

ABOUT US

The three core principles of GCC are to provide good quality, credible and considerate products and services to our customers since its establishment. GCC aims to develop every product from users' perspective to fit customers' needs and serve warm user experience via hardware.

GCC has dedicated huge efforts to glass hardware and system development since 1981. GCC provides a variety of great solutions for users to create wide, fresh, and comfortable spaces. The product ranges cover from houses, office buildings, restaurants, hotels to department stores, and GCC always supplies brilliant solutions for any space with great user experiences.

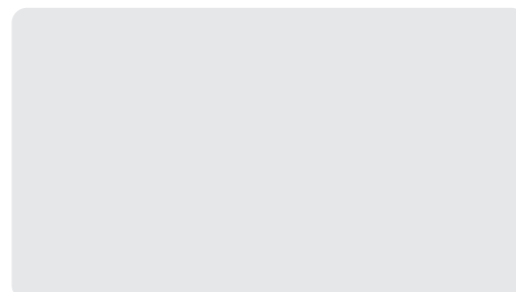
In terms of installation, GCC leaves out the complicated and tedious installation procedures and offers more user-friendly and operability-conveniently products. It not only substantially shortens the installation time but also enhances the working efficiency.

To provide great living experiences to customers, GCC has its QA/QC team to oversee the product with high-standard, and never compromises our product quality, safety and endurances due to market price competition. GCC develops its unique designs and holds patents in many countries. Quality assurance is always the top priority for GCC and we hope through our efforts we can see applications for glass hardware and systems in numerous spaces.

Looking forward, GCC will continue to devote its efforts to developing more user-friendly systems to offer more effortless solutions, and most importantly to provide better living experiences to users.



Agent/ Distributor



GOOD CREDIT CORPORATION

No.13, Longmen Rd., Situn Dist., Taichung 40757, Taiwan

E-mail:gcctw@ms7.hinet.net

TEL: 886-4-22583755 (Hunting Line)

FAX: 886-4-22583753

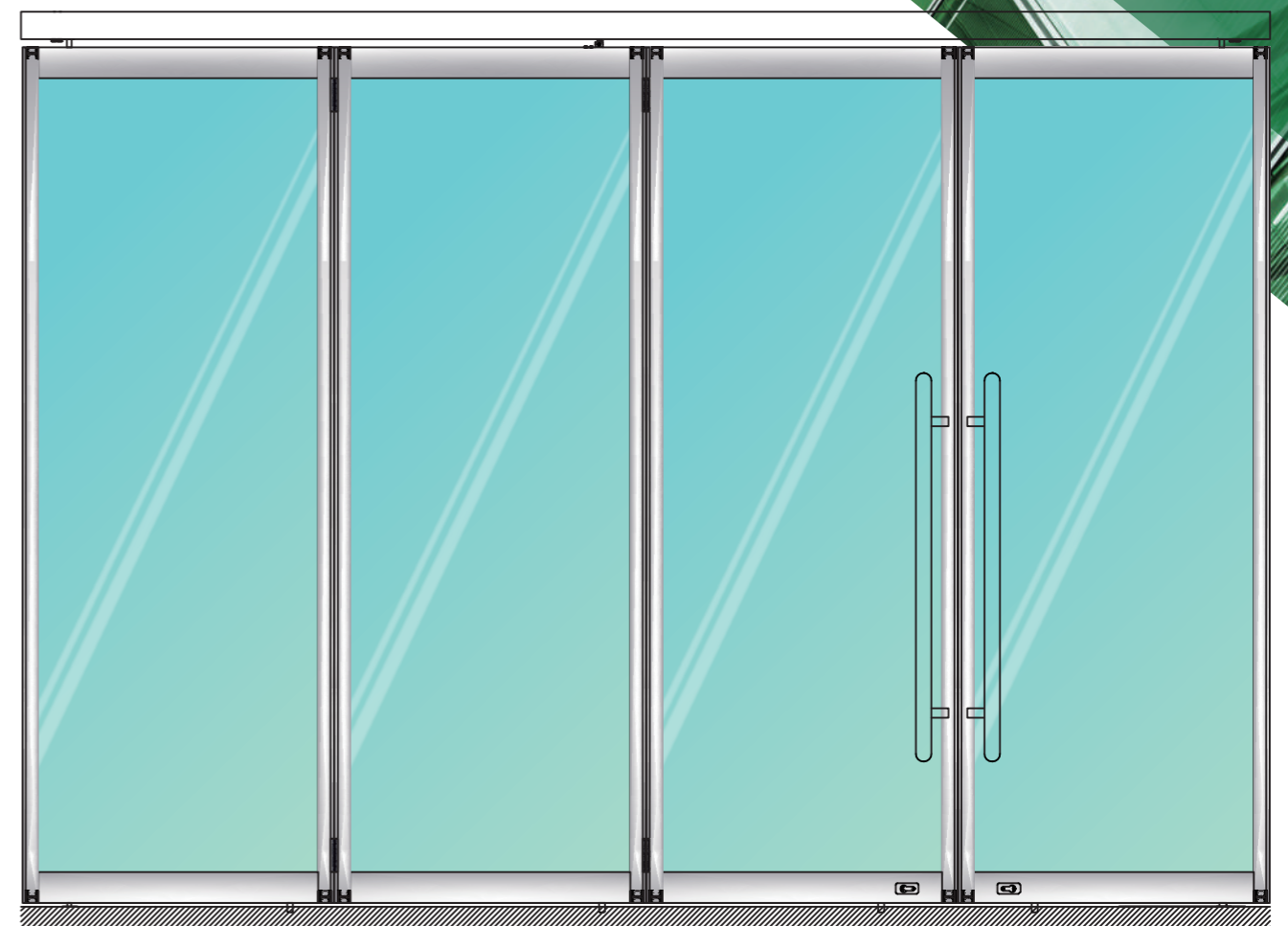
<http://www.gccintw.com.tw>

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GCC®

DGF

Double Glazed Bi-folding Wall System



Concept

The system was inspired by the pine at the Northern Europe, perfectly straight and slim profiles make an elegant addition to your room partition.

With GCC new frame patented design in the system, allow the installers saving much preparation time than before.

This is a perfect system to provide a good view and against the strong wind.

Features and advantages

- New GCC innovative patented design to save your time to assemble the frame.
- Suitable for glass thickness less than 25mm, including the double glazed glass.
- Noise and heat insulation, designed for indoor and outdoor application.
- With this system you don't need to install a bottom track or guide, as it requires minimal effort to move the panel via top track only.
- Recommended to use 12mm toughened glass with this system for the strong wind area.
- New bottom threshold **TH-65** is available to stop the water with the bottom seals.

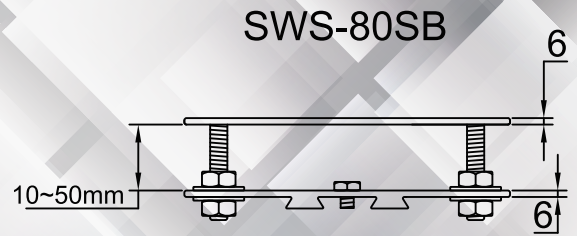
○ Specification

- Max. height per panel : 3000mm
- Max. width per panel :
850mm for roller hanger offset hung type
1000mm for roller hanger center hung type
- Max. weight per panel : 100kg
- Suitable for glass thickness less than 25mm

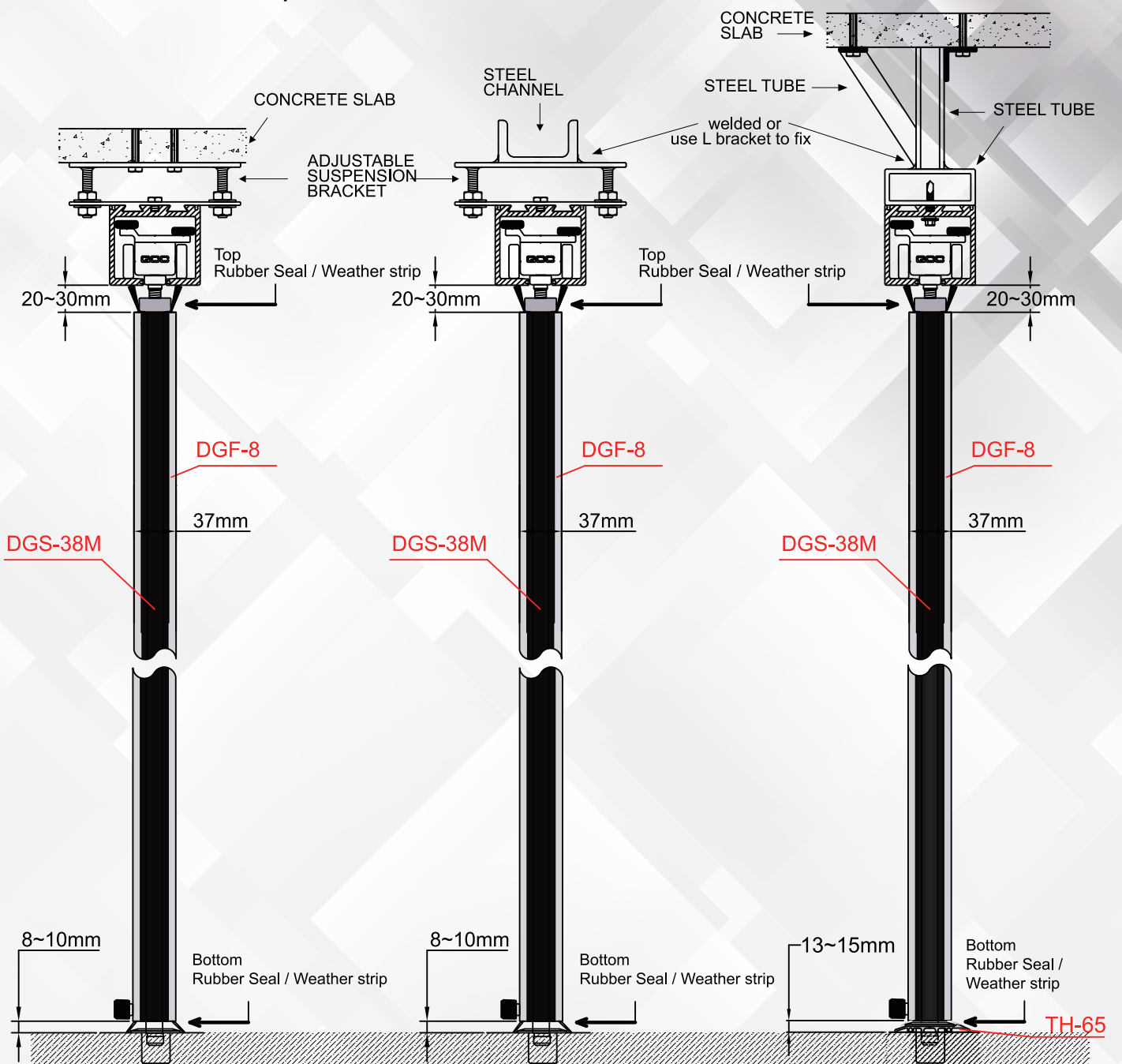
○ Applications

- Balcony
- Shop Front
- Convention Center
- Car Showroom
- Commercial And Domestic Room Division

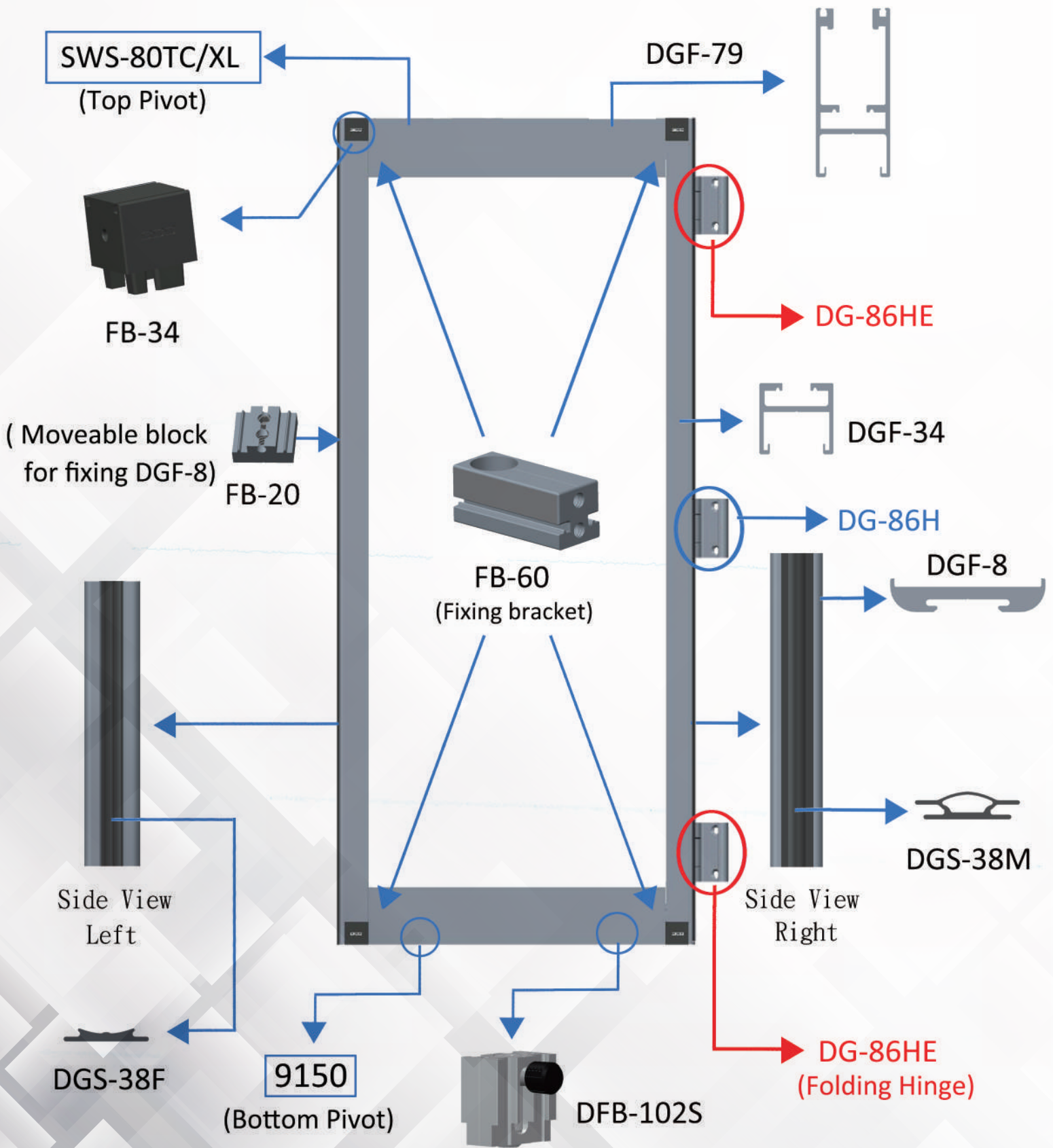
Steel work preparation



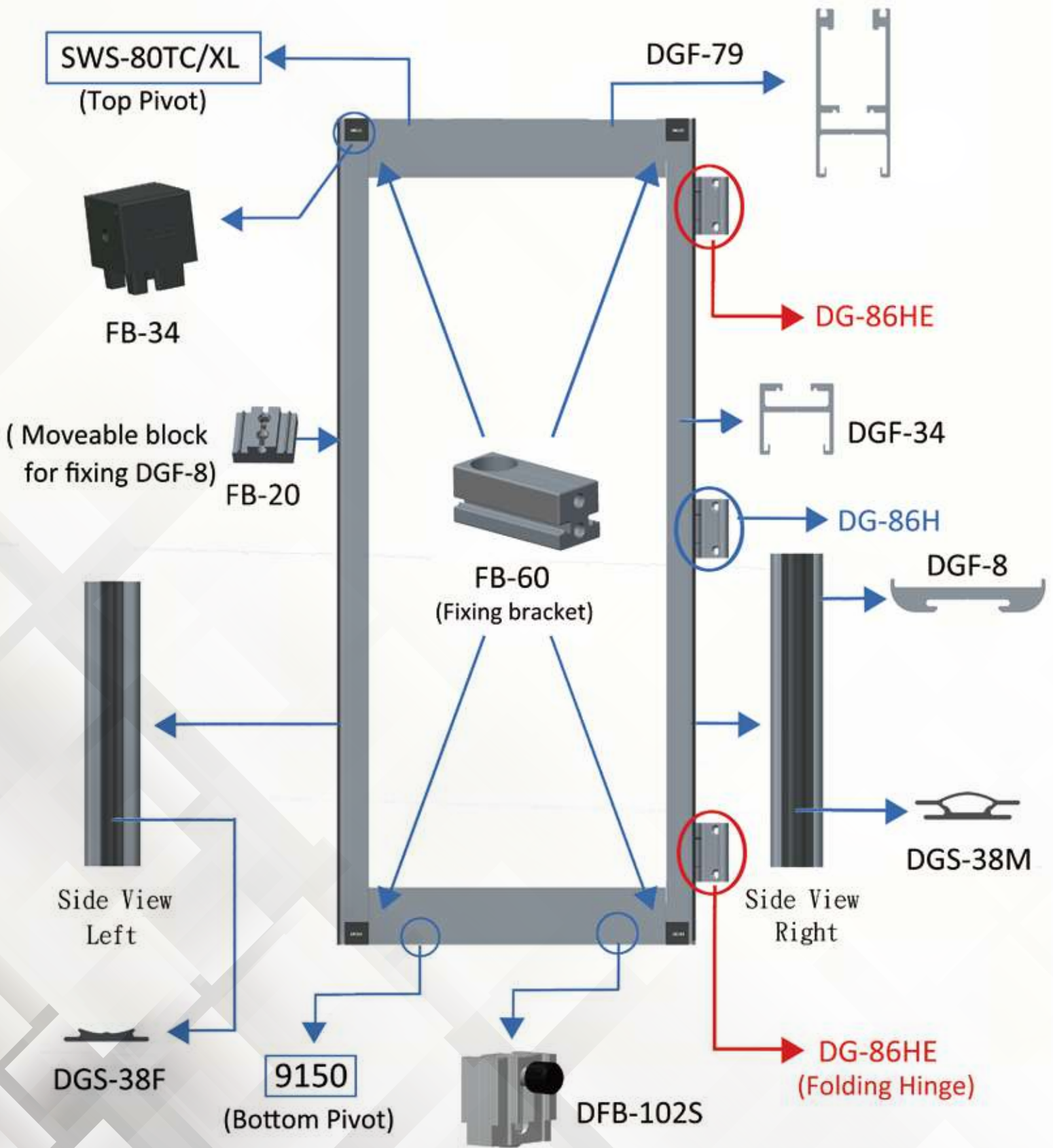
SWS-80SB Suspension Bracket



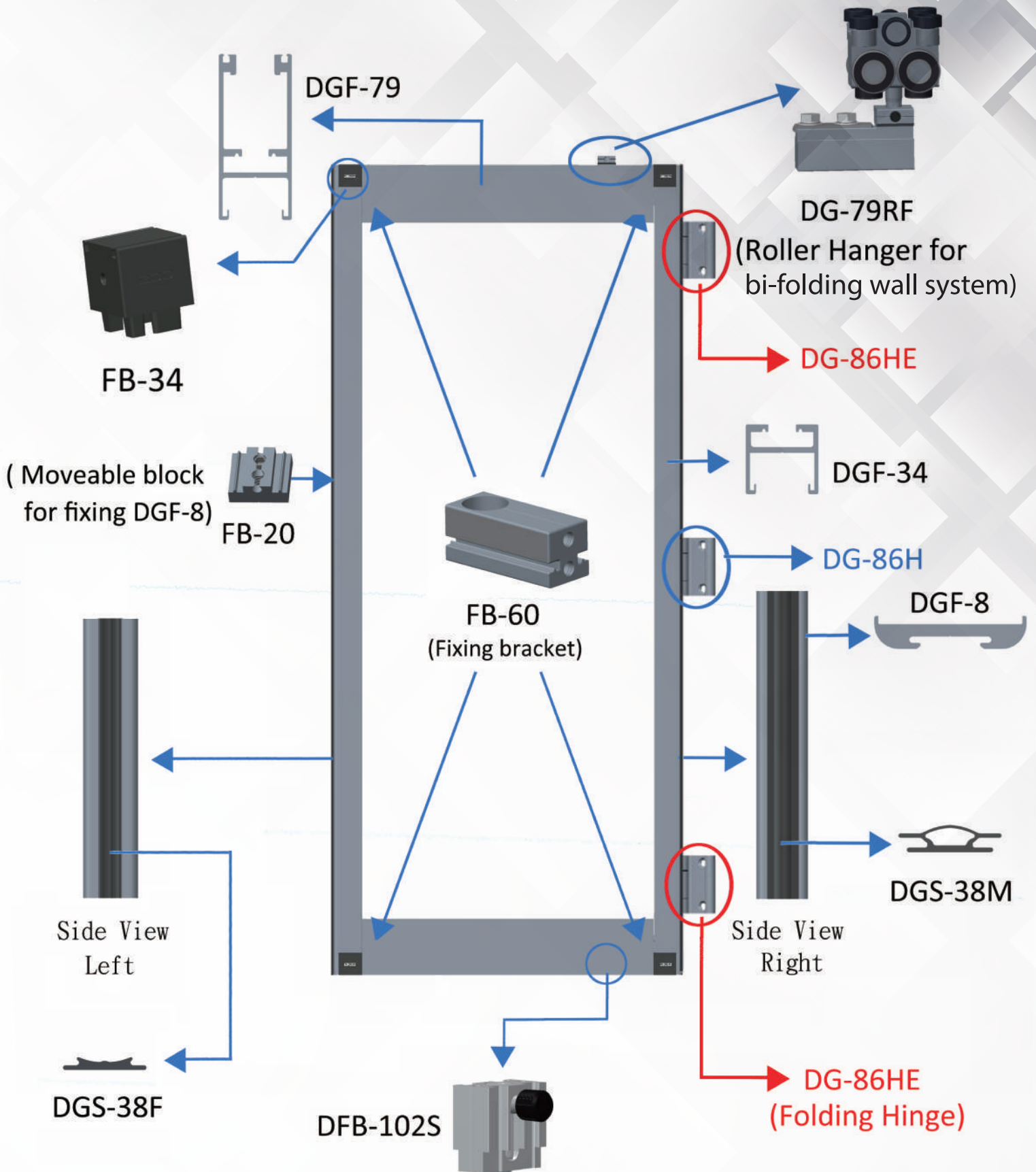
Configuration **pivot panel**



Configuration **pivot panel**

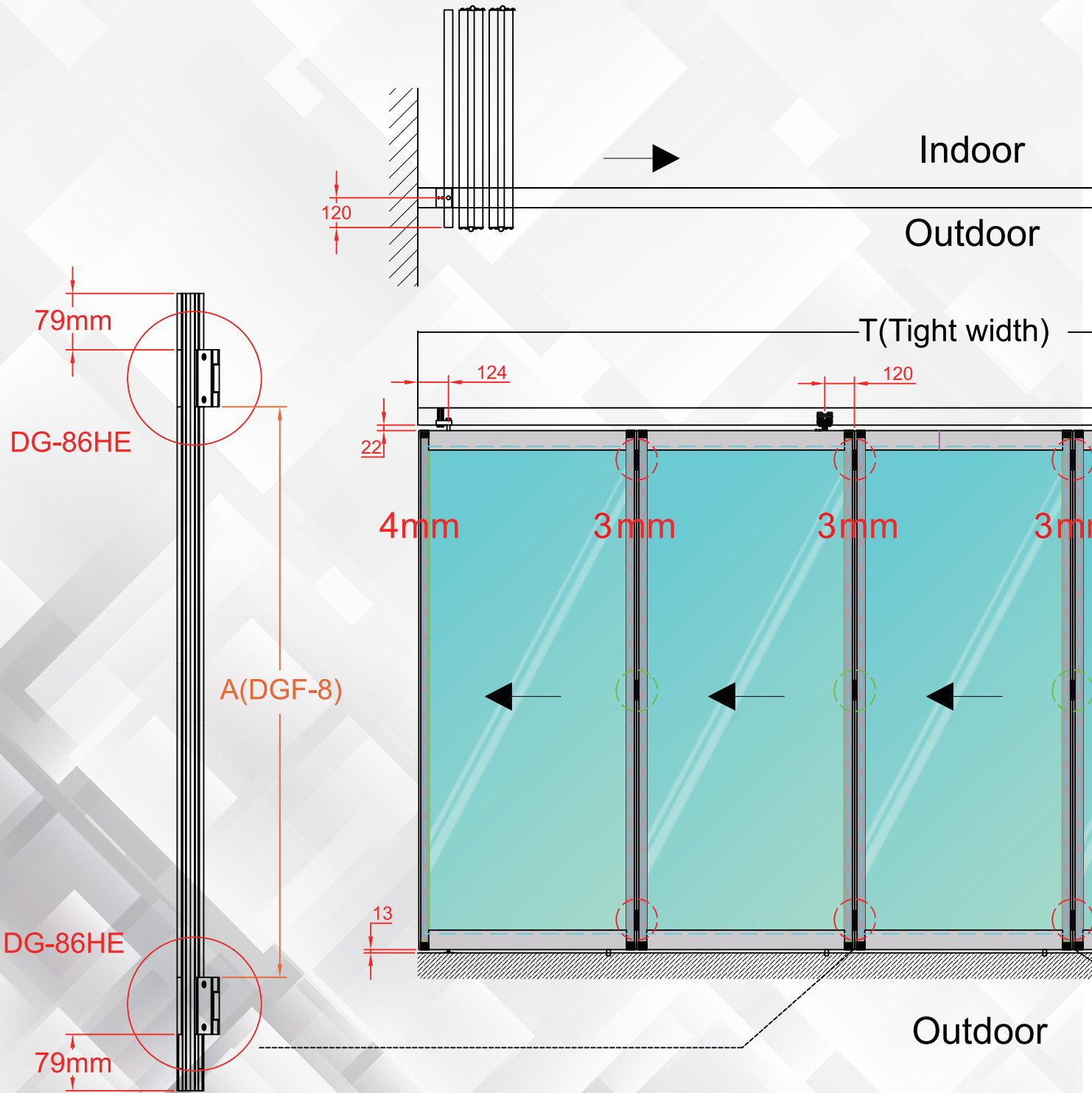


Configuration **sliding panel**



Please find above accessories detail at page 11 and 12.

Frame preparation and panel's size calculation



$A(DGF-8) \text{ Length} = H - 435\text{mm}$

Install two hinges is recommended for panel height less than 2500mm.

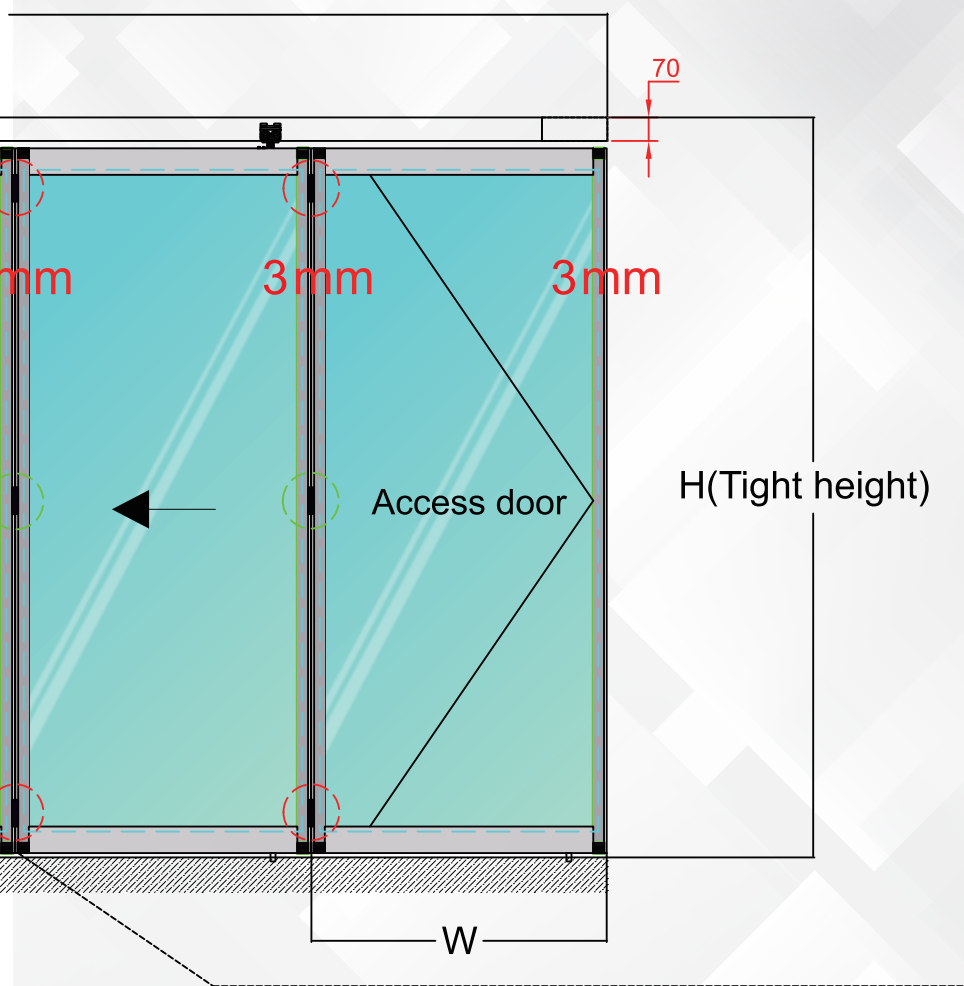
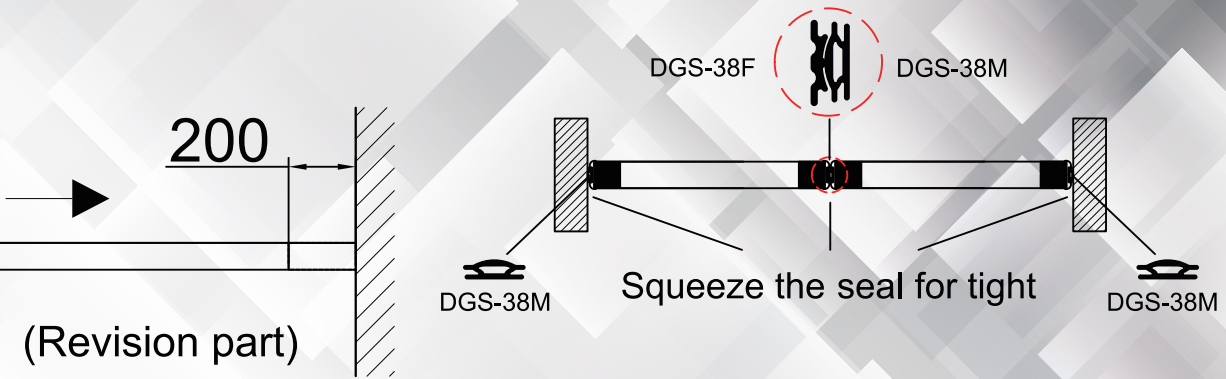
T : Tight width

H : Tight height

W : Panel's width

N : Total panel's quantity

Top View



$$W = \{T - (4\text{mm} + (3\text{mm} \times N))\} / N$$

$$\text{DGF-79 (Length)} = W - 80\text{mm}$$

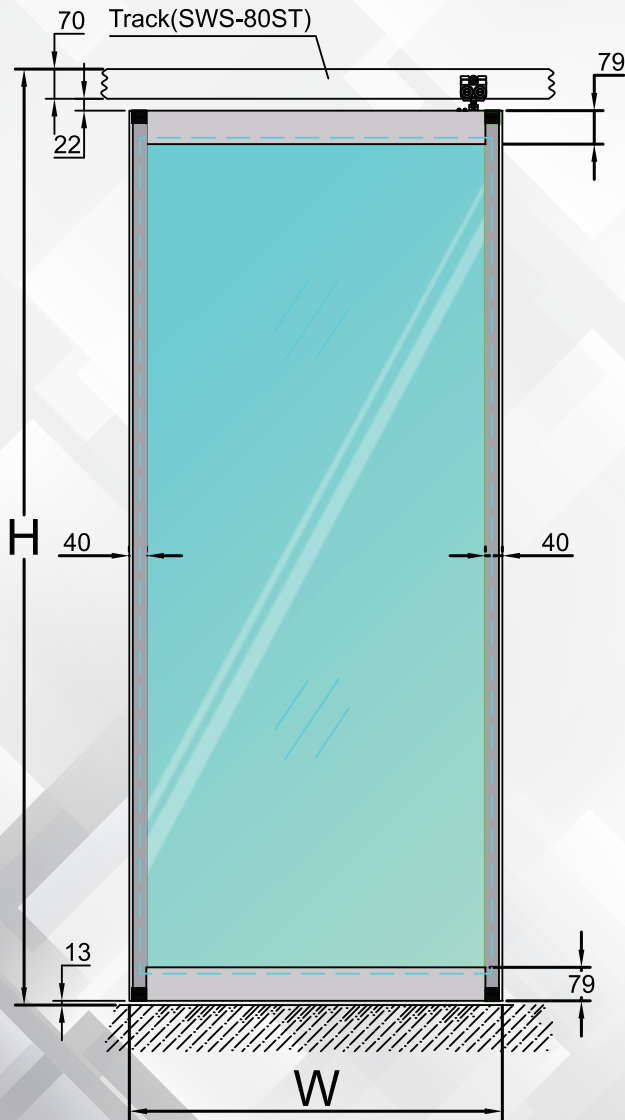
$$\text{DGF-34 (Length)} = H - 70\text{mm} - 22\text{mm} - 61\text{mm} - 13\text{mm}$$

$$\text{DGF-8 (Length)} = H - 70\text{mm} - 22\text{mm} - 13\text{mm}$$

$$A(\text{DGF-8}) \text{ length} = (H - 521\text{mm}) / 2$$

Install 3 hinges is recommended for panel height over 2500mm.

Glass size calculation of DGF system



Setting block thickness = N mm
 Glass height = $H - \frac{70\text{mm}}{\text{Track height}} - \frac{22\text{mm}}{\text{Top gap}} - \frac{13\text{mm}}{\text{Bottom gap}} - 120\text{mm} - (N\text{mm} \times 2)$
 Glass width = $W - 42\text{mm} - (N\text{mm} \times 2)$

Example 1 (with setting block)

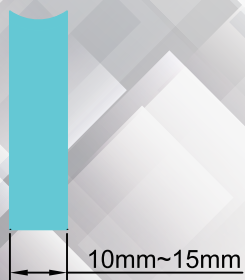
Setting block : 2mm
 Glass height = $H - 70\text{mm} - 22\text{mm} - 13\text{mm} - 120\text{mm} - (2\text{mm} \times 2)$
 Glass width = $W - 42\text{mm} - (2\text{mm} \times 2)$

Example 2 (without setting block)

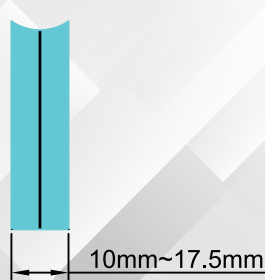
Glass height = $H - 70\text{mm} - 22\text{mm} - 13\text{mm} - 120\text{mm}$
 Glass width = $W - 42\text{mm}$

Suitable with :

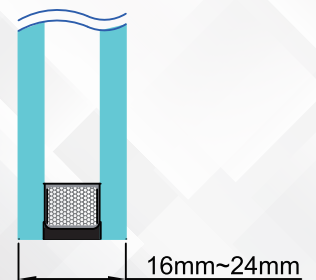
Tempered glass



Laminated glass



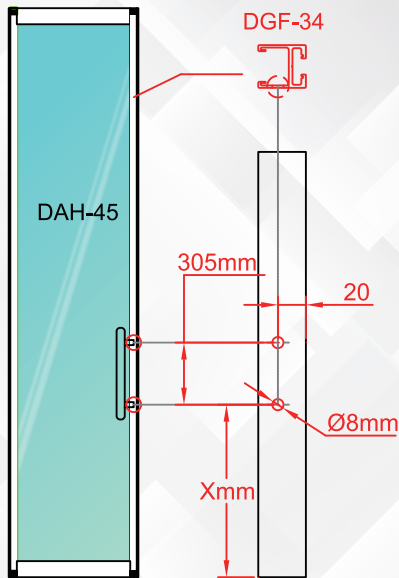
Double glazed glass



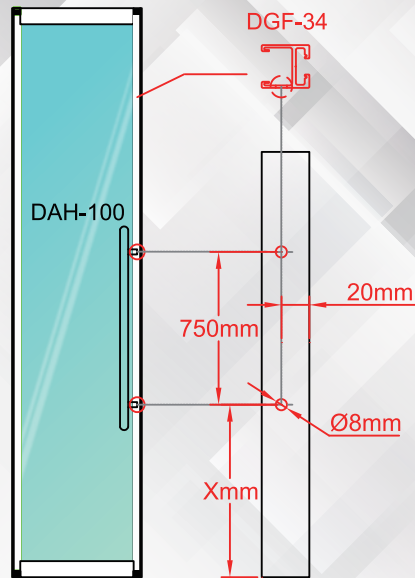
Deflection : double glazed glass > laminated glass > tempered glass
 (with the same or similar thickness to against the strong wind)

Drilling holes on aluminum profiles

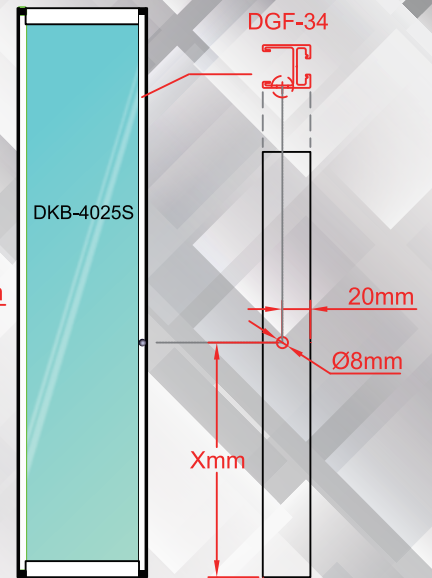
DAH-45



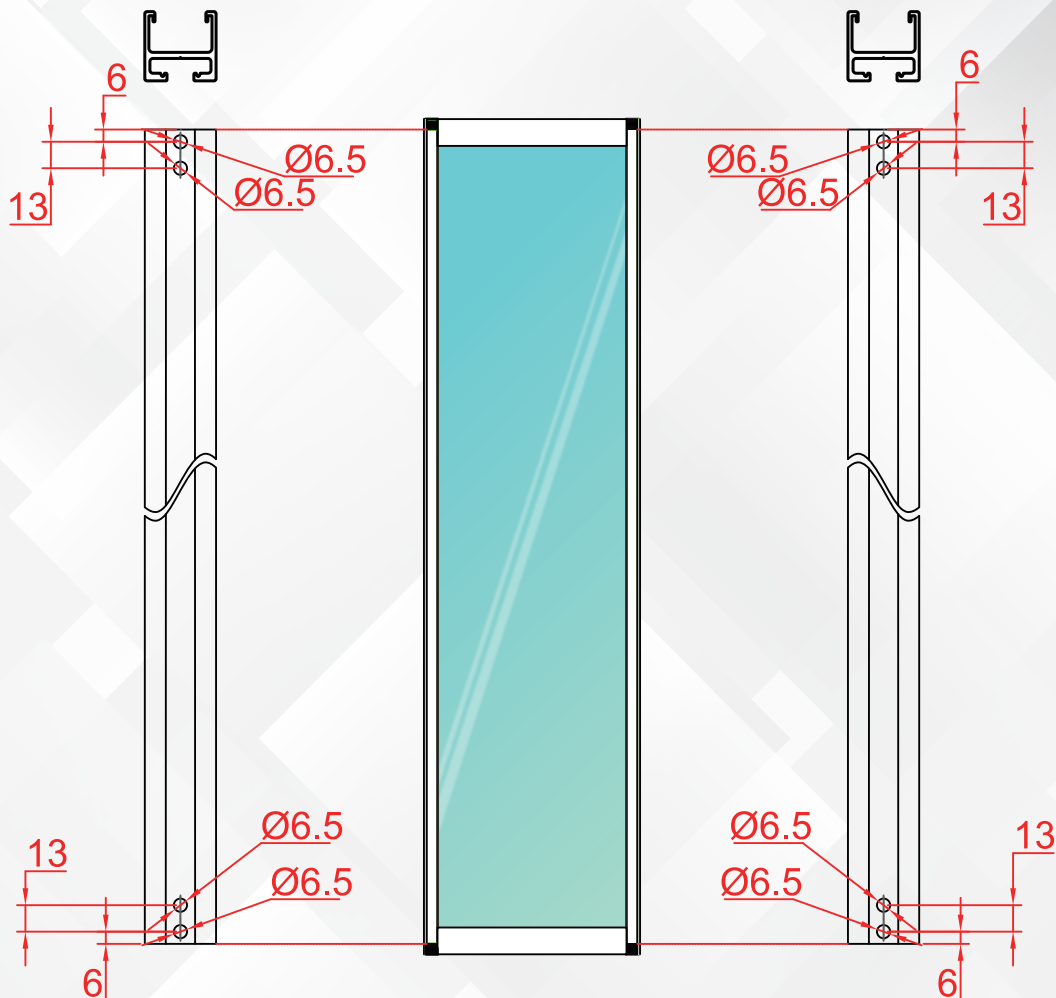
DAH-100



DKB-4025S

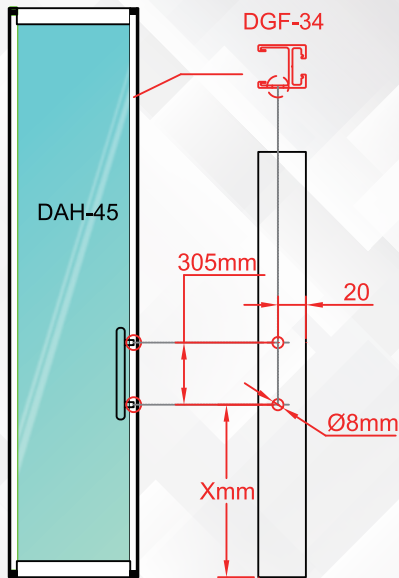


DGF-34 both ends notches

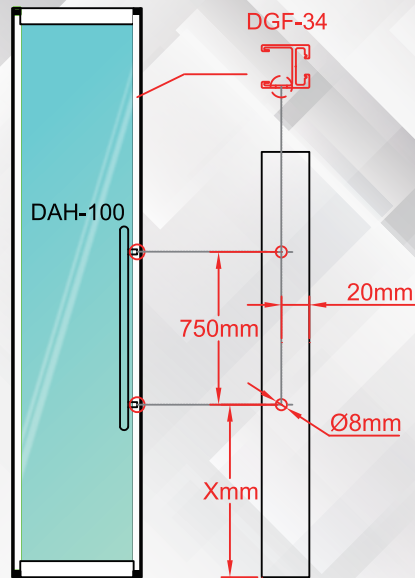


Drilling holes on aluminum profiles

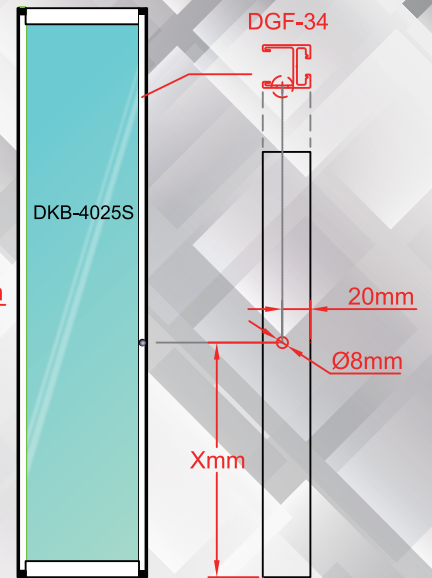
DAH-45



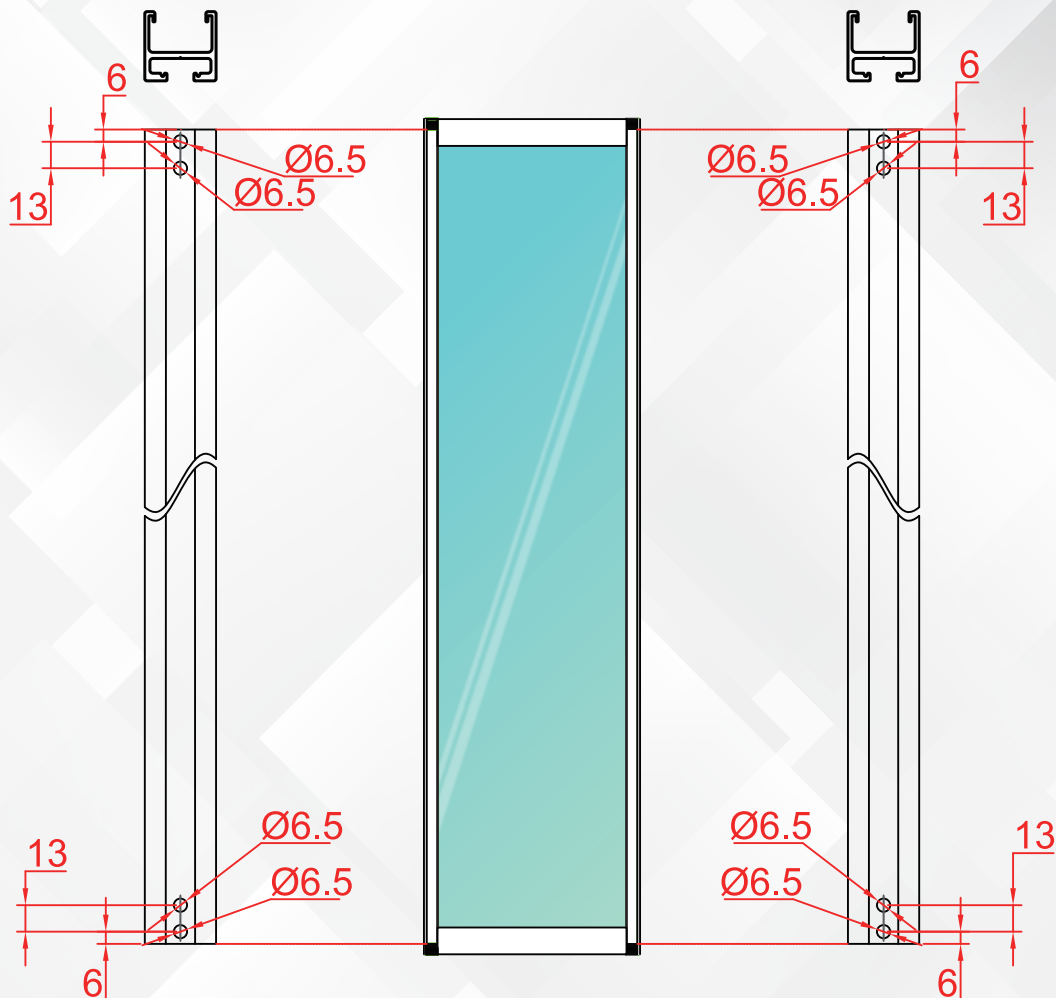
DAH-100



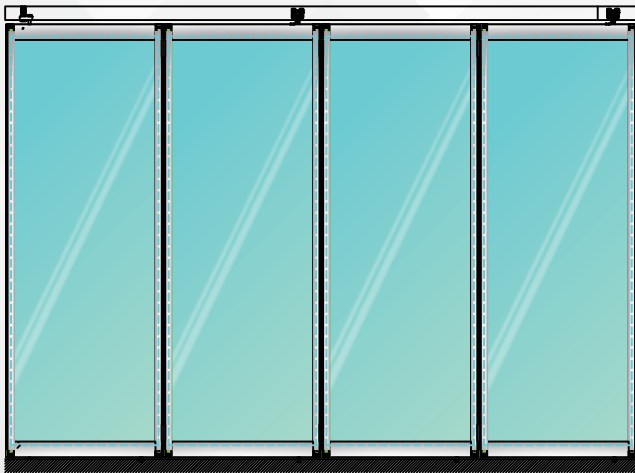
DKB-4025S



DGF-34 both ends notches



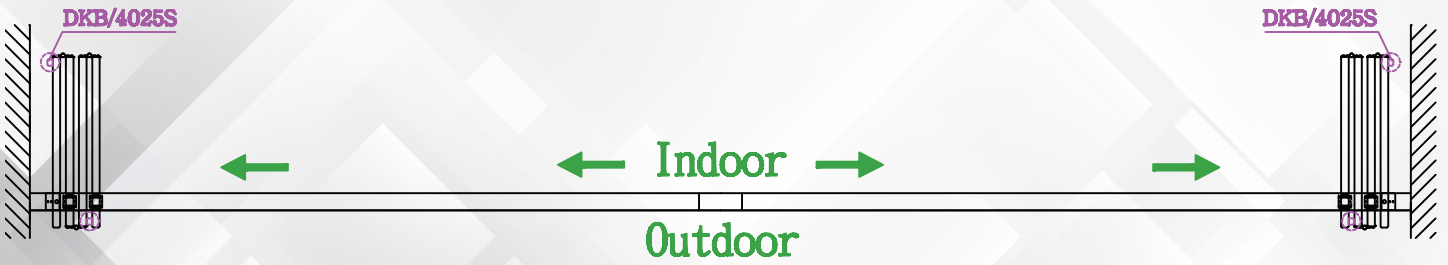
Typical function & applications



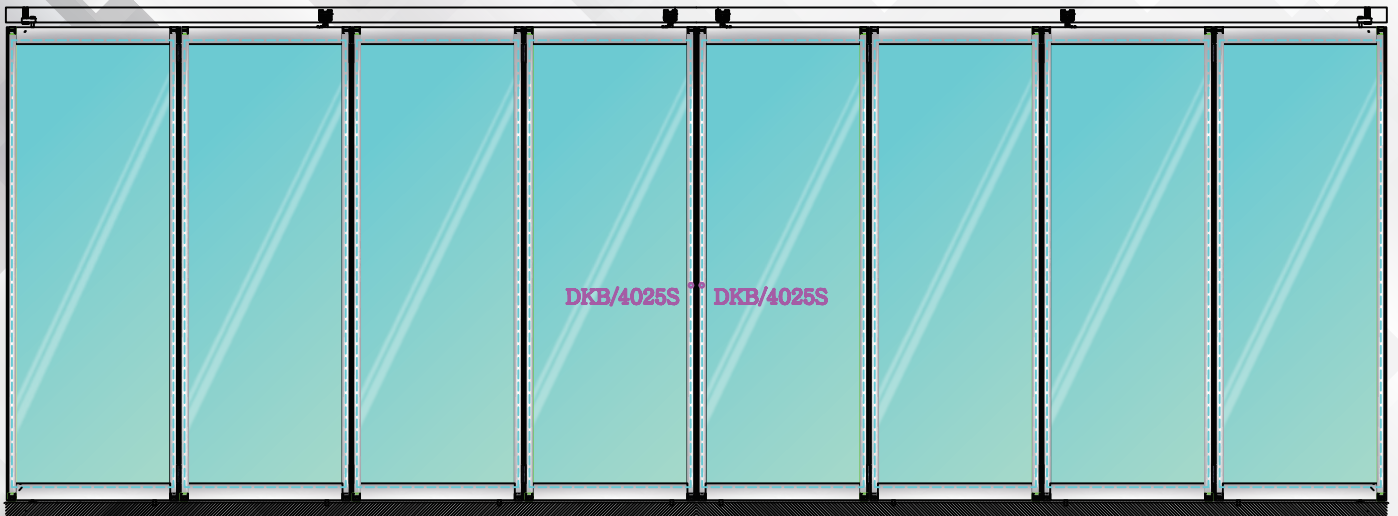
Outdoor



Indoor
Outdoor

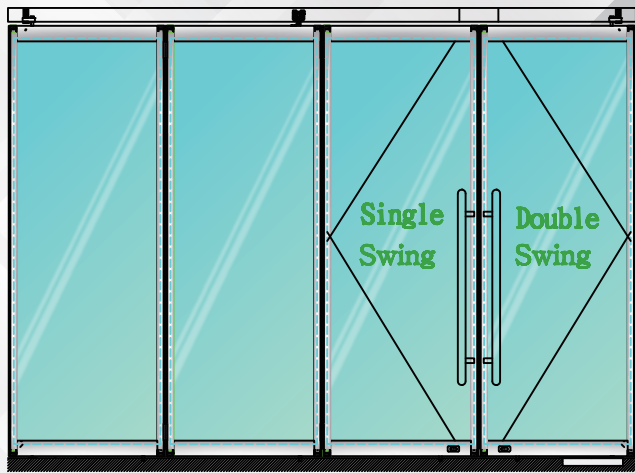


Indoor
Outdoor



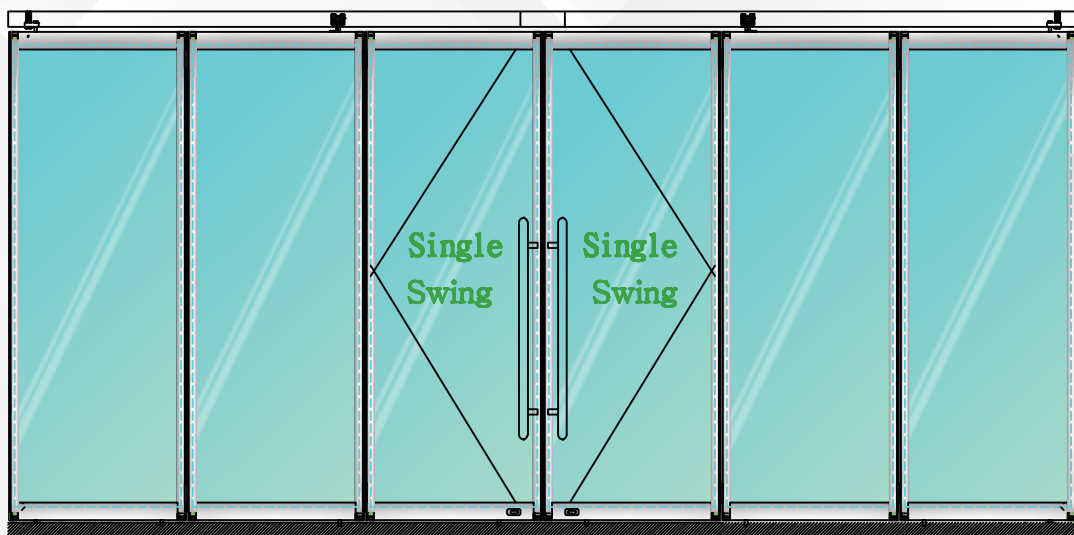
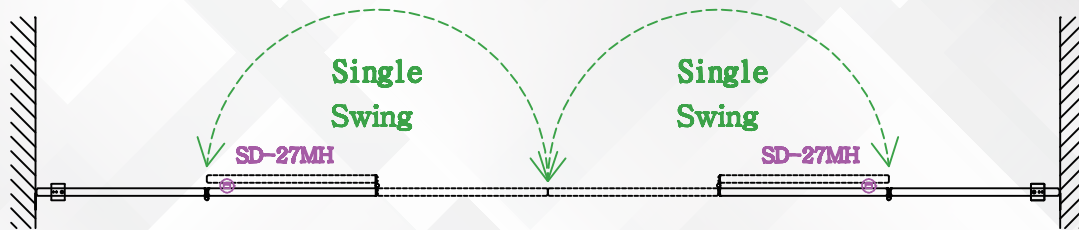
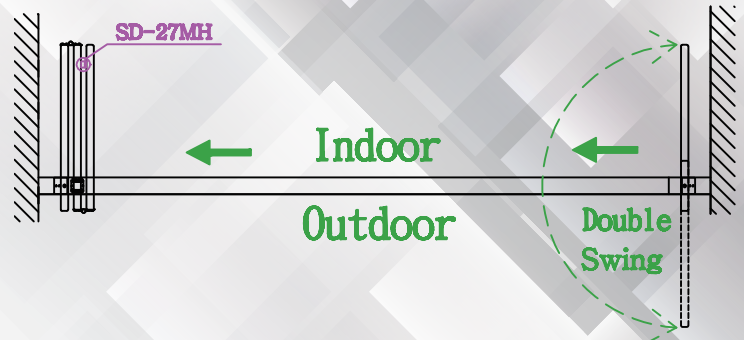
Outdoor

Typical function & applications



Outdoor

- The max. panel width of the end free swing panel is 850mm.



Outdoor

Accessories Of DGF System



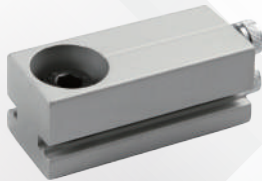
DGF-79
Top and bottom door rail for DGS and DGF system.



DGF-34
Both sides profile for DGS and DGF system.



DGF-8
End cap profile for DGF34.



FB-60
Corner fixing block.



FB-34
End cap for DGF-34 top and bottom in black color or gray color (optional by order).



FB-20
Moving block for DGF-8.



DG-86HE
Folding hinge with 4 pcs. DGF-8 (79mm)



SWS-80TC/XLP
Top center pivot / lower part for DGS and DGF systems.



DG-79RF
Roller hanger for DGF system.



DRL-5025B
Fixed to DGF-79 bottom rail with 9125DR Europrofile cylinder to lock to the floor.



9125DR Europrofile cylinder
Designed for GCC Door Rail system, fixing to DRL-5025B.



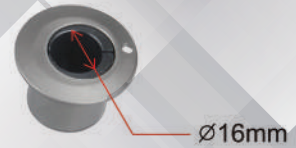
SD-27MH Magnet Holder
Designed for free swing panel.



9123XLP Door Strap
Top and bottom door rail for DGS / DGF system.



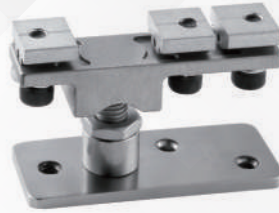
DFB-102S Side Flush Bolt
Fixed to DGF-79 bottom rail for locking to the floor with side knob.



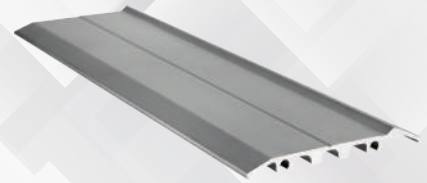
9147/DR Floor Socket
Fixed to floor for DFB-1025 and DRL-5025B. $\varnothing 16\text{mm}$



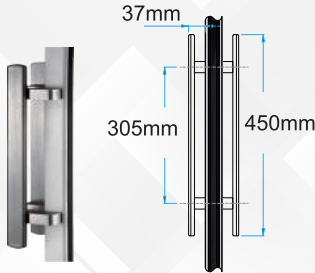
9115 Bottom Free Pivot
SUS304 Floor pivot with bearing.



9150 Adjustable Free Pivot
Fixed to floor with a special arm for the pivot panel.



TH-65 Bottom threshold
Special wheel chair friendly designed bottom profile to stop water and dust.



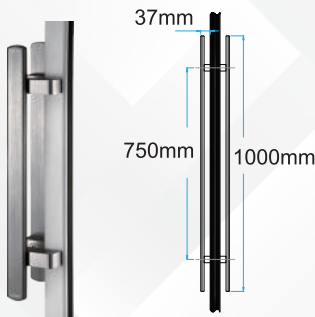
DAH-45 Door Handle
Designed for DGS and DGF system.



DKB-4025S Door Knob
Designed for DGS and DGF system.



SWS-80EST End Stopper
For DGS and DGF system.



DAH-100 Door Handle
Designed for DGS and DGF system.



Weather Strip
Fix to DG-79 door rail to keep the dust out.

SQ 50 (25mm Brush)
SQ 50S(10mm Brush)
150 meters /per roll



Rubber Strip
Fix to DG-79 door rail to keep the dust out and the air-condition in.

RS-1050(10mm Rubber)
RS-1550(15mm Rubber)
RS-2050(20mm Rubber)
RS-2550(25mm Rubber)
50 meters/per roll
Color:Black or Gray



DG-38M
Male rubber seal for DGF-8.



DG-38F
Female rubber seal for DGF-8.



SP-02/SP-03
Adhesive spacer thickness 2mm/3mm.

Worldwide projects



