

SWING DOOR

Standard Series: SCP-5 / SCP-3

Airtight Series: SCG-1 / SCG-3

Light weight Model: LWP-3

Aluminium Model: AL-3

Smart design Model: SMT

Eco Series : SCPR-3 / SCGR-3

Insulation Series: FCG-1 / FCG-3

Wind resistant Series : V-hinge series

Forklift usage: SN-1

Counter door usage: MP-1a / MP-2



MADE IN JAPAN

Superior Function
Smooth traffic
Exceptional durability

High functional and durable

SCP Series

Door
Thickness **21** mm



Example of use at a supermarket

Simple and robust, Our reliable standard model

Consists of high strength lumber core that is resistant to warping and distortion.

SCP-3 employs stainless steel as a surface material and SCP-5 utilizes a combination of aluminium on its upper body and high strength stainless steel on lower body.



SCP-5

Aluminium alloy and Stainless steel surface



SCP-3

Full Stainless steel surface

RECOMMEND

Best used in supermarkets,
also suitable in convenient stores and restaurants.

OPTIONS



Double windows

Indispensable option especially in supermarket, as this allows people to easily detect what's beyond the door, including small children through the lower window



Hand Plate

It helps to maintain clean and fine aesthetics by preventing finger prints and marks to be left on the door. (Black, White, Grey)

Highly air-tight

SCG Series

Door
Thickness **21** mm



Example of use at a supermarket

Sealing gaps to improve air-tightness and resistance to dust and insects.

The gasket seals gaps between the door and the frame preventing leakage of air flow from or into, hence improving the air-conditioning efficiency. Consists of high strength lumber core that is resistant to warping and distortion. SCG-3 employs stainless steel as a surface material and SCG-1 utilizes a combination of aluminium on its upper body and high strength stainless steel on its lower body.



SCG-1

Aluminium alloy and Stainless
steel surface



SCG-3

Full Stainless steel surface

RECOMMEND

Best used in supermarket,
also suitable in restaurants and food factories.

OPTIONS



Bumper Strip : D-shape

To protect the door from
damages caused by such as
trolleys.



Colored sheet

To suit the concept of your
stores, you can chose from a
wide range of colored and/or
textured sheet to be applied
to the surface of the door.

Plenty more different colors are available.

Light weight

LWP-3

Door Thickness **1.6** mm



Example of use at a convenience store

Lightweight operation feeling with single layer aluminium door panel

Special Aluminium Alloy is used for exceptional hardness and its spring-like elasticity. It is light yet extremely strong, and highly corrosion and impact resistant, withstanding impacts from such as trolleys, leaving no concerns for bending or distortion of the material.



LWP-3

Full Aluminium Alloy surface.

RECOMMEND

Best used in supermarket, also suitable in restaurants and food factories.

OPTIONS



Acrylic window (One-way mirror)

As the store side window consists of a mirror, the backyard is not visible.



Stainless steel kick plate

We also provide a protective plate for lower part of the door, reducing impact from such as of trolleys.

Entire surface is made in Aluminum without using screws

AL-3

Door
Thickness **21** mm



Example of use at a supermarket

Smooth design using a special aluminum alloy without using screws

Popular model having a sharp and unique texture of aluminum.

A flat finishing door surface without ruggedness of screws is suitable for decoration with colored sheets.



AL-3

Full Aluminium Alloy surface.

RECOMMEND

Suitable in supermarket.

OPTIONS



Hand Plate

It helps to maintain clean and fine aesthetics by preventing finger prints and marks to be left on the door. (Black, White, Gray)



PVC Window gasket

It can be selected to match the user's preference. (Black, Gray, Ivory)

Smart and safety design

SMART SWING

Door Thickness **28** mm



Example of use at a restaurant

SWING DOOR achieving both safety and high design performance

Smart design using no hinge cover nor handle with a plenty of color variation can carry out space production as you like.
Using a transparent hard coated acrylic window which does not get damaged nor break easily, and is excellent in safety.



SMT(Standard, ivory steel)



SMT(w/colored sheet)

Vertical full-span window, furnished with finger pinching prevention packing at both ends of the door end and door tail.

RECOMMEND

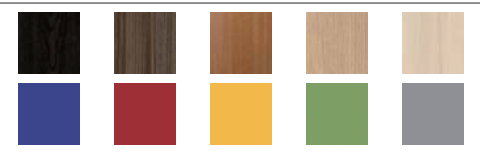
Best used in restaurants.

OPTIONS



Colored sheet

To suit the concept of your stores, you can chose from a wide range of colored and/or textured sheet to be applied to the surface of the door.



Plenty more different colors are available.

New structure made of easily-recyclable core

Eco-Swing Series

Door Thickness **22** mm



Example of use at a food factory

Washable, achieving clean and hygiene environment easily and at all time.

Due to its resin honeycomb structure as its core, the doors is washable^{*1} with water just like washable floors and walls. Compared to the existing products,^{*2} the level of insulation and frost resistance has improved by 17%, making it perfect for a use in fridges. Stainless steel is used as the surface material, recycled acrylic for window with antibacterial seal gasket.

*1 Except for upper part of the hinge.

*2 Compared to SCP/SCG.



SCPR-3

Without gaskets



SCGR-3

With gaskets

RECOMMEND

Best used in supermarkets and food factories. also suitable in restaurants.

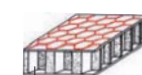
OPTIONS



Spring Bumper

Resin (low-density polyethylene) spring bumper protects the door and eases an impact from carts bumping into the door.

Honeycomb core TECCELL



Core material



Becomes stronger as the surface is formed at the same time.

The ultimate thermal insulation with even more robust structure

FCG Series

Door
Thickness **38** mm



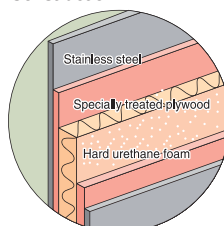
FCG-1

Example of use at a factory

The ultimate thermal insulation and airtightness, perfect for a use in cold storage chambers.

Insulation performance is improved by use of hard urethane foam and gasket sealing gaps in the edges. It is 38mm thick robust structure with two-tiered windows made of transparent acrylic which are framed with rubber. FCG-3 employs stainless steel as a surface material and FCG-1 utilizes a combination of aluminium on its upper body and stainless steel on its lower body.

Construction



The door core consists of five insulation layers inclusive of the hard urethane foam, that creates high thermal insulation with the solid structure.

RECOMMEND

Best used in food factories.
also suitable in distribution warehouse.

Wind resistant Series

Excellent wind-resistant performance

V-hinge Series



SCP-3V

Example of use at a supermarket

Outstanding wind-resistance, perfect for carry-in entrance doors.

The speed at which the door closes is reduced (compared with the existing products) while improving the wind resistance using the springs within the hinges, therefore, safety at the time of passing is further ensured. Additionally, it is now possible to adjust the intensity of the springs without removing the doors.

V-hinge enlarged view



Available models with the V-hinge
SCP / SCG / LWP / Eco Swing

RECOMMEND

Best used in supermarkets.
also suitable in distribution warehouse.

Durable door against forklift

SUPER SWING DOOR

Door Thickness **38.4** mm



SN-1 Example of use at a distribution warehouse

Outstanding durability and impact resistance, suitable for use with forklift.

It features a heavy-duty construction in which a frame made of 25mm square pipe and hard urethane board are clamped by a 5.5mm thick MDF board. In addition, the surface is covered with 1.2mm stainless steel sheet. The window is made of a 4mm thick polycarbonate plate, and the spring bumper at the lower portion of the door is made of high-pressure polyethylene plastic.

RECOMMEND

Best used in distribution warehouse.
also suitable in food factory.

Counter door usage

Opens and closes easily with a finger touch

MINI SWING DOOR

Door Thickness **16** mm



MP-1a Example of use at a restaurant

Self-closing counter door with improved robustness and lightness.

It is designed so that it can be easily passed and it does not hurt anyone even if it bounces back. The weight reduction is achieved by using only aluminium and removing core materials. We offer a variety of colors of the door to suit your interior design.

COLORS AVAILABLE



RECOMMEND

Best used in restaurants.
also suitable in supermarkets and convenience stores.

For SWING DOOR

OPTION

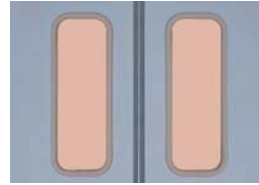
Window size and shape

Windows with customized dimensions and various shapes of even no-window option is available.

- Round window
- Long window
- Double window
- Two-tiered window (FCG series only)



Round window



Long window



Double window

Window material and gasket

[Window material]

- Frosted
- Acrylic (Brown, One-way mirror, Transparent)
- Wire glass (Not available with LWP-3 and LWP-3V)

[Gasket]

- Window gasket (Black, Gray, Ivory)



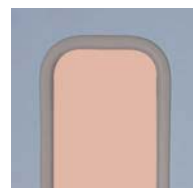
Frosted window



Acrylic window (Brown)



Window gasket (Gray)



Window gasket (Ivory)

Hand plate

Acrylic color plates used as a push plate. The plates can be fixed vertically or horizontally. (Black, White, Gray)



Black
(150×250mm)



White
(150×250mm / 180×300mm)



Gray
(150×250mm / 180×300mm)

One-way stopper

The one-way stopper allows you to set a single door operation, to open one way or two ways. It can be easily installed on existing swing doors as well. (Not available with LWP-3 and LWP-3V)



Door-side hardware



Frame-side hardware

Others

- Jamb Guard
- Double Dutch
- Lock (rim lock)
- Door stopper
- Colored sheet (film)
- Louver



Jamb Guard
May be used for protection of the lower bracket of the door against frequent impact by heavy objects.



Double Dutch
Two-tiered doors designed to allow separate opening and closing operations.



Lock (rim lock)
Must be installed together with Door stopper.



Colored sheet (film)
Vinyl sheets of various colors and designs can be pasted onto the door surface. A wide range of color and patterns are available.

Bumpers

To protect the door and ease the impact of carts, etc.

-H-shaped Bumper strip
(without rubber)

-C-shaped Bumper strip

-D-shaped Bumper strip

-Spring Bumper

(Black, Gray, Light gray)

-Resin kick plate

(Black, Gray, Light gray)

*Long hours of exposure to the sun may cause deformation.

- Stainless steel kick plate



H-shaped Bumper strip
(Without rubber)



C-shaped Bumper strip
(With rubber)



D-shaped Bumper strip



Spring Bumper
(Black)



Spring Bumper
(Gray)



Spring Bumper
(Light gray)



Resin kick plate
(Black)



Resin kick plate
(Light gray)



Stainless steel kick plate

Baking finish frame (for MP-1a/MP-2)

There are 3 colors of frames that allows easy matching with doors.

*An aluminum material without baking finish is a standard specification.

The hinges (resin-made) cannot be coated.



Frame opening dimensions

Swing door

Single door opening dimensions

W (mm)	H (mm)
610	2005
710	2005
765	2005
815	2005
915	2005
1015	2005

Double door opening dimensions

W (mm)	H (mm)
1215	2005
1420	2005
1520	2005
1620	2005
1825	2005
2030	2005

*As for sizes other than those mentioned above, please contact us.

- Maximum opening width size
Single door : ~ W1200mm, Double door : ~ W2400mm
- Maximum opening height size
H : ~ 2400mm

SUPER SWING DOOR

- Opening dimension (W)
Single door : W1000 ~ 1500mm
Double door : W2000 ~ 3000mm
- Opening dimension (H)
H : 2000 ~ 3000mm

*As for frames, please separately consult with us.

MINI SWING DOOR

- Opening dimension (W)
Single door : W300 ~ 700mm
Double door : W600 ~ 1400mm
- Opening dimension (H)
DH : 400 ~ 800mm

*As for sizes other than those mentioned above, please contact us.

FRAME

A three-sided frame is to be separately arranged. Please arrange it site according to the on-site fitting requirement.

Wooden frame

Prepare the three-sided wooden frame being squared and flat surfaced, with the depth of 70mm or more and the thickness of 35mm or more.

Steel or stainless steel

If the depth of frame is 70mm or more and the thickness is less than 3.5mm, a back plate (prepared by customers) should be fitted to the area of upper and lower hinge brackets for reinforcements and must make the total thickness of 3.5mm or more, combining the frame and back plate.

Please cut the screw thread on the frame side of the upper and the lower bracket using an M-6 tap.

Steel frame for V-shaped hinge

If the depth of frame is 75mm or more and the width is 25mm or more and the thickness less is than 4.0mm, a back plate (prepared by customers) should be fitted to the area of upper and lower V-hinges for reinforcement and must make the total thickness of 4.0mm or more combining the frame and back plate.

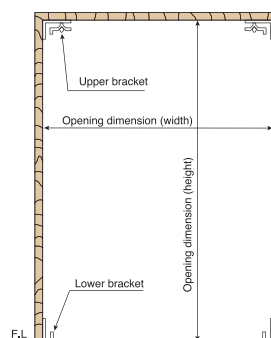
<The door with two V-hinges>

The total thickness combining the frame and back plate for fitting the upper and lower hinges should be 4.0mm or more and the length of back plate 350mm.

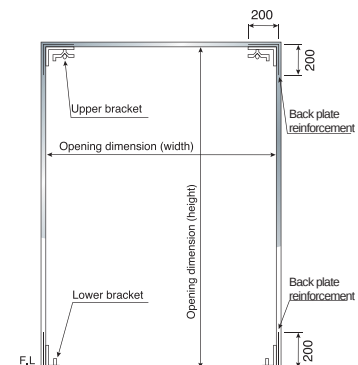
<The door with three V-hinges>

The total thickness combining the frame and back plate for fitting the upper and lower hinges should be 4.0mm or more and the length of back plate for the upper two hinges should be 650mm and the lower one hinges should be 350mm.

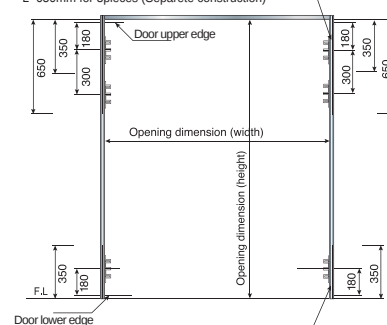
Wooden frame



Steel/Stainless steel frame



Part requiring reinforcement back plate for hinge
For more than 4.0mm including a frame; L=350mm
L=650mm for 3 pieces (Separate construction)



Part requiring reinforcement back plate for hinge
for more than 4.0mm including a frame; L=350mm

UNIFLOW

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