

Folding Door Units

HHUA

Enlarged * section
Please attach the included extrusion end caps at eight cut surfaces.

Extrusion when HHUA6 selected
HFS6-3030

Extrusion when HHUA8 selected
HFS8-4040

- Customer assembly required.
- Only the folding door part is sold.
- The drawing is for a left opening door. Doors opening toward the right have hinges (for fixing) on the right side. And $L_2 > L_1$.
- Minimum notching is given to a panel to avoid interference with fastener parts.

Part Number		Panel (Select a desired material and thickness from the codes below)	W (Width) 1 mm Inc.	H (Height) 1 mm Inc.	L ₁	L ₂	Components																	
Type	No.						Extrusion*	Joint Parts	Panel Clamps	Sliders for Folding Doors	Handle	Hinges (for Middle)	Hinges (for Fixing)	Extrusion End Caps										
HHUA	6	L Left	Acrylic Clear AC Thickness 5 mm	500-1500	500-1000	L ₂ +28	W/2-15	HFS6-3030	HCJ6	8	HSC3H-B (Thickness 3 mm)	8	HFAFSH6	2	HHDF20-SST	2	HHPSN6-SST	2	HHPFLN6-SST	2	HFC6-3030-S	8		
		R Right	Polycarbonate Clear PC Thickness 5 mm																				HSC3H-B (Thickness 3 mm)	HFAFSH6
	8	L Left	PET Clear PY Thickness 3 mm			L ₂ +46	W/2-24	HFS8-4040	HCJ8	8	HSC5H-B (Thickness 3 mm)	8	HFAFSH8	2	HHDF26-SST	2	HHPSN8-SST	2	HHPFLN8-SST	2	HHPFRN8-SST	2	HFC8-4040-S	8
		R Right	Anti-Static PVC Clear ST Thickness 3 mm																					

Part Number Example
 Part Number - Panel - W - H
 HHUA6L - PC - 1000 - 800

Panel	Material Rate
AC	Acrylic (Clear)
PC	Polycarbonate (Clear)
PY	PET (Clear)
ST	Anti-Static PVC (Clear)
AC3	Acrylic (Clear)
PC3	Polycarbonate (Clear)
PY3	PET (Clear)
ST3	Anti-Static PVC (Clear)
NN	No panel
NN3	No panel

Application Example Example of Folding Door Assembly (Left Opening)

Corners are screw-joint connected. About Screw-Joint connections P.2844

Inset a panel and fix it with a panel clamp. (Connection with bracket is possible)

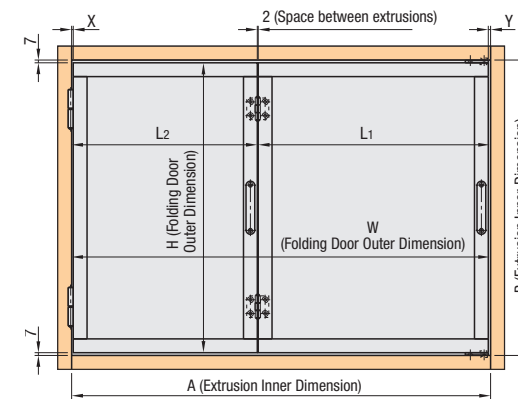
Combine two panels. Attach hinges to the reverse side, flag hinges to the left side and handles on the front side.

Keep it fully open and fix the folding door body to the folding door slider.

Smoothness of the door depends on the tolerance of aluminum extrusions and accuracy of assembly. Be sure to finely adjust the position of sliders.

Folding Door Units / Latch Magnets / Sliders for Folding Doors

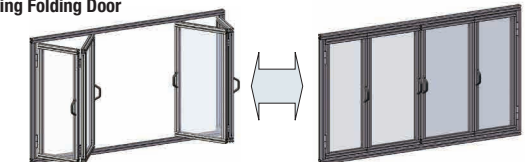
Clearance Between HHUA & Outer Extrusion



Details of Each Component

Part Number	Product Name	Page
HFS6-3030	30 Sq. Aluminum Extrusions	P.2723
HFS8-4040	40 Sq. Aluminum Extrusions	P.2766
HCJ	Screw Joints	P.2845
HSCP3H-B, HSCP5H-B	Panel Clamps	P.2901
HFAFSH	Sliders for Folding Doors	P.2979
HHDF	Handle	P.3242
HHPSN	Hinges	P.3255
HHPFLN (HHPFRN)	Flag Hinges	P.3257
HFC6-3030-S, HFC8-4040-S	Extrusion End Caps	P.2764

Imparting Folding Door



Folding Door Units		Outer Extrusion													
Type	No.	W Dimension	H Dimension	X Dimension	30 Square (HFS6)			40 Square (HFS8)							
					When 500≤W<700	When 700≤W<1000	When 1000≤W<1500	W Dimension	H Dimension	X Dimension	500≤W<700	700≤W<1000	1000≤W<1500		
HHUA	6	A-Y-X	B-14	3.5	7.5	6.5	5.5	—	—	—	—	—	—	—	—
	8	—	—	—	—	—	—	—	A-Y-X	B-14	4.5	11.5	9.5	7.5	—

Latch Magnets for Folding Doors

HMENF6-6 30 Square 30 Square for folding door
HMENF8-8 40 Square 40 Square for folding door

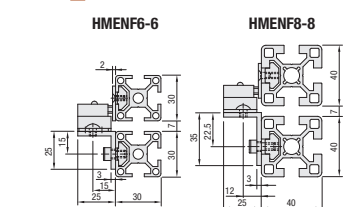
Magnet Body

MG6-6 Plate

MG8-8 Plate

Material: 304 Stainless Steel
 Surface Treatment: Dark Brown Painting

Application Example



Part Number	Applicable Extrusion	Magnet	Retaining Force N(kgf)	Mounting Plate	Components									
					Magnet Side			Door Side (Extrusion Side)						
HMENF	6-6	30 Square	29.4	MG6-6	Attachment Screws	Quantity	Screws	Quantity	Nuts	Quantity	Screws	Quantity	Nuts	Quantity
	8-8	40 Square	(3)	MG8-8	Truss Screw M4-5	2	SCB5-10	2	HNTT6-5	2	M3-8	1	HNTT6-3	1

Part Number Example

Part Number
HMENF6-6

Sliders for Folding Door

Rotatable

HFAFSH6

HFAFSH8

Material: Polyacetal (White)

Type	Part Number	No.	Applicable Extrusions (Series)		Included Screws & Nuts			
			Folding Door Side Extrusion	Outer Frame	Quantity	Nuts	Quantity	
HFAFSH	6	6	HFS6	HFS6	SHFBS5-12	1	SHNTP6-5	1
		8	HFS8*	HFS8*	SHFBS6-15	1	SHNTP8-6	1

*Cannot be used for HFS8-45, HFS8-50, HFS8-60

Part Number Example
 Part Number
 HFAFSH6

Check out misumiusa.com for the most current pricing and lead time.