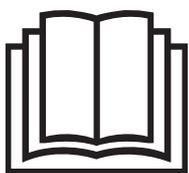




INSTALLATION MANUAL

BUILT-IN FRIDGE & FREEZER



Read this installation manual thoroughly before installing the appliance and keep it handy for reference at all times.

ENGLISH



MFL67410838
Rev.02_110722

www.signaturekitchensuite.com

Copyright © 2022 Signature Kitchen Suite. All Rights Reserved.

TABLE OF CONTENTS

This manual may contain images or content that may be different from the model you purchased.

This manual is subject to revision by the manufacturer.

IMPORTANT SAFETY INSTRUCTIONS

WARNING	3
CAUTION	5

INSTALLATION

Before Installation	7
Required Accessories and Tools.....	9
Product Dimensions	10
Moving Appliance into Enclosure.....	13
Leveling and Securing the Appliance	15
Panels and Trim.....	20

IMPORTANT SAFETY INSTRUCTIONS

WARNING

- TIP-OVER HAZARD
 - Use two or more people to move and install the refrigerator. To prevent the refrigerator from tipping over, install anti-tip brackets (provided). Failure to follow the refrigerator installation instructions can result in serious injury or death.
- To reduce the risk of fire, electric shock, or personal injury when using the product, basic safety precautions should be followed, including the following. Read all instructions before using this appliance.

Installation

- These products are not designed to be used as freestanding units. Doing so will result in a risk of tipover, personal injury, and product or property damage.
- Do not install the refrigerator near a gas stove, water heater or other source of ignition that may possibly leak gas. Do not install product in direct sunlight. Install the product in a well ventilated area.
- Ensure that enclosure dimensions allow for sufficient air circulation at the sides and back of the product. Do not block the front air inlet. Failure to follow these instructions may cause product malfunction.
- Enclosure must be constructed of materials which are strong enough to avoid damage during installation and frequent use.
- Cabinet materials must be able to withstand the heat and humidity produced during product operation and use without twisting or deforming.
- Install the product on a firm, level surface that can support the weight of the product without bending. The product must be level both horizontally and vertically.
- Keep children away from area during installation.
- Do not use an extension cord or power strip with this product.
- Do not install the refrigerator in a damp location or where it will be exposed to running water. Deterioration of the insulation on electrical parts may result, causing risk of electric shock.

- Connect to potable water only. Non-potable water can cause health risks.
- If connected to a circuit protected by fuses, use time delay fuse.
- Allow disconnection of the appliance from the supply after installation. The disconnection may be achieved by having the plug accessible or by incorporating a switch in the fixed wiring in accordance with the wiring rules.

Electrical Connection

- **Use a dedicated outlet.**
 - Plugging several devices into one outlet may cause a fire.
- **Plug in the power plug with the power cord facing downward.**
 - Failure to do so could damage the plug or cord, resulting in fire or electric shock.
- **When installing or moving the refrigerator, be careful not to roll over or damage the power cord. Do not squeeze or crush the cord or plug when pushing the refrigerator in.**
 - Doing so could result in fire or electric shock.
- **Do not allow the power cord to be bent, crushed, or damaged. Do not run the power cord under heavy objects like furniture, other appliances, or through high-traffic areas.**
 - Doing so may damage the power cord and result in fire or electric shock.
- **Do not extend or modify the length of the power cord.**
 - Use only an exact factory replacement part to avoid electrical issues, fire, or electric shock.
- **Turn off the power before cleaning or moving the refrigerator.**
 - Failure to do so may cause electric shock or injury.
 - Press the POWER button for 3 seconds to turn off the power at display panel.
- **Do not pull out the cord or touch the power plug with wet hands.**
 - Doing so may cause electric shock or injury.

- **Remove water or dust from the power plug and insert it securely into the wall socket.**
 - Dust, water, or a loose connection may cause a fire or electric shock.
- **Do not unplug the refrigerator by pulling on the cord.**
 - Doing so may cause electric shock or short circuit resulting in a fire.
- **Do not use the power cord or the power plug if it is damaged or if the outlet is damaged.**
 - Doing so may cause electric shock or short circuit resulting in a fire.
- **Wait for 5 minutes or longer when reconnecting the plug or turning the power back on.**
 - Give the compressor time to cycle before restarting.
- **If the supply cord is damaged, it must be replaced by the manufacturer or its service agent or a similarly qualified person in order to avoid a hazard.**

CAUTION

- **Do not stick your hands under the refrigerator.**
 - Sharp edges, fans, and wires may cause an injury.
- **Save these instructions for the local inspector's use.**
- **Observe all governing codes and ordinances.**
- **Installer: Leave these instructions with the consumer.**
- **Consumer: Keep these instructions with the owner's manual for future reference.**

General

- After unpacking, check the appliance for any damage that may have occurred during transit.
- Wait for at least 3 to 4 hours in order to ensure the refrigerant circuit is fully efficient.
- This appliance does not require changes in installation or use based on altitude.

6 IMPORTANT SAFETY INSTRUCTIONS

- To turn on the appliance, connect the power plug into the outlet socket. Do not double up with other appliances on the same outlet.
- To turn off the appliance, disconnect the power plug from the outlet socket.

INSTALLATION

Before Installation

⚠ WARNING

- Do not store or install the appliance where it will be exposed to:
 - outside weather
 - water damage
 - temperatures under 0 °C

Choosing the Install Location

Temperature and Humidity

- The appliance should be installed in a dry, well ventilated area.
- The ambient temperature should stay between 13 °C and 43 °C, to avoid malfunctions.
- Do not install product where it will be exposed to direct sunlight or near a heat source, such as an oven or radiator.

Anti-tip Devices

⚠ WARNING

- Tip Hazard
 - The appliance is very heavy and may tip over if the door is opened before the appliance is securely installed.
 - Install the supplied anti-tip brackets to prevent the appliance from tipping. The safest method of installing the appliance in a stable position is to use the supplied anti-tip devices.
 - Do not open the appliance door unless it is still on the pallet or the anti-tip brackets are engaged.
- If the enclosure is sturdy enough, attaching the appliance to the upper and side walls of the enclosure may provide additional stability, as long as the enclosure is firmly connected to the back wall. If in doubt, contact an architect or structural engineer.

Enclosure

- The panel above the appliance must be made from a solid material (not MDF) and at least 16 mm thick.
- The side walls of the cavity or enclosure must be flush.
- The front 100 mm of the interior surface (furniture return) will be visible when doors are open. Make sure this area is finished to at least 100 mm deep.
- Follow the specifications for the installation enclosure to ensure a trouble free installation.
- Above all, the enclosure cannot be out of square. Use a spirit level or measure the diagonals of the opening to make sure corners are square.
- The appliance is attached at the sides and the top to either the enclosure or to adjacent cabinets. Make sure the enclosure or the adjacent cabinets are securely connected to the floor or wall structures.

Floor

⚠ WARNING

- The floor in the installation area must be firm, level, and rigid for safe installation and best performance.
- Do not install the appliance on a platform or raised structure.
- The structure underneath the appliance must be able to support the weight of the appliance without tilting or flexing.
- For best performance and to avoid leakage, level the appliance.

Electrical Requirements

⚠ WARNING

- Electrical Shock Hazard

⚠ WARNING

- Plug into a grounded 3-prong outlet.
- Do not remove ground prong.
- Do not use an adapter.
- Do not use an extension cord.
- Failure to follow these instructions can result in death, fire, or electrical shock.
- Follow all state and local codes or NEC.
- The appliance comes with a UL listed 3 wire power supply cord.
- The appliance requires a 3-wire receptacle.
- The receptacle must be installed by a licensed electrician only.

Grounding

This appliance must be grounded. In the event of a malfunction or breakdown, grounding will reduce the risk of electric shock by providing a path of least resistance for the electric current.

⚠ WARNING

- Improper connection of the equipment grounding conductor may result in electric shock. Have the appliance checked by a qualified electrician or service technician if you are in doubt as to whether the appliance has been properly grounded.

NOTE

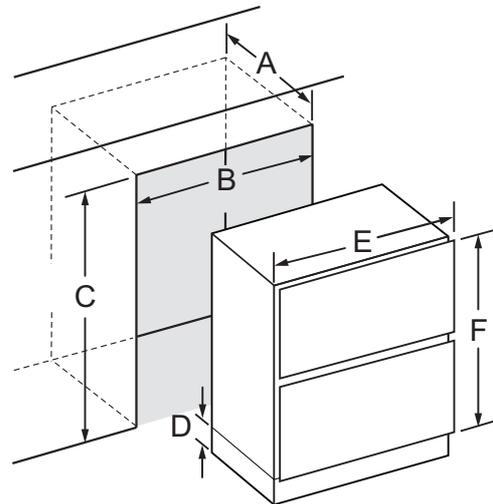
- Some local regulations may require a separate ground. In such cases, the required ground wire, clamp and screw are available as a separate accessory and must be purchased separately.
- Never ground the appliance to plastic plumbing lines, gas lines or water pipes.

Cutout Dimensions

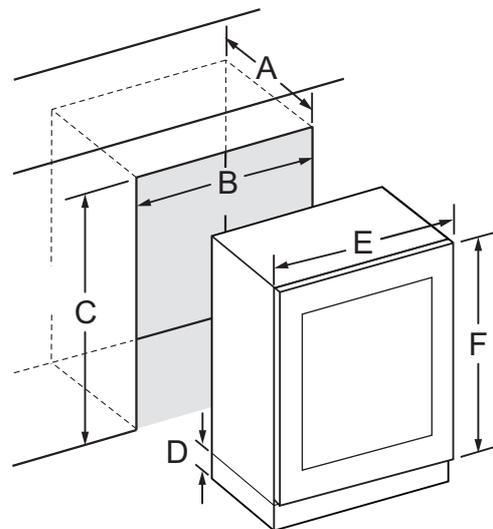
⚠ CAUTION

- The anti-tip bracket should be firmly fixed to a concrete wall/wood with strength of 15 t or greater, or a wall with equivalent strength. (The structure where the bracket is fixed should be a solid structure that can withstand a force of 70 kgf or greater.)
- Before installing the appliance, make sure that the enclosure is the correct size. For the appliance to operate properly, the notch in the bottom front plate must be aligned with the center of the appliance.

SKSUD2402P



SKSUW2401G



-	Size (mm)
A	605

-	Size (mm)
B	597 to 601
C	836
D	100
E	595
F	715

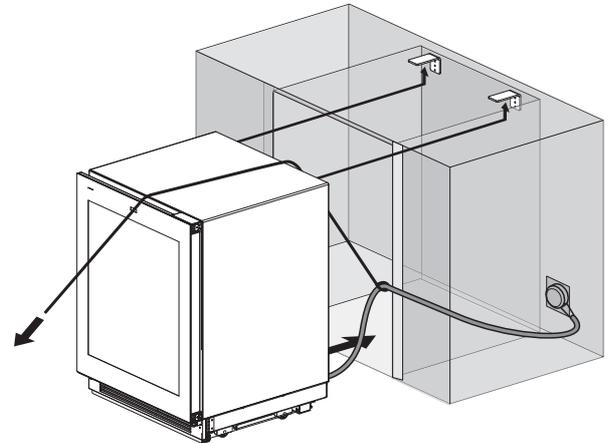
- A minimum 100 mm finished return that matches the cabinet exterior is recommended on all sides and at the top of the cutout opening. The shaded area will be visible after installation.
- Allow appropriate clearances between the appliance and the wall when installing the appliance.
 - Over 21 mm of clearance between the top of the appliance and the wall
 - Under 3 mm of clearance between the left or right side of the appliance and the wall

Electrical

- A 230 V, 50 Hz, 7,5 or 10 amp power supply is required. An individual, properly grounded branch circuit or circuit breaker is recommended. Install a properly grounded 3-prong electrical receptacle recessed into the back wall. Electrical must be located on rear wall as shown.
- When installing a single product, use a single outlet.

NOTE

- GFCI (ground fault circuit interrupter) is not recommended.



Required Accessories and Tools

Accessories

Supplied Accessories

- Installation instructions
- Operating instructions
- Installation kit

Screw	Size	No.	Used for
 A Type	5H x 45L	6	Anti-tip bracket
 B Type	4D x 14L	10	Anti-tip bracket (6) Enclosure (4)
 C-1 Type	4D x 6L	4	Enclosure

10 INSTALLATION

Screw	Size	No.	Used for
 C-2 Type	4D x 12L	12	Door panel

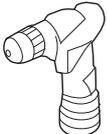
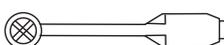
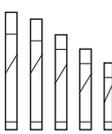
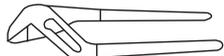
NOTE

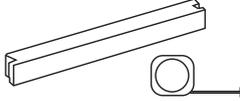
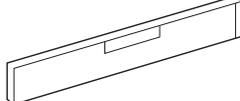
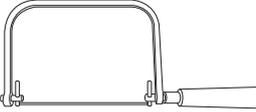
- In addition to the quantity required for installing the appliance, spare screws may be provided.

Other

- Dolly, hand truck
- Drill for drilling holes in wall or floor.
- Drill bits in various sizes and suitable for materials
- Wood screws in different sizes
- Thin plywood sheet, particle board or cardboard to protect the floor from damage
- Suitable material for covering and protecting furniture (e.g. protective sheets)
- Adhesive tape

Tools

	Cordless screwdriver
	Torx bit T20, T30 and magnetic holder
	Torx screwdriver T20, T30
	10 mm hex nut driver
	Various drill bits
	Multigrip pliers

	Adjustable spanner
	Cutter with adjustable blade
	Metal tape measure, folding rule
	Square
	Level, length 60 cm and 120 cm
	Saw to cut top trim pieces (for retrofit installation only)

Product Dimensions

The following installation instructions describe the installation steps for various appliance types.

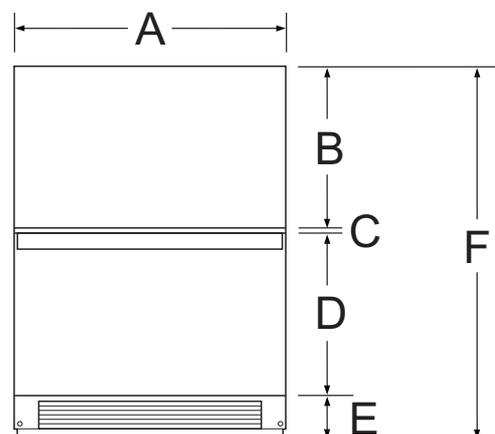
The diagrams may be a general representation of your appliance.

Particular reference is made to special installation steps for individual appliance types.

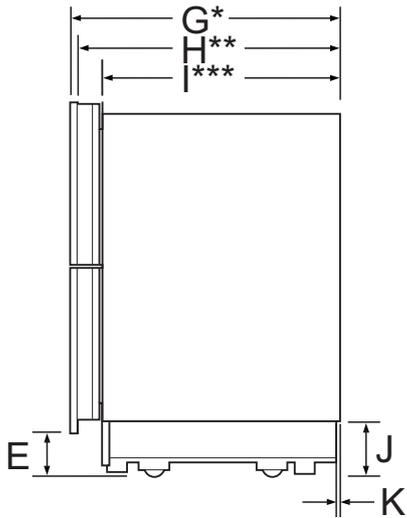
Product Dimensions

Model: SKSUD2402P

- Front View



• Side View

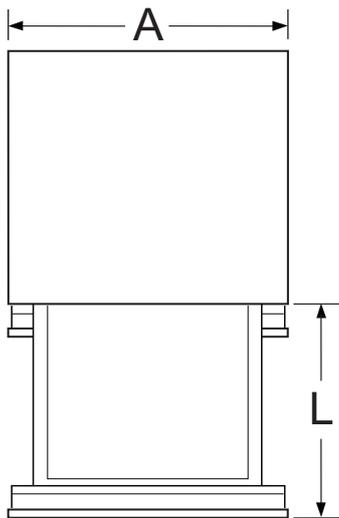


* Depth with 19 mm drawer panel

** Depth with drawers (no panel)

*** Unit depth without drawers

• Top View (Door Open)

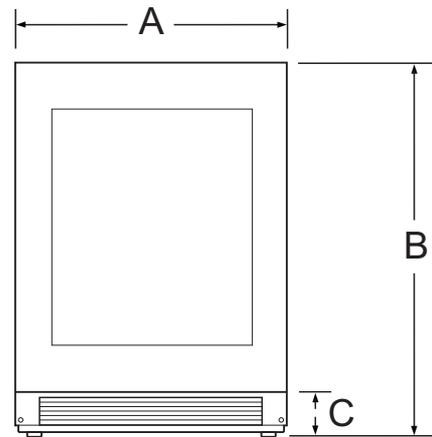


-	Size (mm)
A	595
B	346,5
C	38
D	330
E	97
F	815 (min.) to 825 (max.)
G*	590
H**	571

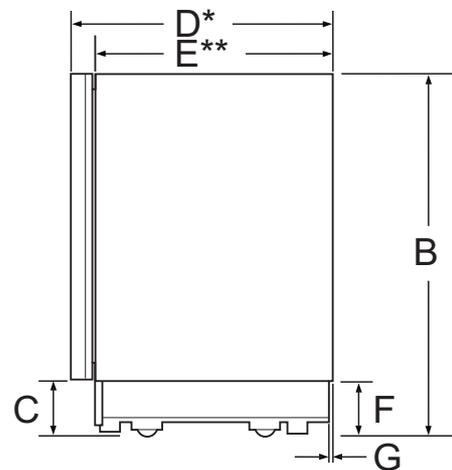
-	Size (mm)
I***	520
J	100
K	8
L	457

Model: SKSUW2401G

• Front View



• Side View



* Depth with door

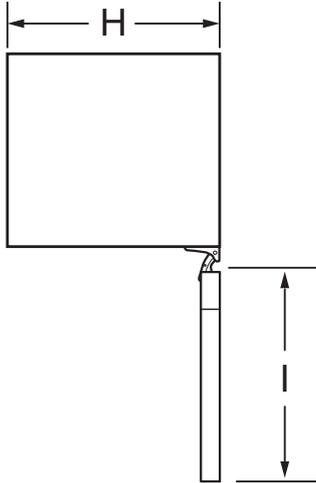
** Unit depth without door

-	Size (mm)
A	595
B	815 (min.) to 825 (max.)
C	97
D*	590

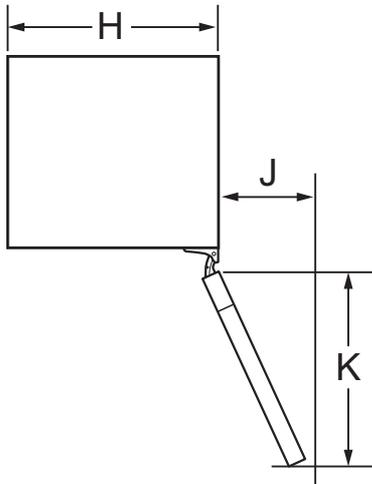
12 INSTALLATION

-	Size (mm)
E**	540
F	100
G	8

• **Top View (Door Open 90°)**



• **Top View (Door Open 115°)**



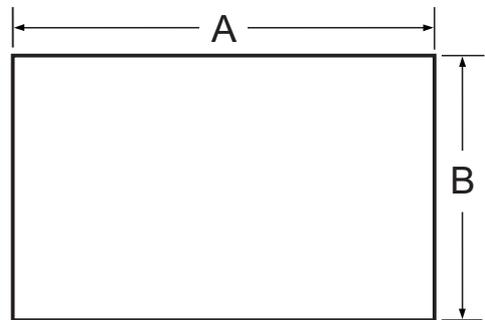
-	Size (mm)
H	595
I	659
J	247
K	621

- This unit can be installed with an optional Stainless Steel Panel Kit. Kit includes two drawer panels.
- **For Custom Panels:** Use templates provided with units to pre-drill holes for mounting panel brackets (provided with unit). Adjustment screws and instructions are also provided with units.

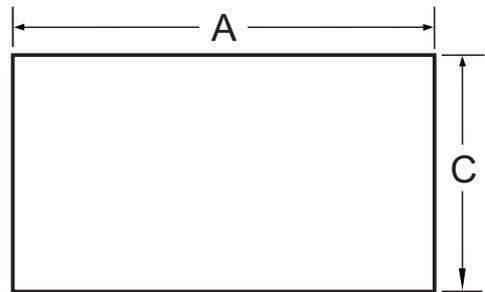
Custom Panel Dimensions

Model: SKSUD2402P

Upper Drawer Panel



Lower Drawer Panel



-	Size (mm)
A	595
B	346,5
C	330,5

NOTE

- The custom panel dimensions are different for the upper and lower drawers.

Optional Accessories

- **SKSUD2402P - Stainless Steel Panel for Undercounter Drawer Fridge and Freezer**

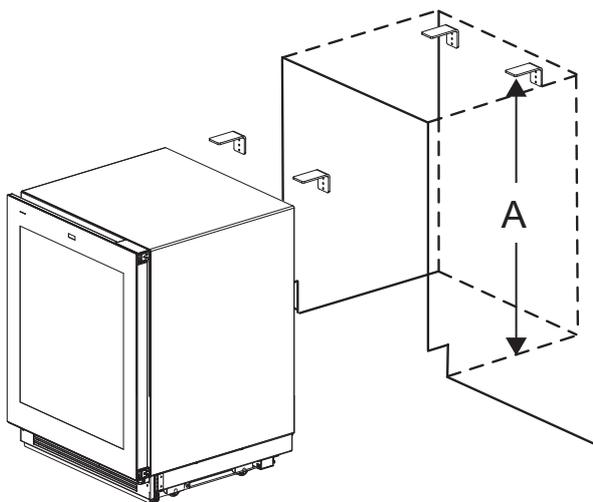
Moving Appliance into Enclosure

Installing the Anti-tip Brackets

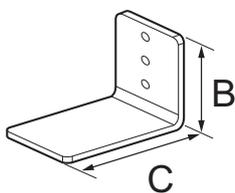
⚠ WARNING

- To avoid injury or damage, check for electrical wires or plumbing in walls before drilling or installing screws.
- The anti-tip bracket should be firmly fixed to a concrete wall/wood with strength of 15 t or greater, or a wall with equivalent strength. (The structure where the bracket is fixed should be a solid structure that can withstand a force of 70 kgf or greater.)

Install the anti-tip brackets at the rear of the enclosure, locating the brackets based on stud locations and product and enclosure dimensions.



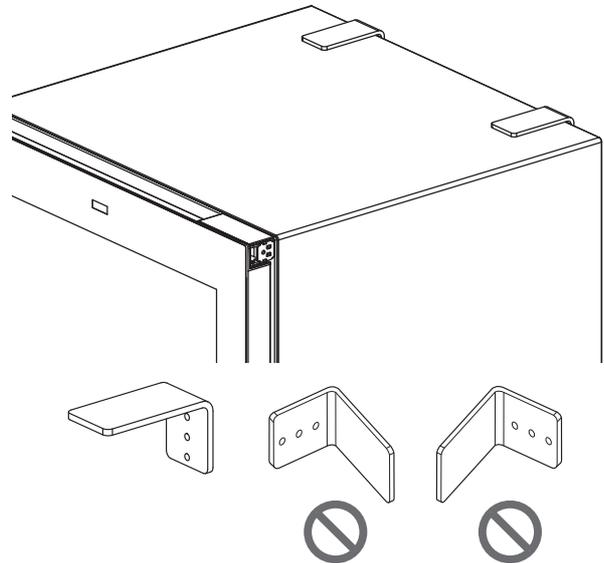
- Anti-tip bracket (2 ea)



-	Size (mm)
A	820
B	60
C	95

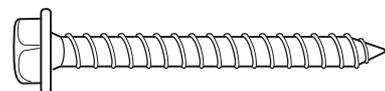
NOTE

- Brackets must be attached as shown below. The brackets could fail to prevent tipover of the unit if installed in an alternate orientation.



- Use A type or B type screws. (Recommended: Concrete wall → A type, Wood wall → B type)

- A type



- B type

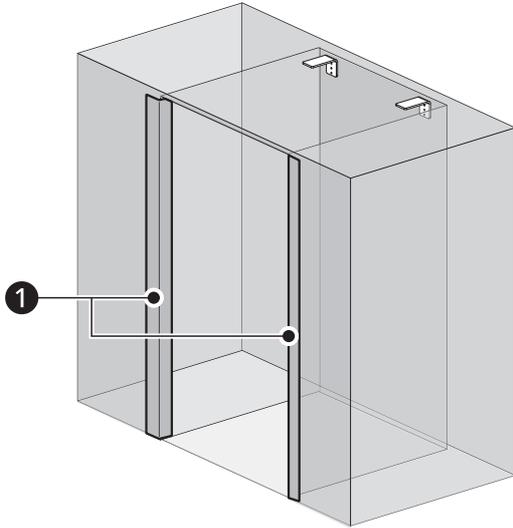


14 INSTALLATION

Protecting Edges of Enclosure

① Protective cover

To protect the front edges of the enclosure, tape thin cardboard or some other protective material around the edges.



Installing Appliance in Enclosure

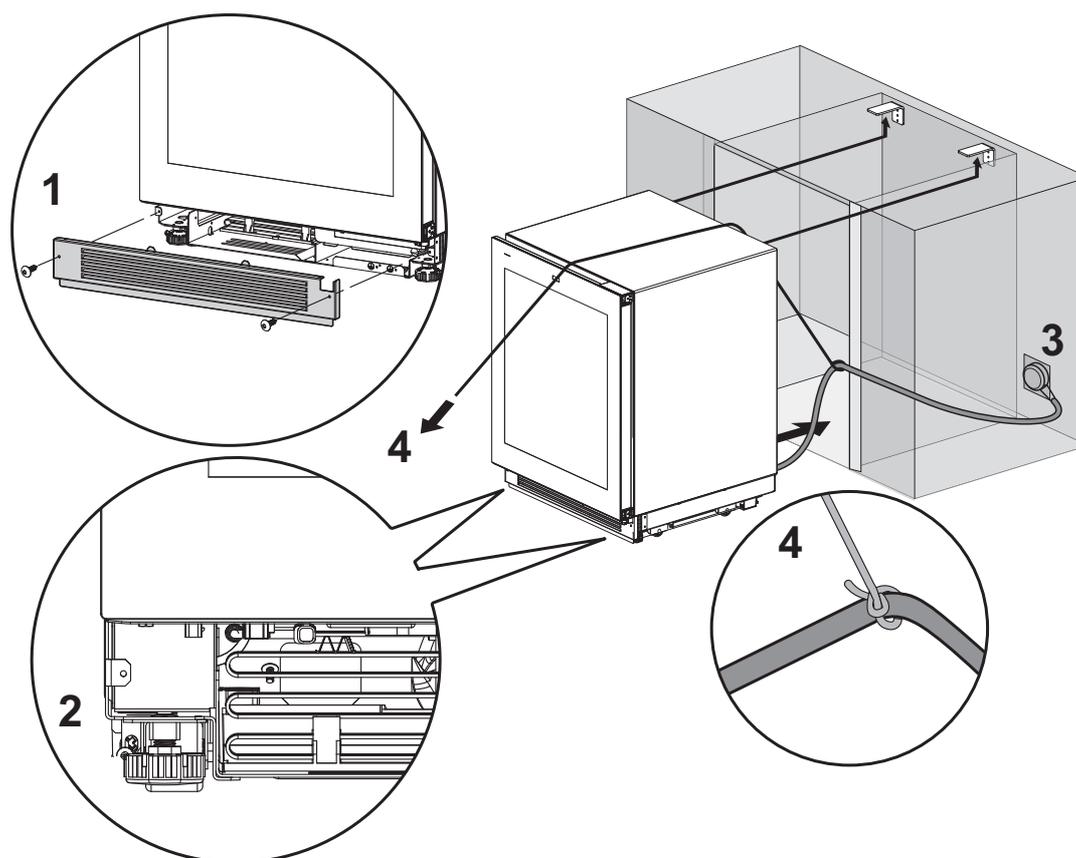
⚠ WARNING

- Use 2 or more people when installing the appliance. Take care when moving the appliance. It is very heavy and prone to tipping when not secured.
-

⚠ CAUTION

- Take care to avoid damaging the water line or power cord when moving the appliance into the enclosure.
- Before moving the unit into position, secure the door/drawers closed and protect any finished flooring.
- Use an appliance dolly to move the unit near the opening.
- The front levelling legs are extended below the front rollers to improve stability during placement. Once the unit is placed in front of the opening, completely retract the front levelling legs to allow the unit to be rolled into position. Front and rear levelling legs can be adjusted from the front once the unit is positioned.
- If the unit has been on its back or side, it must stand upright for a minimum of 24 hours before turning on the power.

- After the appliance is rolled into position, verify that the anti-tip brackets are properly engaged.



- 1 Remove the base panel.
- 2 Retract the levelling legs so the appliance can be wheeled forward.
- 3 Plug the power cord into the outlet.
- 4 Tie a long string around the middle of the power cord. Feed the string over the top of the appliance, pull it until the power cord is held high off the ground, then tape the string to the front of the appliance to hold the power cord off the ground. Do not pinch or strain the power cord. Make sure it is still plugged in.
- 5 Carefully move the appliance into the enclosure, making sure not to pinch the power cord or water line under or behind the appliance.
- 6 Remove the string from the power cord and the edge protection on the enclosure.

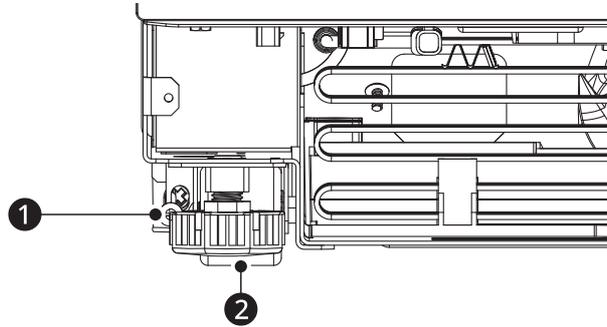
Leveling and Securing the Appliance

Aligning and Levelling the Appliance

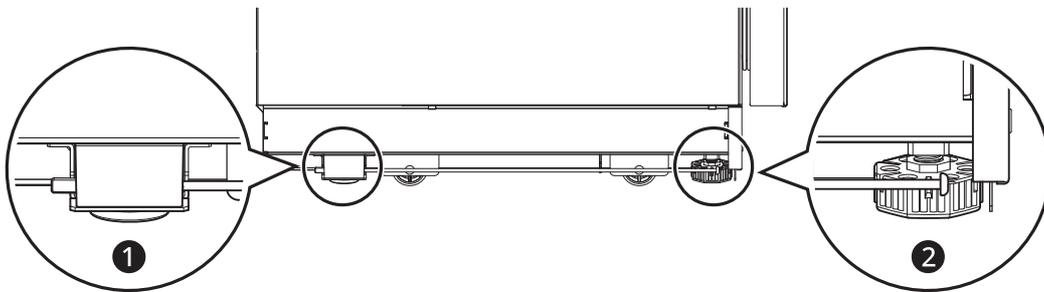
- Depth Adjustment

16 INSTALLATION

- Adjust the depth of the unit in the enclosure so the door panels will fit flush with the surrounding cabinetry. Use the gauge tool provided for a precise fit.
- Height Adjustment
 - The front and rear levelling legs can both be adjusted from the front.



- ① Rear adjustment
- ② Front adjustment



- ① Rear leg
- ② Front leg

- Levelling
 - Once the appliance is aligned properly in the enclosure, level it using the front and rear levelling legs.

- 1 Use a Phillips screwdriver and spanner to extend the front and rear levelling legs until they are in firm contact with the floor.



- 2 Turn the screws as shown above to raise the appliance. Turn the screws in the opposite direction to lower the appliance.
- 3 Make sure the weight of the refrigerator is carried on the legs, not the wheels.
- 4 Use a smartphone levelling app or place a carpenter's level on the top and sides of the appliance to check that it is level and plumb. Or use the provided gauge tool to measure the distance of the bottom edge of the appliance from the floor at the front corners.

⚠ WARNING

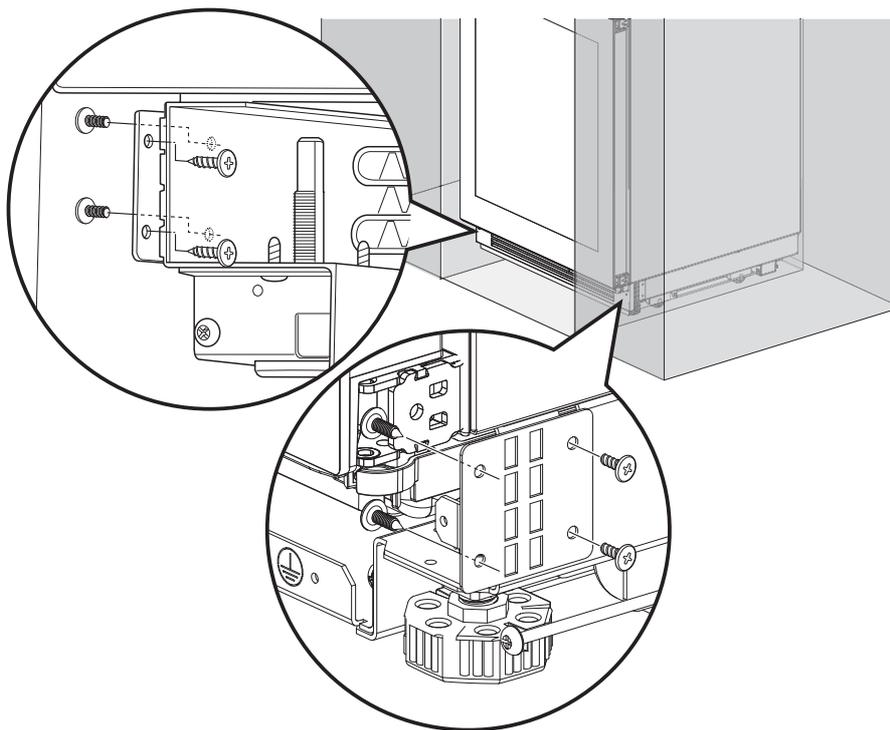
- To reduce the possibility of the unit tipping forward, the front levelling legs must be in contact with the floor.

⚠ CAUTION

- If using a power drill, use the lowest torque setting.
- Do not exceed 2,25 Nm of torque.
- 20 revolutions equal 2 mm of height adjustment.

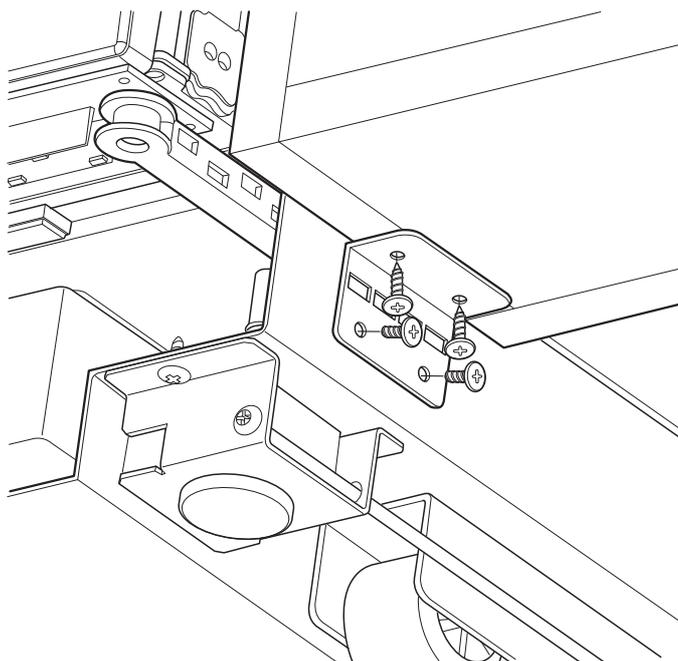
Attaching Appliance to Enclosure

- Tighten the side fixing bracket to the bottom left and right sides of the cabinet using the B type and C-1 type screws.
- Use the B type screw to fix the bracket to the cabinet and use the C-1 type screw to attach the bracket to the appliance.



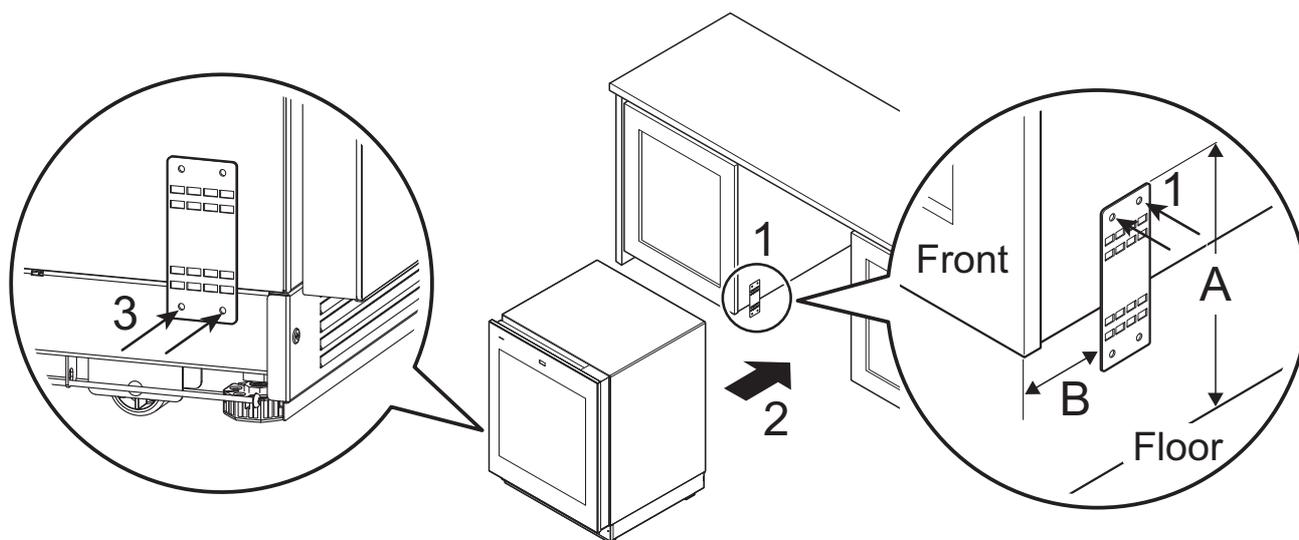
18 INSTALLATION

- If there is not enough space to tighten the screw on the side by the baseboard, attach the bracket to the bottom of the adjoining cabinet.



- **If the mounting bracket is attached to the cabinet first:**

- 1 Attach the bracket to the cabinet using a B type screw.
- 2 Insert the appliance, level the appliance with the adjoining cabinet, and secure the appliance by extending the front and rear legs.
- 3 After securing the appliance, attach the bracket to the appliance using a C-1 type screw.

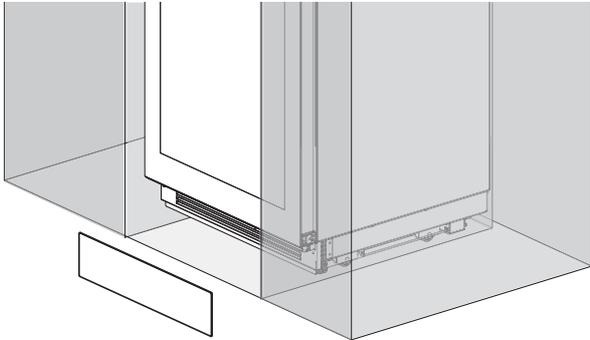


-	Size (mm)
A	170
B	135

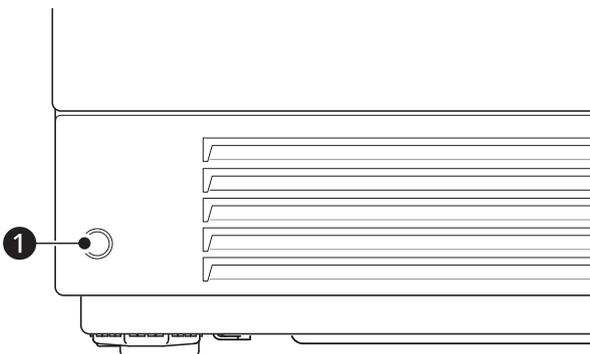
Attaching the Toe Kick Panel

⚠ CAUTION

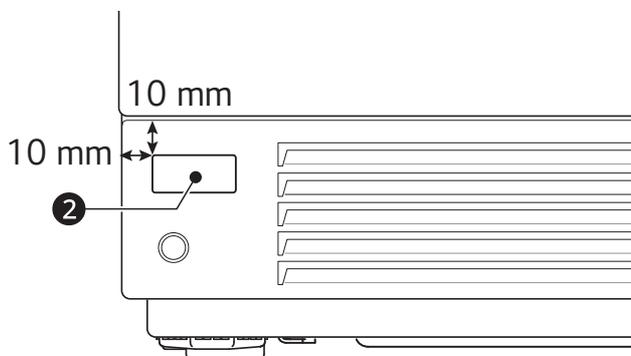
- Do not close the air vent in the bottom cover of the appliance.



- 1 Use a screw ❶ to attach the bottom cover to the appliance.



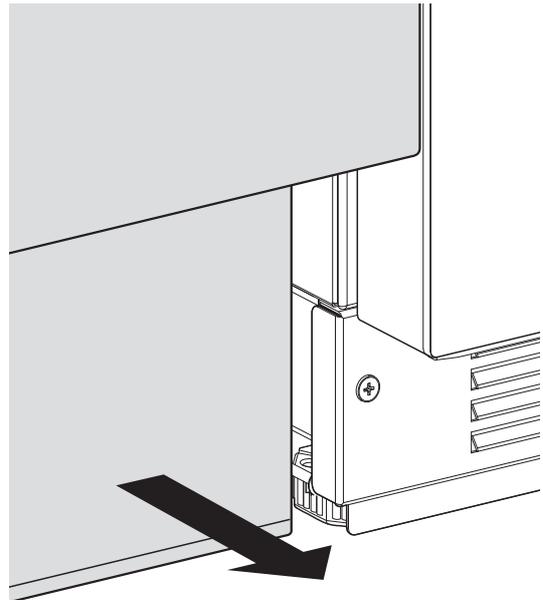
- 2 Attach the Smart Diagnosis label ❷ in the location shown.



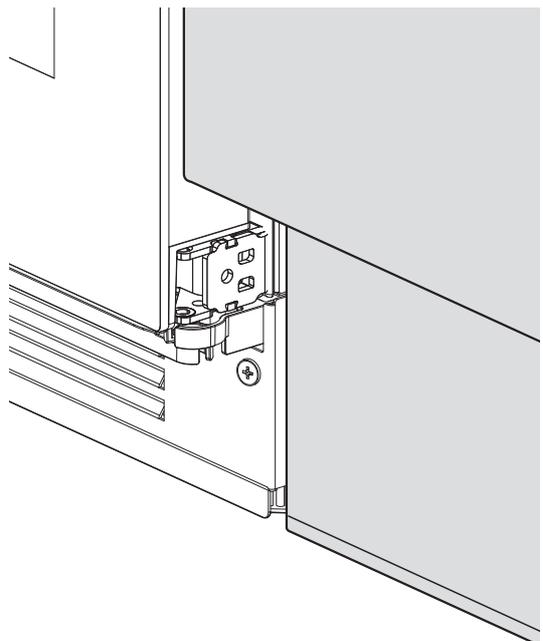
NOTE

- The Wi-Fi transmission and reception unit is located on the baseboard, so the reception may depend on the baseboard material.

- Finishing the baseboard installation
 - If the position (depth from the front) of the cabinet baseboard is different from the position of the appliance baseboard, adjust the cabinet baseboard so that it is aligned with the position of the appliance baseboard.
- To adjust the baseboard
 - Pull the cabinet baseboard forward and align it with the refrigerator baseboard.



- After adjusting the baseboard

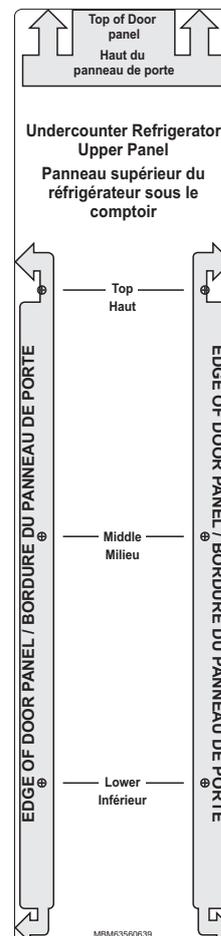
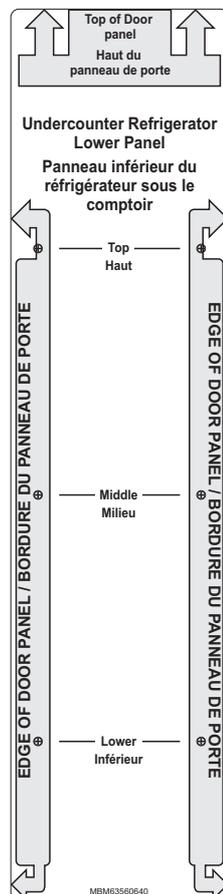


Panels and Trim

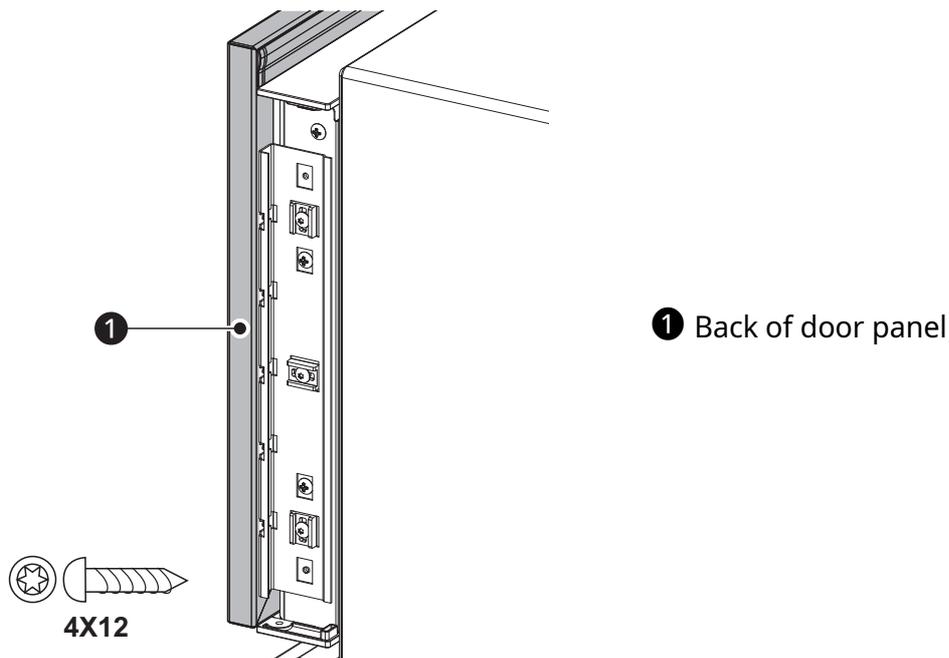
Installing Door Panels

The door panel should be installed first, followed by the upper then lower drawer panels, if needed.

- 1 Place the door panel face down on a protected surface.
- 2 Locate the correct side of the door panel template for your product and position the template flush with the top and left sides of the panel.
- 3 Use the template to mark the correct screw locations on the back of the panel.
- 4 Slide the template to the right so it is flush with the top and right sides of the panel.
- 5 Use the template to mark the correct screw locations on the back of the panel.
- 6 On fridge/freezer columns, begin inserting a C-2 type screw into the fifth hole from the top on each side. On wine columns, use the third hole from the top. Stop when the screws are 4 mm proud of the panel. These will be the support screws during the panel installation.
- 7 Insert the support screws in the slotted holes on the appliance door mounting brackets so that the panel is hanging on the door.



Mounting Door Panel



⚠ CAUTION

- Beware of pinch points when installing door panels or opening and closing doors.

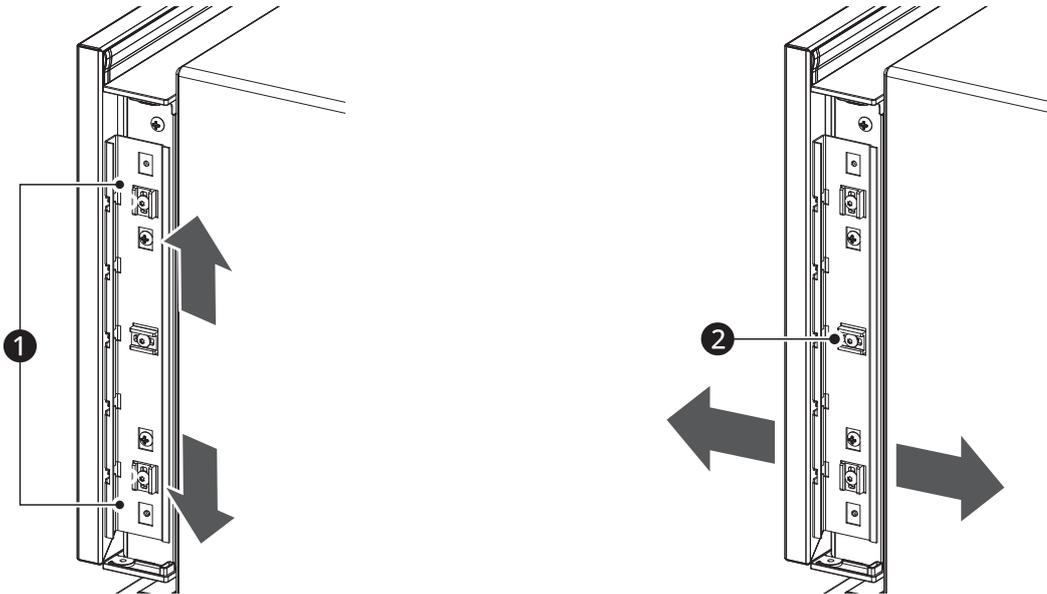
Adjusting Door Panels

Fine adjustments can now be made to align the door panels.

- 1 To adjust the door panel horizontally, slide the panel support screws left or right in the slotted holes as desired. Have an assistant hold the panel in place while you tighten the support screws and insert and tighten all remaining mounting screws.

22 INSTALLATION

- 2** To adjust the door panel vertically or back and forward, loosen the screws in the appliance door bracket. Move the plastic rails to make adjustments as desired. Have an assistant hold the bracket in place while you tighten all the bracket screws.

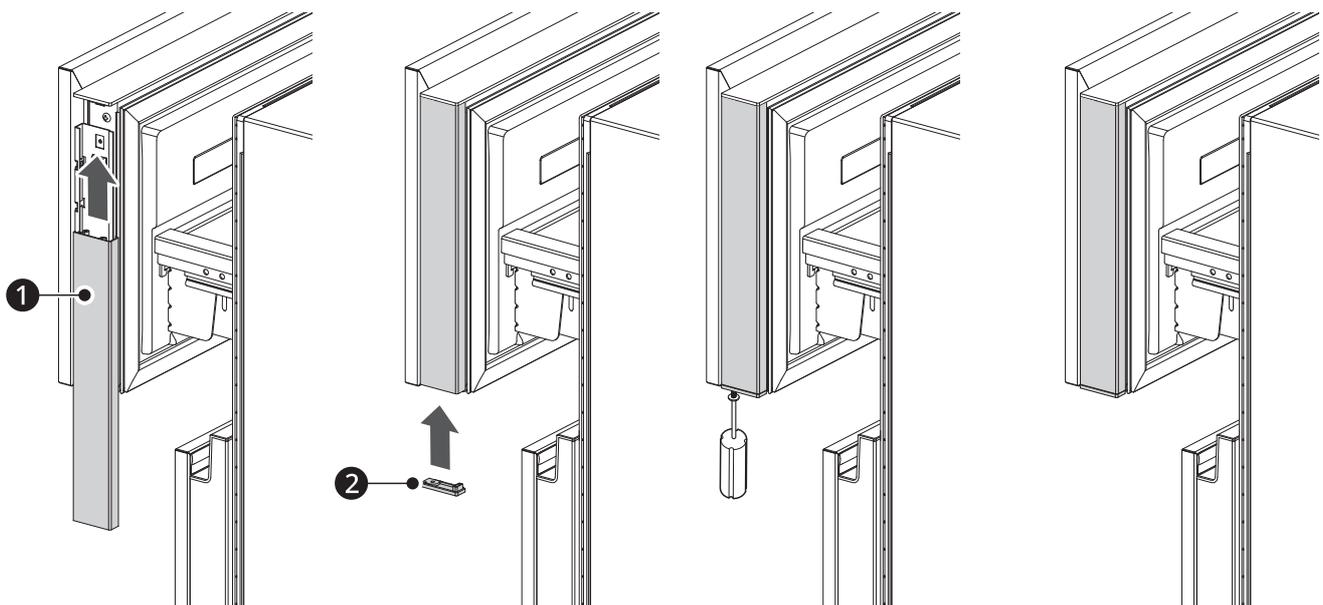


- 1** Up and down adjustment
2 In and out adjustment

Installing Door Trim

Model: SKSUD2402P

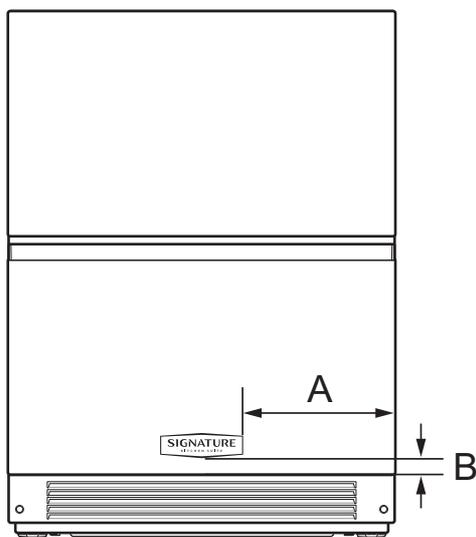
- After panels have been adjusted, install the decorative side trim on the doors.
- Install the door trim before tightening the cover using the provided screws.



- 1** Door trim
2 Cover

Attaching the Badge

Attach the following badge to a position which is 35 mm away from the bottom of the bottom door panel and 247,5 mm away from the right side horizontally.

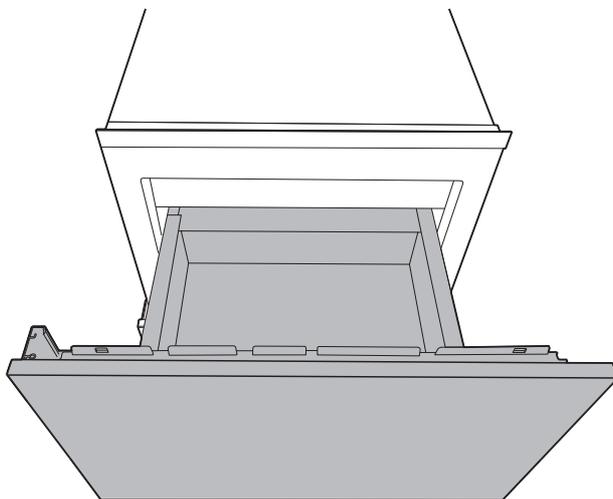


-	Size (mm)
A	247,5
B	35

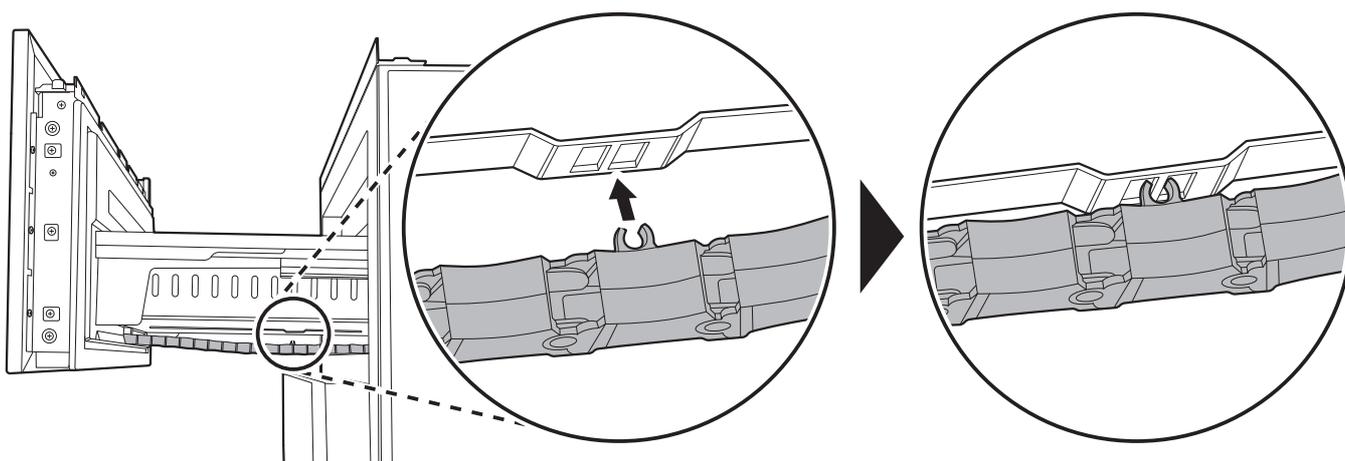
Inserting the Link Assembly

Model: SKSUD2402P

- 1** After installation, open the upper drawer and check that the link assembly at the bottom of the drawer is inserted.



- 2** If the link assembly is not inserted, insert it at the bottom of the drawer.



Memo

Memo