



Remarks on Door Size and Handle Position



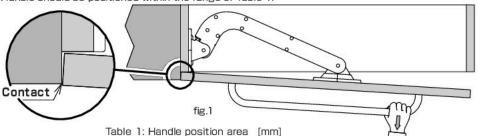
## Door Specification

Width	750~1100mm	Thickness	24~40mm
Height	2400~2980mm	Weight	20~90kg

#### Remarks

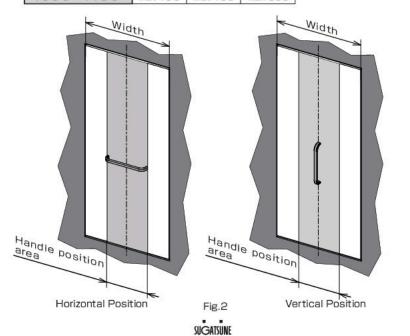
• In order to avoid hinge side contact between the door and frame, please ensure that handle position, width, as well as hinge side clearance are set as shown in the table1.

• Handle should be positioned within the range of Table 1



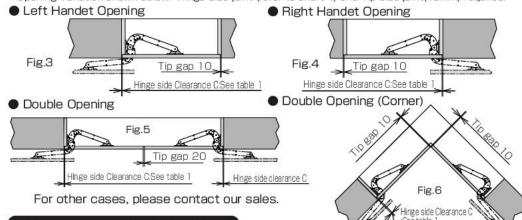
Clearance C Door width	10	15	20	
750~900	Max. 300	Мах. 350	Max. 500	
900~1000	Мах. 200	Мах. 250	Max. 400	
1000~1100	Max. 100	Мах. 150	Max. 300	

※Door Thickness: 40mm \*Handle position area is centred on the door width.



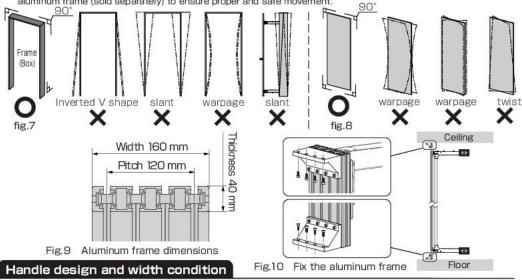
## **Opening Variation**

Opening Variation shown below. Hinge side joint (refer to chart 1) and Tip side joint (10mm) required.

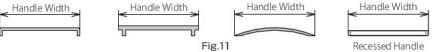


## Frame(Box) and Door Preparation

- Frame (Box) and Door should be free from warpage and should be prepared square.
- Frame (Box) should be fixed firmly.
- The LIN-X1000 hinge is designed to support doors of up to 90kg. Ensure that the frame is sturdy enough to support the full load of the LIN-X1000 and door. Alternatively, we recommend the use of the 120mm pich aluminum frame (sold separately) to ensure proper and safe movement.



In case installing the handle horizontally, refer to chart 1.



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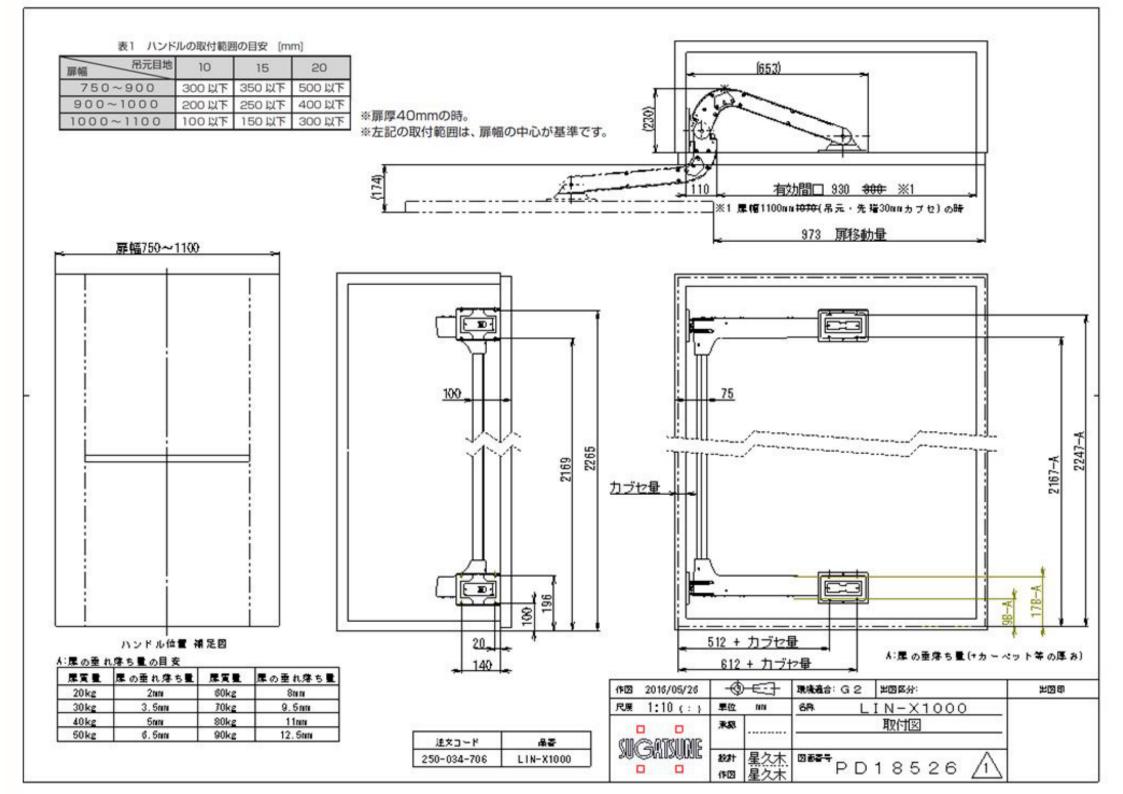
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Guangzhou, CHINA







# Installation Instructions



Thank you for selecting our product. Before starting installation, please read this manual thoroughly to ensure correct installation. Please keep this manual at hand for future reference.

#### ABOUT THE PRODUCT

- Can be used for both cabinet and passage doors.
- Easy installation and adjustment.
- Door will be flush with surrounding walls.
- There is no need of embedding a rail on the floor.

#### FOR YOUR SAFE WORK AND CORRECT INSTALLATION

- This symbol denotes prohibited actions.
- This symbol denotes what must be done.

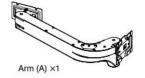
## /!\ WARNING: If these warnings are not followed, it may result in death or serious injury.

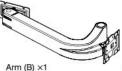
- This (lateral swing door system) should be installed by an experienced person who has correct knowledge. If the system is not installed correctly, the door will not operate smoothly, and or may cause injury.
- It is necessary to manufacture the frame with sufficient strength so it endures the weight of the door and impact shocks upon opening/closing the door. A frame with poor strength might result in improper and slower movement of the door. In the worst case, the door might drop down and cause injury.
- O Do not try to use this product for any other purposes other than originally intended for. Do not use the parts for applications that are out of specifications.
- O Do not disassemble nor modify any parts than those described in this document.
- Arms are only designed to hold the door. Do not sit on them or hang anything else than the door.
- O Do not use excessive force to further open the completely opened door or open/close the door as this could result in malfunction.

## Caution: If these cautions are not followed, it may result in injury or damage.

- This lateral swing door system is a part for furniture or architectural fittings. After installation, make sure to test the finished product thoroughly to ensure that it is well-functioning and safe.
- Make sure to follow the designated measurements and specifications as well as horizontal and verticals angles. Make sure that the frame is not warped, since it may affect the movement of the door.
- 1 The company is conducting strict checks on the products. However, if any defects are found on the product,
- When cleaning heavy soiling, wipe off with neutral detergent diluted with water.
- Make sure to test the screws for slack at regular intervals (one month from first usage, half year and then one time every year is recommended).

#### COMPONENT PARTS









Cover for Mounting Plate ×4 (Door Side)

Cover for Mounting Plate ×4 (Hinge Side)





Connecting Bar ×1 (Packed separately.)



Truss head tapping ×16 screw 6×25

- Tools needed for assembly (Please prepare \* when in installing on aluminum frame.)
- · Screwdriver(+) No.3 · Screwdriver(+) No.2 · Hex key 4mm \* Aluminum frame 40×160
- \* Screw (M6×12) & Nut × 8 set \* Aluminum frame fixing angle, including fixing screws and nuts. \* Hex key 5mm

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Chicago, USA

2017.04 1030-3



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Door Width	750 ~ 1070 mm *1	Door Thickness	24 ~ 40 mm
Door Height	Max.2980 mm	Door Weight	Max.90 kg/Door
Temperature of use	0 ~ 40 ℃		*1 Dimensions for a full opening of the cabinet

• Handle should be installed within the range below.

Table 1: Handle position area [mm]

		rable 1: Handle position area (r		
		Clearance C Door width	10	15
Jamb	Door	750~900	Max. 300	Мах. 350
		900~1000	Max. 200	Max. 250
-	Hinge side clearance C	1000~1100	Max. 100	Max. 150
	olodidiloo o			

\*Door Thickness: 40mm \*Handle position area is centred on the door width.

For wood frame installation,

please refer to  $1 \sim 8$ 

For aluminum frame installation,

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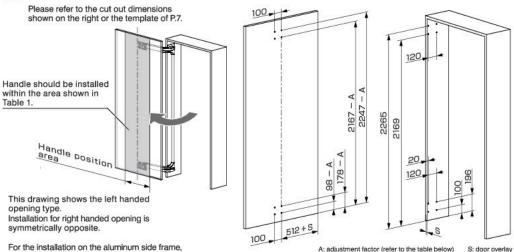
Max. 500

Max. 400

Max. 300

please refer to  $1\sim2$  and  $9\sim13$ 

## 1 Hole drilling



1 The table below shows the adjustment factor A depending on the door weight. Ensure that you adjust according to your door weight.

Door weight	Adjustment factor A	Door weight	Adjustment factor A	Door weight	Adjustment factor A
20 kg	2 mm	50 kg	6.5 mm	80 kg	11 mm
30 kg	3.5 mm	60 kg	8 mm	90 kg	12.5 mm
40 kg	5 mm	70 kg	9.5 mm		

- · If you use a thick carpet, ensure that there is enough clearance for free movement of the door.
- · A ±7mm height adjustment is possible after installation. Please refer to P.4 7

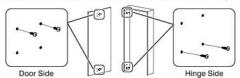
\*The drawing below takes into consideration a 10mm clearance between the floor and the door.

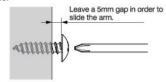
## Pre-installation

please refer only to the door side.

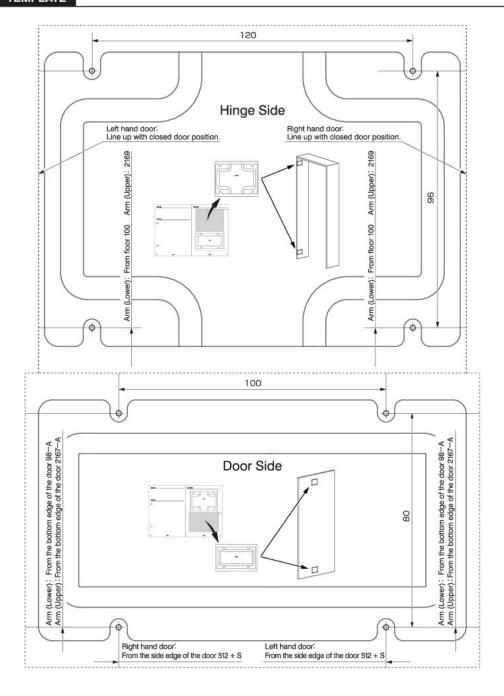
Pre-fix the 4 lower screws (2 for top and 2 for bottom arm) on the hinge side, and 4 upper screws on the door side, using the truss tapping 6x25 screws provided.

\* For the installation on the aluminum side board, please refer only to the door side.





## **TEMPLATE**

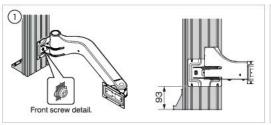


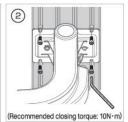






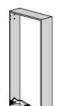


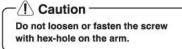


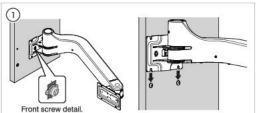


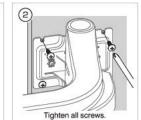
\* Screw (M6×12) not included.

## MOUNTING ARM (LOWER)



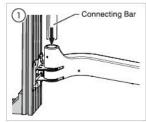


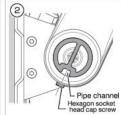




# III INSTALLATION OF CONNECTING BAR

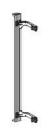


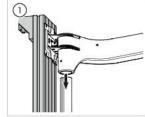


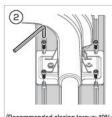


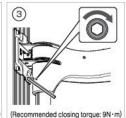


# 12 MOUNTING ARM (UPPER)

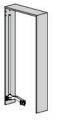


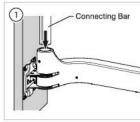


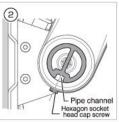




4 INSTALLATION OF CONNECTING BAR



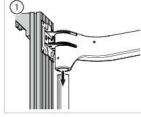


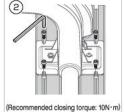




MOUNTING ARM (UPPER)









\* Screw (M6×12) not included.



- N WARNING



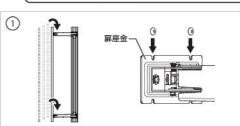


# 13 INSTALLING DOOR

## ─/ WARNING

We recommend that 2 people install the door in order to reduce risks of injury and damage to the door.



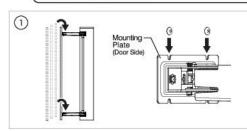




# 6 INSTALLING DOOR

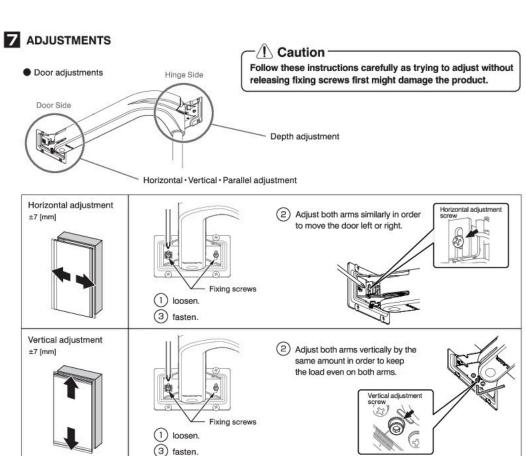
We recommend that 2 people install the door in order to reduce risks of injury and damage to the door.

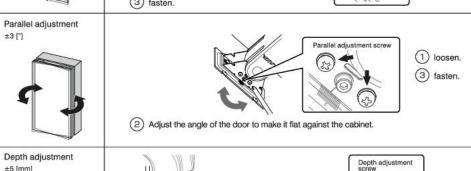






• For the adjustment and installation of the cover, please refer to 7 and 8



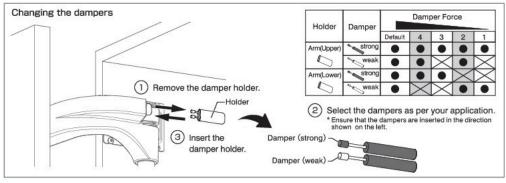


(Recommended closing torque: 2 N·m)

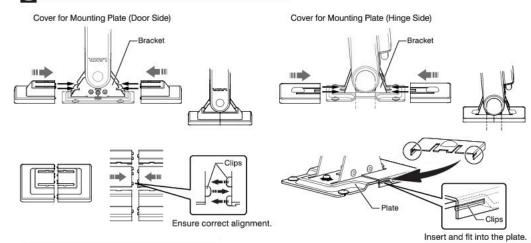
(2) Adjust the depth of the door position

by screwing the depth adjusting screw.

Setting of Damper Force (Adjust the door closing speed)

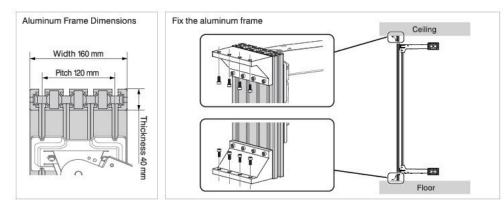


# INSTALL THE COVER FOR MOUNTING PLATE



## **ALUMINUM FRAME SIDE BOARD**

## INSTALL ON THE ALUMINUM FRAME



(1) loosen.

(3) fasten.

±5 [mm]