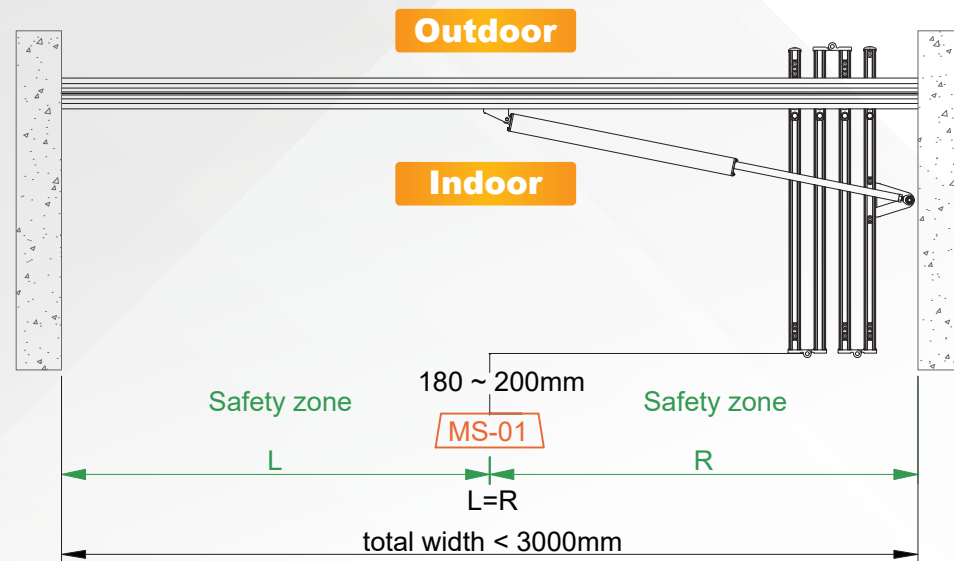
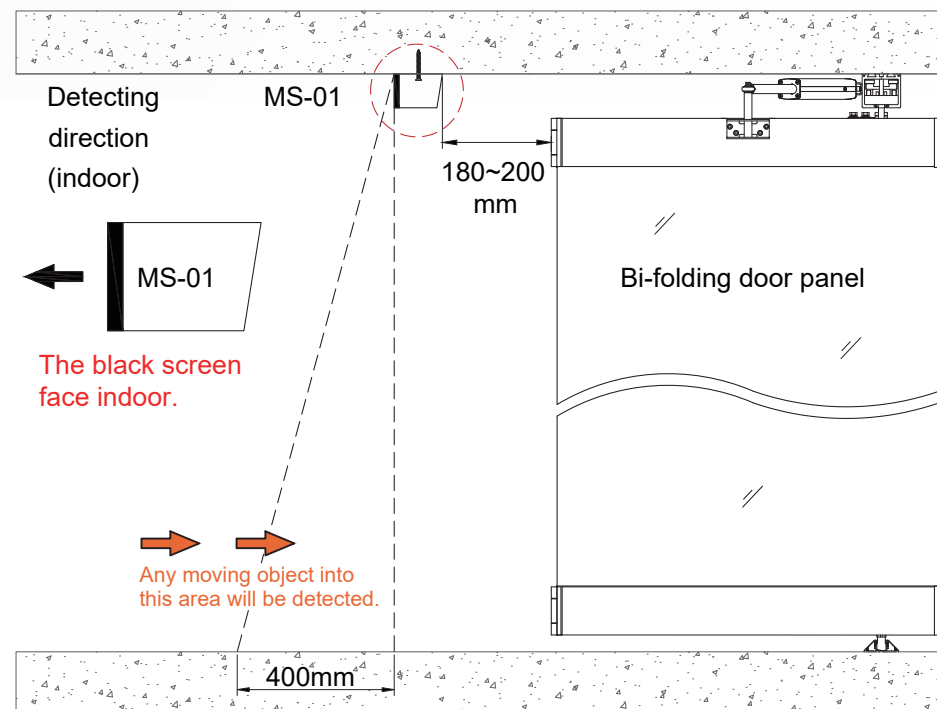


# How to install the **MS-01** safety sensor to avoid finger trap?

- The MS-01 has to be installed **at the center** of the clear opening width and keep a min. distance **180mm** from the panels.



- The detecting panel (black screen) of the MS-01 **has to face indoor**.



For more details, please refer to **GCC** SFW-DR/AUTO installation manual, or contact **GCC** for more technical support.

**GCC**<sup>®</sup>

# Automatic Bi-folding Door System

**SFW-DR/AUTO** top and bottom rails type



**GOOD CREDIT CORPORATION**

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

E-mail:gcctw@ms7.hinet.net TEL: 886-4-22583755 ( Hunting Line )

http://www.gccintw.com.tw FAX: 886-4-22583753

Agent / Distributor

# GCC Automatic Bifolding Door System



## Features

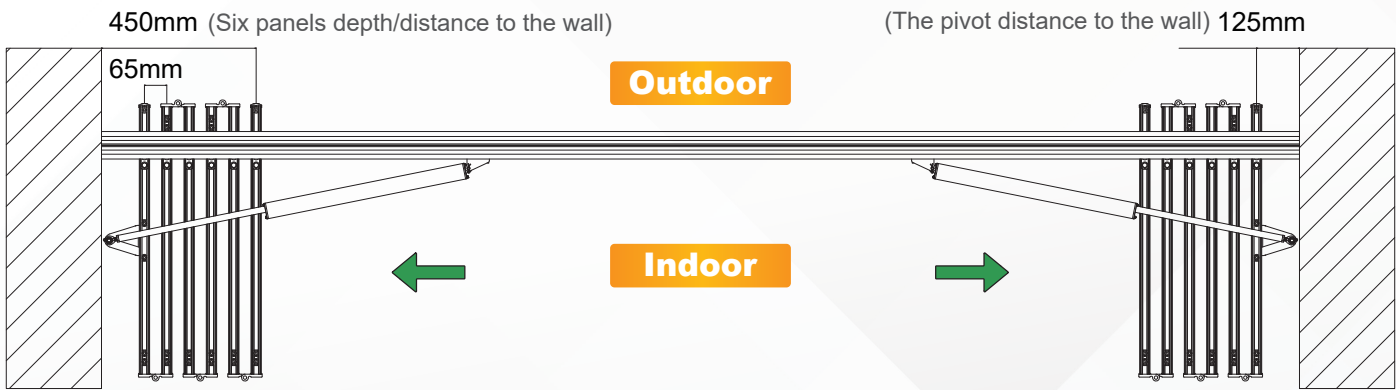
- The system is with safety motion sensors to prevent finger trapped.
- Minimum maintenance is required.
- Easy installation with the operation noise less than **50dB**.
- **Anti-copy** remote controls with a locking function are available by order.
- Suitable for interior and exterior movable partition wall use.
- The system has passed a 50,000 cycling test.

## Specifications

GCC heavy duty electric cylinder <b>GH-EC01</b>			
Max. load	800N, 80kgf	Ingress Protection	IP 54 (customized IP66 is available by order)
Voltage	24VDC	Current	0.45~1.2A
Speed	12mm/s	Stroke length	400mm

- ♦ Max. panels' width with the **offset hung** roller carriages: **850mm**  
Max. panels' width with the **center hung** roller carriages: **1100mm**  
Max. panels' height: **3000mm**  
Max. panels' quantity in one unit: **6 panels** (recommended)  
(For 12 panels can be separated to six panels at left and six panels at right side)
- ♦ The door panel's quantity in one unit has to be **2/4/6 panels** in **even multiple**.
- ♦ If the total panel's quantity is in odd multiple such as **3/5/7 panels**, an extra independent single/double swing panel is required **at opposite side**.
- ♦ **The system is designed for inward folding.**

Top view of the SFW-DR / **AUTO** system



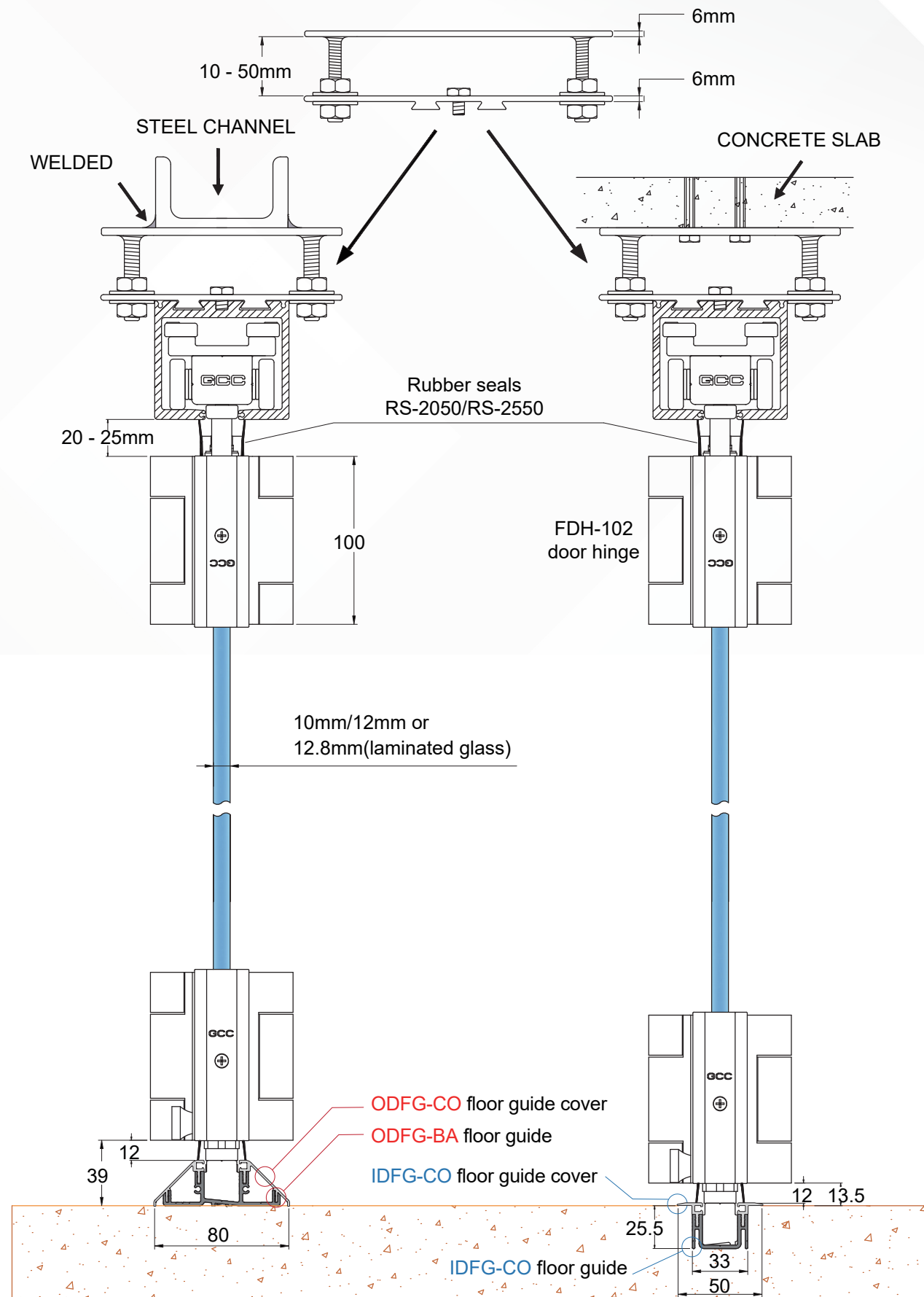
## Applications

- Garage door
- Shop front
- Office partition
- Car showroom
- Restaurant
- Museum
- Conference room
- VIP room

# Top And Bottom Construction with

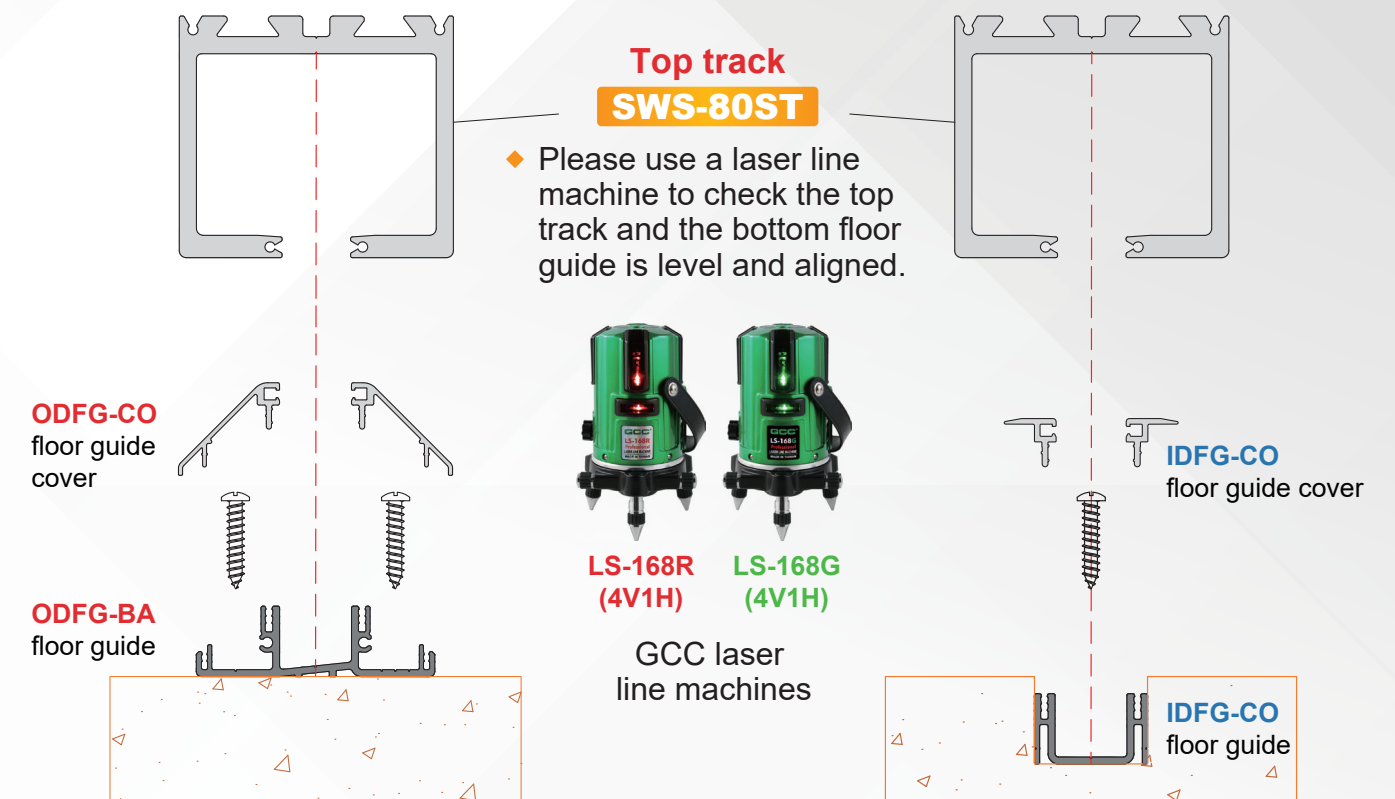
Indoor / **Outdoor** Floor Guides' Applications

**SWS-80SB** Adjustable Suspension Bracket

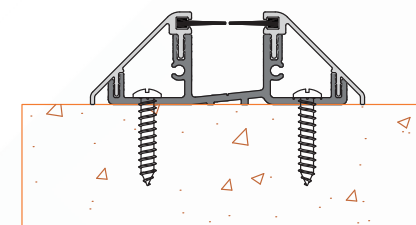


## The Differences

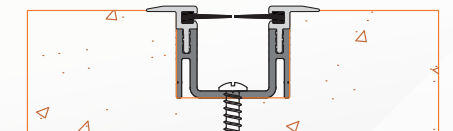
between the indoor use floor guide and the front door use floor guide



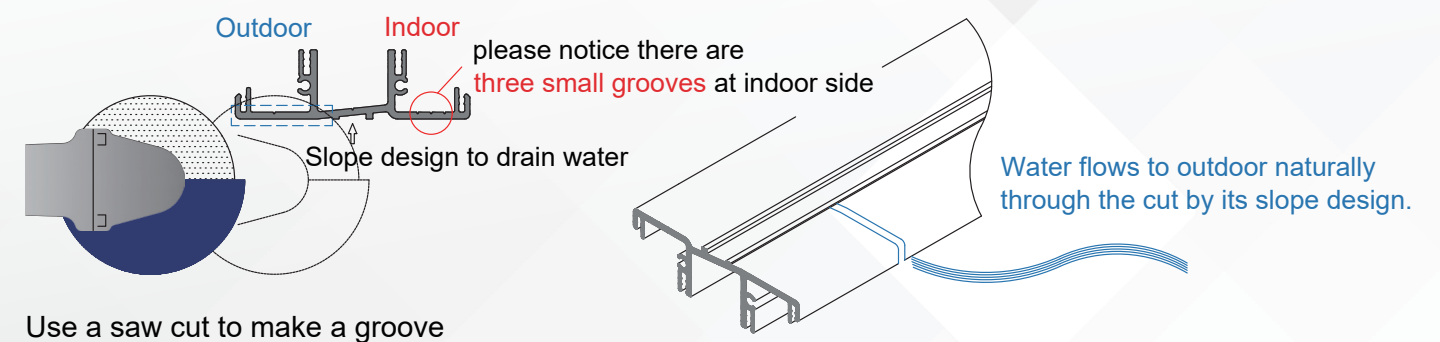
- ◆ Suitable for **front door** projects to block water.
- ◆ After assembling floor guide covers and rubber seals(RS1050) to seal a gap.



- ◆ Suitable for **interior door** partitions as the floor guide can be flushed to floor level.
- ◆ After assembling floor guide covers and rubber seals(RS1050) to seal a gap.



### How to drain water out from the ODFG-BA floor guide?

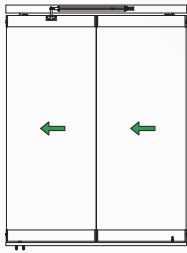




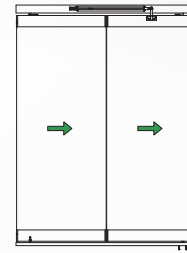
# Applications

with the total panel's quantity in **even multiple(2/4/6)**

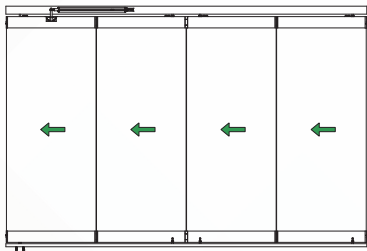
**2 panels** folding inward



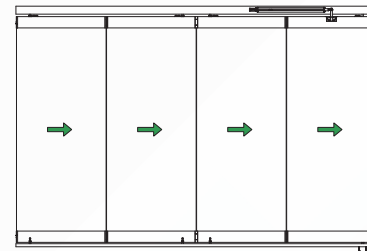
**2 panels** folding inward



**4 panels** folding inward



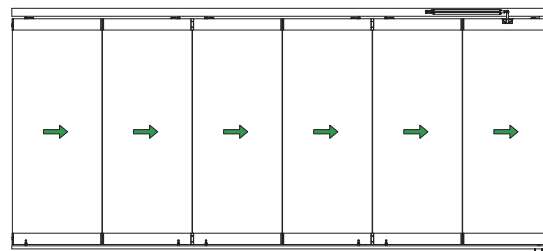
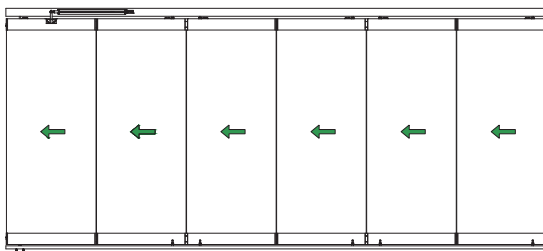
**4 panels** folding inward



**6 panels** folding inward



**6 panels** folding inward



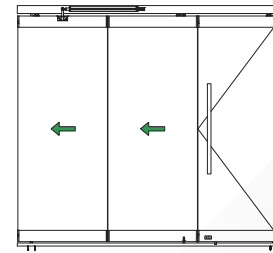
Left parking

Right parking

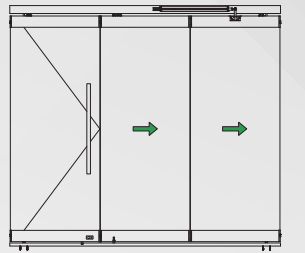
# Applications

with the total panel's quantity in **odd multiple(3/5/7)**

**3 panels** folding inward

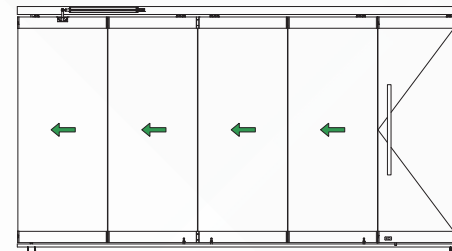


**3 panels** folding inward

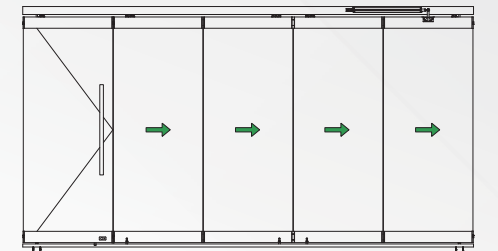


If the total panel's quantity is in **odd multiple**,  
an independent swing panel is required  
on the opposite side.

**5 panels** folding inward



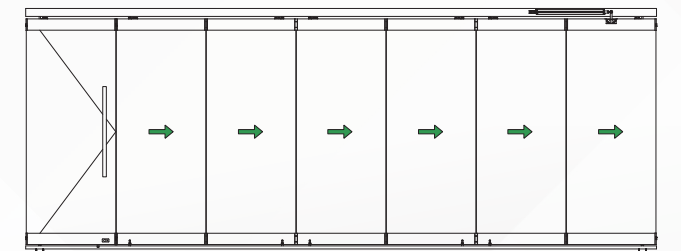
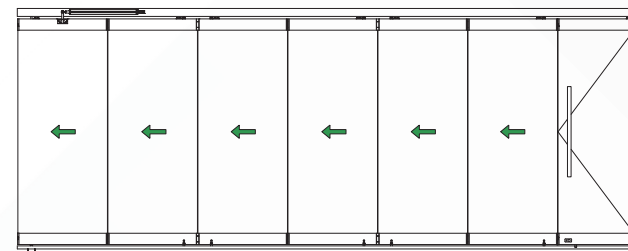
**5 panels** folding inward



**7 panels** folding inward



**7 panels** folding inward



Left parking

one  
swing panel

one  
swing panel

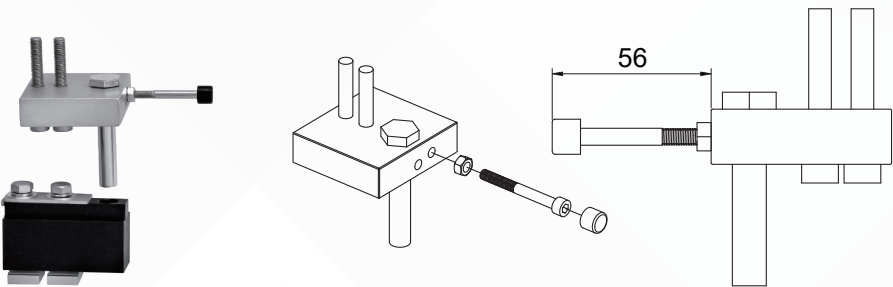
Right parking

Purchasing Step 1

# SFW-DR/AUTO

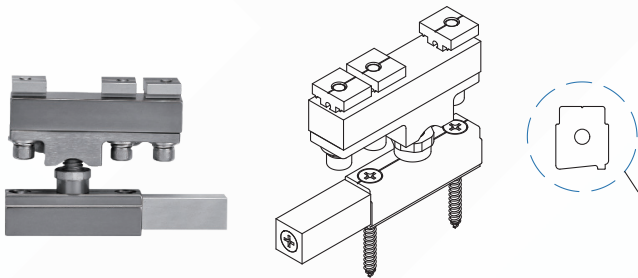
system package components list

**SWS-80TC/LP\_AUTO** top pivot x 1 set

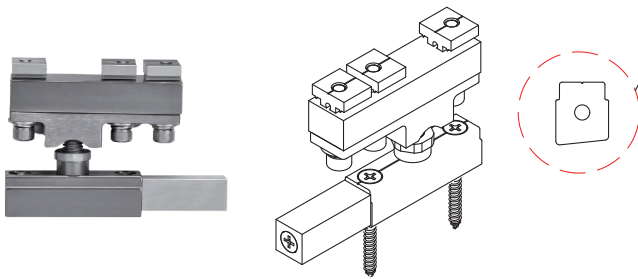


**9150AUTO-ID** bottom free pivot (for IDFG-BA floor guide use) x 1 set

Choose one only for each bi-folding door set.



**9150AUTO-OD** bottom free pivot (for ODFG-BA floor guide use) x 1 set



with different designs

**GH-EC01** Heavy duty electric cylinder x 1 piece

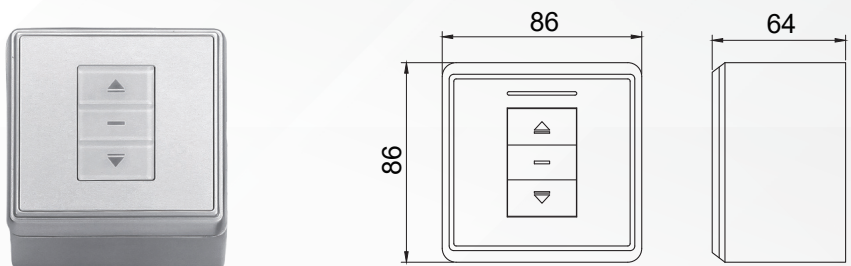


**CFS-01** Connecting fittings set for SFW-DR/AUTO system

- Connect the pivot panel top profile and the GCC GH-EC01 heavy duty electric cylinder to the top track.



**CTP-01** main controlling pad with a wall fixing socket



**CRM-01AUTO** Remote control (2 pieces in a set)

- For connecting to CTP-01.



**AC Power cord**

- 3P16AWG-1.8M AC Power cord



**MS-01** safety motion sensor x 1 piece

- This item is available for purchasing individually with the extra amount.



Above eight items will be packed in a box as a **package**.

## Purchasing Step 2

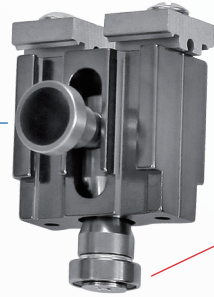
# The SFW-DR/AUTO

system components you have to purchase separately

### DFB-102AUTO bottom flush bolt with a stainless steel bearing

- ◆ The total ordering amount is : one set bi-folding door panel's quantity - one piece

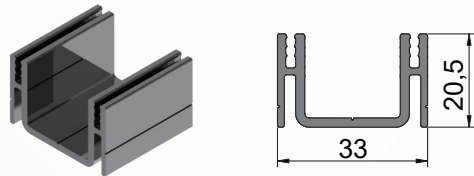
Safety pull-spring design for anti-lifting



A stainless steel bearing to keep the door moves smoothly and against the rust.

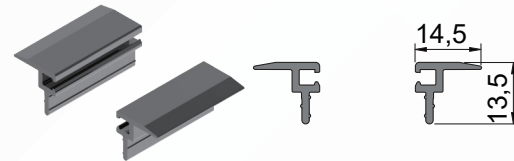
### IDFG-BA indoor use floor guide

- ◆ Standard length in stock is 3000mm/pc.
- ◆ Finish : Matt Black(MBK)



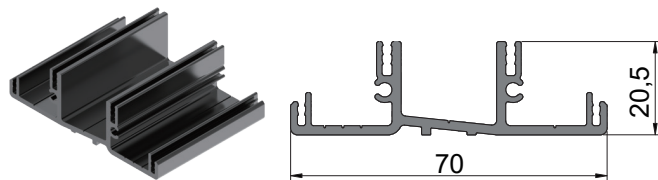
### IDFG-CO floor guide cover for IDFG-BA floor guide

- ◆ Standard length in stock is 3000mm/pc.
- ◆ Finish : Matt Black(MBK)



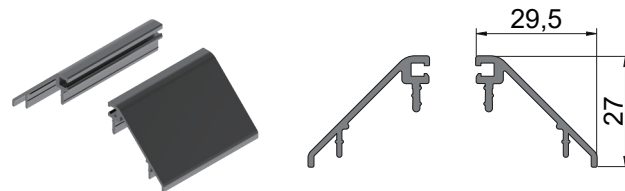
### ODFG-BA exterior door use floor guide

- ◆ Standard length in stock is 3000mm/pc.
- ◆ Finish : Matt Black(MBK)



### ODFG-CO floor guide cover for ODFG-BA floor guide

- ◆ Standard length in stock is 3000mm/pc.
- ◆ Finish : Matt Black(MBK)



### RS-1050 10 mm height Rubber strip

### RS-1550 15 mm height Rubber strip

### RS-2050 20 mm height Rubber strip

### RS-2550 25 mm height Rubber strip



50 meters / per roll

### Rubber Strip

- For DR-102 door rail use to seal the top and bottom gaps.
- For IDFG-CO and ODFG-CO floor guide covers use to seal the floor guide gap and block dust.

## Purchasing Step 3

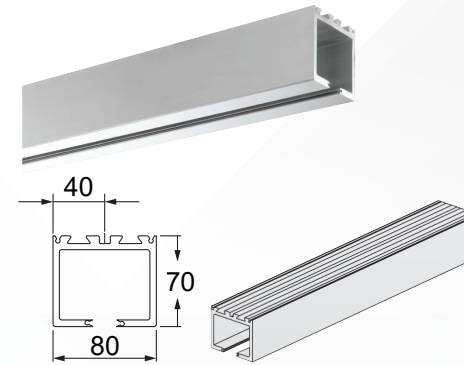
# The SFW-DR system components

you have to order to complete the automatic SFW-DR/AUTO system

### SWS-80ST

#### Sliding Track

- ◆ 3 meters length / pc. in stock.



### SWS-80CNP

#### Connecting Pin

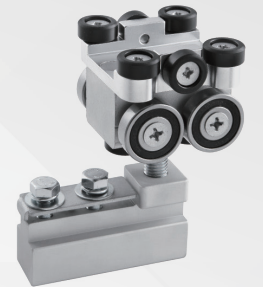
- ◆ For connecting both sliding tracks to level & straight.



### FRH-102

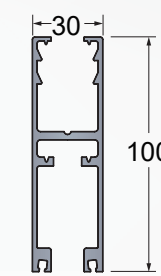
#### Folding Door Roller Hanger

- ◆ Fix in DR-102 door rail for sliding / bi-folding door panels.



### DR-102

- ◆ Main frame section for both top and bottom rails.
- ◆ Standard length in stock is 3000mm/pc.
- ◆ Standard finish : Matt Silver(MS)
- ◆ Special length/finish are available by order



### FDH-102

#### Folding Door hinge with fixing blocks.



### EC-102PAA

#### End Cap

- ◆ For regular DR-101 DR-102 door rail both end use.

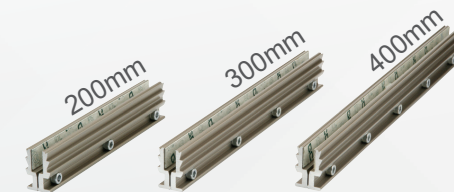


B/G : Industrial Plastic Black(B) or Gray(G) colors.

## GCC Door Rail And Glass Clamp System

Please refer to GCC Door Rail brochure for more fixing details.

### For 10mm glass



IC102-1020 IC102-1030 IC102-1040

### For 12mm glass



IC102-1220 IC102-1230 IC102-1240

### For 12.8mm laminated glass



IC102-1320 IC102-1330 IC102-1340