FLUSH /
LATERAL
OPENING DOOR
SYSTEMS

SLIDING
DOOR
SYSTEMS

FOLDING
DOOR
SYSTEMS

SHUTTER
DOOR
SYSTEMS

MULTIPLE MOTION DOOR SYSTEM (FOR GLASS PANELS) | INSTRUCTION | TEMPERED GLASS | VIDEO |

Multiple Motion Door System

MultiMo FLAT®

Glass Width	295, 445, 595, ※895 mm
Glass Height	300~900 mm
Glass Thickness	5 mm
Glass Weight	1.5~6.7 kg/Door
Specification	☐ Connecting Multiple Sliding Units (Overlay)

※ When glass width is 895mm, glass height is Max. 600mm.
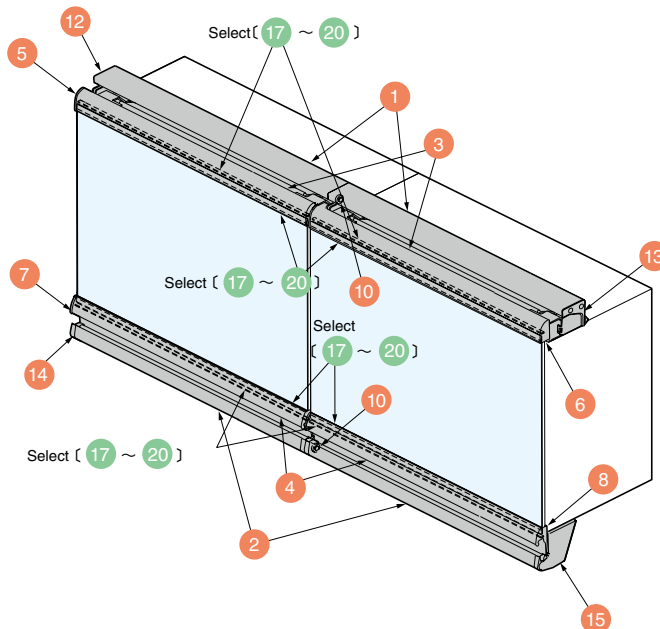
Door position freely can be changed like a puzzle.

● Opened doors can slide and close at any unoccupied position.
● All doors will be flush with others when in closed position.
● By adding more doors, the more opening patterns will be possible.
● Multiple doors can be added by connecting multiple sliding units. Odd number of doors can also be arranged.
● Hardware requires only 84mm of depth. Ideal for shallow cabinets.
● Wooden door version also available. Refer to [1] for details.

[Remarks]
● Recommend using 3 or more doors for interchangeable door feature.
● Maximum glass height is twice of glass width.
● 2 or more doors of the same size are necessary for interchange. Order at least 2 identical parts sets.
● Cannot be used together with wooden door version on one cabinet.
● Glass used for the door is not included. Please use tempered glass.
● When adhering glass and door frame with caulking agent, please use silicon-based one.
● Double-sided tape for adhering glass and door frame is not included. (Recommended double-sided tape: 3M Y-4910J, 15mm wide, 1mm thick)
● When using double-sided tape, the glass surface for pasting should be transparent and flat. Do not use glass with uneven surface.

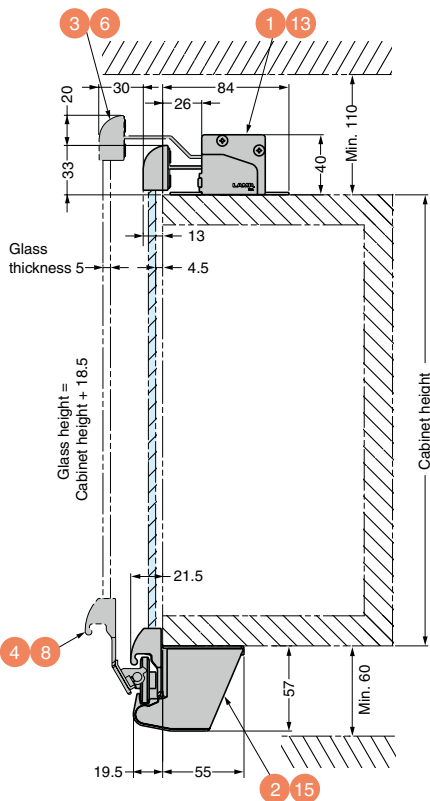The circled numbers are part numbers.
Please check with the part list [2].

Select [17 ~ 20]

Video Link

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[Installation Example]

The circled numbers are part numbers.
Please check with the part list **1▶**.

Glass thickness 5
Glass height = Cabinet height + 18.5
Cabinet height

30
84
26
20
33
Min. 110
40
13
4.5
21.5
57
Min. 60
19.5
55

[Mounting Application for Upper Rail ❶]

● Top panel

8
60
17
Front face
A
Cabinet width
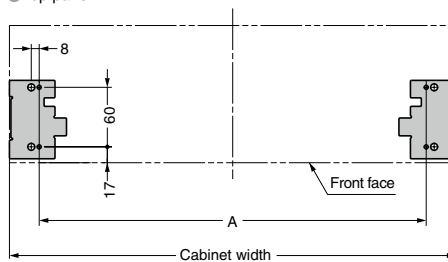
Cabinet Width	A
300	240
450	390
600	540
900	840

[Mounting Application for Lower Rail ❷]

● Bottom panel

20
16
16
16
16
32
28
20
32
12
C
B
Cabinet width
Front face
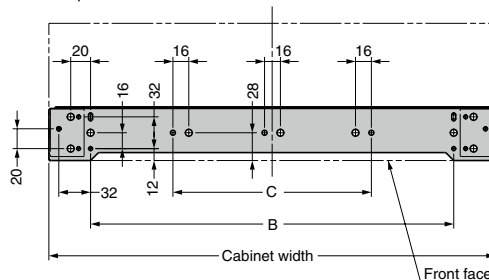
Cabinet Width	B	C
300	216	–
450	366	–
600	516	200
900	816	300

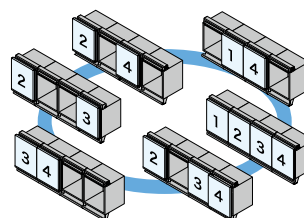Interchangeable door position (3 doors or more)
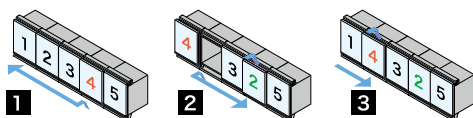
1 Pull out the door 4 and slide it laterally.

2 Pull out the door 2, slide it to the original position of the door 4, and then close it.

3 Slide the door 4 to the original position of the door 2 and close it, to complete door interchange.

Door opening example (4 doors)

Provides various opening patterns. By adding more doors, the more opening patterns will be possible.

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When Ordering MultiMo Flat (For Glass Panels)

● Necessary Parts...... **Parts Set (Per Door)** + **End Cap Set**

● Please order according to application........... **Optional Parts**

The circled numbers are part numbers. Please check with the drawings **1** .

Parts Set (Per Door)

Necessary Parts.
Select 2 or more parts sets from a ~ i depending on door size. ★Made to order

	Set Name	RoHS	CAD	Item Code	Item Name	Weight (g)	Box (sets)	Carton (sets)
a	Parts Set (Glass Width 295 mm, Glass Weight 1.5~2.4 kg)	G	3D	250-014-166	MFS-G300/S2	1950	1	10
b	Parts Set (Glass Width 445 mm, Glass Weight 1.3~2.2 kg)	G	3D	250-014-167	MFS-G450/S2	2576	1	5
c	Parts Set (Glass Width 445 mm, Glass Weight 2.3~3.2 kg)	G	3D	250-014-168	MFS-G450/S3	2576	1	10
d	Parts Set (Glass Width 595 mm, Glass Weight 2.1~3.0 kg)	G	3D	250-014-169	MFS-G600/S3	3232	1	10
e	Parts Set (Glass Width 595 mm, Glass Weight 3.1~4.0 kg)	G	3D	250-014-170	MFS-G600/S4	3232	1	10
f	Parts Set (Glass Width 595 mm, Glass Weight 4.1~5.0 kg)	G	3D	250-014-171	MFS-G600/S5	3235	1	5
g	Parts Set (Glass Width 895 mm, Glass Weight 3.8~4.7 kg)	G	3D	250-014-172	★MFS-G900/S5	–	1	10
h	Parts Set (Glass Width 895 mm, Glass Weight 4.8~5.7 kg)	G	3D	250-014-173	★MFS-G900/S6	–	1	10
i	Parts Set (Glass Width 895 mm, Glass Weight 5.8~6.7 kg)	G	3D	250-014-174	★MFS-G900/S7	–	1	10

Parts Included

No.	Qty	Dimensions	Description
1	1 pc	Upper Rail	● Material Aluminium Alloy / Steel ● Finish Anodised / Clear Zinc Chromate ※ For cabinet width, refer to **1** [Mounting Application for Upper Rail].
2	1 pc	Lower Rail	● Material Aluminium Alloy / Steel / POM ● Finish Anodised / Clear Zinc Chromate ※ ( ) is for door width 597 mm, 897 mm. ※ For cabinet width, refer to **1** [Mounting Application for Lower Rail].
3	1 pc	Upper Door Frame	● Material Aluminium Alloy / Steel ● Finish Anodised / Clear Zinc Chromate
4	1 pc	Lower Door Frame	● Material Aluminium Alloy / Steel / POM ● Finish Anodised / Clear Zinc Chromate

No.	Qty	Dimensions	Description
5	1 pc	Door End Cap (Upper Left)	● Material ABS ● Colour Grey
6	1 pc	Door End Cap (Upper Right)	● Material ABS ● Colour Grey
7	1 pc	Door End Cap (Lower Left)	● Material ABS ● Colour Grey
8	1 pc	Door End Cap (Lower Right)	● Material ABS ● Colour Grey
9	4 pcs	Glass Fixing Holding Gasket	● Material Urethane Sponge ● Colour Black
10	2 pcs	Connecting Pin	● Material Stainless Steel
11	11 pcs (12 pcs)	Binding Head Tapping Screw 3.5×15	–

※ ( ) is qty for MFS-G600/S3, MFS-G600/S4, MFS-G600/S5, MFS-G900/S5, MFS-G900/S6 and MFS-G900/S7.

The circled numbers are part numbers. Please check with the drawings **1▶** .

End Cap Set

Necessary Parts.
1 set is necessary for 1 unit.

Set Name	RoHS	CAD	Item Code	Item Name	Weight (g)	Box (sets)
End Cap Set	G⁺	3D	250-129-555	MFS-ED	27	100

Parts Included

No.	Qty	Dimensions	Description
⑫	1 pc	End Cap L 42.2 9.9 2×φ5.3 φ7.2 39.8	●Material Steel (SPCC) ●Colour Grey
⑬	1 pc	End Cap R 42.2 9.9 2×φ5.3 φ7.2 39.8	●Material Steel (SPCC) ●Colour Grey
⑭	1 pc	Lower Rail Cover L 72 3.5 53	●Material ABS ●Colour Grey

No.	Qty	Dimensions	Description
⑮	1 pc	Lower Rail Cover R 72 3.5 53	●Material ABS ●Colour Grey
⑯	4 pcs	Countersunk Head Tapping Screw 3.5×12	●Material Stainless Steel

Optional Parts

Please order according to application.

No.	RoHS	CAD	Item Code	Dimensions
⑰	G⁺	–	250-014-208	Holding Gasket (Glass Width 295 mm)

Item Name : MFS-PK300
Weight (g) : 16
Box (sets) : 100

[Application]
When connecting glasses by double-sided tape, please order one set per glass.
Select ⑰~⑳ depend on glass width.

Gasket
●Material EPDM
●Colour Grey

Glass Protection Holding Gasket
●Material Chloroprene Rubber (CR)
●Colour Black

2 pcs 305 2 10
2 pcs 275 4.7 1.5

No.	RoHS	CAD	Item Code	Dimensions
⑱	G⁺	–	250-014-209	Holding Gasket (Glass Width 445 mm)

Item Name : MFS-PK450
Weight (g) : 24
Box (sets) : 100

[Application]
When connecting glasses by double-sided tape, please order one set per glass.
Select ⑰~⑳ depend on glass width.

Gasket
●Material EPDM
●Colour Grey

Glass Protection Holding Gasket
●Material Chloroprene Rubber (CR)
●Colour Black

2 pcs 455 2 10
2 pcs 425 4.7 1.5

No.	RoHS	CAD	Item Code	Dimensions
⑲	G⁺	–	250-014-210	Holding Gasket (Glass Width 595 mm)

Item Name : MFS-PK600
Weight (g) : 32
Box (sets) : 100

[Application]
When connecting glasses by double-sided tape , please order one set per glass.
Select ⑰~⑳ depend on glass width.

Gasket
●Material EPDM
●Colour Grey

Glass Protection Holding Gasket
●Material Chloroprene Rubber (CR)
●Colour Black

2 pcs 605 2 10
2 pcs 575 4.7 1.5

No.	RoHS	CAD	Item Code	Dimensions
⑳	G⁺	–	250-014-211	Holding Gasket (Glass Width 895 mm)

Item Name : MFS-PK900
Weight (g) : 47
Box (sets) : 100

[Application]
When connecting glasses by double-sided tape, please order one set per glass.
Select ⑰~⑳ depend on glass width.

Gasket
●Material EPDM
●Colour Grey

Glass Protection Holding Gasket
●Material Chloroprene Rubber (CR)
●Colour Black

2 pcs 905 2 10
2 pcs 875 4.7 1.5

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