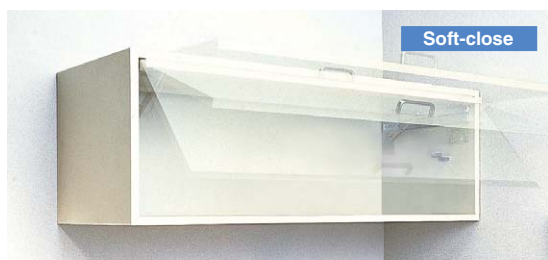
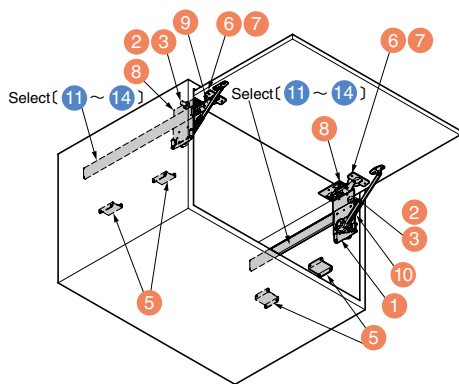


INSET RECEDING DOOR MECHANISM (W/ SOFT CLOSING) IF



※The circled numbers shown below are part numbers. Please check with the parts list 1.



- 6 shown above is guard plate for preventing storage articles from contacting brackets and others.
- 7 is included in parts set d e f 1. 6 concealed hinge in d e f is not used.

Opening Direction	Item Name	Description	Door Width	Door Thickness	Maximum Door Moment
 Over the Top	IF-102S (L/R)	Soft-close	Max. 1200	15~20	1.96~6.86 N · m/2 pcs (20~70 kgf · cm/2 pcs)
	IF-102W				3.92~13.72 N · m/2 pcs (40~140 kgf · cm/2 pcs)
	IF-H102S (L/R)			18~30	1.96~6.86 N · m/2 pcs (20~70 kgf · cm/2 pcs)
	IF-H102W				3.92~13.72 N · m/2 pcs (40~140 kgf · cm/2 pcs)

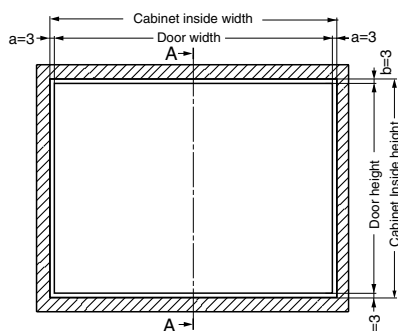
- Patented Lapcon mechanism controls door opening and closing softly and smoothly.
- Prevents from slamming shut.
- Stores the door horizontally on the underside of cabinet top board.

[Specifications]

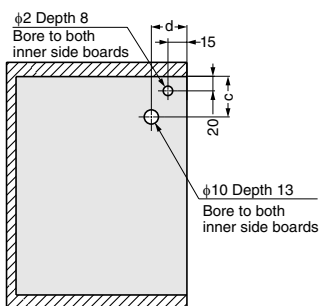
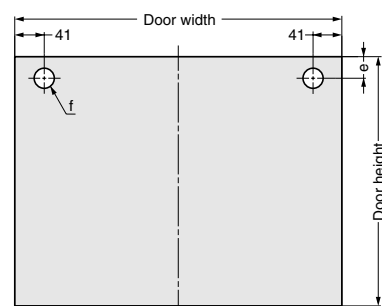
- Operating temperature: 0°C~40°C

[Remarks]

- Ensure that the door centre of gravity is at the centre of door.
- When closing door, fully pull the door out first. Otherwise, it may cause a malfunction.

[Video Link](#)
**[Cut Out Dimensions]****Cabinet front**

a: Clearance in the width direction (3 mm)
b: Clearance in the height direction (3 mm)

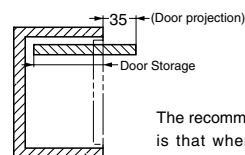
Cabinet cutaway view (A-A)**Door cut out dimensions**

Item Name	c	d	e	f
IF-102SL	37.5	9.5+Door Thickness	22.5	ϕ 35 Depth 11
IF-102SR				
IF-102W				
IF-H102SL	43.6		25	ϕ 40 Depth 15
IF-H102SR				
IF-H102W				

[Door Storage and Recommended Door Height]

Item Name	Door Storage			Recommended Door Height	
	IF-102SL	IF-H102SL	IF-102SR	IF-102SL	IF-H102SL
Rail	IF-102SR	IF-H102SR	IF-102W	IF-102SR	IF-H102SR
	IF-102W	IF-H102W		IF-102W	IF-H102W
AL-78-14	263.7+Door Thickness	260.9+Door Thickness	298.7+Door Thickness	295.9+Door Thickness	
AL-78-16	314.5+Door Thickness	311.7+Door Thickness	349.5+Door Thickness	346.7+Door Thickness	
AL-78-19	390.7+Door Thickness	387.9+Door Thickness	425.7+Door Thickness	422.9+Door Thickness	
AL-78-24	517.7+Door Thickness	514.9+Door Thickness	552.7+Door Thickness	549.9+Door Thickness	

Refer to 1 : P.283



The recommended door height is that when door protrudes 35mm from cabinet with door stored as shown on the left.

When ordering IF

● Necessary Parts

Parts Set

+

Rails

Parts Set

Necessary parts. (See page 1 for details about dimensions and description of each part in the parts set)

Refer to "[Cut Out Dimensions]" and "[Door Storage and Recommended Door Height]" in the page 2 and order the necessary parts set.


Item Code	Item Name	Parts Included									
		1 Bracket	2 Roller	3 Insert	4 Slider	5 Guard Plate	6 Hinge 230-C26/19T	7 Hinge H230-C26/26T	8 Mounting Plate	9 Soft-down Stay (Left-handed)	10 Soft-down Stay (Right-handed)
a - 3D 180-122-081	IF-102SL									1 pc	—
b - 3D 180-122-082	IF-102SR	2 pcs	2 pcs	2 pcs	2 pcs	4 pcs	2 pcs	—	2 pcs	—	1 pc
c - 3D 180-122-083	IF-102W									1 pc	1 pc
d - 3D 180-122-084	※IF-H102SL									1 pc	—
e - 3D 180-122-085	※IF-H102SR	2 pcs	2 pcs	2 pcs	2 pcs	4 pcs	2 pcs	2 pcs	2 pcs	—	1 pc
f - 3D 180-122-086	※IF-H102W									1 pc	1 pc

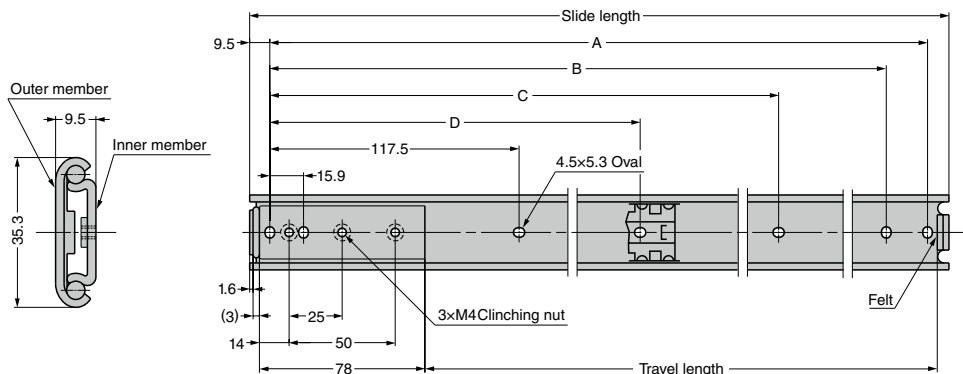
※Please use 7 concealed hinge H230-C26/26T (φ40) only. (Do not use 6 concealed hinge 230-C26/19T (φ35)).

Rails

Necessary Parts.

2 pcs are necessary for 1 cabinet. Please refer to the figure below and order the necessary rails.

No.	Slide Length	RoHS	CAD	Item Code	Parts Name	Description
11	Slide Length 355.6 mm	G	3D	190-113-945	Rail 	<ul style="list-style-type: none"> ● Material Steel ● Finish Clear Zinc Chromate
				AL-78-14		
12	Slide Length 406.4 mm	G	3D	190-113-942		
				AL-78-16		
13	Slide Length 482.6 mm	G	3D	190-113-943		
				AL-78-19		
14	Slide Length 609.6 mm	G	3D	190-113-944		
				AL-78-24		



Item Name	Slide Length	Travel Length	A	B	C	D	Weight (g)
AL-78-14	355.6	267.6	336.6	320.7	219.1	—	—
AL-78-16	406.4	318.4	387.4	371.5	269.9	—	280
AL-78-19	482.6	394.6	463.6	447.7	346.1	231.8	350
AL-78-24	609.6	521.6	590.6	574.7	473.1	295.3	420

Refer to 1 : P.284, 2 : P.282

LIFT
ASSIST
STAYSSOFT
CLOSING
STAYSTORQUE
STAYSHEAVY DUTY
LOCKING
STAYSFOOT
STAYSLID
STAYSOTHER
STAYSTOP-
OPENINGDOWNWARD-
OPENINGUPWARD-
OPENINGBOTTOM-
OPENINGSWING
DOOR

LIFT-UP

LIFT-
DOWNUP &
OVERBI-
FOLDINGOVER
THE
TOP