

LAMP® SOFT CLOSING FLIPPER DOOR MECHANISM:OV-1(OVER - THE - TOP - TYPE)

INSTALLATION INSTRUCTION



- Please read this instruction sheet carefully for proper installation and operation. Incorrect installation of this product may damage the unit or cause injury.
- This product is designed for furniture or lightweight door and is equipped with a damping function.
- Sugatsune guarantees the quality of this product as for all its parts. It cannot however guarantee the final assembly as a whole.
- This product was manufactured and delivered with our utmost care. Should you however find any defect, please contact your dealer immediately.
- The warranty period extends to one year from shipping date.
- Sugatsune liability is limited to the replacement of this product by a similar one free of defect. In no case dose this extend to the replacement of the installation or cabinet as a whole.
- Please keep these instructions at hand for future use.
- Sgatsune cannot be held liable for any damage or injury caused by improper use or one different than the one this product was designed for.

CAUTION Any failure to observe the following precautions may result in personal injury or damage to the cabinet.

- ❶ Make sure that installation position and specifications are followed.
- ❷ Make sure that the arm of the stay is parallel with the side panel of the cabinet.
- ❸ This product is designed to operate at room temperatures between 0°C to 40°C (32F-104F).
- ❹ Performance of hardware will be affected by unique factors in each application. Hardware must be tested in intended application to confirm the function.
- ❺ Do not force the door to close faster. It can cause damage to the product.
- ❻ Please make sure to check the operation after installation.

Do not put any article when the door keep in horizontal position. It could cause the article dropped.

Do not slide the door upward in closing position. It could cause slam shut of the door.

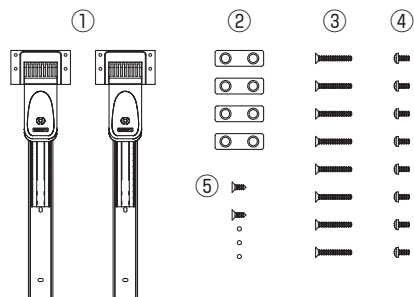
Do not stop the door on its sliding motion. It could cause slam shut of the door.

Do not force the door to open beyond the horizontal position. It could damage the unit.

Do not force the door to close faster when it is in closing motion. It could cause damage.

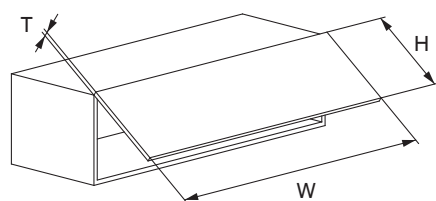
Make sure to turn the speed adjustment screws evenly to insure proper function.

COMPONENT PARTS REQUIRED PER CABINET



- ❶ Main Body (soft-closing hinge mechanism with slide) 2pcs.
 - ❷ Mounting Plate 4pcs.
 - ❸ M4×26 Flat Head Machine Screw (for wooden top board 19~20mm T)* 8pcs.of
 - ❹ M4×8 Binding Head Machine Screw (for metal top board of 1.5mm t) 8pcs.
 - ❺ M4×10 Binding Head Tapping Screws for installing slide.
- Note:*In case of top board thicker than 20 mm (25/32"), longer screws (top board thickness plus 6 mm) are required.

FLIPPER DOOR WEIGHT AND SIZE



The product must be applied to a door with specific weight and size. Door weight and size should be as follows based on 2 units per door.

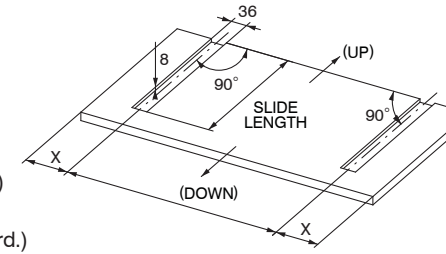
- Door weight: 3 - 5 kgs. (6 - 11 lds.) for OV-1 (light duty)
- Door thickness (T): 19 mm (3/4") or 20 mm (as standard)
- Door width (W): 700 - 1,400 mm (27 - 58")
- Door height (H): 350 - 450 mm (13 - 18")

DIMENSIONAL INFORMATION FOR FABRICATION

DOOR FABRICATION

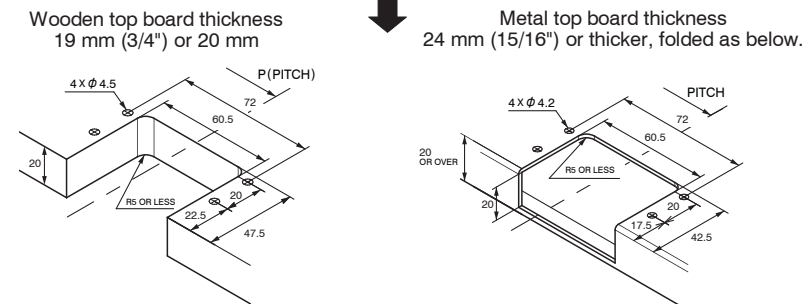
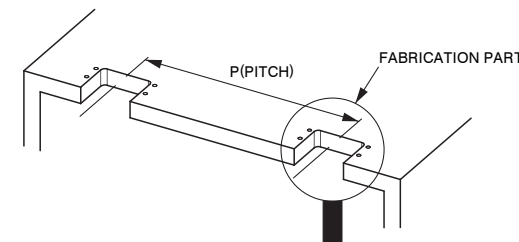
Router back of the door accurately, as indicated in the drawing, and make sure the two grooves are perfectly aligned.

- X=80 (In case the flipper door is inset for sideboard.)
- X=80 + sideboard thickness (In case the flipper door is overlay for sideboard.)



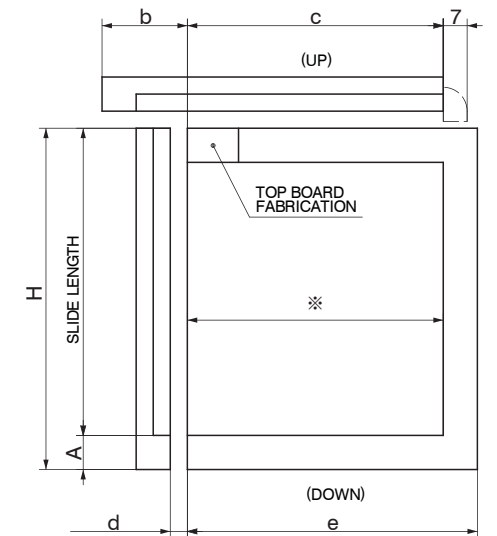
TOP BOARD FABRICATION

Cut off 2 section as indicated in the drawing, and make sure the distance "P" is exactly the same as the distance "P" of the door.



*For a thinner or thicker board. Different size screws are required.

CABINET DIMENSIONS



	b	c	d	e
WOODEN TOP BOARD	A+81.4	H-b	2.5	C+7 OR OVER
METAL TOP BOARD	A+86.4	H-b	7.5	C+7 OR OVER

*Cabinet should not have warp or distortion.

INSTALLATION PROCEDURE AND ADJUSTMENT (FOR WOODEN TOP BOARD CABINET)

Step-1
Align slide edge to door edge (*) and place the slide in the groove.
Mount the slide with screws.
Note:
For metal top board cabinet, remove the main body cover first. Different type at option.

Step-2
Place the door with the mounted units on the top board. Insert the main body to the cut-off part of top board.
Attach the mounting plates to the bottom of top board, and put the screws in.

Step-3
Upon completion of Step2, check sliding and soft-closing function of the door.
❶ If the door does not slide smoothly, make left and right adjustment of the door. (See Fig.1)
❷ If the closing speed of the door is too fast or too slow, make the necessary adjustments. (See Fig. 2)

Fig. 1
LEFT AND RIGHT ADJUSTMENT OF THE DOOR

Remove main body cover, and loosen mounting screws. Slide the door all the way in and out to find the right position for the best sliding function. Tighten all mounting screws, and place the main body cover back on. (This is for wooden top shelf cabinet.)

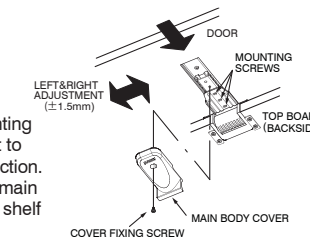
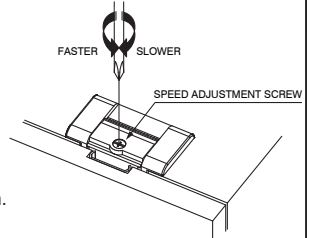


Fig. 2
CLOSING SPEED ADJUSTMENT

Close the door. And turn speed adjustment screws evenly.

Note:
Do not turn screws more than 1.5 turns counterclockwise from the tightened position.



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