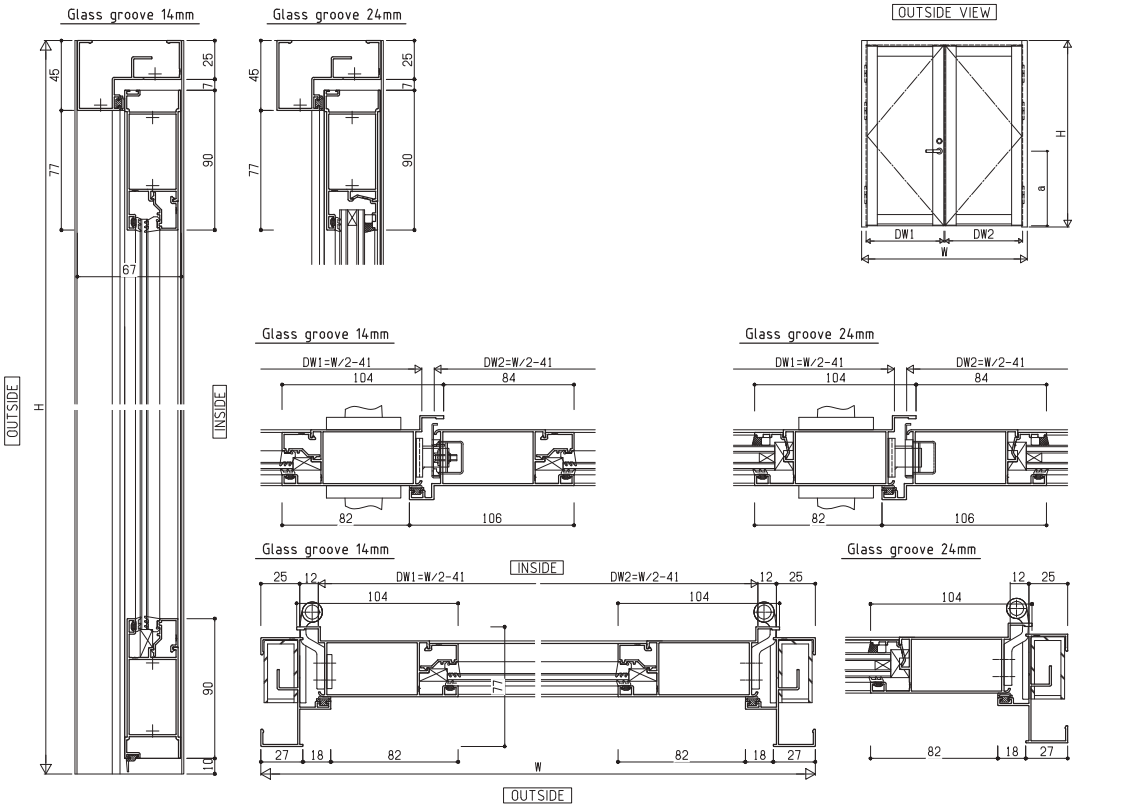
DT = 36 Outwing Single

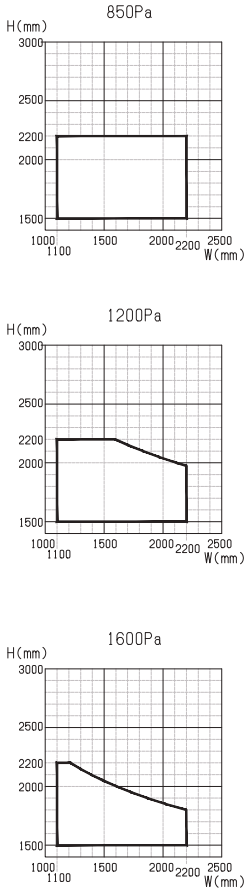


Glass groove 24mm is available for this type

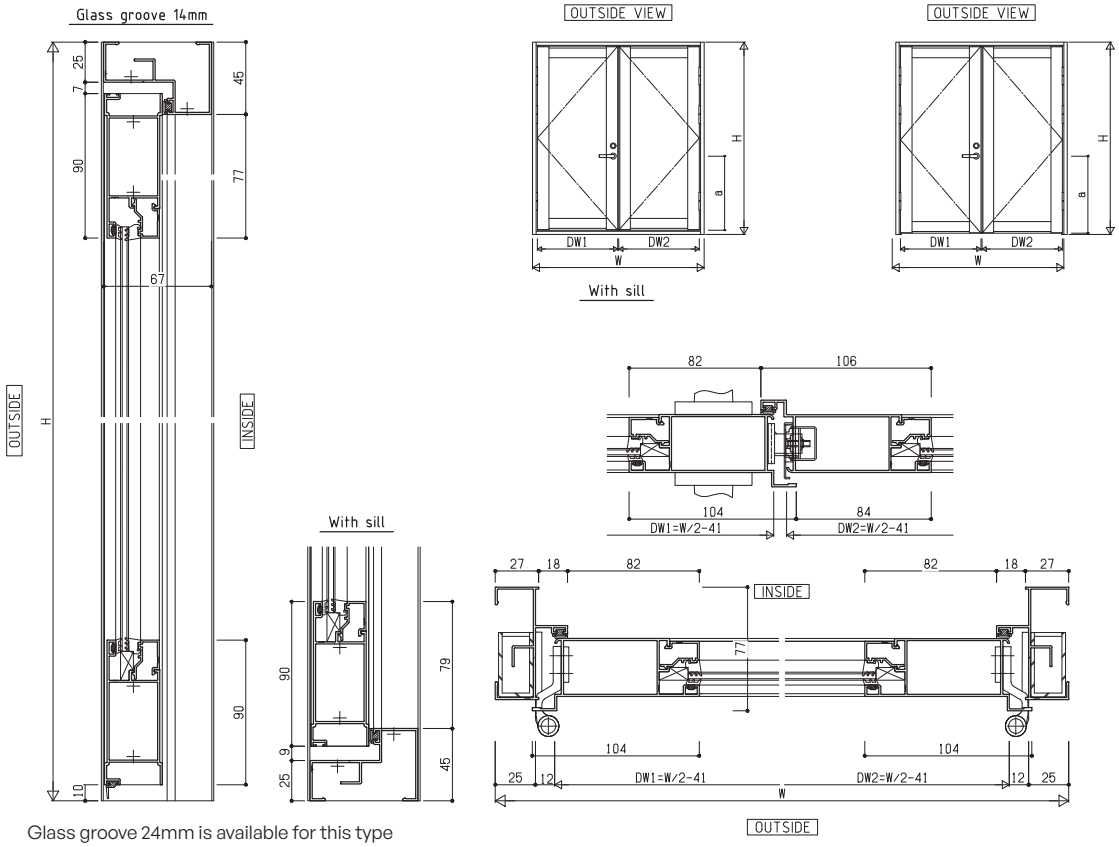
DT = 36 Inswing Double

DT = 36 Double





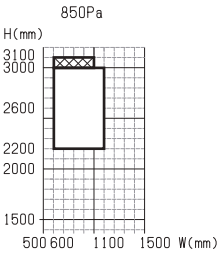
DT = 36 Outwing Double

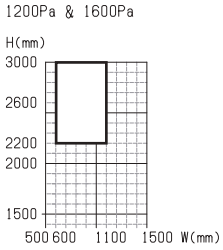


Glass groove 24mm is available for this type

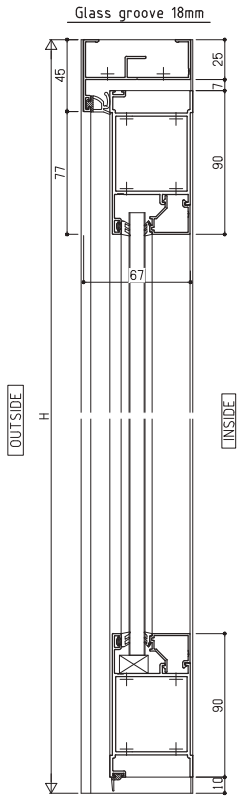
DT = 52 Inswing Single

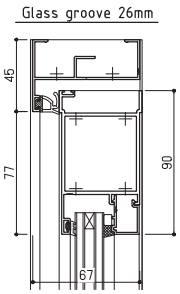
DT = 52 Single

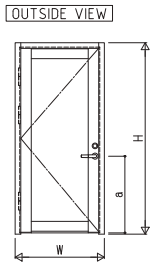


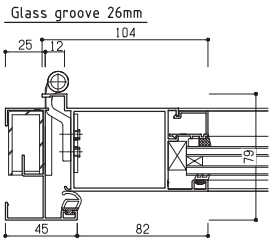


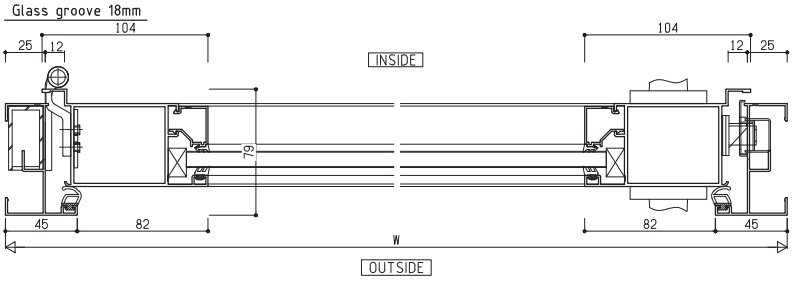
ZONE	REMARKS
	Watertightness up to 250 Pa



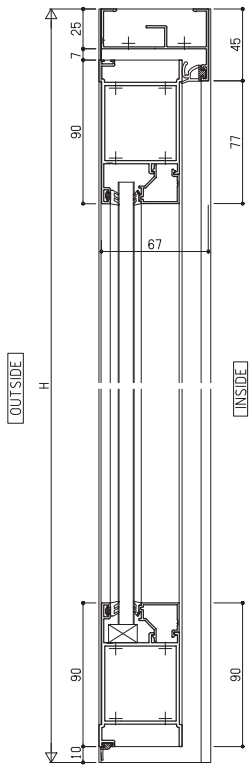


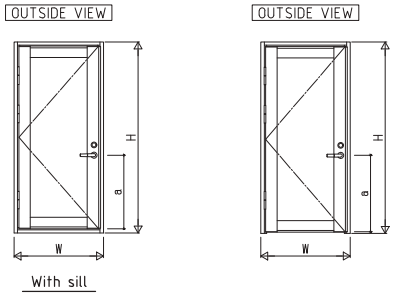


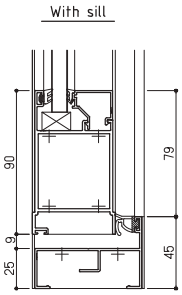


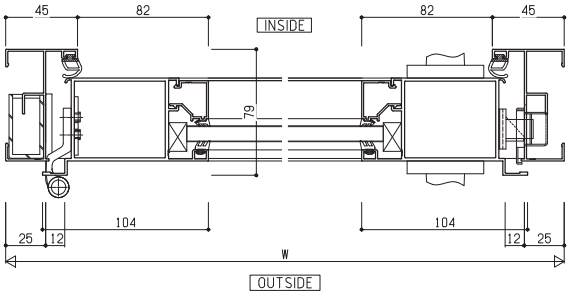


DT = 52 Outswing Single



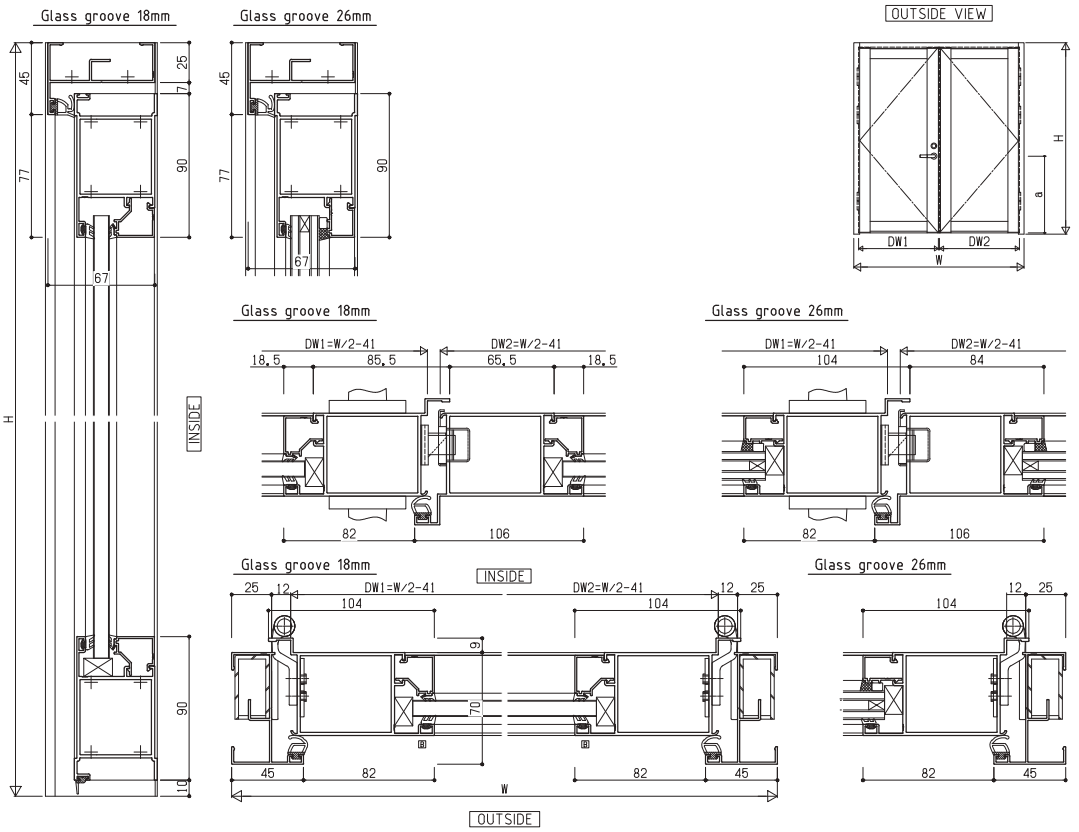




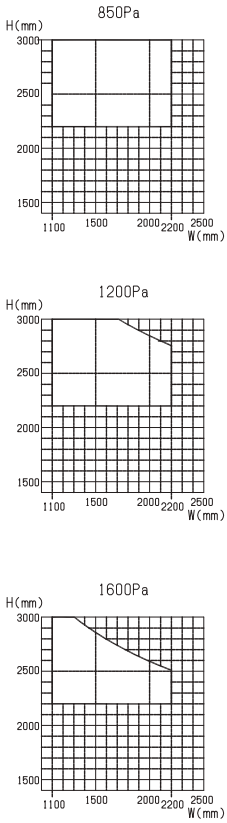


Glass groove 26mm is available for this type

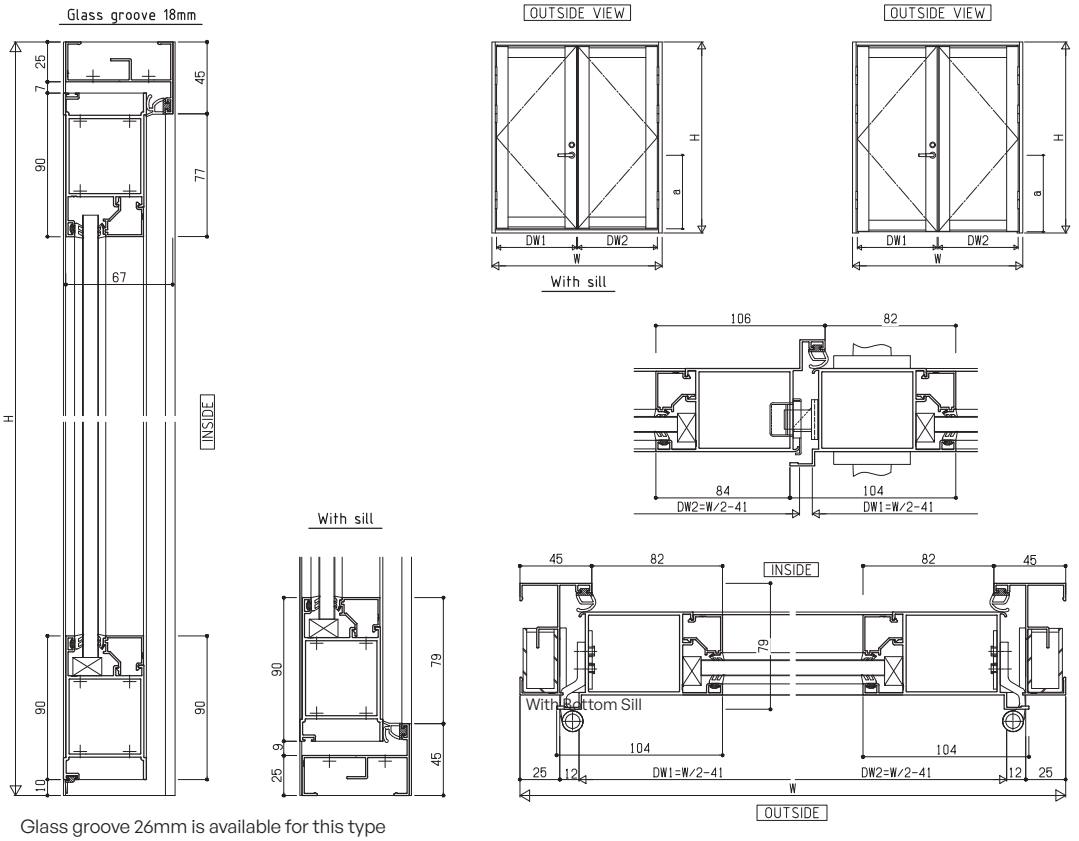
DT = 52 Inswing Double



DT = 52 Double

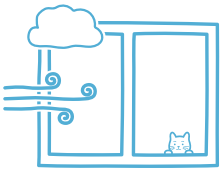


DT = 52 Outswing Double



Glass groove 26mm is available for this type

VENTILATION DOOR



Structural (Wind Load)

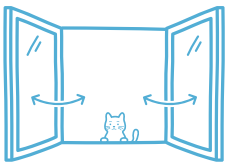
1000 Pa
Deflection
L/125

Water Tightness

50 Pa

Air Infiltration

Grade A - 2(JIS)



Open-close Test

JIS A 1550
100.000 cycle

ECO

VENTILATION DOOR

PRODUCT DIAGRAM

VENTILATION DOOR — SINGLE SWING

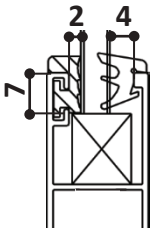
VARIATION

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		Door Closer
Standard	●		●	●		●
Color	*YS*		*YK*	*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.

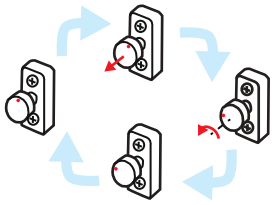
50 mm open *100 mm open* *Fully open*

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.



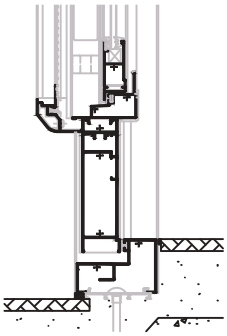
Easy Maintenance and Operability

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

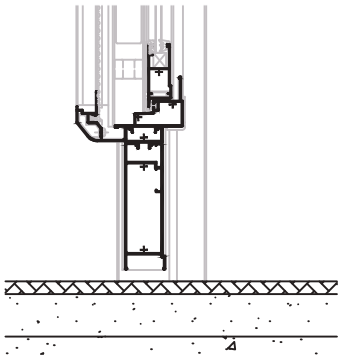
• With Bottom Sill

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

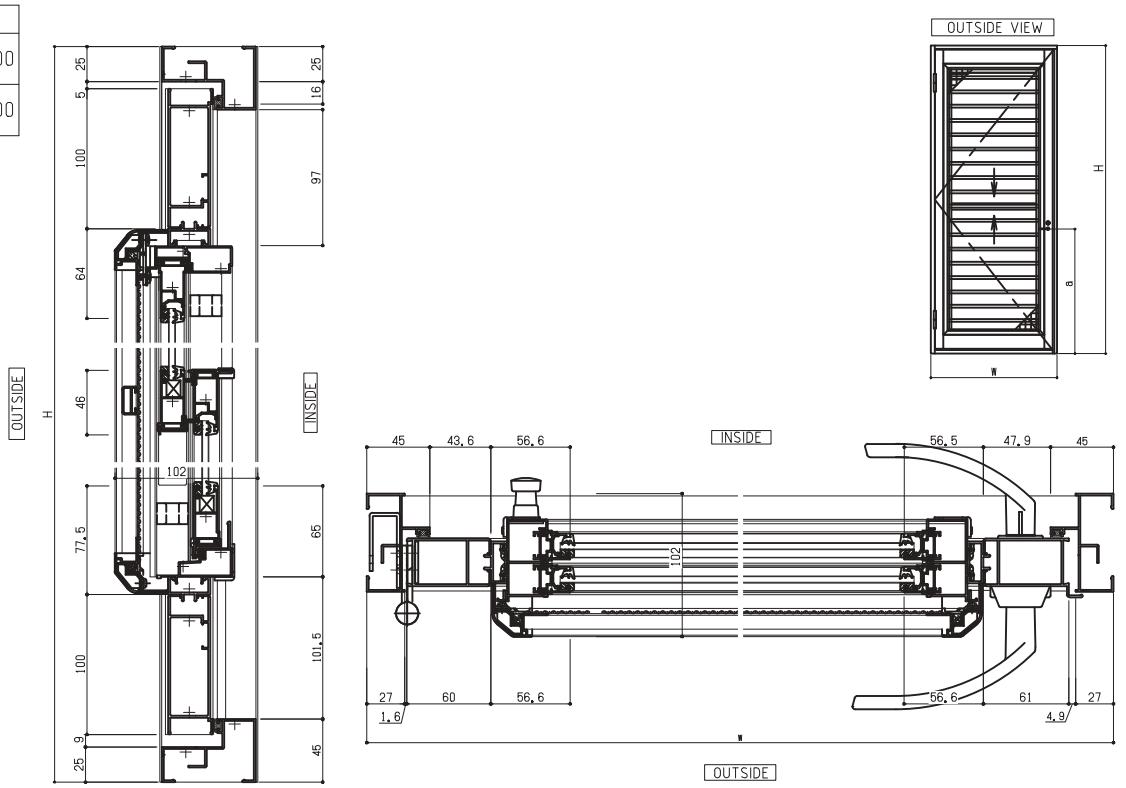


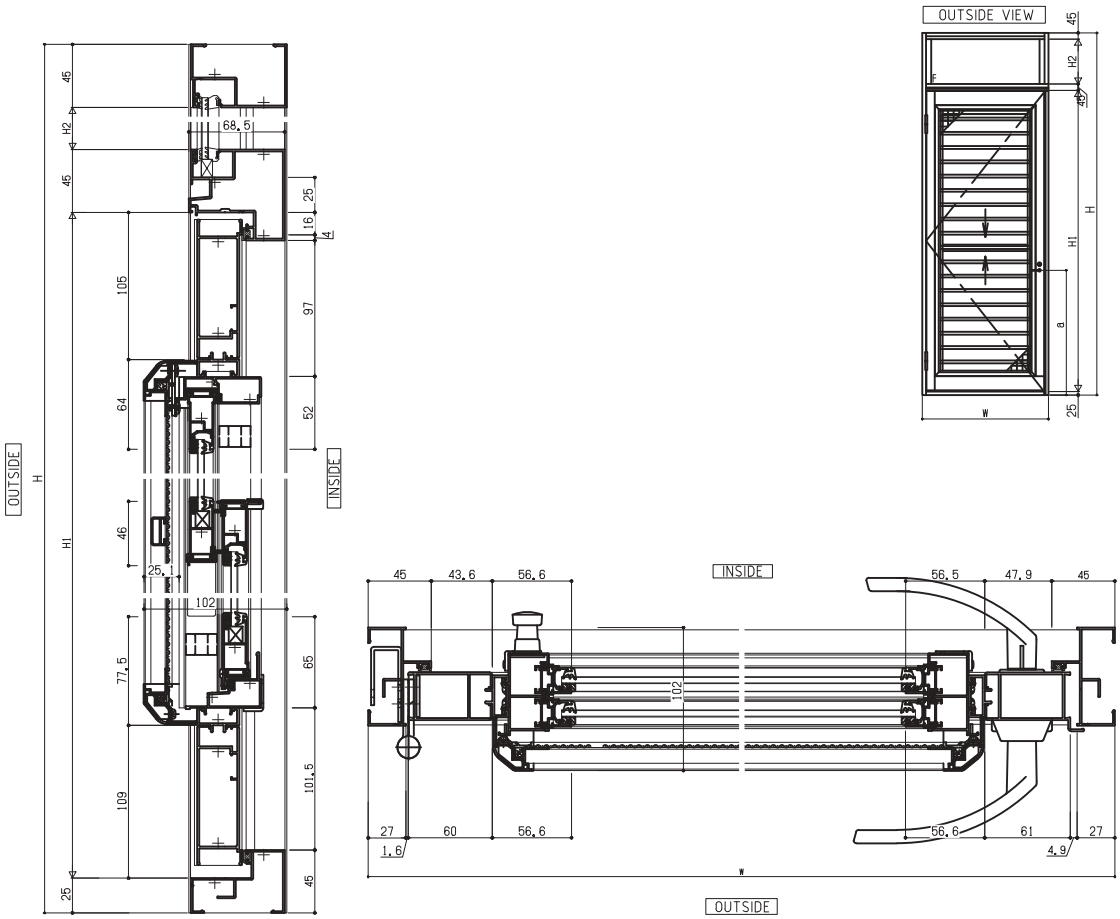
Provided with Bottom Sill to prevent water and dust leak inside

• Without Bottom Sill

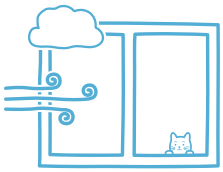


	W	H
Typical Size	900	2100
Maximum Size	900	2200





FOLDING DOOR



Structural (Wind Load)

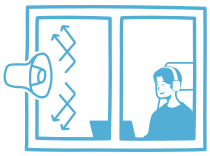
1600 Pa
Deflection
L/125 and L/175

Water Tightness

350 pa

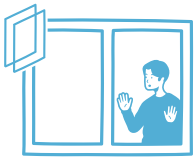
Air Infiltration

Grade A - 4(JIS)



Sound Insulation

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



Double Glazing

ECO

FOLDING DOOR

PRODUCT DIAGRAM

- FOLDING DOOR
  - STANDARD TYPE
  - HIGH STRENGTH TYPE

LEAVES AND OPENING VARIATION

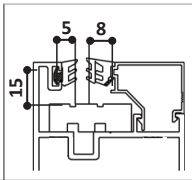
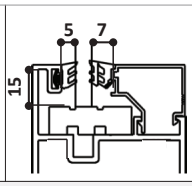
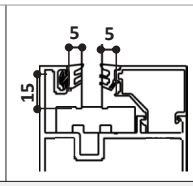
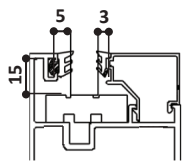
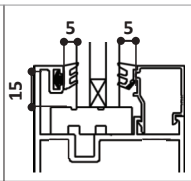
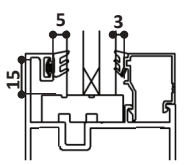
WIDE →

WIDE ↓

	0R	1R	2R	3R	4R	5R	6R	7R	8R
0L			2R	3R	4R	5R	6R	7R	8R
1L		1L1R	1L2R	1L3R	1L4R	1L5R	1L6R	1L7R	
2L	2L	2L1R	2L2R	2L3R	2L4R	2L5R	2L6R		
3L	3L	3L1R	3L2R	3L3R	3L4R	3L5R			
4L	4L	4L1R	4L2R	4L3R	4L4R				
5L	5L	5L1R	5L2R	5L3R					
6L	6L	6L1R	6L2R						
7L	7L	7L1R							
8L	8L								

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

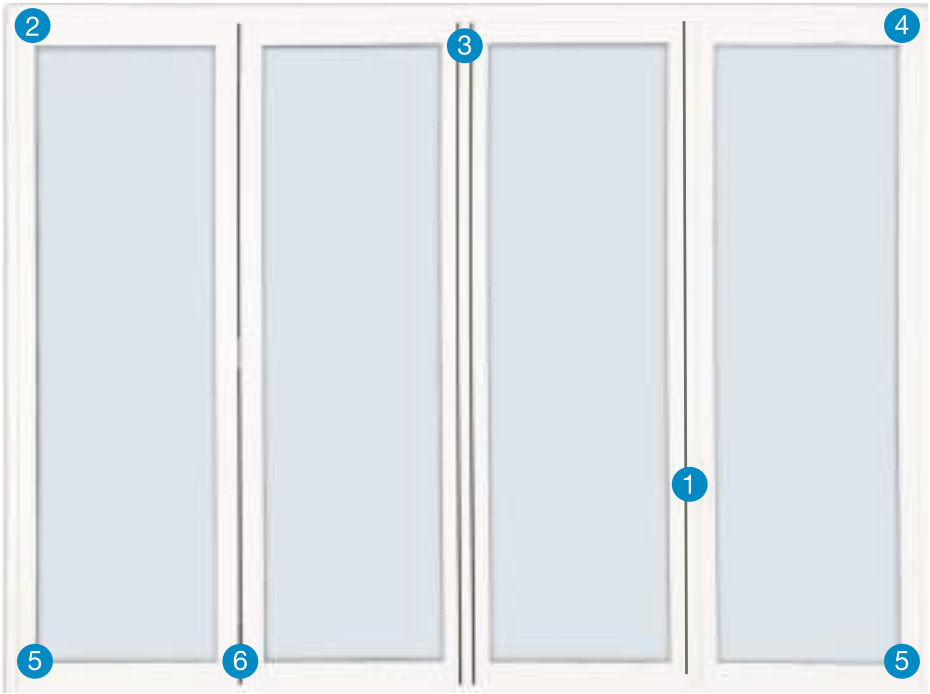
	Standard									Optional	
											
Item	Cremone Handle		Hanger Roller	Hinge			Safety Rubber	Stopper	Key Cylinder		
Standard	●		●	●			●	●	●	●	
High Strength	●		●	●			●	●	●	●	
Color	DG,YW		YS	DG,YW			DG	DG,YW	DG,YW		
Parts Number	9K-10908	9K-10904	5K-18201	5K-18204	5K-18205	5K-13812	5K-13813	3K-22098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

● *Available*

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

FOLDING DOOR

FEATURES

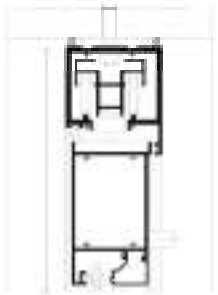


Design

Slim Handle

Neat Frame

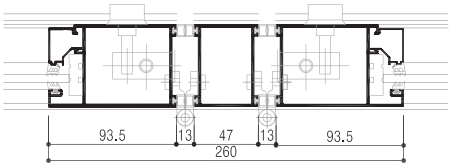
Inner frame in a line



Performance and Workability

• High Strength Inner Frame Setting

Support large opening, support anti typhoon strength



• Weep Hole

It wil not be soaking wet and pleck the drainage thanks to weep hole.

5

• Hanger Roller

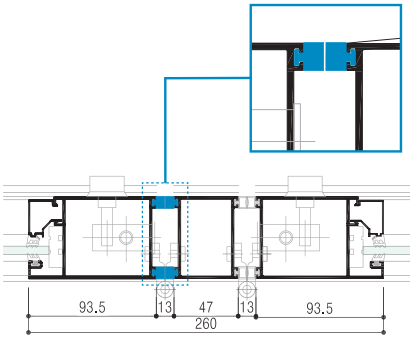
Ensure the smoothness and durable against heavy duty.

Safety and Security

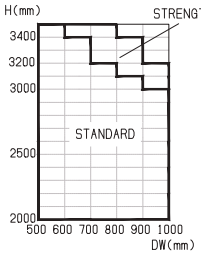
• Weather-Strip & Multipoint Lock

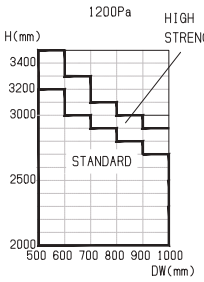
Weather-strip is provided to ensure air infiltration and safety for fingers. The multipoint lock on top and baller with one stroke ensure security for your home.

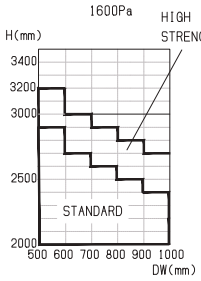
6 *Lock Position*



2 - 8 Leaves

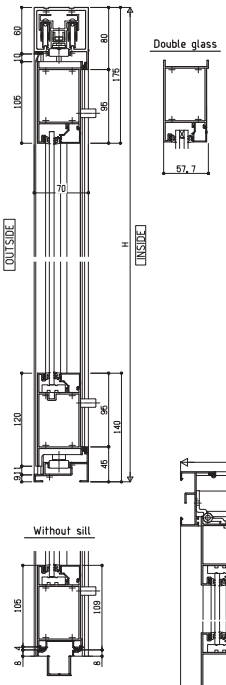


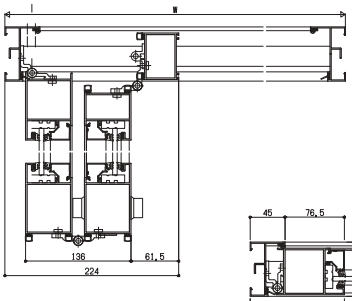


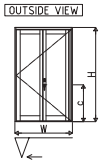


DW = Width of 1 leaf
1 leaf max. weight : 90 kg

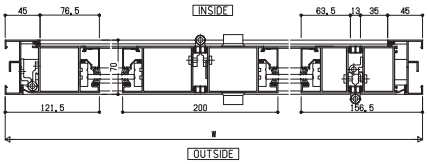
2 Leaves Outswing

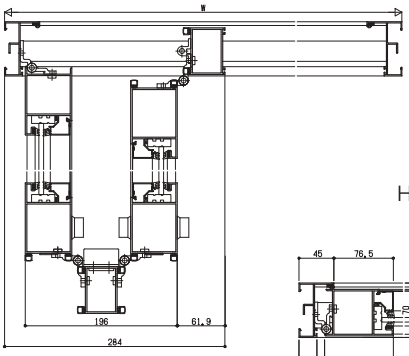


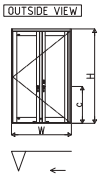




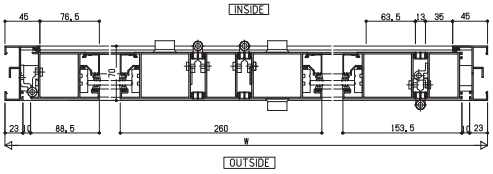
Standard Type



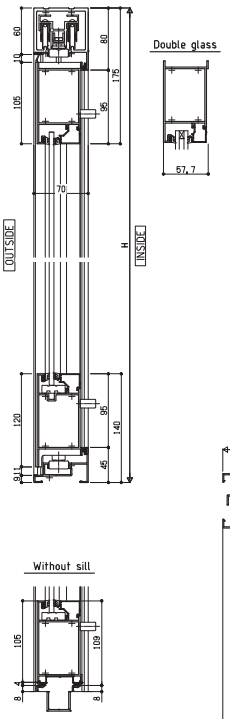


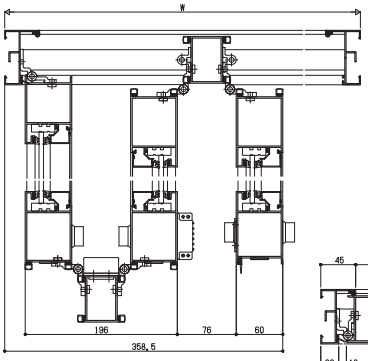


High Strength Type

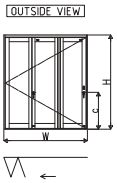


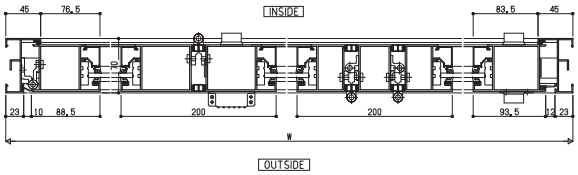
3 Leaves Outswing

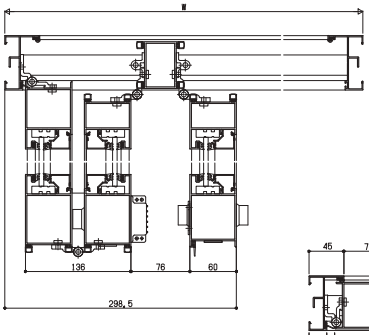


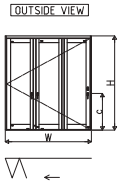


Standard Type

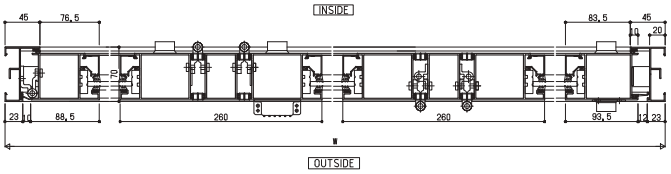




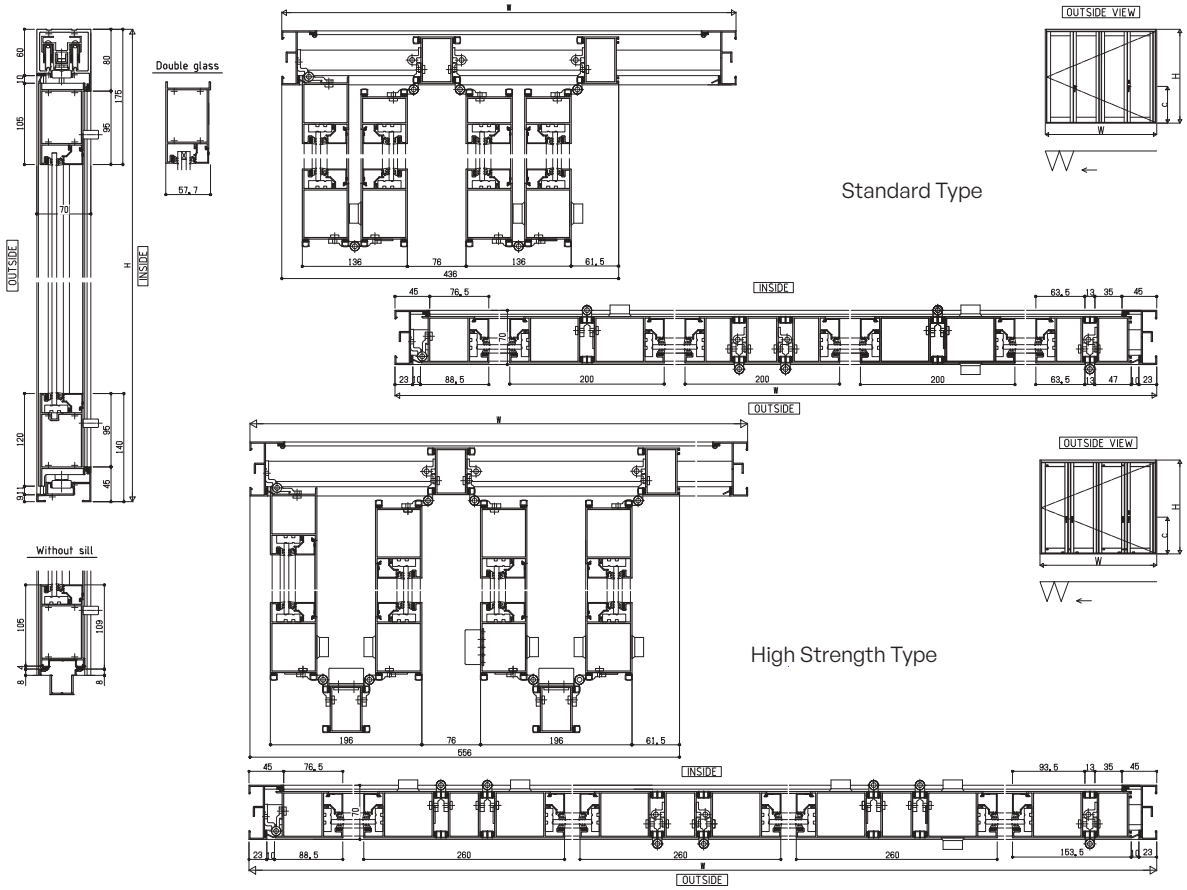




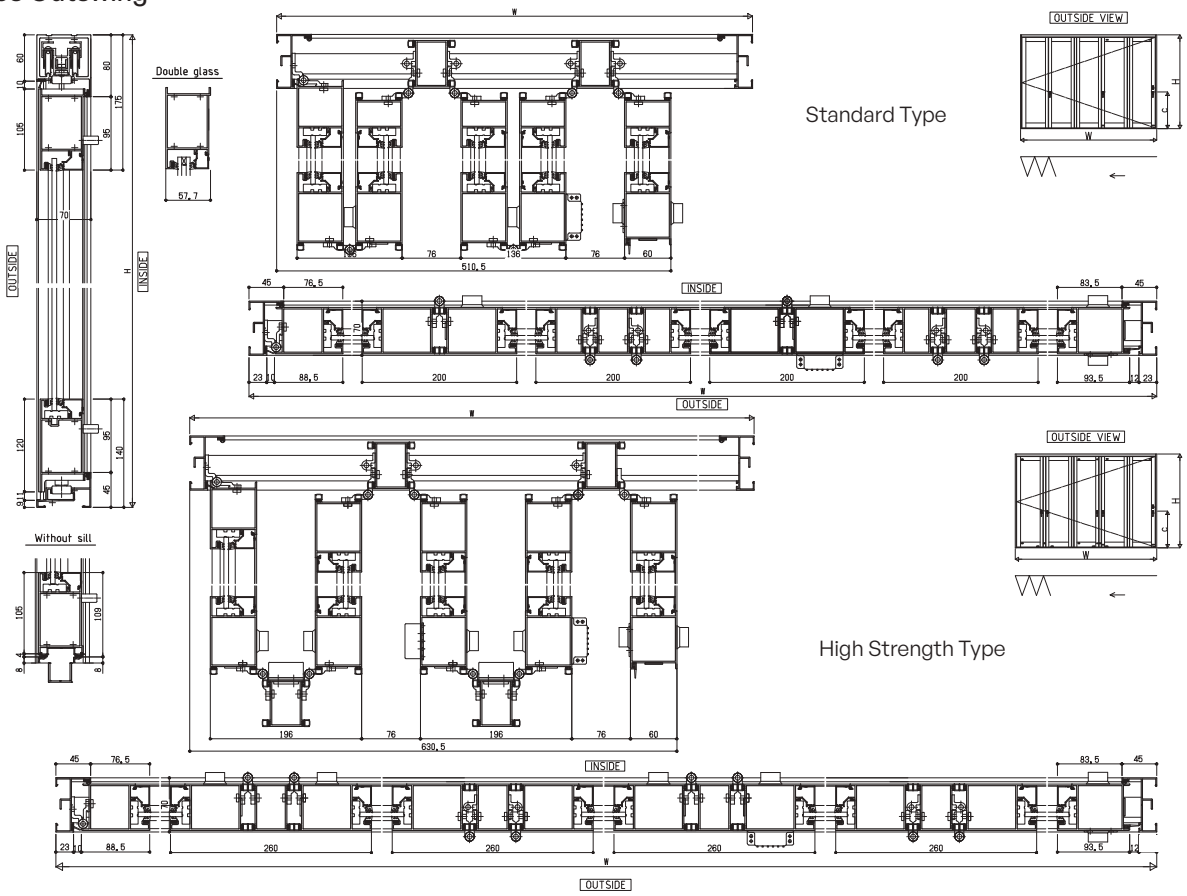
High Strength Type



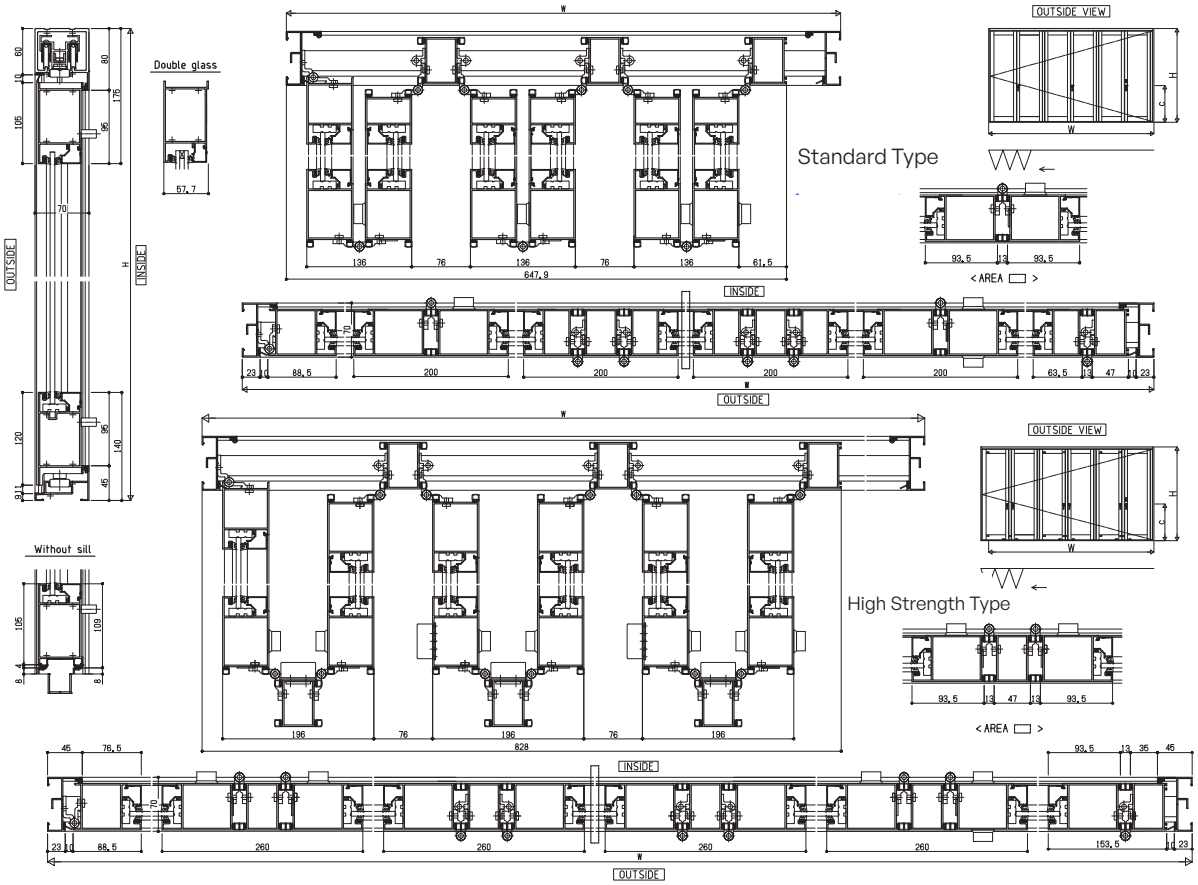
4 Leaves Outswing



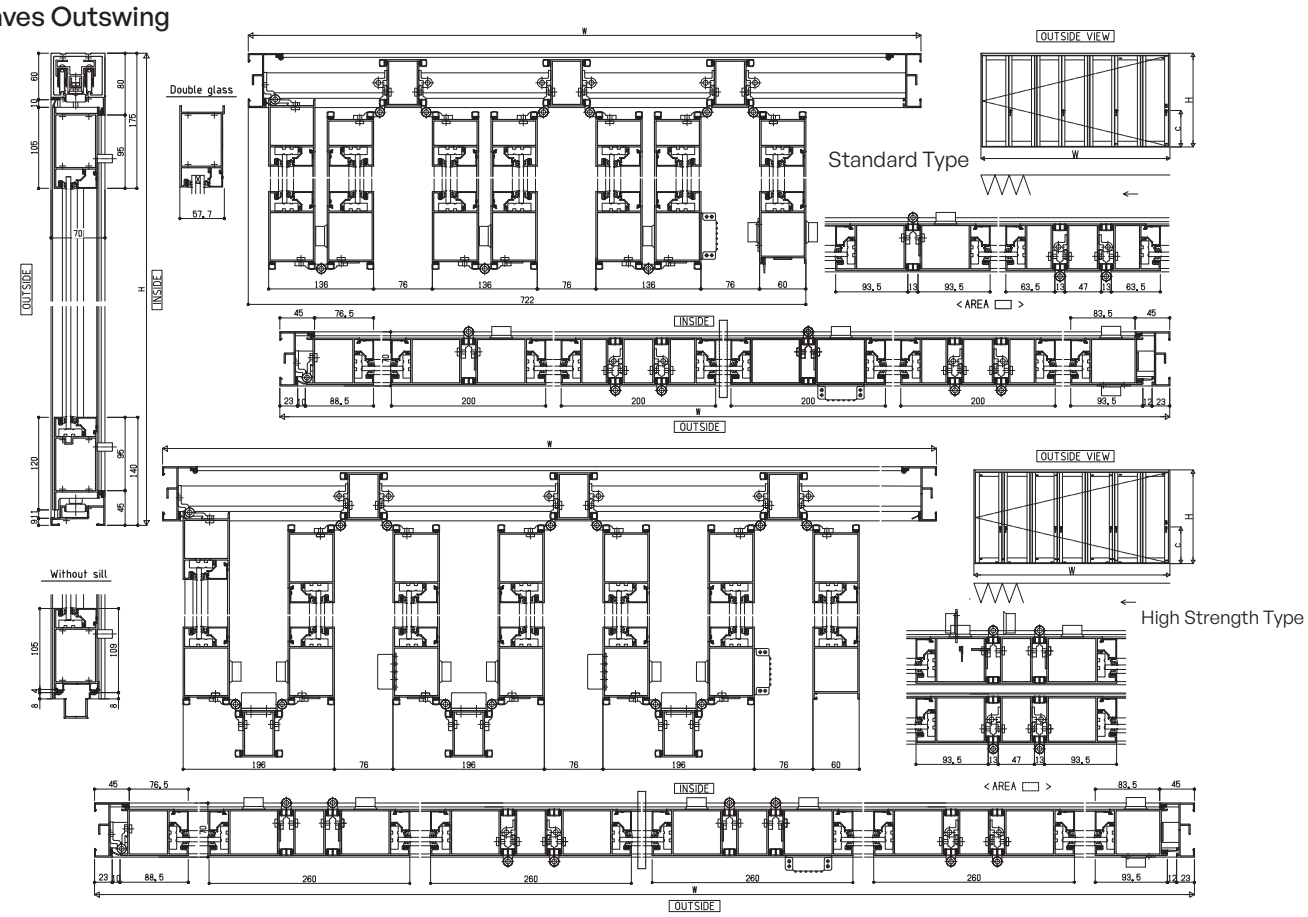
5 Leaves Outswing



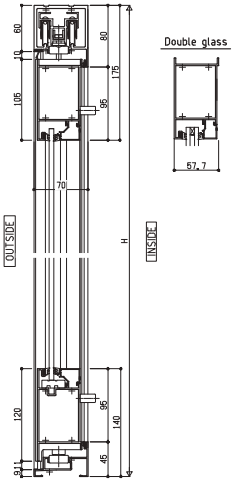
6 Leaves Outswing



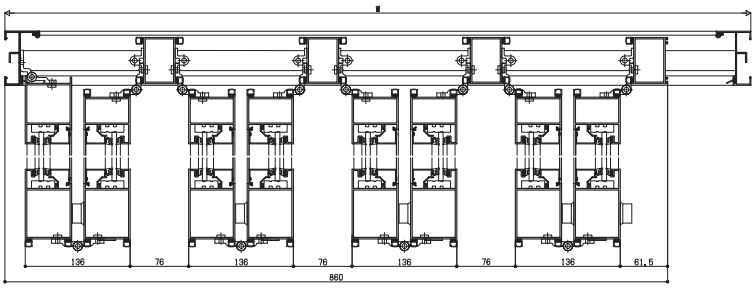
7 Leaves Outswing

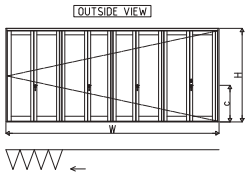


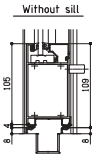
8 Leaves Outswing

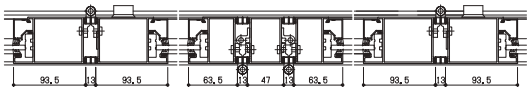


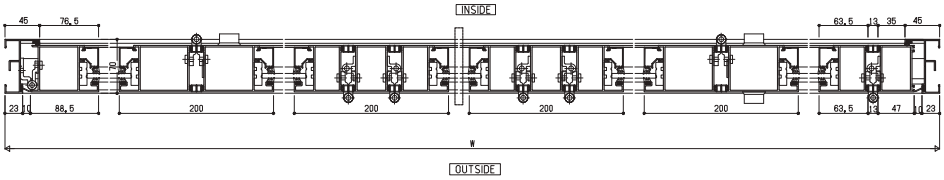
Standard Type



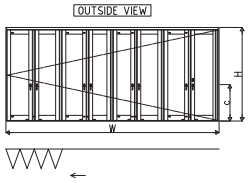


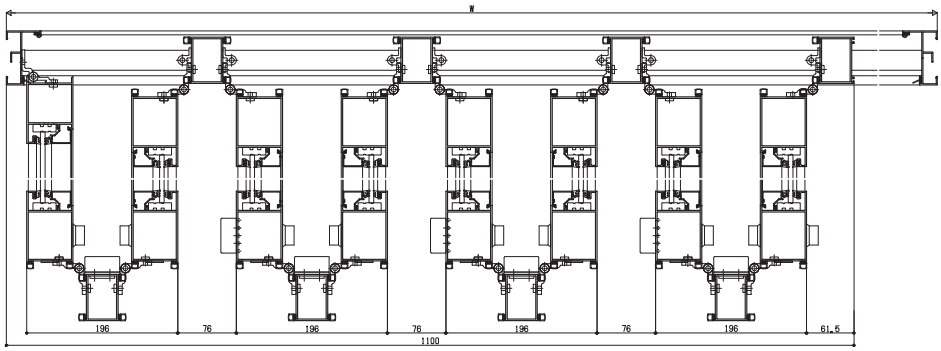


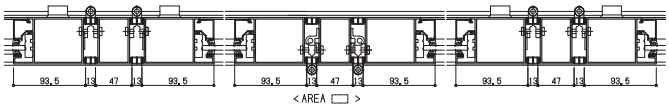


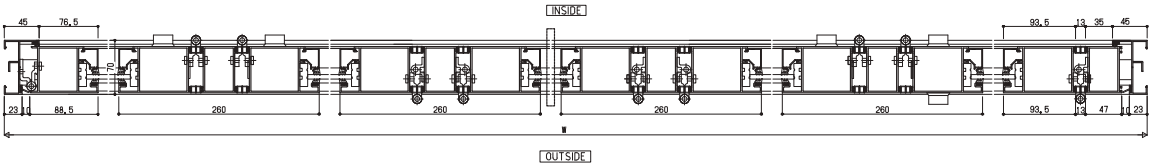


High Strength Type

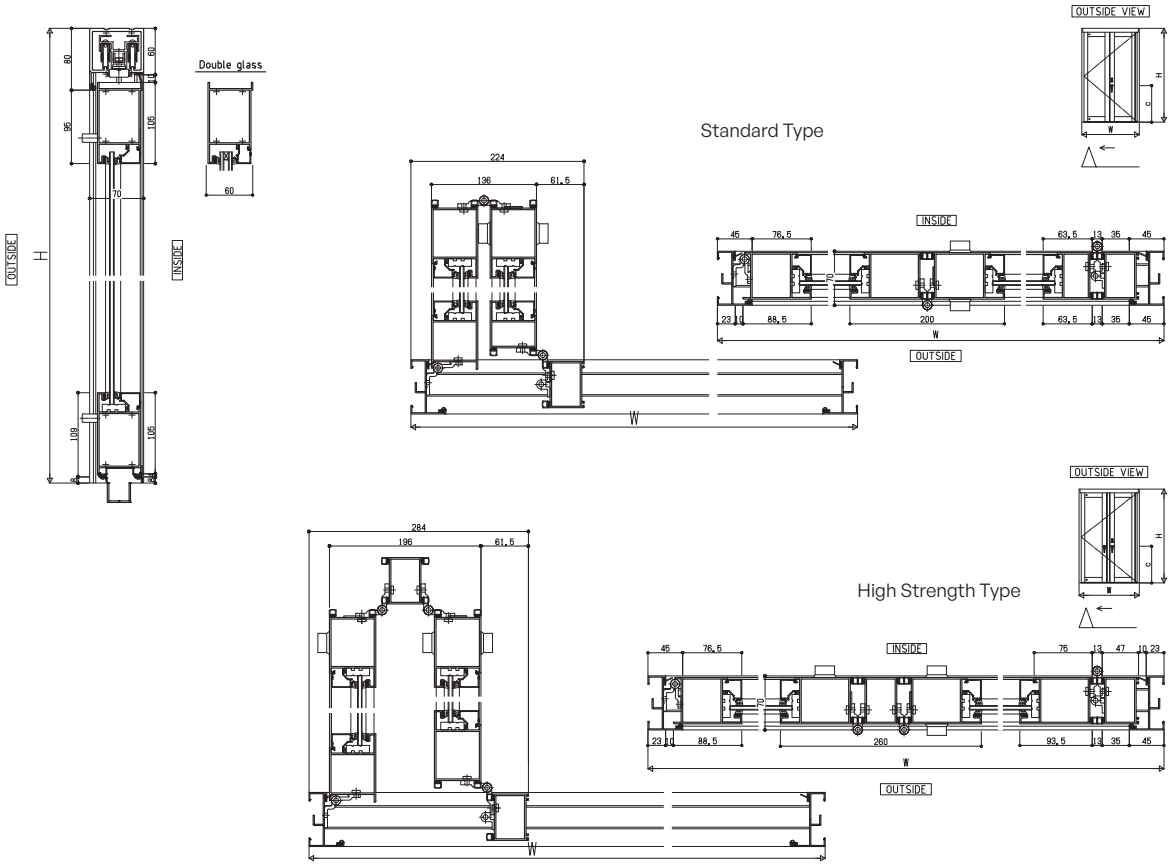




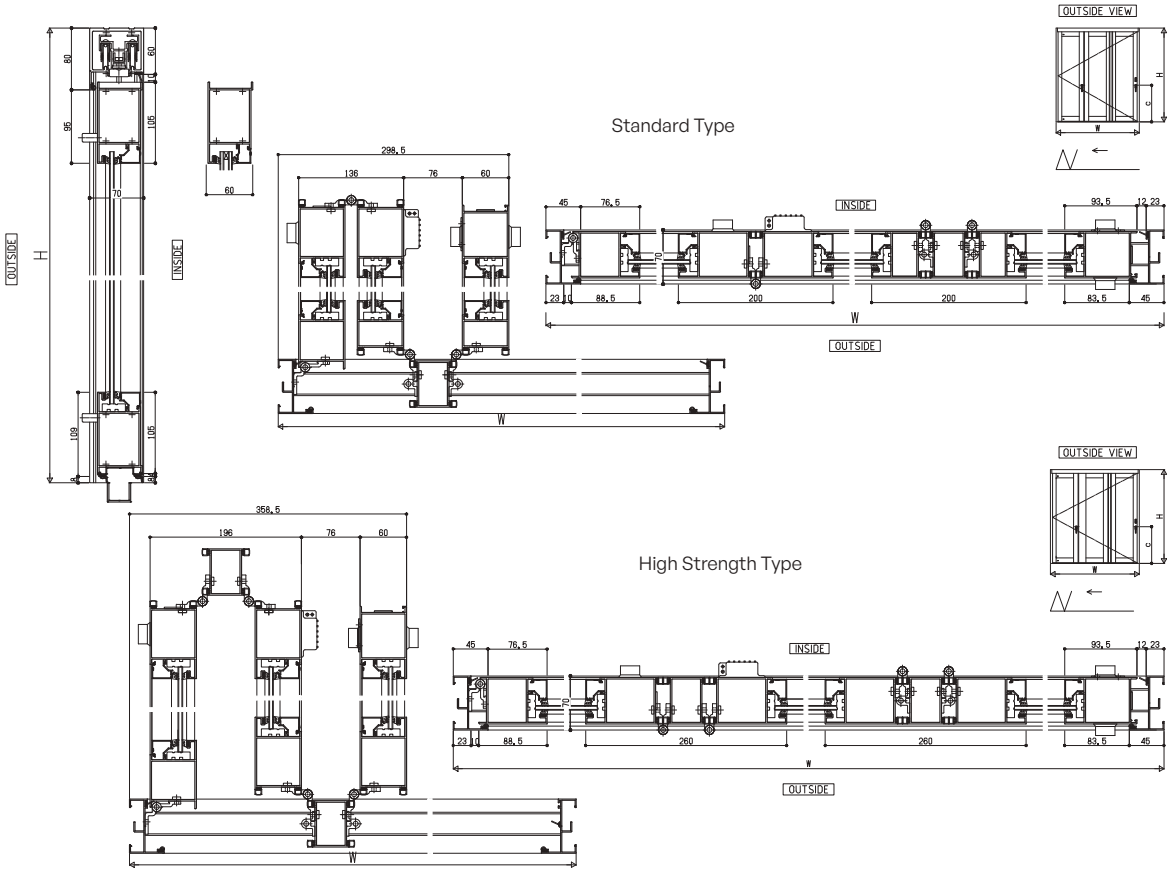




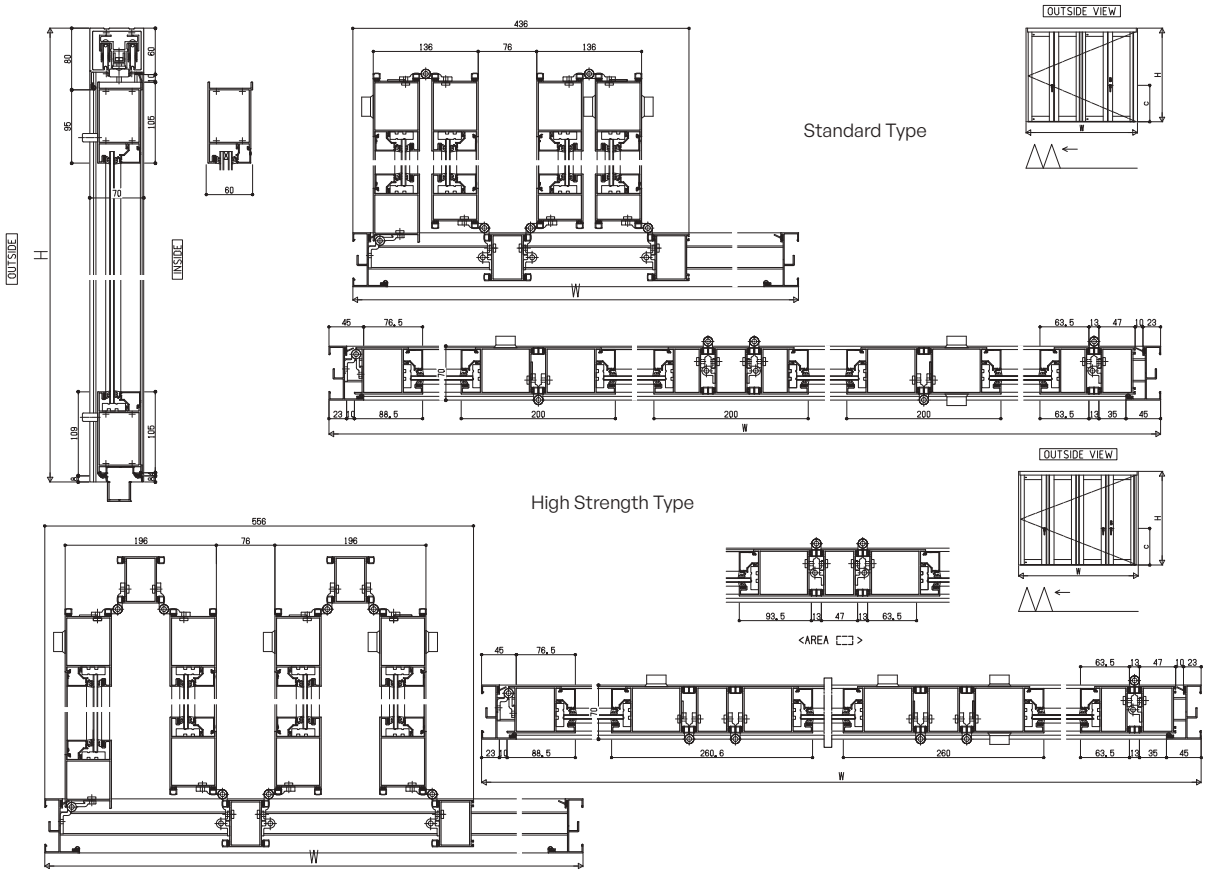
2 Leaves Inswing



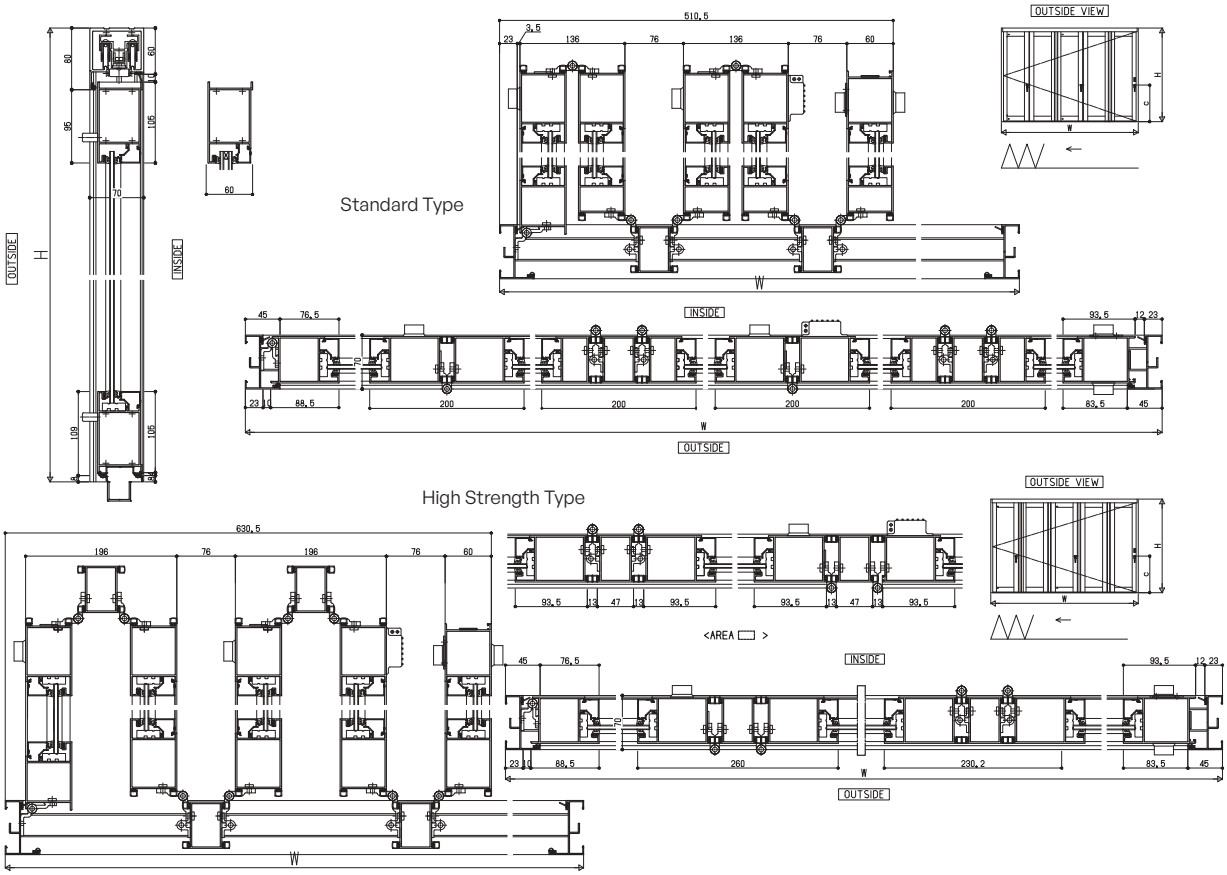
3 Leaves Inswing



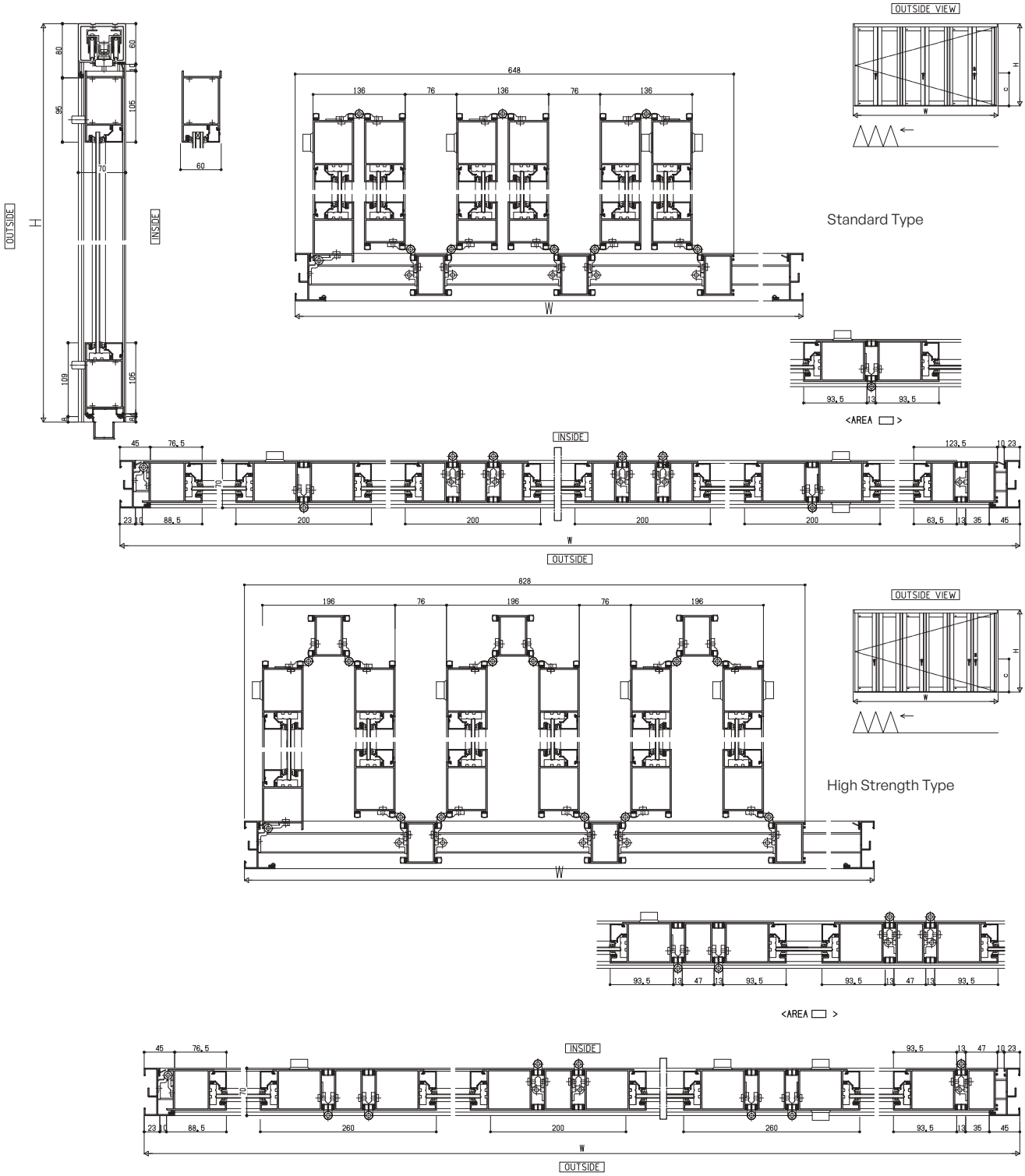
4 Leaves Inswing



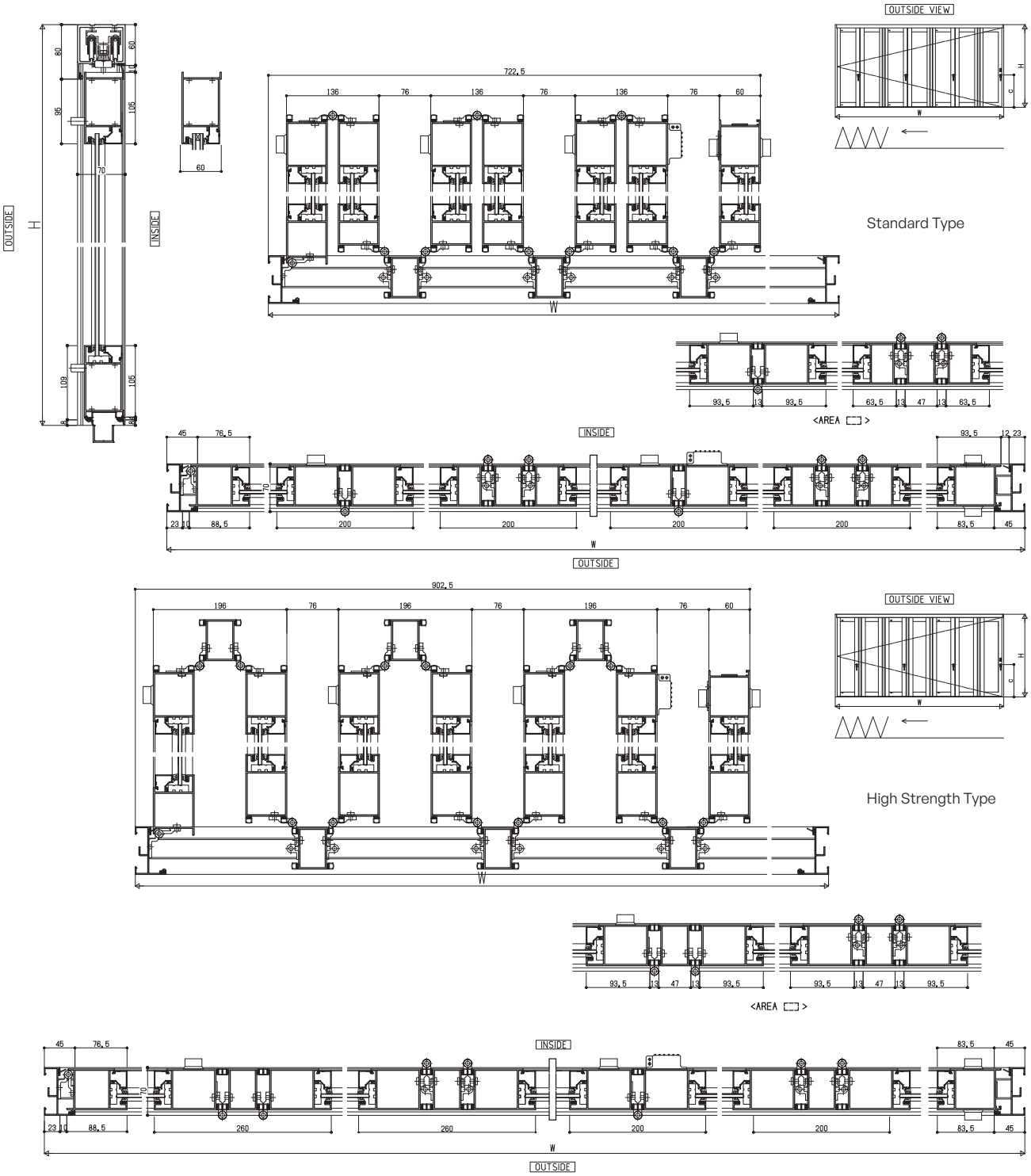
5 Leaves Inswing



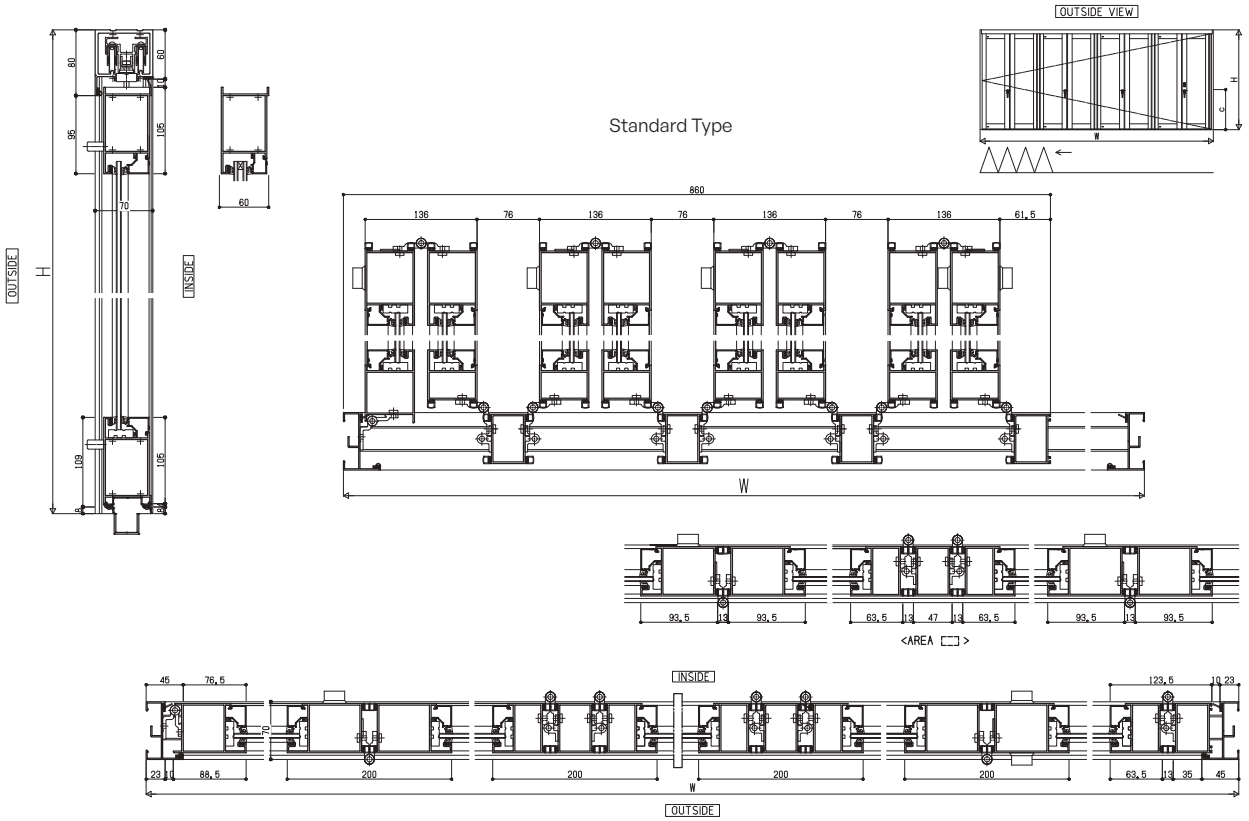
6 Leaves Inswing

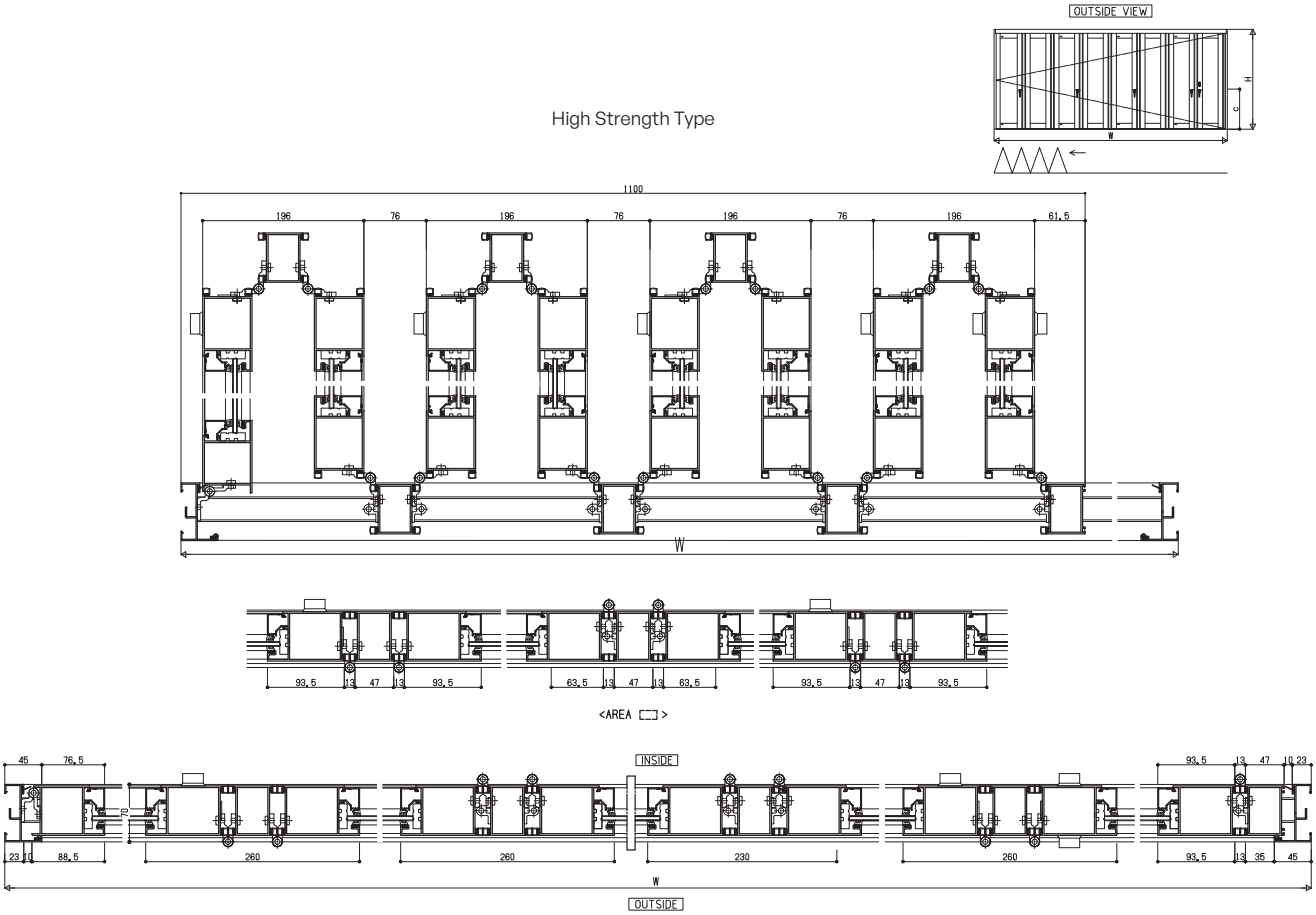


7 Leaves Inswing



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

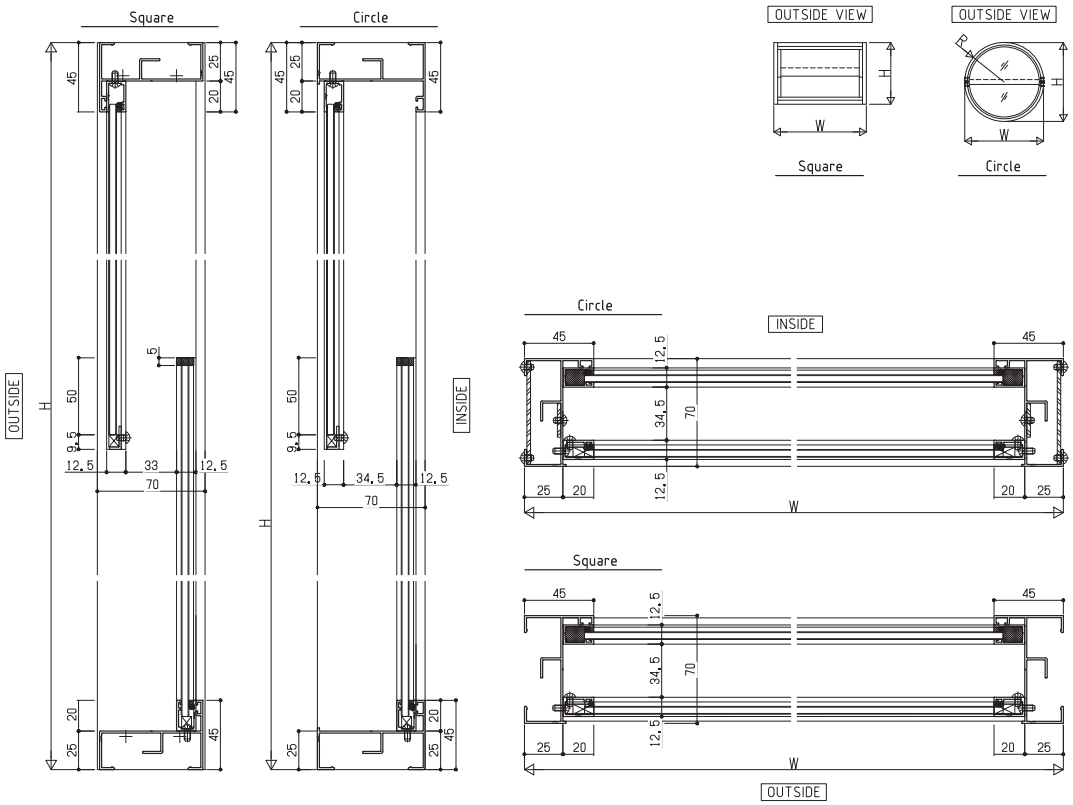
Square Type

Inside

Outside

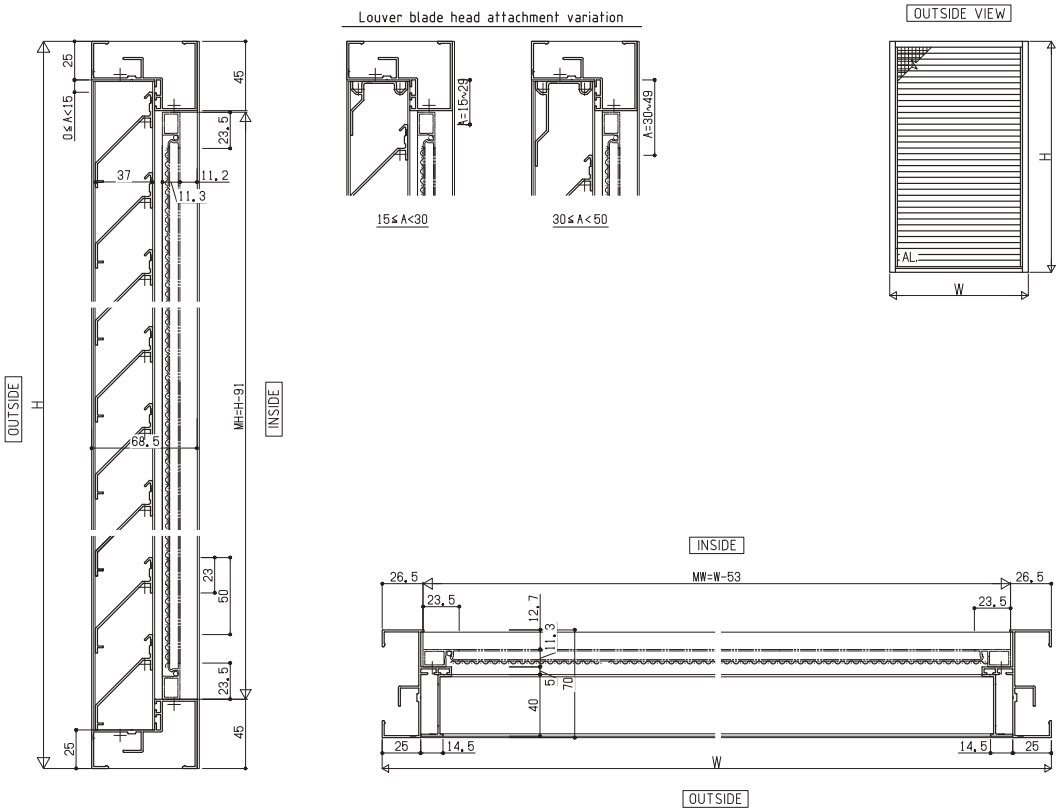
Bovenlicht

W	600≦W≦800	R≧600
H	400≦H≦600	



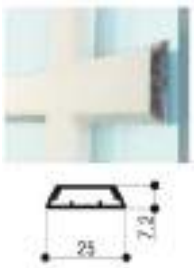
Louver

W	H
600≦W≦800	700≦H≦1400



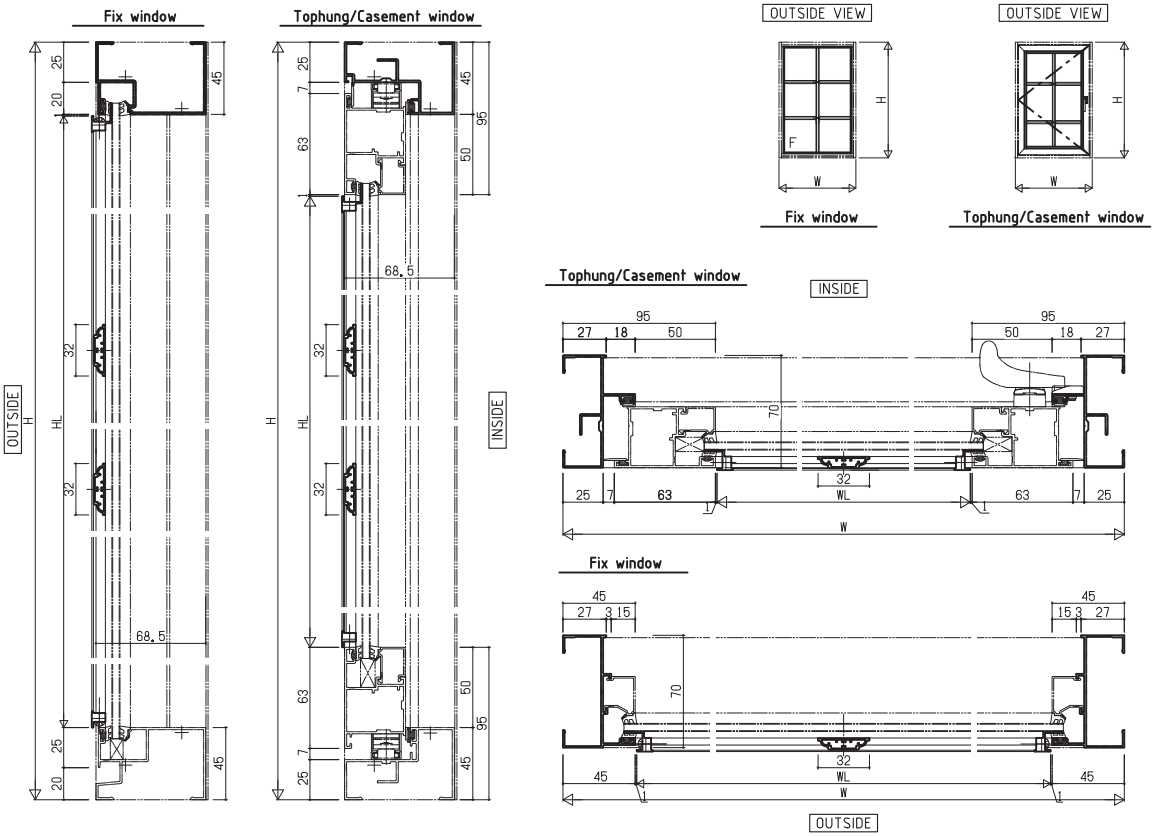
COMMON OPTION LATTICE

VARIATION

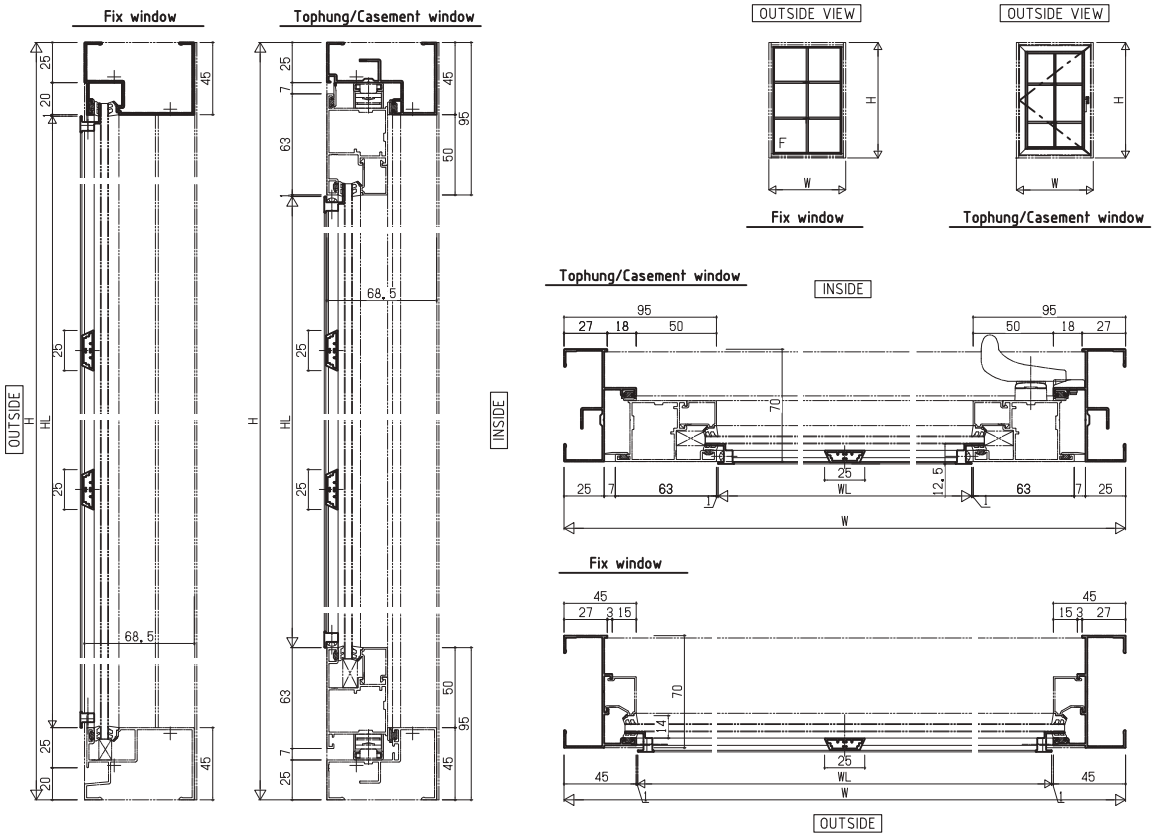
		FRAME TYPE				
						
		Trapezoid	Decorative	Flat	Stick on Glass Flat	Bevelled
Standard Sliding					●	
Wide View Sliding					●	
Top Hung	A,B-Type	●	●	●	●	●
	LS-Type	●	●	●	●	
Casement	A,B-Type	●	●	●	●	○
	LS-Type	●	●	●	●	
Fix		●	●	●	●	
Door		●	●	●	●	
Folding Door		●	●	●	●	

● *Available* ○ *Available, glazing with sealant*

Decora

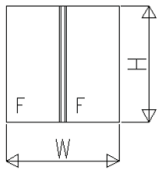
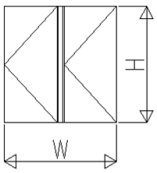
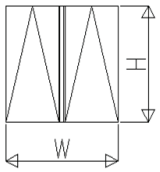
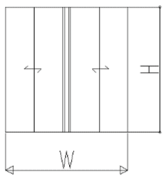


Trapezoid



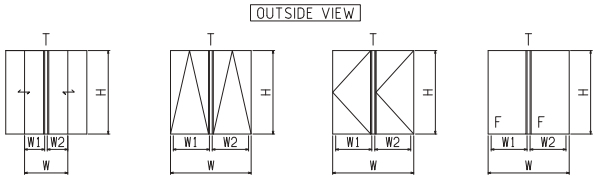
COMMON OPTION MULLION

VARIATION

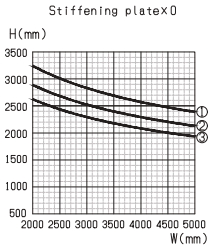
	Variation			
				
	Fix-Fix	Casement-Casement	Top Hung-Top Hung	Sliding-Sliding
Standard-Type	●	●	●	●
Strong-Type	●	●	●	●

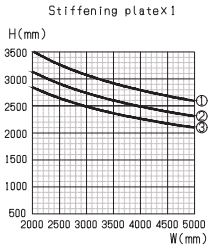
● *Available*

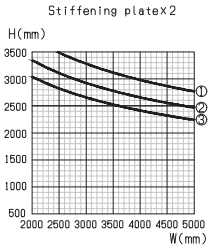
T-Mullion Standard
SL-SL / TH-TH / CA-CA / FIX-FIX

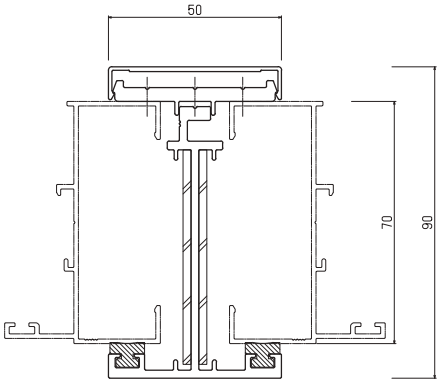


Available for
SL : 2 & 4 Leaves glass groove 12 mm & 14 mm
FIX : glass groove 14 mm and 24 mm
TH & CA : glass groove 14 mm, 18 mm, 24 mm, and 26 mm





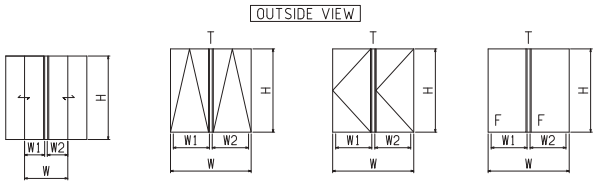




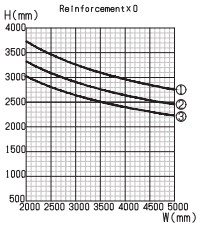
	PRESSURE
1	850Pa
2	1200Pa
3	1600Pa

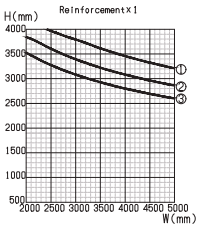
In case of FIX-FIX, W1 = W2

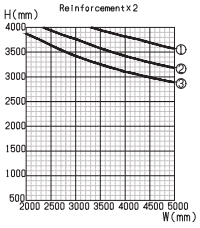
T-Mullion Strength
SL-SL / TH-TH / CA-CA / FIX-FIX



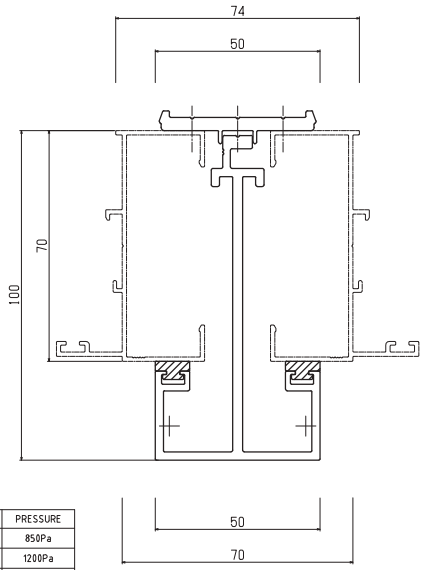
Available for
SL : 2 & 4 Leaves glass groove 12 mm & 14 mm
FIX : glass groove 14 mm and 24 mm
TH & CA : glass groove 14 mm, 18 mm, 24 mm, and 26 mm



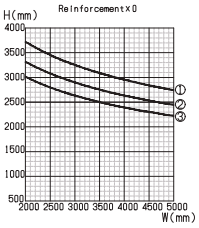


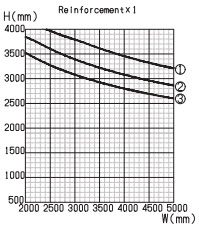


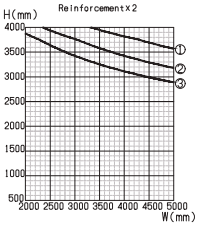
Protruding Outside



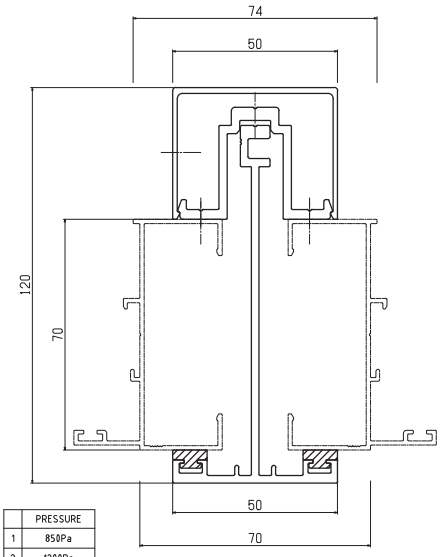
	PRESSURE
1	850Pa
2	1200Pa
3	1600Pa







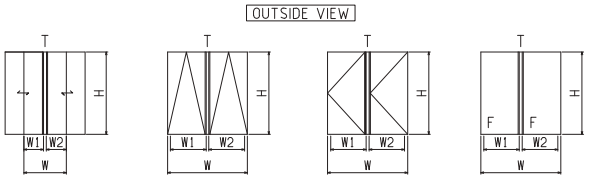
Protruding Inside

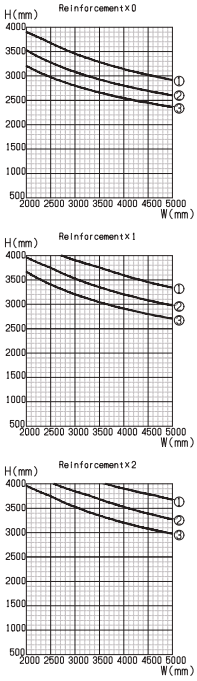


	PRESSURE
1	850Pa
2	1200Pa
3	1600Pa

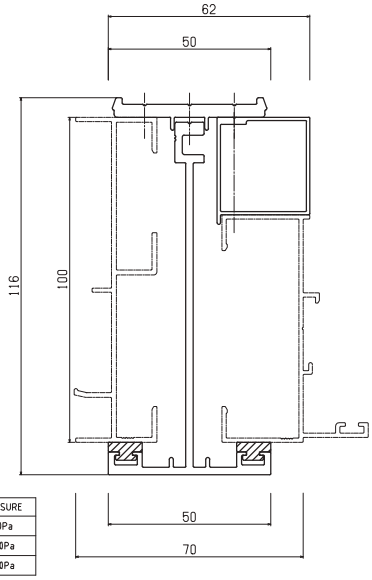
T-Mullion Combination
SL-SL / TH-TH / CA-CA / FIX-FIX

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

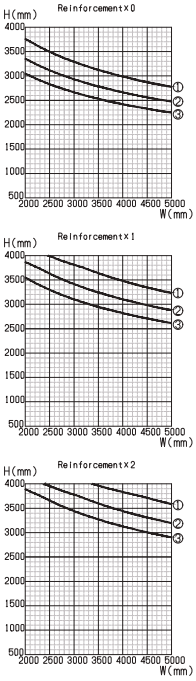




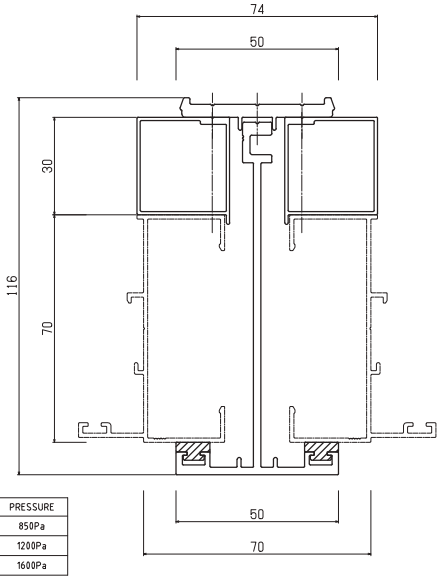
Combination 100 - 70



	PRESSURE
1	850Pa
2	1200Pa
3	1600Pa



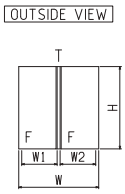
Combination 70 - 70



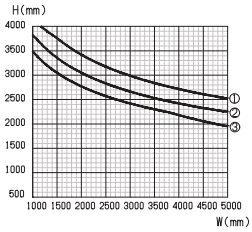
	PRESSURE
1	850Pa
2	1200Pa
3	1600Pa

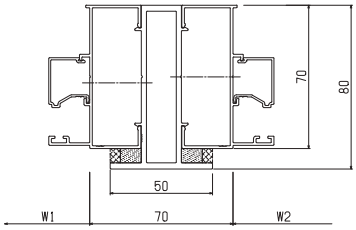
T-MULLION
FIX-FIX

Available for
glass groove 14 mm and 24 mm



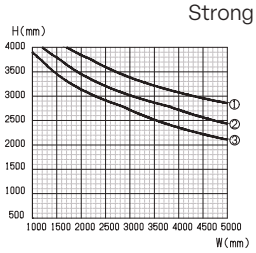
Standard Type

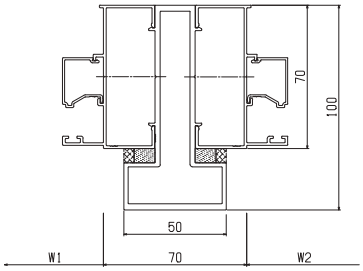




	PRESSURE
1	850Pa
2	1200Pa
3	1600Pa

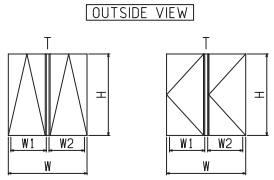
Strong Type





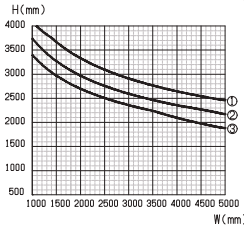
	PRESSURE
1	850Pa
2	1200Pa
3	1600Pa

T-MULLION TH-TH, CA-CA

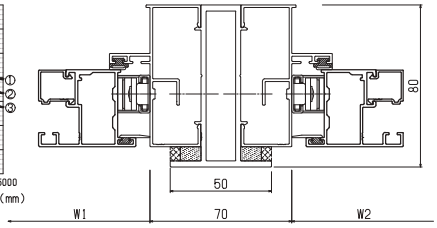


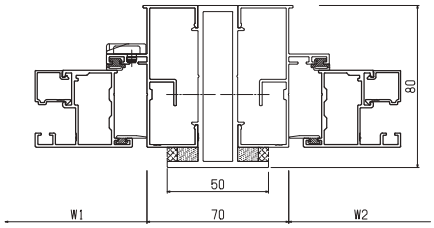
Available for
glass groove 14 mm, 18 mm, 24 mm, 26 mm

Standard Type

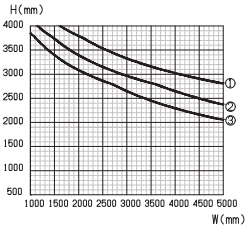


	PRESSURE
1	850Pa
2	1200Pa
3	1600Pa

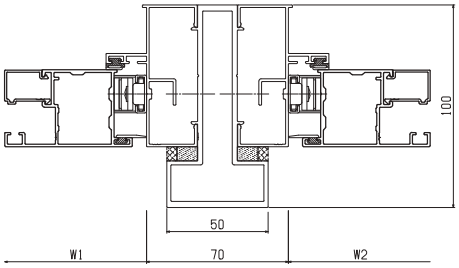


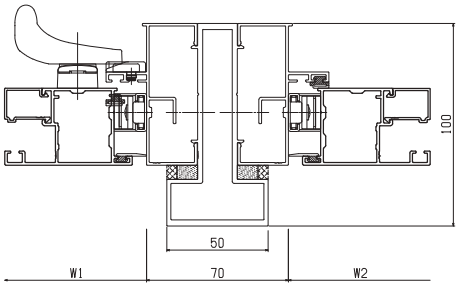


Strong Type

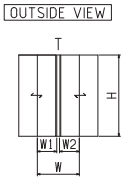


	PRESSURE
1	850Pa
2	1200Pa
3	1600Pa



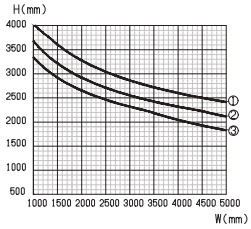


T - MULLION SL-SL

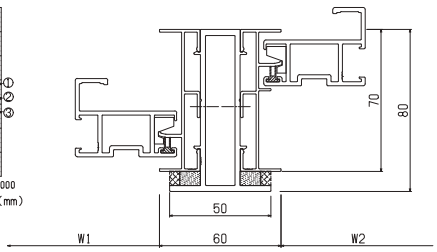


Available for
2 & 4 Leaves, glass groove 12 mm and 14 mm

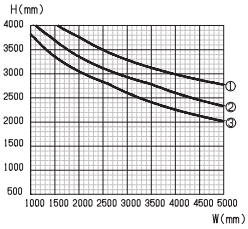
Standard Type



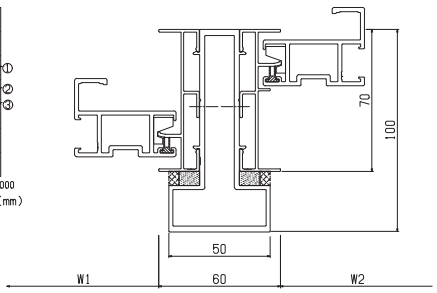
	PRESSURE
1	850Pa
2	1200Pa
3	1600Pa



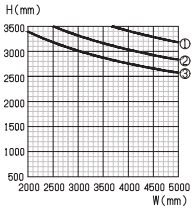
Strong Type



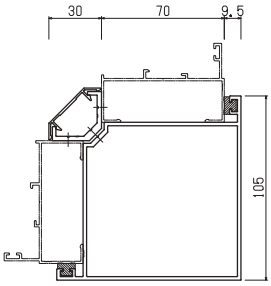
	PRESSURE
1	850Pa
2	1200Pa
3	1600Pa

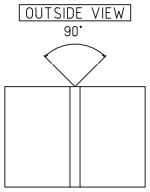


Corner Mullion



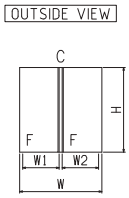
	PRESSURE
1	850Pa
2	1200Pa
3	1600Pa

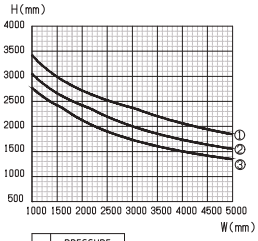




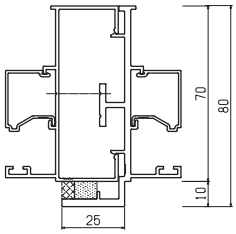
Coupling Mullion Standard FIX

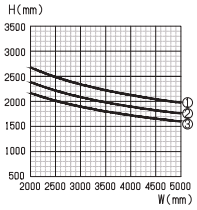
Available for
glass groove 14 mm and 24 mm



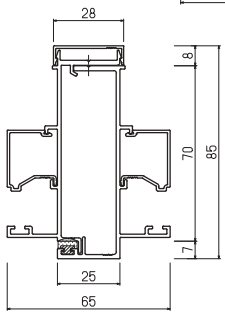


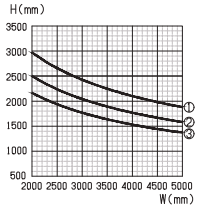
	PRESSURE
1	850Pa
2	1200Pa
3	1600Pa



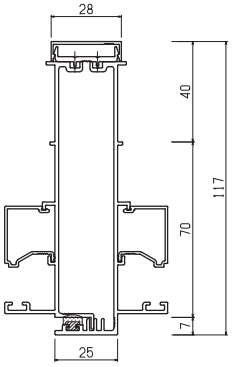


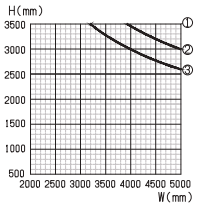
	PRESSURE
1	850Pa
2	1200Pa
3	1600Pa



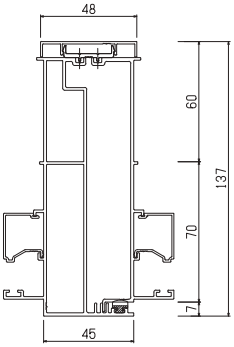


	PRESSURE
1	850Pa
2	1200Pa
3	1600Pa



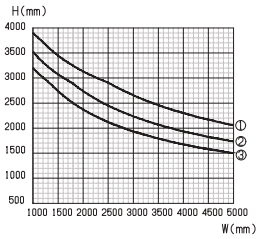


	PRESSURE
1	850Pa
2	1200Pa
3	1600Pa

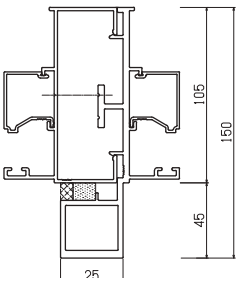


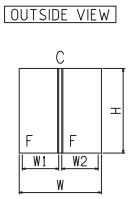
Coupling Mullion Strong FIX-FIX

Available for
glass groove 12 mm and 24 mm



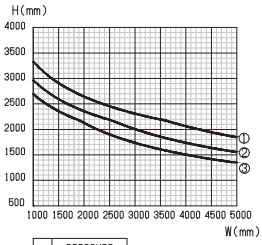
	PRESSURE
1	850Pa
2	1200Pa
3	1600Pa



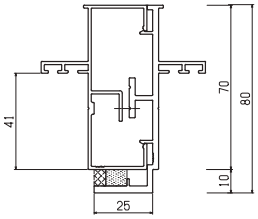


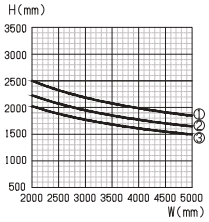
Coupling Mullion Standard
TH-TH, CA-CA

Available for
glass groove 12 mm and 24 mm



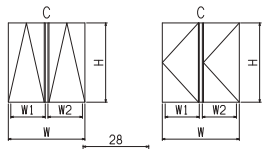
	PRESSURE
1	850Pa
2	1200Pa
3	1600Pa

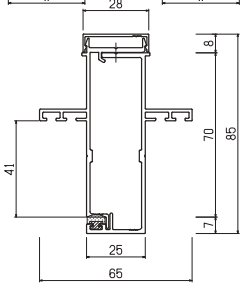


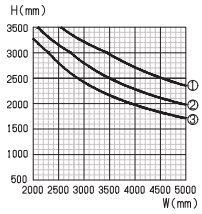


	PRESSURE
1	850Pa
2	1200Pa
3	1600Pa

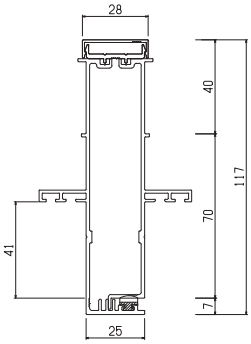
OUTSIDE VIEW

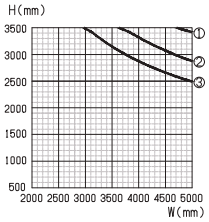




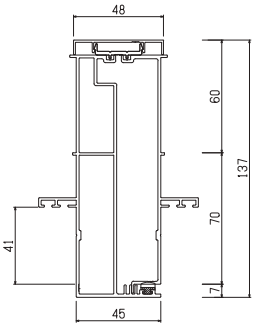


	PRESSURE
1	850Pa
2	1200Pa
3	1600Pa



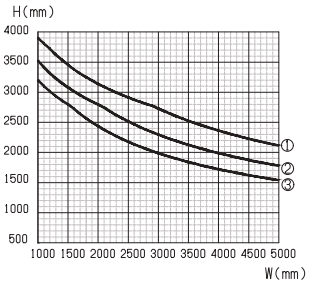


	PRESSURE
1	850Pa
2	1200Pa
3	1600Pa

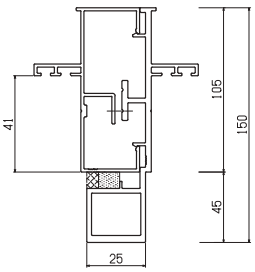


Coupling Mullion Strong
TH-TH, CA-CA

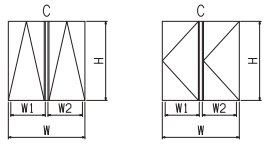
Available for
glass groove 14 mm and 24 mm



	PRESSURE
1	850Pa
2	1200Pa
3	1600Pa



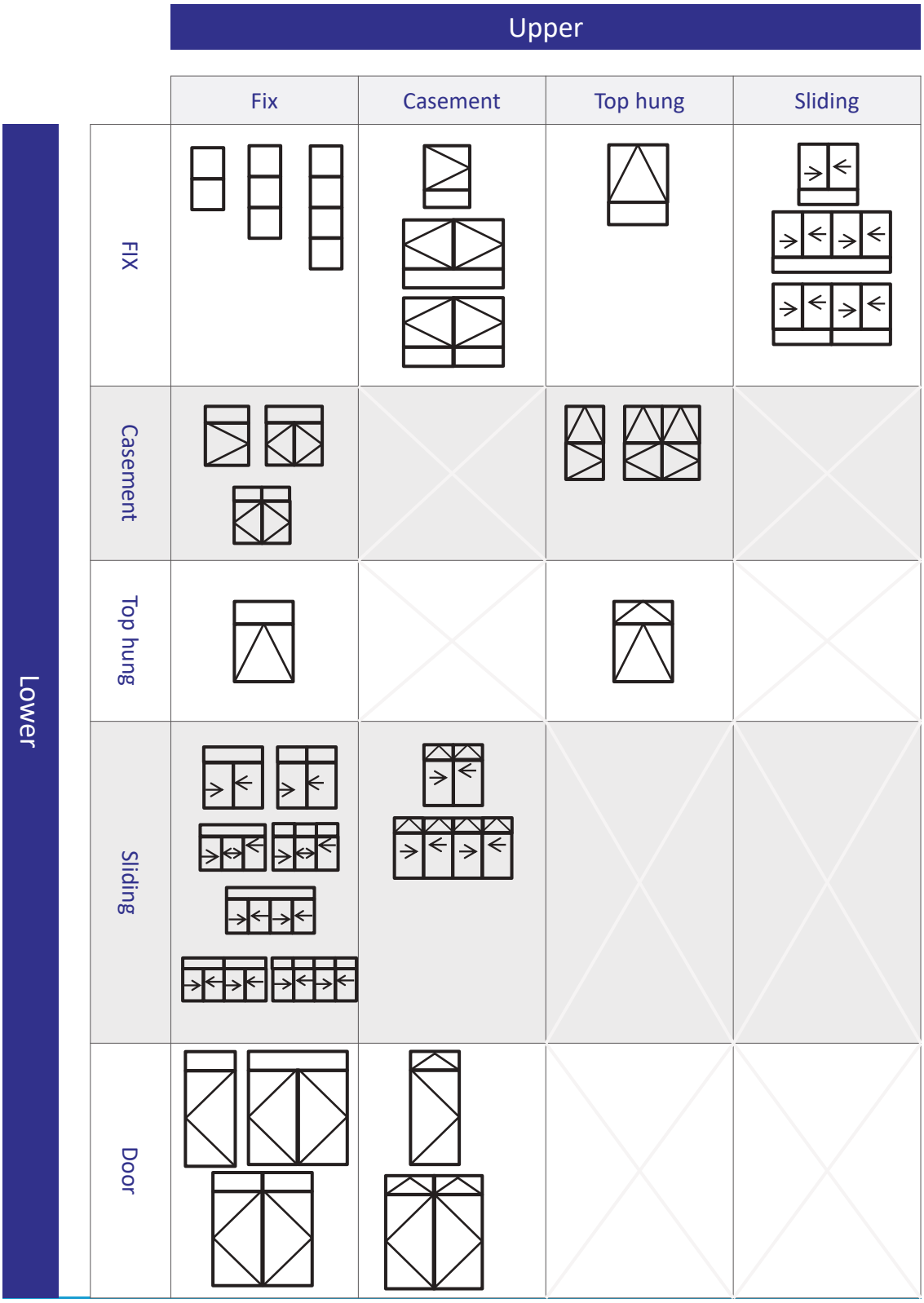
OUTSIDE VIEW



COMMON OPTION TRANSOM

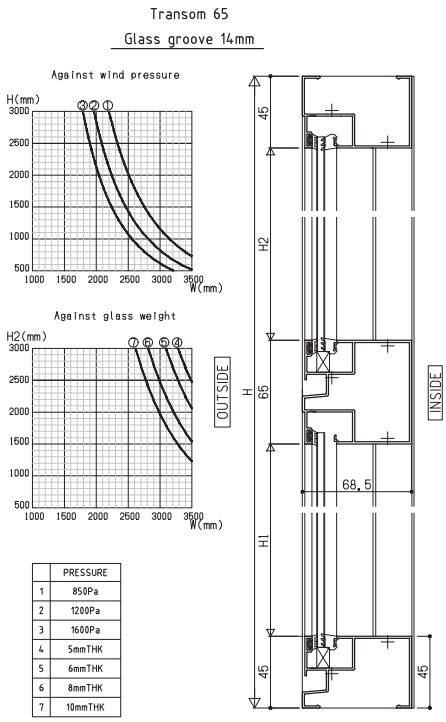
VARIATION

● Samples in this catalog

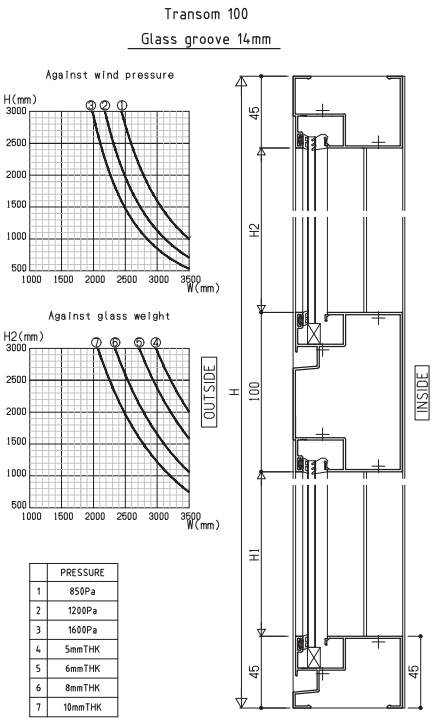


COMMON OPTION TRANSOM System Drawing & Size Limitation

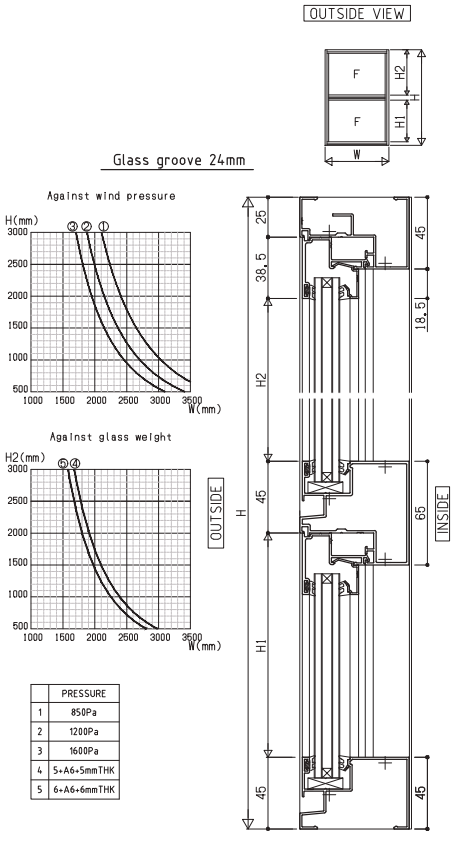
FIX/FIX



	PRESSURE
1	850Pa
2	1200Pa
3	1600Pa
4	5mmTHK
5	6mmTHK
6	8mmTHK
7	10mmTHK

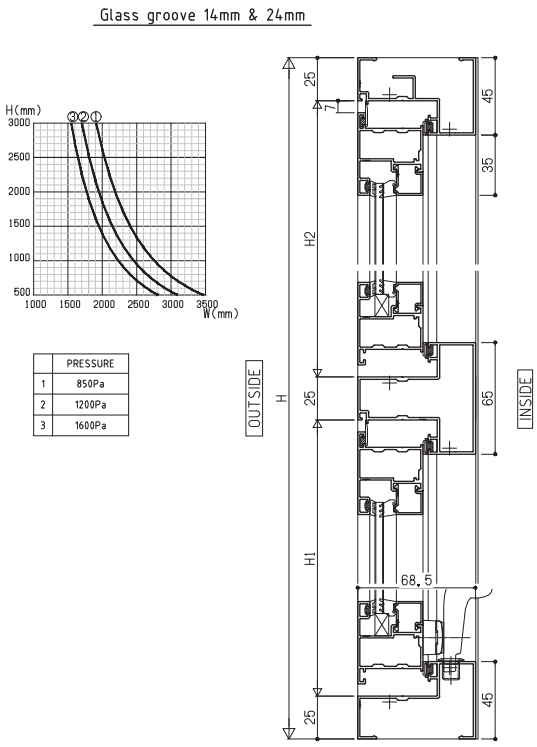


	PRESSURE
1	850Pa
2	1200Pa
3	1600Pa
4	5mmTHK
5	6mmTHK
6	8mmTHK
7	10mmTHK

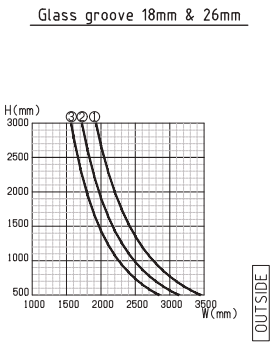


	PRESSURE
1	850Pa
2	1200Pa
3	1600Pa
4	5+A6+5mmTHK
5	6+A6+6mmTHK

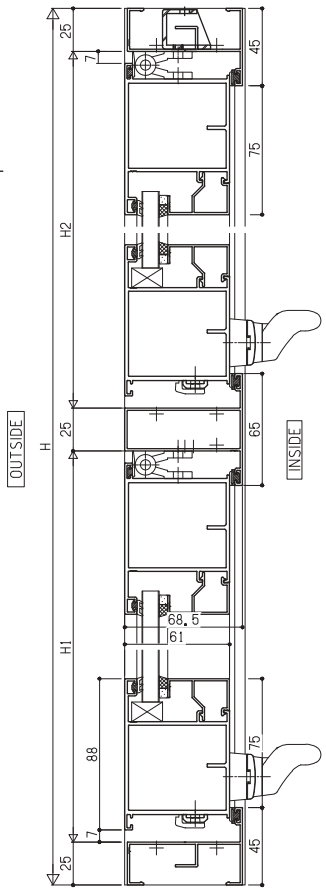
TH/TH, TH/CA

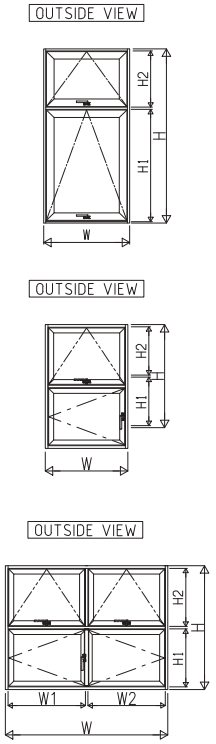


	PRESSURE
1	850Pa
2	1200Pa
3	1600Pa



	PRESSURE
1	850Pa
2	1200Pa
3	1600Pa

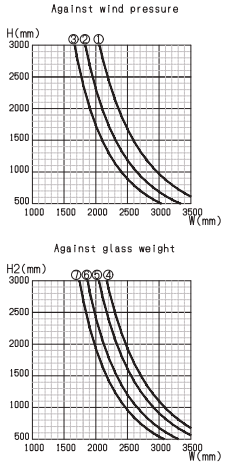




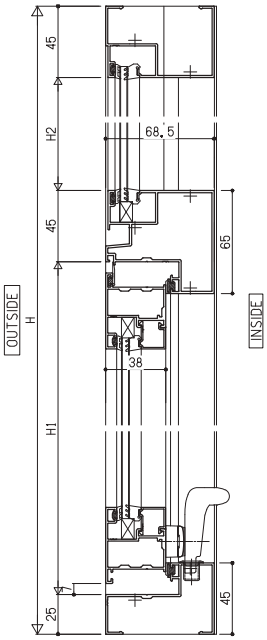
COMMON OPTION TRANSOM System Drawing & Size Limitation

FIX/TH, FIX/CA

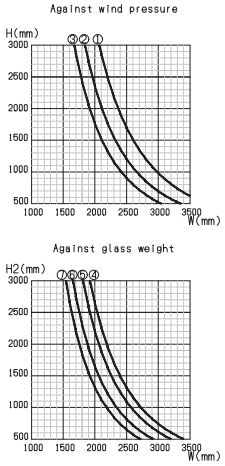
F: Glass groove 14mm
TH/CA: Glass groove 14mm & 24mm



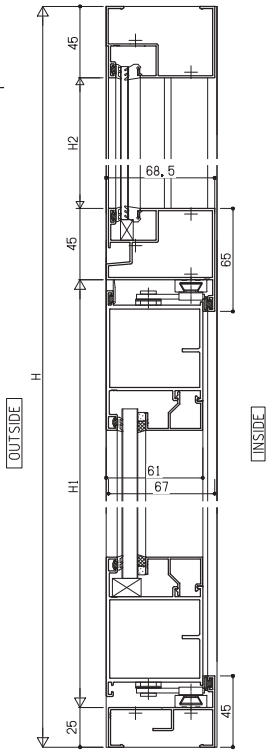
	PRESSURE
1	850Pa
2	1200Pa
3	1600Pa
4	5mmTHK
5	6mmTHK
6	8mmTHK
7	10mmTHK

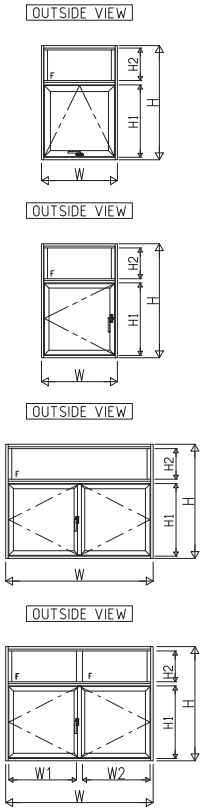


F: Glass groove 14mm
TH/CA: Glass groove 18mm & 26mm



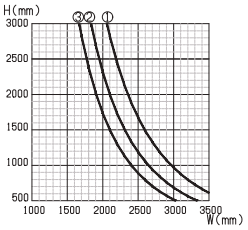
	PRESSURE
1	850Pa
2	1200Pa
3	1600Pa
4	5mmTHK
5	6mmTHK
6	8mmTHK
7	10mmTHK



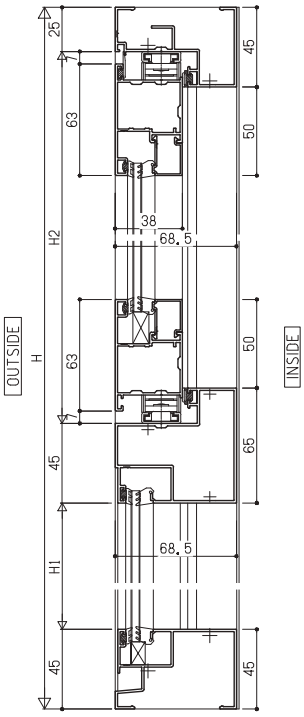


TH/FIX, CA/FIX

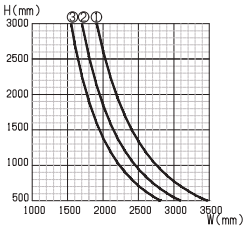
TH/CA: Glass groove 14mm & 24mm
F: Glass groove 14mm



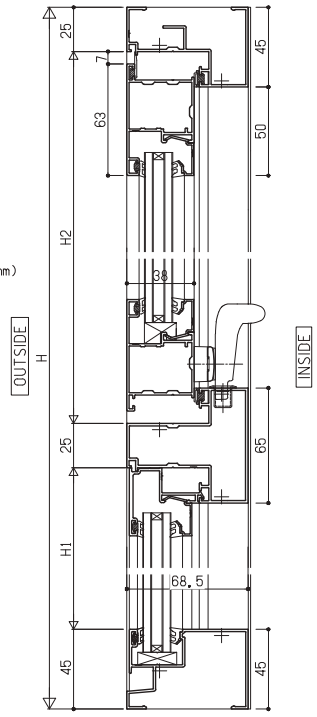
	PRESSURE
1	850Pa
2	1200Pa
3	1600Pa

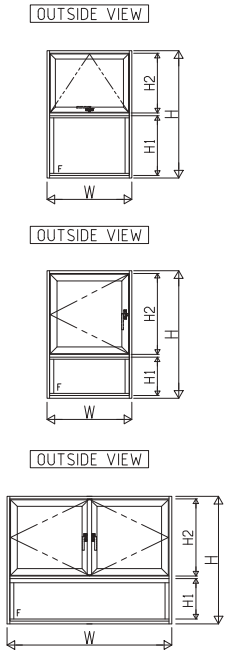


TH/CA: Glass groove 14mm & 24mm
F: Glass groove 24mm



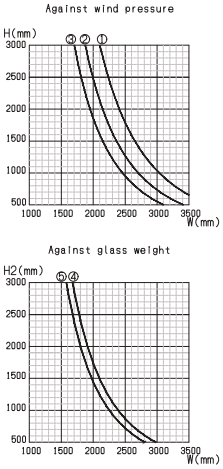
	PRESSURE
1	850Pa
2	1200Pa
3	1600Pa



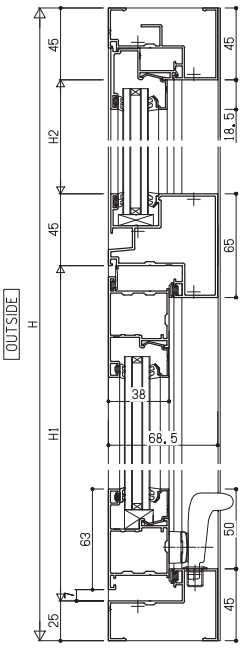


Transom FIX/TH, FIX/CA

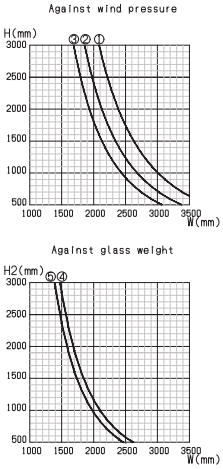
F: Glass groove 24mm
TH/CA: Glass groove 14mm & 24mm



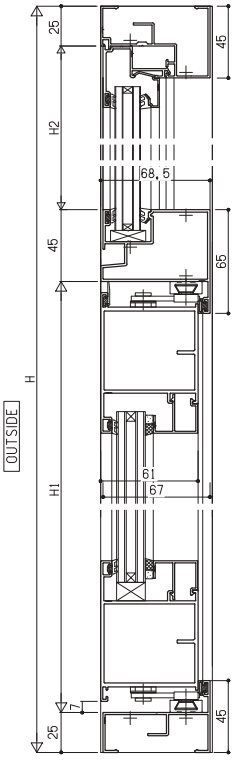
	PRESSURE
1	850Pa
2	1200Pa
3	1600Pa
4	5+A6+5mmTHK
5	6+A6+6mmTHK

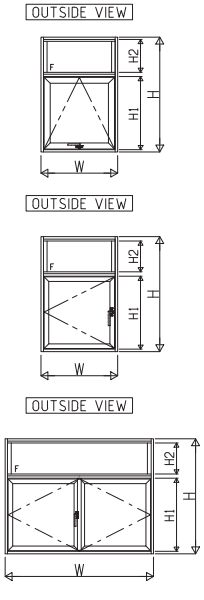


F: Glass groove 24mm
TH/CA: Glass groove 18mm & 26mm



	PRESSURE
1	850Pa
2	1200Pa
3	1600Pa
4	5+A6+5mmTHK
5	6+A6+6mmTHK

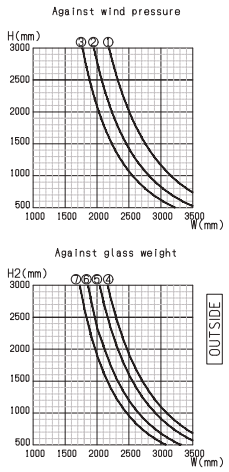




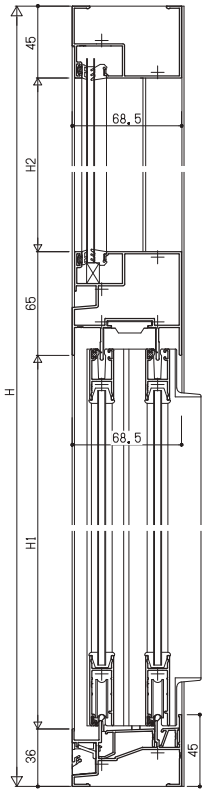
Transom 65 SL/FIX

2 leaves & 4 leaves

F: Glass groove 14mm
SL: Glass groove 12mm

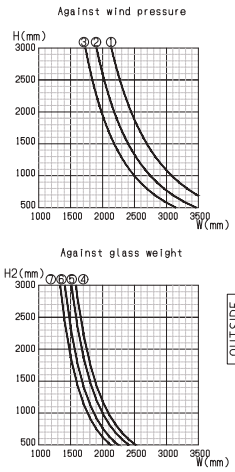


	PRESSURE
1	850Pa
2	1200Pa
3	1600Pa
4	5mmTHK
5	6mmTHK
6	8mmTHK
7	10mmTHK

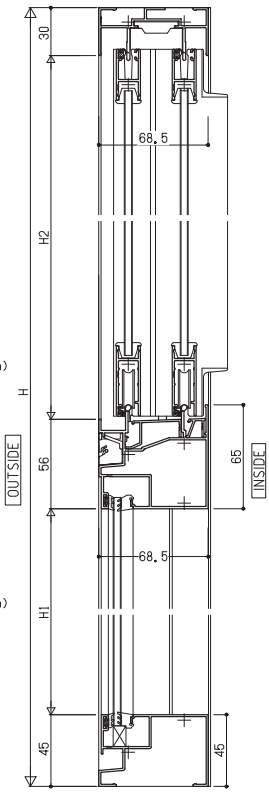


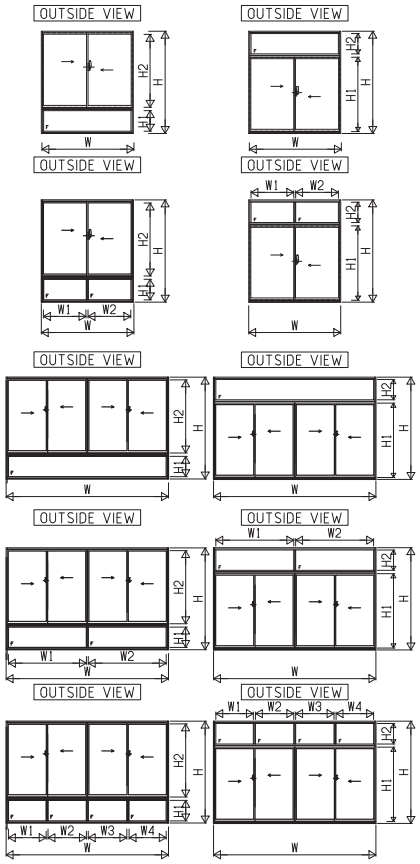
2 leaves & 4 leaves

SL: Glass groove 12mm
F: Glass groove 14mm



	PRESSURE
1	850Pa
2	1200Pa
3	1600Pa
4	5mmTHK
5	6mmTHK
6	8mmTHK
7	10mmTHK





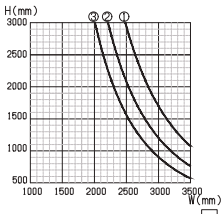
COMMON OPTION TRANSOM System Drawing & Size Limitation

Transom 100 FIX/SL

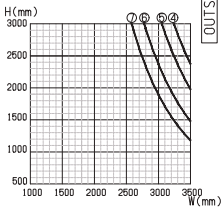
2 leaves & 4 leaves

F: Glass groove 14mm
SL: Glass groove 12mm & 14mm

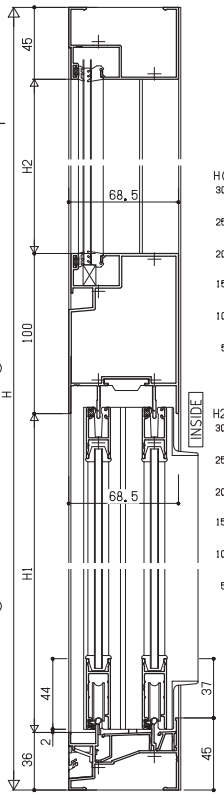
Against wind pressure



Against glass weight



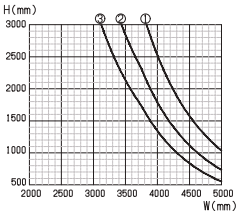
	PRESSURE
1	850Pa
2	1200Pa
3	1600Pa
4	5mmTHK
5	6mmTHK
6	8mmTHK
7	10mmTHK



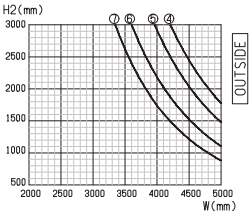
3 leaves

F: Glass groove 14mm
SL: Glass groove 14mm

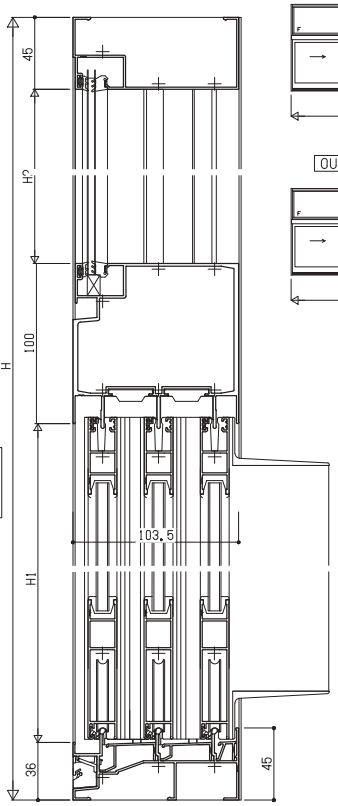
Against wind pressure

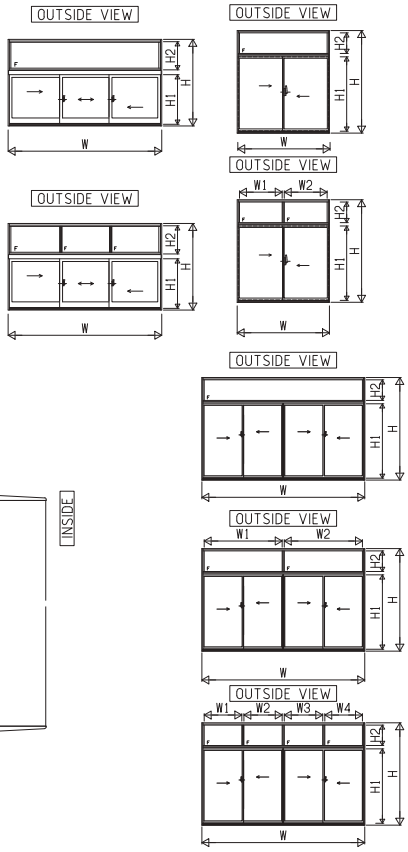


Against glass weight



	PRESSURE
1	850Pa
2	1200Pa
3	1600Pa
4	5mmTHK
5	6mmTHK
6	8mmTHK
7	10mmTHK



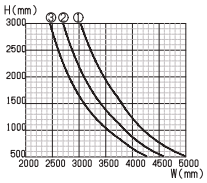


Transom 100 FIX/SL, SL/FIX

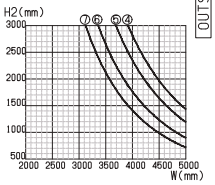
4 leaves

F: Glass groove 14mm
SL: Glass groove 14mm

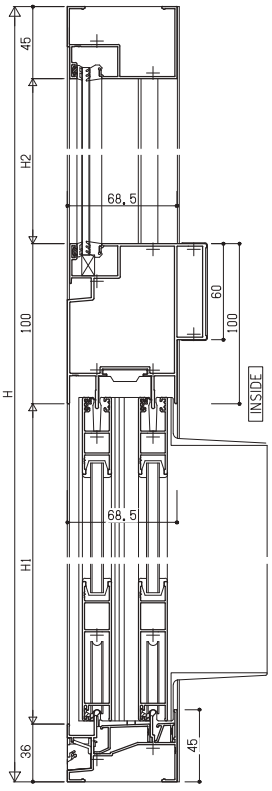
Against wind pressure



Against glass weight



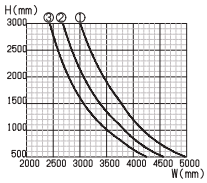
	PRESSURE
1	850Pa
2	1200Pa
3	1600Pa
4	5mmTHK
5	6mmTHK
6	8mmTHK
7	10mmTHK



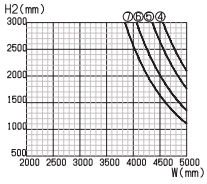
4 leaves

SL: Glass groove 14mm
F: Glass groove 14mm

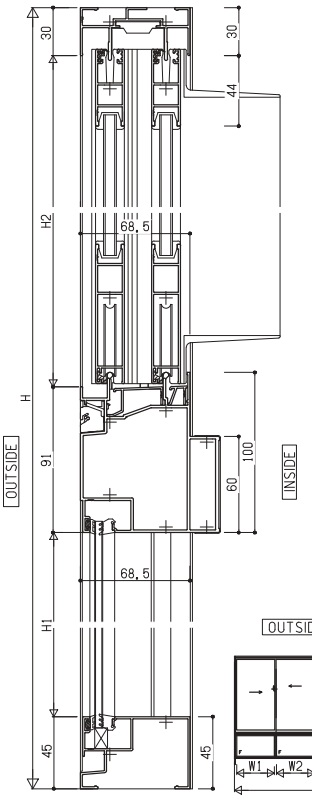
Against wind pressure

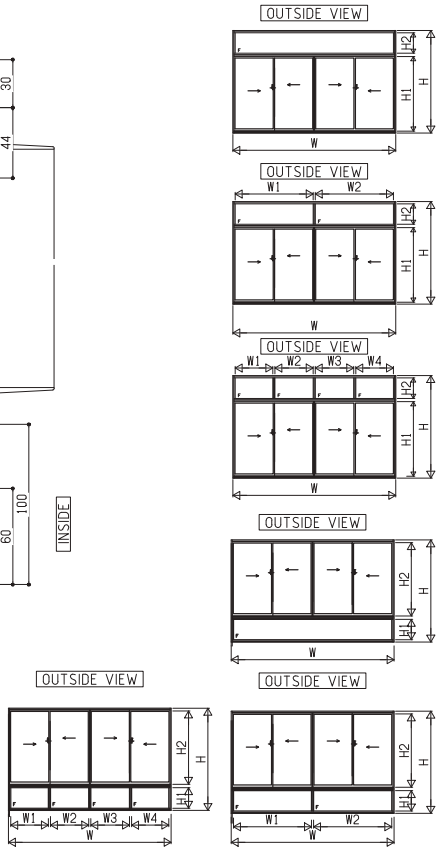


Against glass weight



	PRESSURE
1	850Pa
2	1200Pa
3	1600Pa
4	5mmTHK
5	6mmTHK
6	8mmTHK
7	10mmTHK





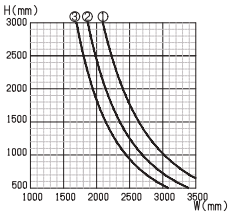
COMMON OPTION TRANSOM System Drawing & Size Limitation

TH/SL

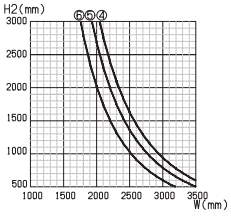
2 leaves & 4 leaves
Transom 65

TH: Glass groove 14mm
SL: Glass groove 12mm

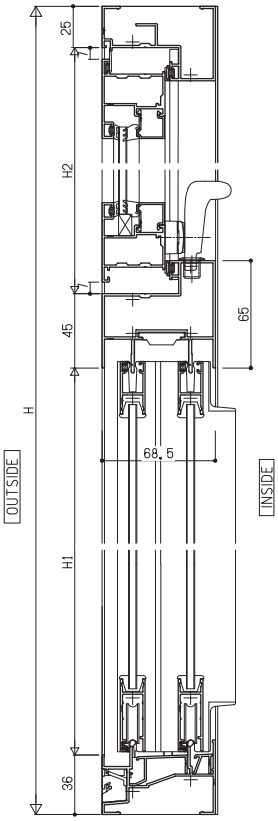
Against wind pressure



Against glass weight



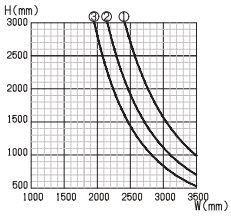
	PRESSURE
1	850Pa
2	1200Pa
3	1600Pa
4	5mmTHK
5	6mmTHK
6	8mmTHK



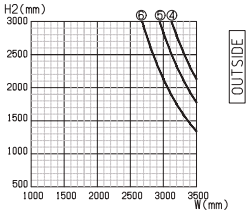
2 leaves
Transom 100

TH: Glass groove 14mm
SL: Glass groove 12mm

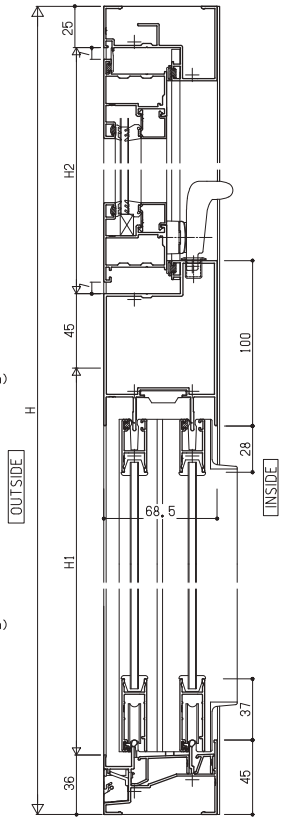
Against wind pressure



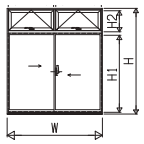
Against glass weight



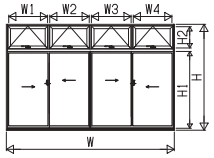
	PRESSURE
1	850Pa
2	1200Pa
3	1600Pa
4	5mmTHK
5	6mmTHK
6	8mmTHK



OUTSIDE VIEW



OUTSIDE VIEW

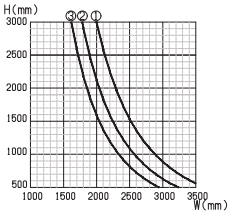


FIX/DOOR DT = 36

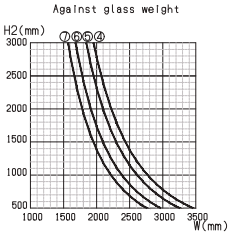
Inswing

F: Glass groove 14mm
Door: Glass groove 14mm & 24mm

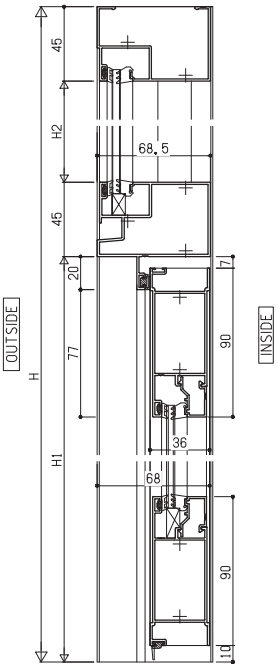
Against wind pressure



Against glass weight



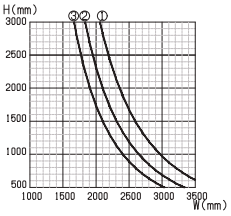
	PRESSURE
1	850Pa
2	1200Pa
3	1600Pa
4	5mmTHK
5	6mmTHK
6	8mmTHK
7	10mmTHK



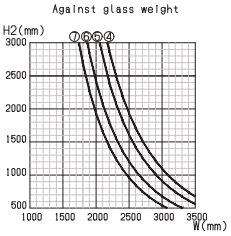
Outswing

F: Glass groove 14mm
Door: Glass groove 14mm & 24mm

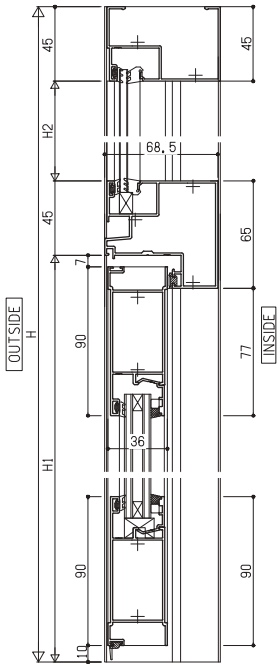
Against wind pressure



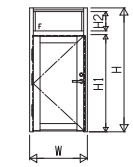
Against glass weight



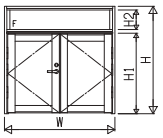
	PRESSURE
1	850Pa
2	1200Pa
3	1600Pa
4	5mmTHK
5	6mmTHK
6	8mmTHK
7	10mmTHK



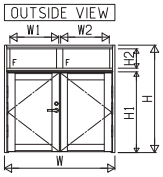
OUTSIDE VIEW



OUTSIDE VIEW



OUTSIDE VIEW

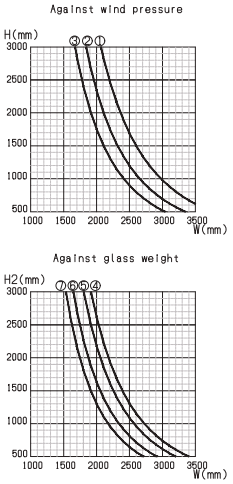


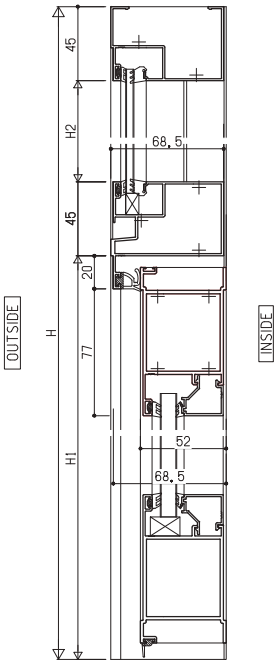
COMMON OPTION TRANSOM System Drawing & Size Limitation

FIX/DOOR DT = 52

Inswing

F: Glass groove 14mm
Door: Glass groove 18mm & 26mm

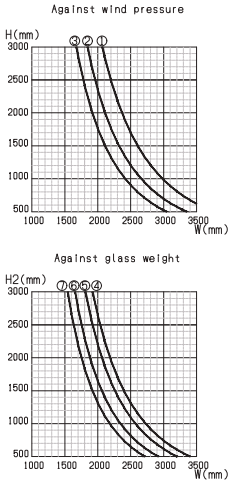


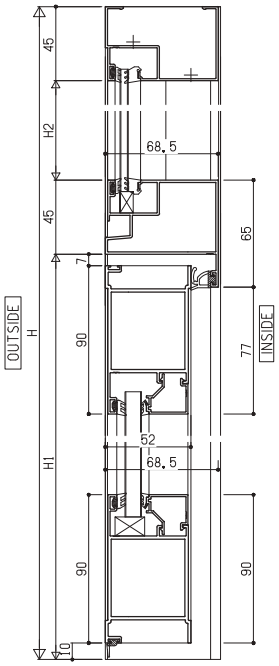


	PRESSURE
1	850Pa
2	1200Pa
3	1600Pa
4	5mmTHK
5	6mmTHK
6	8mmTHK
7	10mmTHK

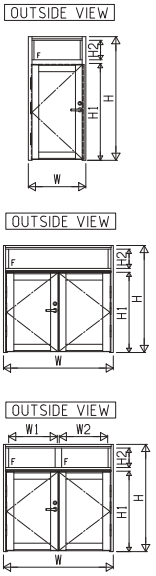
Outswing

F: Glass groove 14mm
Door: Glass groove 18mm & 26mm





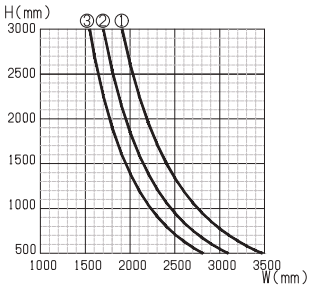
	PRESSURE
1	850Pa
2	1200Pa
3	1600Pa
4	5mmTHK
5	6mmTHK
6	8mmTHK
7	10mmTHK



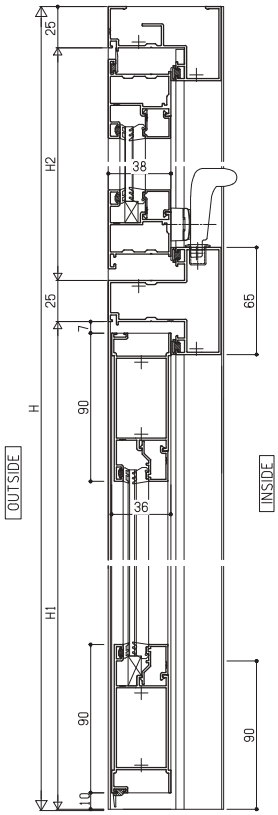
TH/DOOR DT = 36

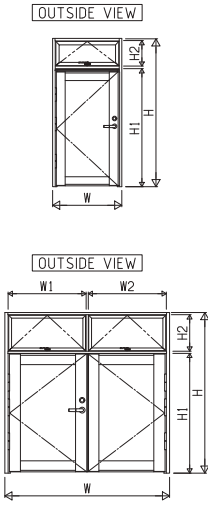
Outswing

F: Glass groove 14mm
Door: Glass groove 14mm & 24mm

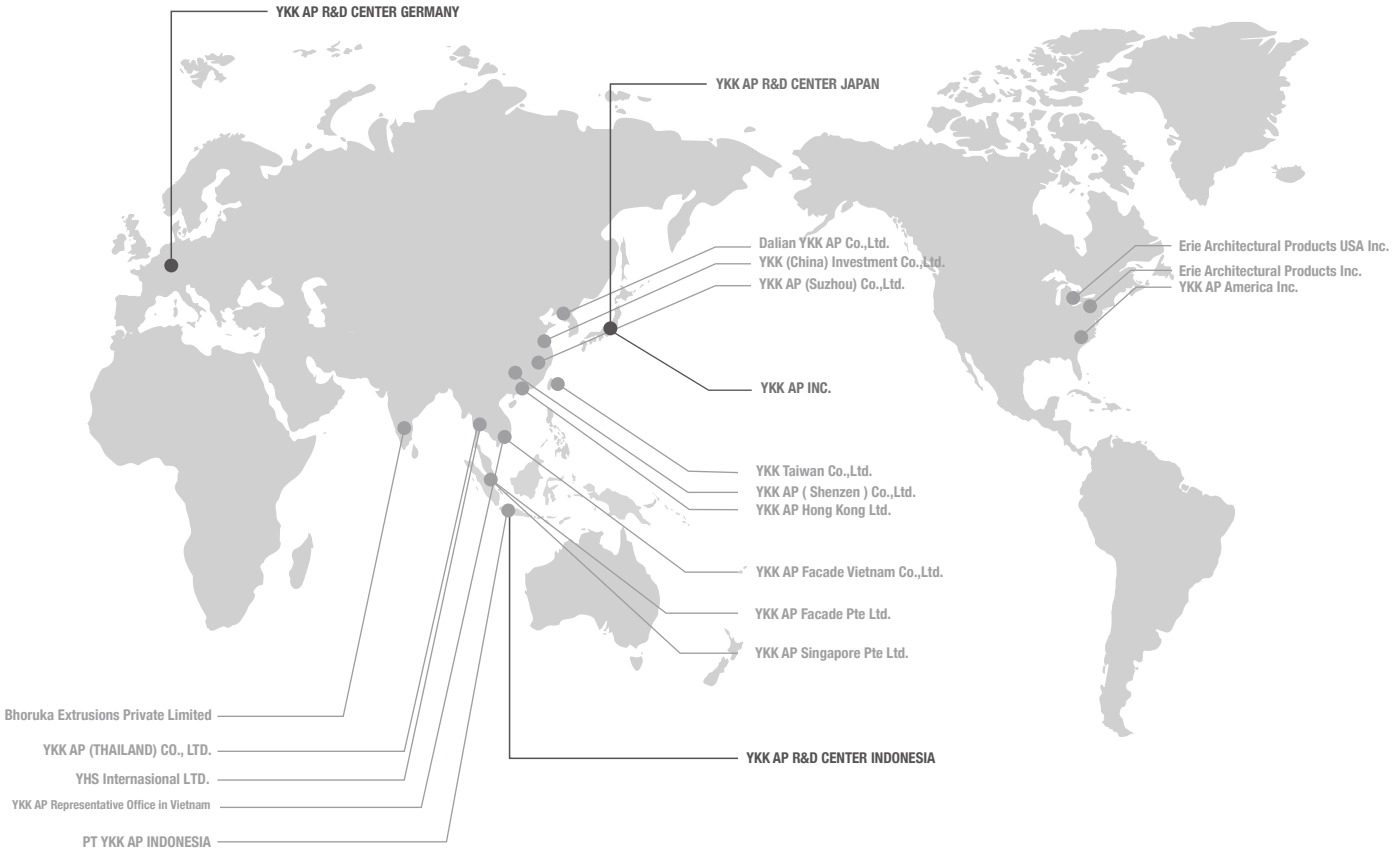


	PRESSURE
1	850Pa
2	1200Pa
3	1600Pa





YKK AP AND YKK AP R&D CENTER GLOBAL NETWORK



PT YKK AP INDONESIA

Head Office & Factory
Kawasan Industri Manis
Jl. Manis Raya No.23, Ds. Kadu, Kec. Curug
Tangerang 15810, Banten, Indonesia
Tel: +62 21 591 9073
Fax: +62 21 591 9074
www.ykkap.co.id

Jakarta Sales & Marketing Office
Summitmas I Building
Jl. Jend. Sudirman Kav.61-62, 3rd Floor
Jakarta 12190, Indonesia
Tel: +62 21 252 0745

Surabaya Branch Office
JAPFA INDOLAND CENTER
JAPFA TOWER I 6th Floor No.606-607
Jl. Jend. Basuki Rachmat 129-137
Surabaya 60271, Jawa Timur, Indonesia
Tel: +62 31 535 1800 (Hunting)
Fax: +62 31 535 1700

Representative Office in Vietnam
11th Floor AB Tower, 76 Le Lai Street
Ben Thanh Ward, District 1
Ho Chi Minh City, Vietnam
Tel: +84 8 3822 8900
Fax:+84 8 3822 8901
www.ykkap.com.vn

YKK AP (THAILAND) CO., LTD.
Wave Place Building, 13th Floor No. 55
Wireless Road, Lumpini, Pathumwan
Bangkok 10330, Thailand
Tel: +66 2 655 6334
Fax: +66 2 655 6399
www.ykkap.co.th

Website Instagram Youtube

ISSUE DATE MAY, 2025
PRINTED IN INDONESIA
C001-25JI-E-6

YKK ap®