

Haier

DISHWASHERS

Model XDD 66E5LS



INSTALLATION GUIDE
EN

① SAFETY INSTRUCTIONS AND WARNINGS

⚠ WARNING!	
	Risk of electric shock Before installing the dishwasher, remove the house fuse or turn off the power at the circuit breaker. If the dishwasher is to be permanently connected, make sure that the power supply is isolated and that the dishwasher is disconnected.
	EARTHING INSTRUCTIONS This appliance must be earthed. In the event of a breakdown or operational problem, earthing reduces the risk of electric shock by providing a path of least resistance to the electric current. This appliance is equipped with a power cord fitted with a conductor and plug with earthing. This plug must be plugged into a properly installed and earthed outlet in accordance with all local codes and regulations. WARNING - Improper connection of the earthing conductor of this appliance may increase the risk of electric shock. Contact a qualified electrician or service representative if you are not sure whether the appliance is properly earthed.
	If the dishwasher is installed to be permanently connected: EARTHING INSTRUCTIONS - This appliance must be connected to a permanent earthed metal wiring system, or an equipment earthing conductor must accompany the circuit conductors and be connected to the equipment earthing terminal or wire on the appliance. Do not modify the plug supplied with the appliance - if you are unable to insert it into the wall socket, have a suitable socket installed by a qualified electrician. Do not use extension cords, adapter plugs or multi-outlet boxes. Failure to comply with these instructions may result in electric shock or death.

⚠ WARNING!	
	Cutting risk Be careful, the edges of the panel are sharp. Injuries or cuts may occur if you are not careful.

⚠ WARNING!	
The installation of recessed front panels requires access to the electrical connection areas. This work must be carried out and certified by a qualified electrical installation technician.	
	Risk of electric shock WARNING: To reduce the risk of electric shock, fire or injury, the installer must ensure that the dishwasher is fully enclosed at the time of installation. Before attaching the front panels and connecting the 'pause contact' module (if required), the installer must ensure that the dishwasher is disconnected from the electrical supply. After installing the front panels, the installer must ensure that the following components are earthed: the panel fastener and any custom metal components (e.g. handle) that protrude from the rubber seal. Failure to observe these warnings may result in electric shock, injury or fire.

① SAFETY INSTRUCTIONS AND WARNINGS

IMPORTANT SAFETY INSTRUCTIONS

- The installation of this dishwasher requires basic mechanical and electrical knowledge.
- Make sure to give these instructions to the customer.
- The installation must comply with local building regulations and electrical and plumbing codes.
- Once the installation of the dishwasher is complete, the installer must complete the final checklist.
- Remove all packaging materials supplied with the dishwasher.
- This dishwasher is designed for indoor use only.
- Make sure that all water connections are closed (OFF). The plumber and electrician are responsible for ensuring that each installation complies with all codes and regulations.
- The dishwasher **MUST** be installed in such a way that it can be removed from the installation site when repairs are required.
- The switch-controlled socket must be located outside the dishwasher cavity so that it remains accessible after installation.
- Take all necessary precautions when installing or removing the appliance to avoid damage to the power cord and hoses.
- If the dishwasher has to be moved from one place to another, transport it upright to avoid damage from water spills.
- Make sure that only new hoses (supplied with the dishwasher) are used to make connections. Used hoses should not be reused.
- Failure to install the dishwasher correctly may invalidate the warranty and any claims.

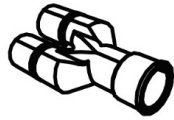
IMPORTANT SAFETY INSTRUCTIONS

- If the product is installed in a motor vehicle, boat or similar mobile facility, you must bring the vehicle, boat or mobile facility containing the product to the repair shop at your own expense or pay for the service technician to travel to the location of the product.

② PARTS SUPPLIED



Drainage hose holder (1)



Drainage hose connection (1)



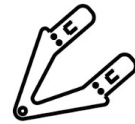
Metal clip (2) (for attaching the drainage hose connection)



Hose clamp (1) (for securing the drainage hose connection)



Set of side fasteners (A and B) (2) OPTIONAL



Top fasteners (2) OPTIONAL



5/8" (16 mm) star head screw (9)



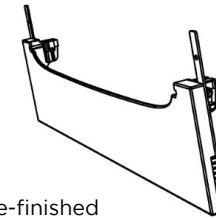
Rubber washer for the supply hose (1) (already installed)



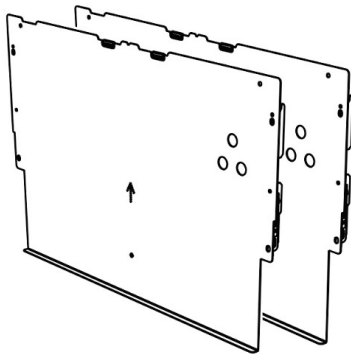
Moisture-proof tape (1) (to prevent moisture damage to cabinets)



Hexagonal sockets for leg adjustment (2) (long and short)



Pre-finished skirting board (1)



Panel fastener (2) and pause contact module (2) (attached to product on delivery)



Panel mounting screws (12)



Skirting board fastener cutting template (1) (To enable the cutting of a custom-made skirting board panel to fit the product profile, depending on the depth of the skirting board)



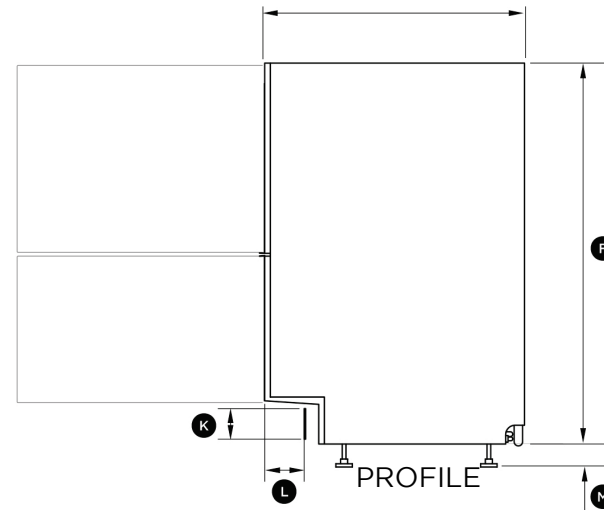
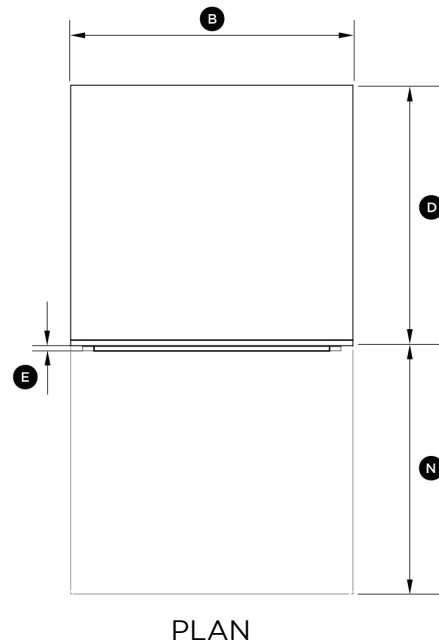
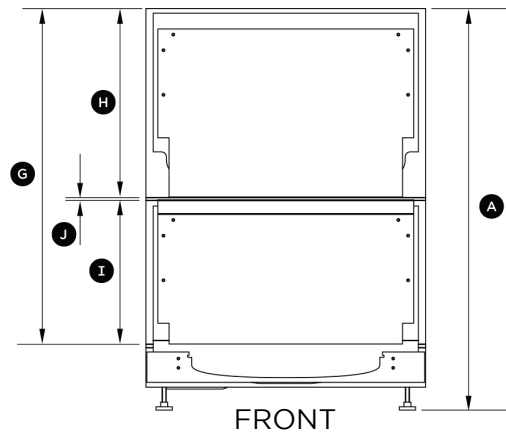
Skirting board fastener (1) (A custom-made skirting board panel made of any material with a thickness of 3/8" - 3/4" (9 - 19 mm) can be screwed to the skirting board fastener)



Skirting board fastening screws (5)

If the drainage hoses supplied are not long enough to connect, you must use a drainage hose extension kit (part no. 525798), which extends the drainage hoses by 11' 10" (3.6 m).

③ PRODUCT DIMENSIONS



XDD 66E5LS

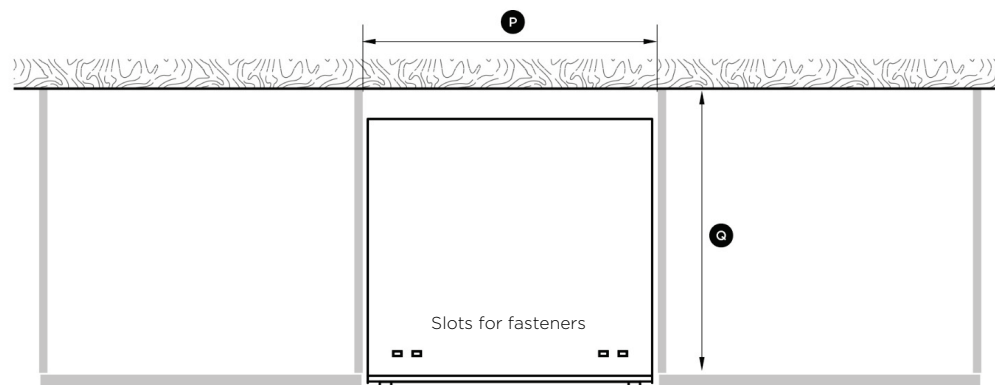
PRODUCT DIMENSIONS	MM
Ⓐ Overall product height ^{1,2}	820-880
Ⓑ Overall product width	599
Ⓒ Overall product depth	571
Ⓓ Frame depth (to back of drawer front panel)	553
Ⓔ Drawer front panel depth	16-20
Ⓕ Frame height ¹	811
Ⓖ Height of drawer front panels	min. 717
Ⓗ Height of top drawer front panel	min. 398
Ⓘ Height of bottom drawer front panel	311-360
Ⓙ Ventilation space between drawer front panels	8
Ⓚ Skirting board height (customisable)	58-118
Ⓛ Depth from front of drawer panel to front of skirting board (adjustable) ^{4,5}	40-100
Ⓜ Height of levelling legs (adjustable) ²	9-69
Ⓝ Maximum drawer extension	545

¹ includes 1/16" (2 mm) high fastener slots ² depending on levelling foot adjustment

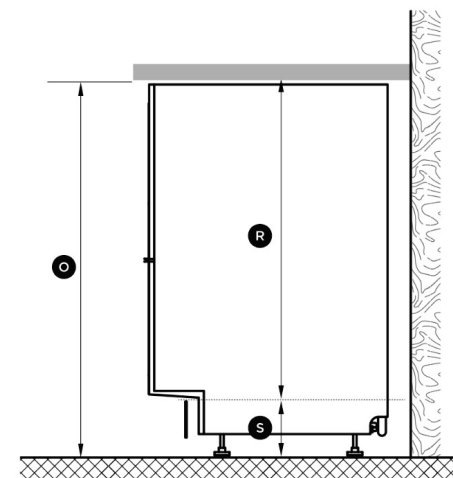
⁴ adjustable to match the skirting board cavity of adjacent cabinets

⁵ assuming the thickness of the custom-made skirting board panel is 11/16" (18 mm); if the depth of the cavity is 1 15/16" to 3 5/16" (50 to 84 mm), the panel will need to be cut - see 'Calculations for custom-made panel' step

④ CABINET DIMENSIONS



PLAN



PROFILE

CABINET DIMENSIONS

Ⓒ Internal cavity height*

⒫ Internal cavity width

Ⓖ Internal cavity depth

Ⓓ Recommended height for adjacent cabinet space

Ⓔ Height of skirting board space*

* depending on the adjustment of the levelling feet

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MM

min. 820

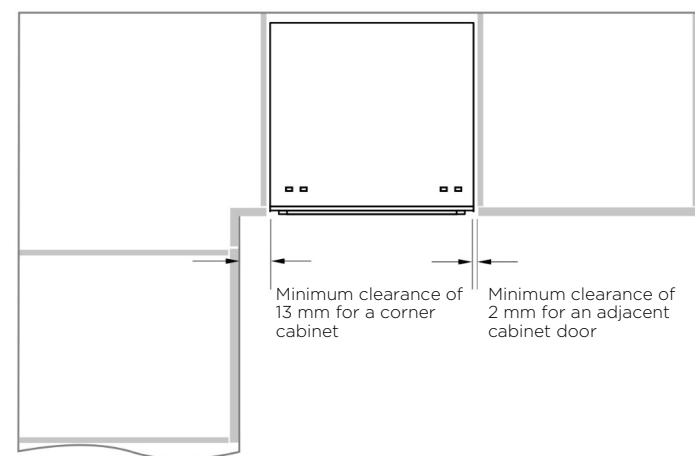
600

min. 560

720

100-160

Minimum clearance to adjacent cabinets



⑤ CALCULATIONS FOR THE CUSTOM-MADE DRAWER PANEL

MATERIAL CHARACTERISTICS OF THE FRONT PANEL

- Panel thickness 16 to 20 mm
- Adequate seal to withstand moisture (122 °F/50 °C with 80% RH) Due to exposure to a generally warm and humid environment, the back and sides of the panel must be fully sealed with an impermeable steam barrier (e.g. polyurethane) to avoid damage to the panel.
- The rear of the panel (including any recessed handles) must be perfectly aligned so that the seal is held between the panel and the rubber gasket.
- Installation outside these specifications may result in condensation on cabinet surfaces.
- Maximum weight of each panel: 20 lbs (9 kg)

The following calculations assume that the top of the top panel is aligned with the top of the adjacent cabinet.

The final panel/cabinet alignment is achieved by adjusting the feet:

WIDTH OF ALL PANELS

Take measurement **A** (the width between the fronts of adjacent doors/drawers) and record it in the first box below, then complete the equation.



$$\begin{array}{c} \text{Clearance to the front of the} \\ \text{adjacent cabinet} \end{array} \quad \begin{array}{c} \text{A} \\ \boxed{} \end{array} - 2 \times \begin{array}{c} \boxed{} \\ \text{(min. 2 mm)} \end{array} = \begin{array}{c} \text{PANEL WIDTH} \\ \boxed{} \\ \text{(596 - 615mm)} \end{array}$$

TOP PANEL HEIGHT



$$\begin{array}{c} \text{Minimum} \\ \text{height} \end{array} \quad \begin{array}{c} \text{B} \\ \text{Top panel extension} \end{array} \quad \begin{array}{c} \boxed{} \\ \text{(0 mm recommended)} \end{array} = \begin{array}{c} \text{TOP PANEL HEIGHT} \\ \boxed{} \end{array}$$

Note: Top panel extension **B** allows the top panel to extend above the frame when required; however, a space of min. 2 mm must be maintained in relation to the countertop.

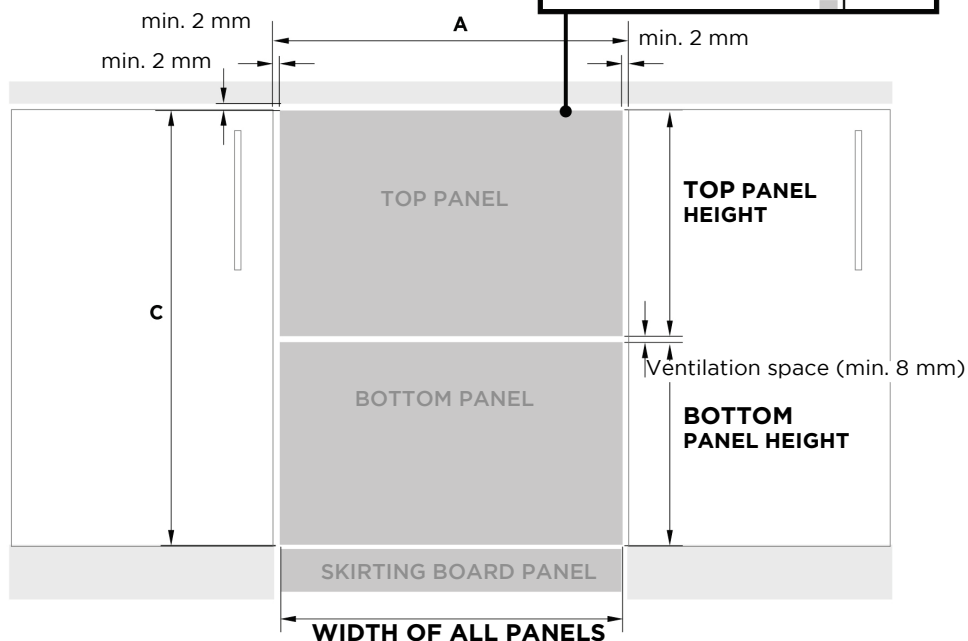
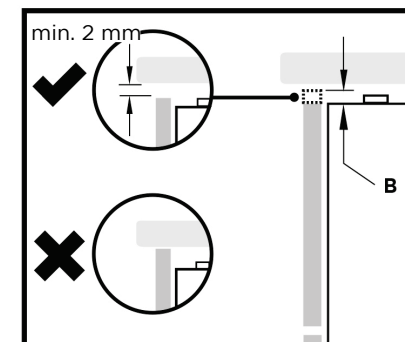
BOTTOM PANEL HEIGHT

Take measurement **C** (door/drawer height (or equivalent)) and record it in the first box below, then complete the equation.



$$\begin{array}{c} \text{C} \\ \boxed{} \\ \text{(min. 717 mm + B)} \end{array} - \begin{array}{c} \text{Top panel height} \\ \boxed{} \end{array} - \begin{array}{c} \text{Ventilation space} \\ \boxed{} \\ \text{(min. 8 mm)} \end{array} = \begin{array}{c} \text{BOTTOM PANEL HEIGHT} \\ \boxed{} \\ \text{(min. 311 mm)} \end{array}$$

Note: Top panel extension **B** allows the top panel to extend above the frame when required; however, a space of min. 2 mm must be maintained in relation to the countertop.



⑥ CALCULATIONS FOR THE CUSTOM-MADE SKIRTING BOARD PANEL

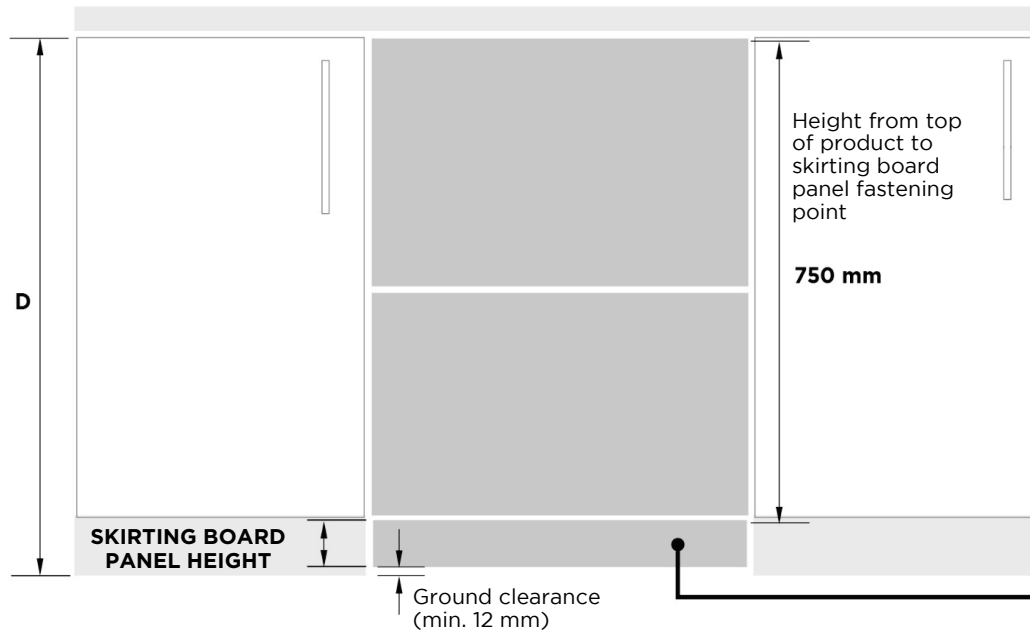
MATERIAL CHARACTERISTICS OF THE SKIRTING BOARD PANEL

- Panel thickness of at least 9 mm if using the screws provided
- Adequate seal to withstand moisture (122 °F/50 °C with 80% RH)
- You can choose to fasten your custom-made skirting board panel by screwing or gluing it to the fastener provided.

SKIRTING BOARD PANEL HEIGHT

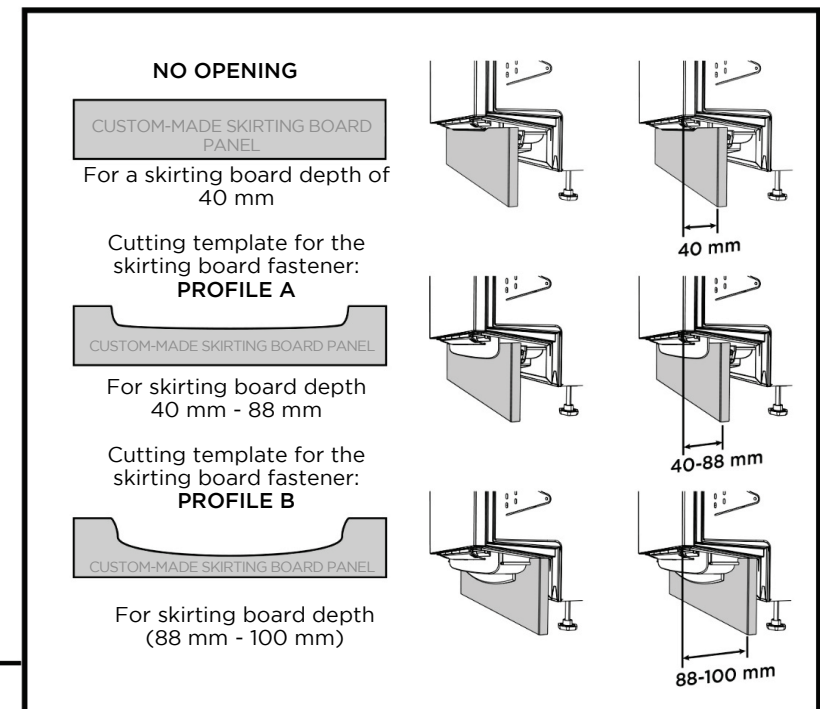
Take the measurement **D** (the height from the top front of the adjacent cabinet door to the floor) and record it in the first box below, then complete the equation.

$$\begin{array}{ccccccc}
 \text{D} & & \text{B} & & \text{Height from top of} & & \text{SKIRTING BOARD} \\
 & & \text{Top panel} & & \text{product to skirting board} & & \text{PANEL HEIGHT} \\
 & & \text{extension} & & \text{panel fastening point} & & \\
 & & & & \text{Ground clearance} & & \\
 \boxed{} & - & \boxed{} & - & 750 \text{ mm} & - & \boxed{} = \boxed{} \\
 (0 \text{ mm recommended}) & & & & & & (min. 12 \text{ mm}) \quad (min. 58 \text{ mm})
 \end{array}$$

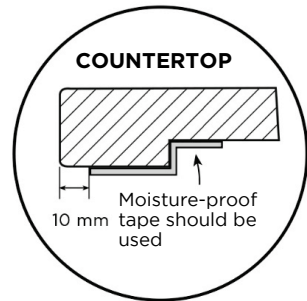


Skirting board depth

Depth is measured from the FRONT of the door panel (assuming -18mm thickness at the front of the custom-made skirting board label)



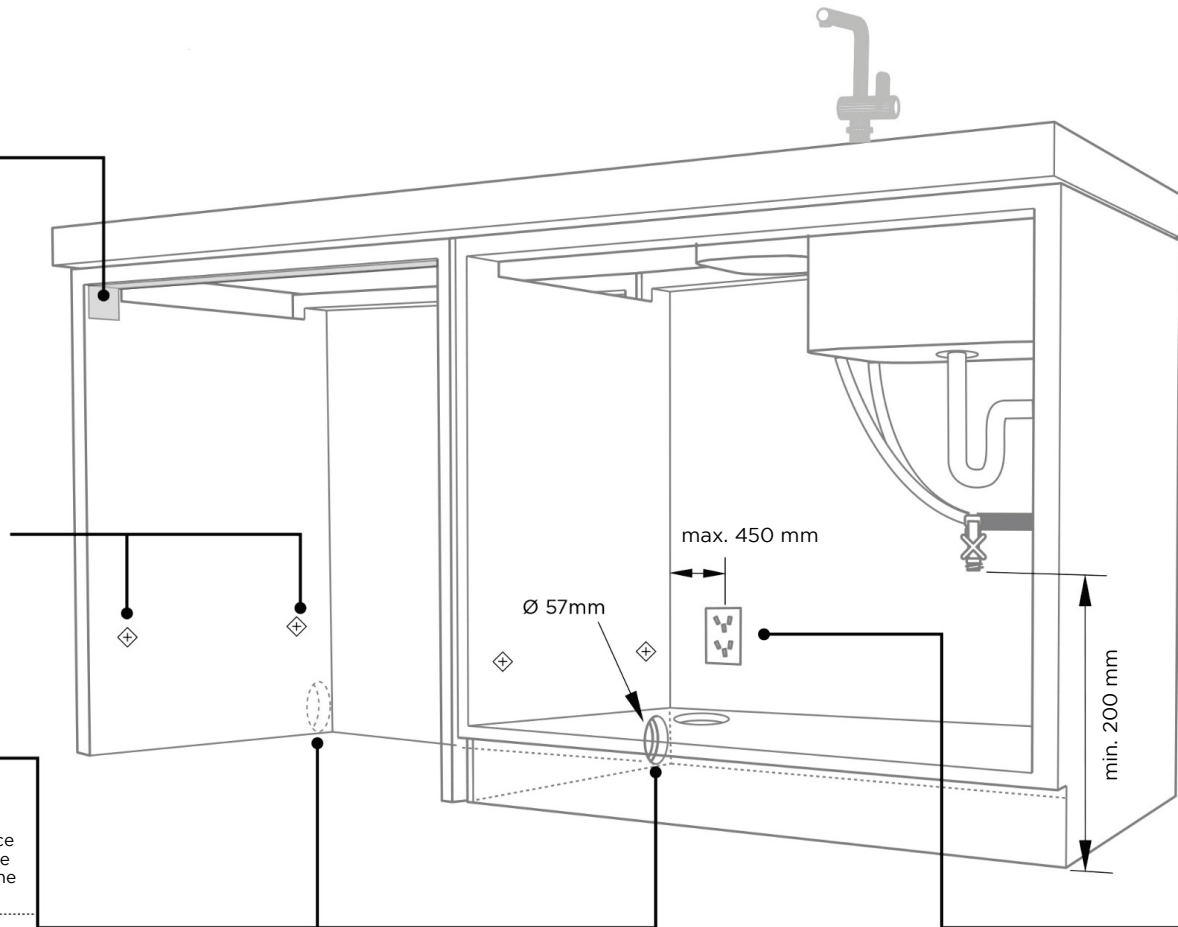
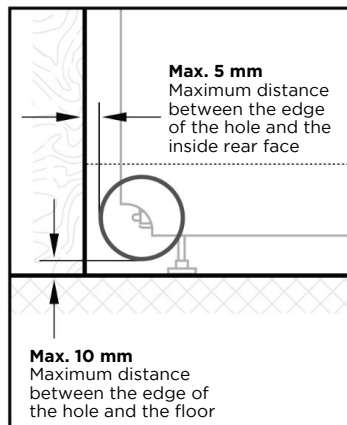
⑦ CAVITY PREPARATION



These markings indicate the locations for the screws of the fasteners (if you are installing by removing the drawer).

If there is no side wall, you can make a wooden reinforcement piece to fasten the appliance.

WARNING!
Incorrect positioning of the hole may result in damage to the hoses.



Service holes

The holes can be positioned on either side of the dishwasher, near the back and floor, as shown, to allow access to the water supply and drainage.

- If the hole is drilled in wood, you must round and sand the edges.
- If the hole is drilled in metal, you must install the cover supplied to prevent damage to the power cord.

Water connection

COLD recommended (maximum 60°C).

3/4" BSP (GB20) to fit the flat washer.

Water pressure

Models with water softener

Max. 1 MPa (145 psi)
Min. 0.1 MPa (14.5 psi)

Models without water softener

Max. 1 MPa (145 psi)
Min. 0.03 MPa (4.3 psi)

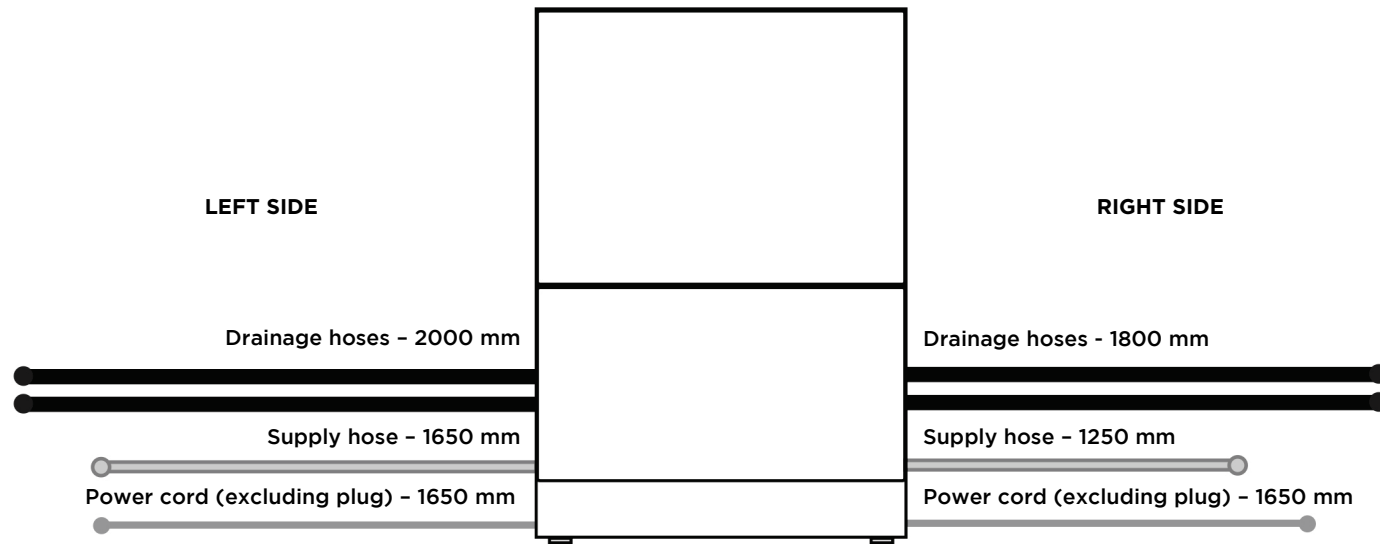
Kosher requirements

Drainage hoses will need to be separated to meet the requirements of kosher facilities. We advise you to consult your rabbi about the standards for kosher facilities.

IMPORTANT!

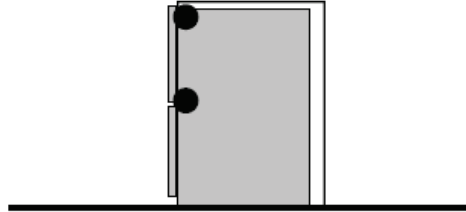
The electrical socket should be in a cabinet adjacent to the dishwasher cavity. 220-240 V AC max. 9.5 A

⑧ **MAXIMUM DISTANCE OF HOSES AND POWER CORD FROM THE EDGE OF THE FRAME**

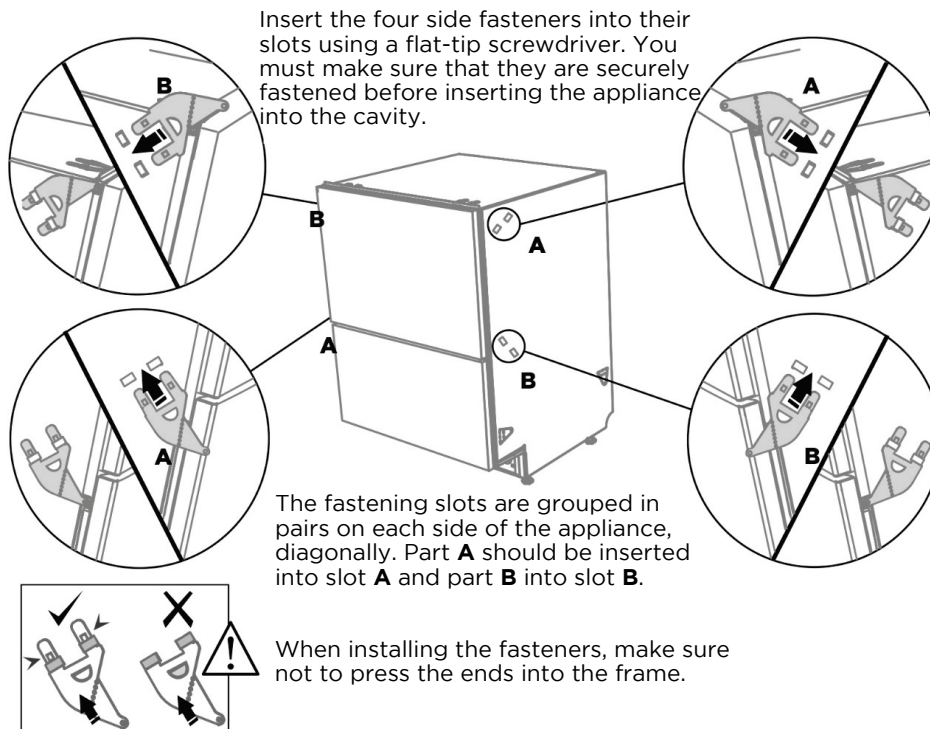


NOW CHOOSE THE INSTALLATION METHOD (A) OR (B) THAT BEST SUITS YOUR CABINETS...

⑨ RECOMMENDED METHOD (A) – FIXING WITHOUT REMOVING THE DRAWER (ONLY FOR CABINETS WITHOUT LIMITS)



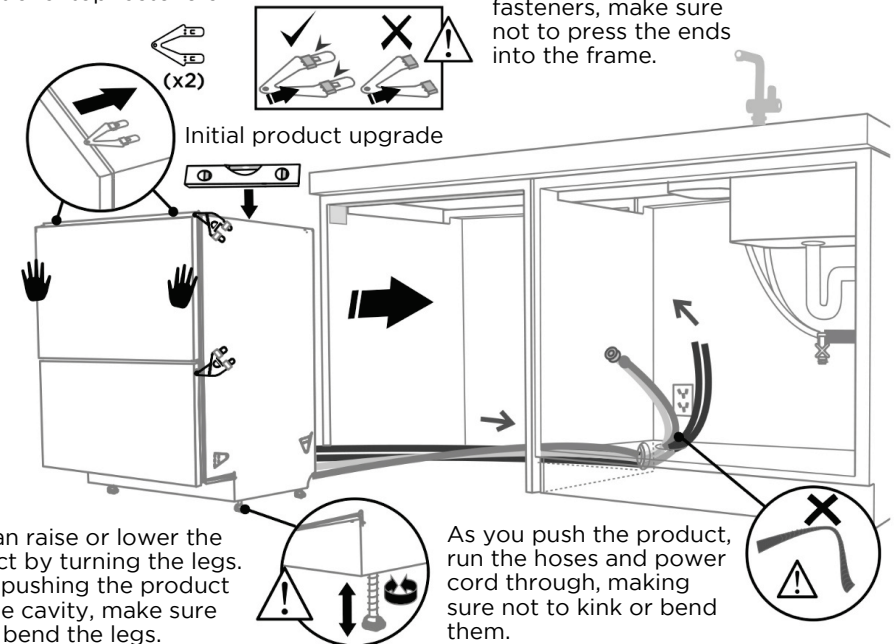
⑨-A INSTALL THE SIDE ATTACHMENTS



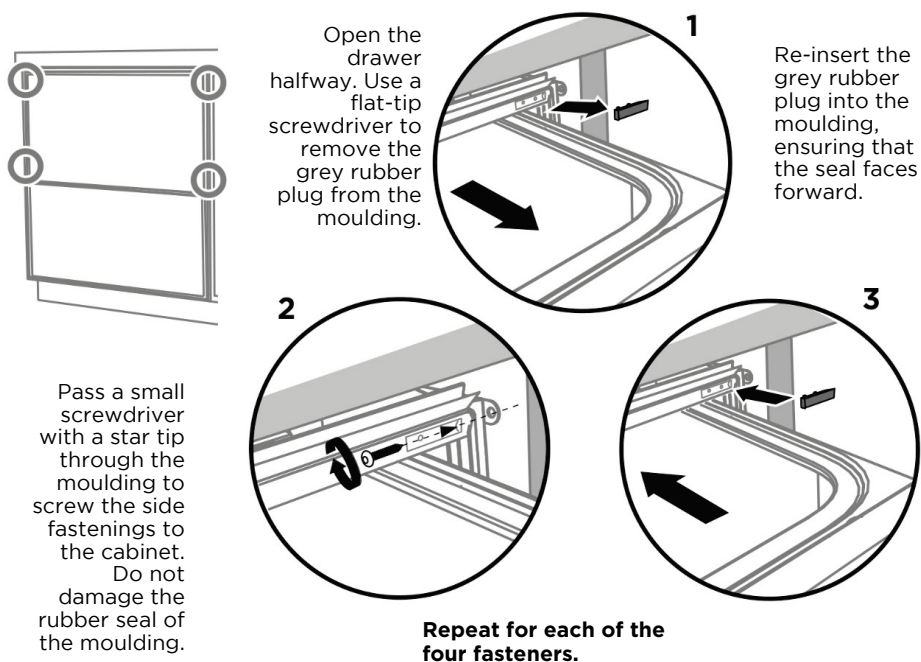
⑩-A RUN THE HOSES AND PUSH THE APPLIANCE INTO THE CAVITY

You can attach the two optional top fasteners.

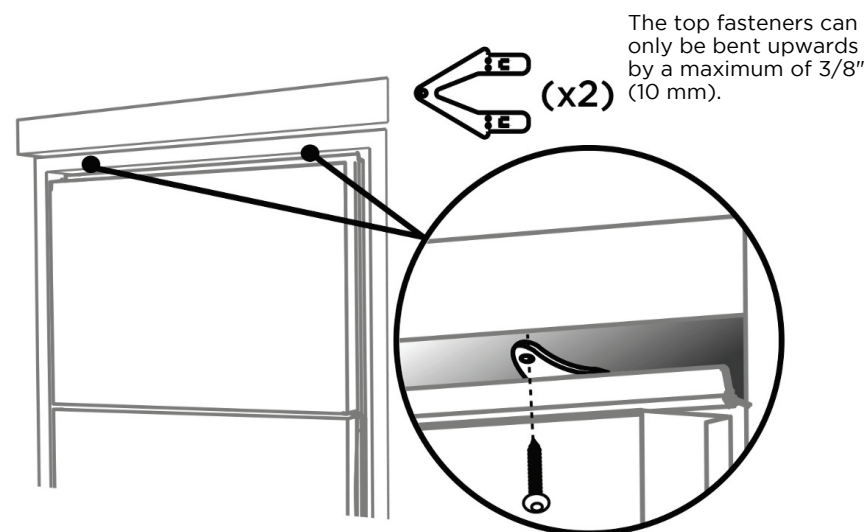
When installing the fasteners, make sure not to press the ends into the frame.



⑪-A ATTACHMENT TO CABINETS ON THE SIDES

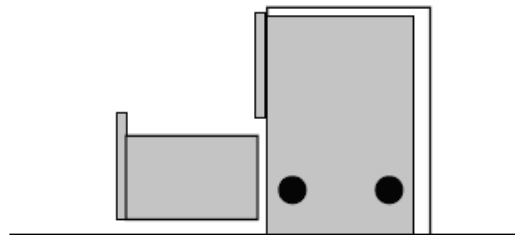


⑫-A OPTIONAL FASTENING TO CABINETS LOCATED OVERHEAD



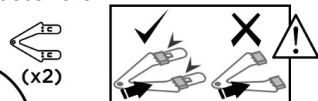
⑬-A ONCE THE APPLIANCE IS FASTENED, SEE STEP 'INSTALL THE SKIRTING BOARD PANEL SUPPLIED'

⑨ ALTERNATIVE METHOD (B) - FASTENING WITH DRAWER REMOVAL



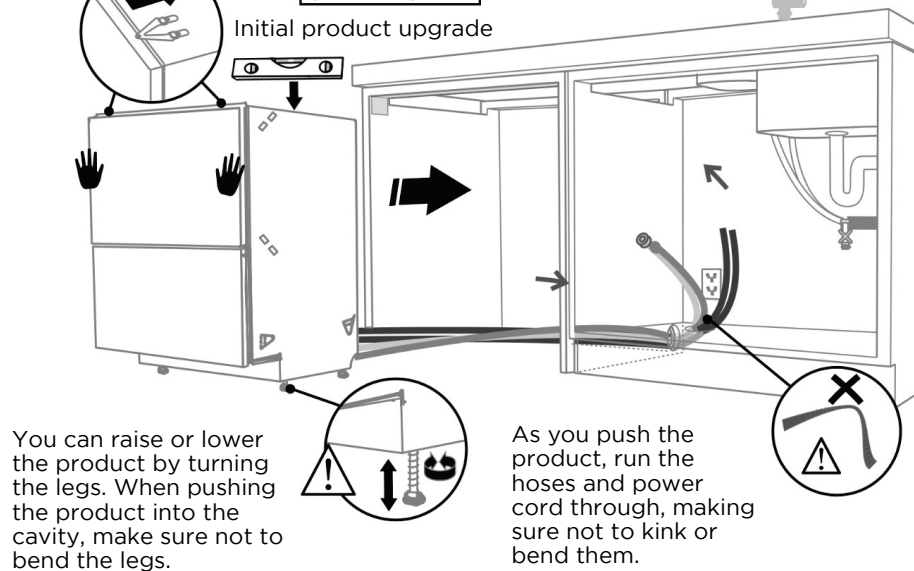
⑨-B RUN THE HOSES AND PUSH THE APPLIANCE INTO THE CAVITY

You can attach the two optional top fasteners.



Initial product upgrade

When installing the fasteners, make sure not to press the ends into the frame.



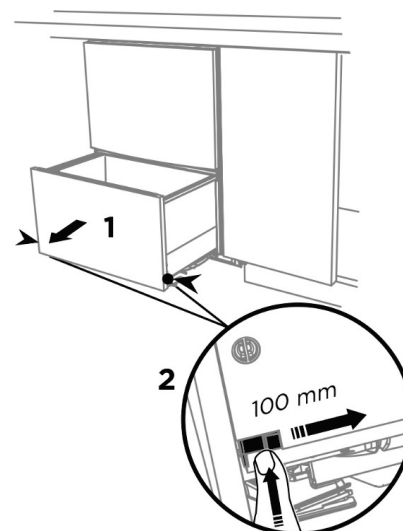
You can raise or lower the product by turning the legs. When pushing the product into the cavity, make sure not to bend the legs.

As you push the product, run the hoses and power cord through, making sure not to kink or bend them.

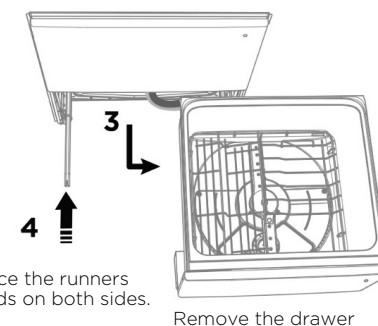
⑩-B REMOVE THE BOTTOM DRAWER

To avoid twisting the hoses

Place the drawer on its left side (recommended) or turn it to the right, to place it on its side after removal.

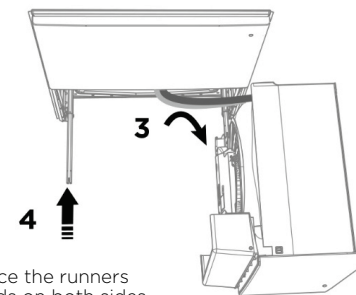


Push in the release tabs on either side and push back to release the drawer from the runners. Lift the drawer from the runners.



Replace the runners inwards on both sides.

Remove the drawer

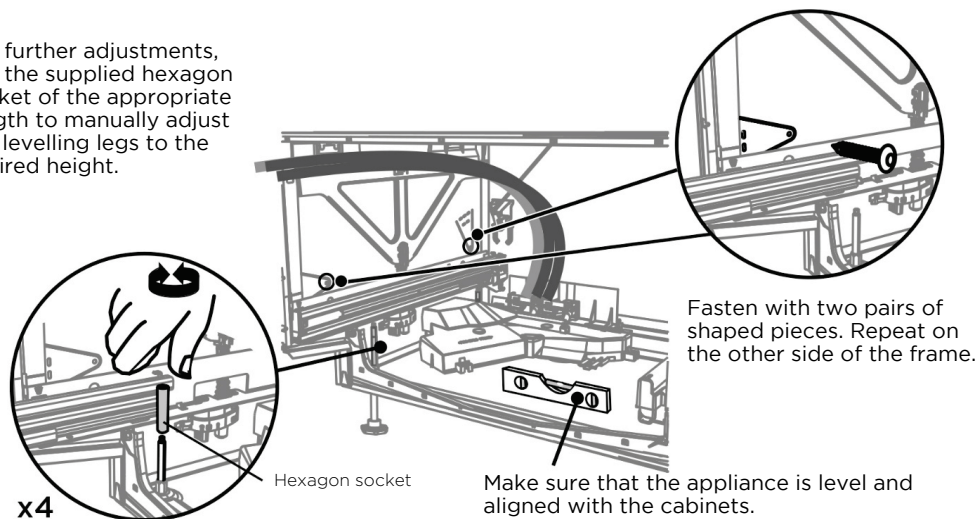


Replace the runners inwards on both sides.

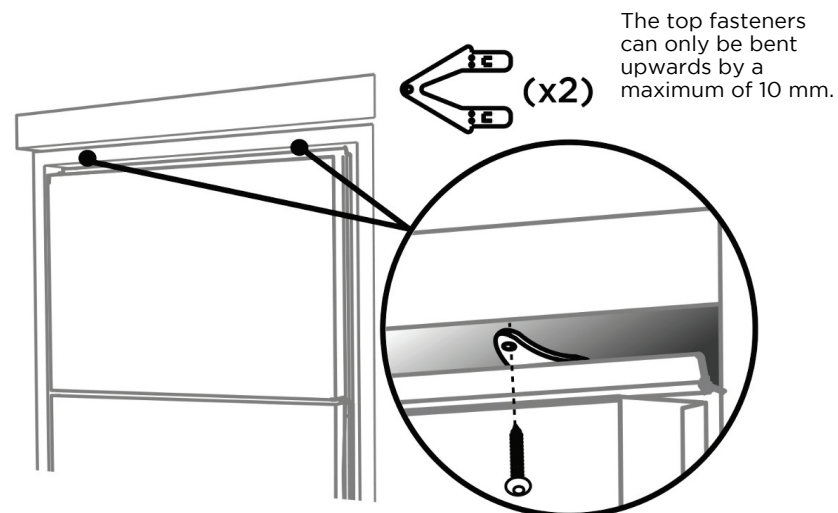
Turn the drawer to the right (max. 90°) and place it on its side.

⑪-Ⓑ ATTACHMENT TO CABINETS ON THE SIDES

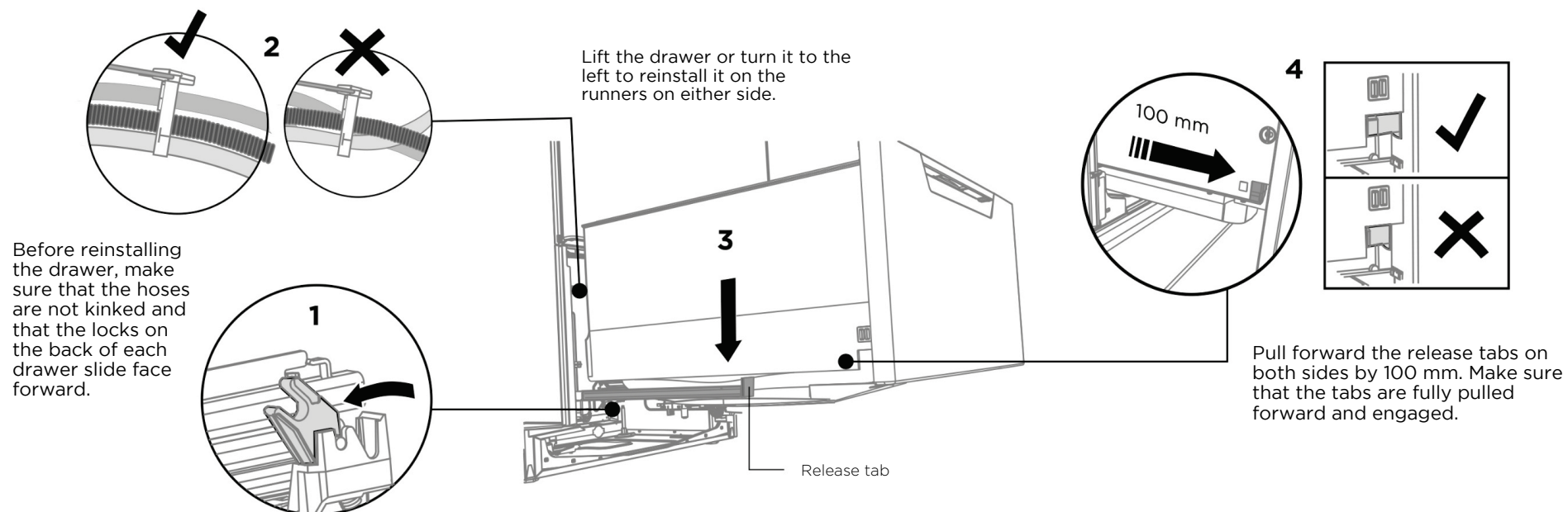
For further adjustments, use the supplied hexagon socket of the appropriate length to manually adjust the levelling legs to the desired height.



⑫-Ⓑ OPTIONAL ATTACHMENT TO CABINETS LOCATED OVERHEAD

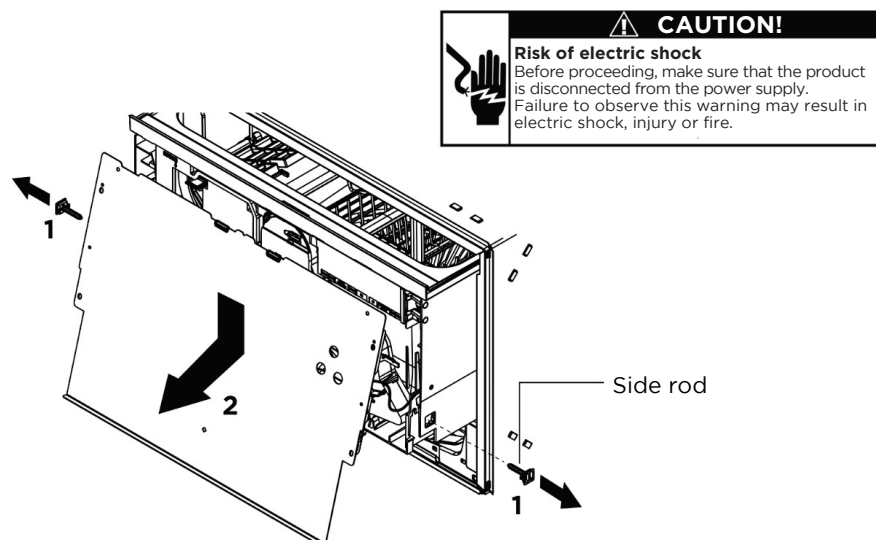


⑬-Ⓑ REINSTALL THE DRAWER ONTO THE RUNNERS



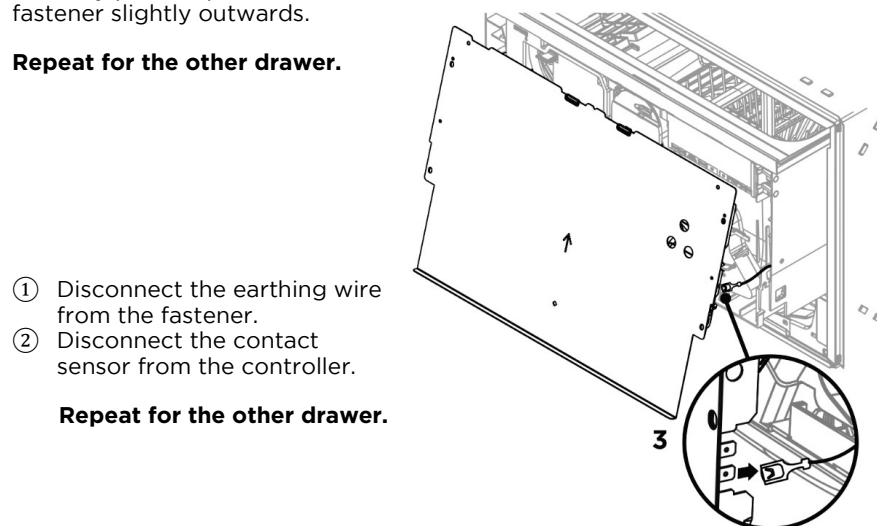
14 INSTALLATION OF CUSTOM-MADE FRONT PANELS FOR DRAWERS

14-A REMOVE THE TWO PANEL FASTENERS FROM THE PRODUCT



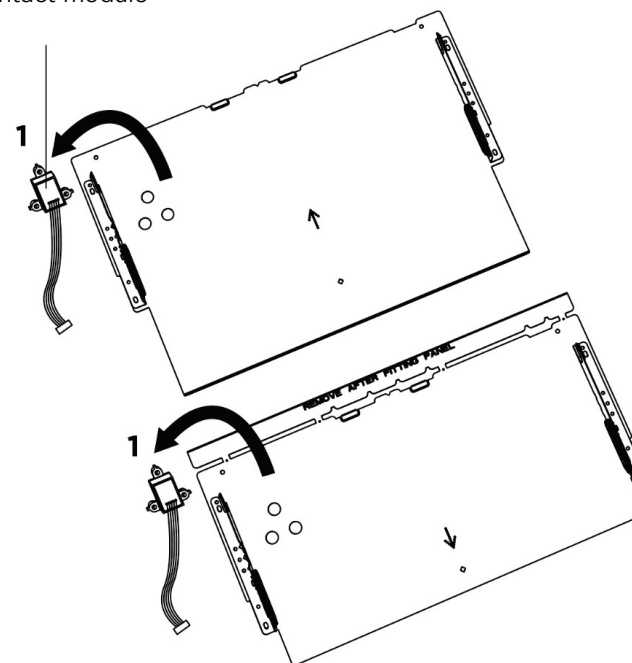
Remove the side rods and carefully pull the panel fastener slightly outwards.

Repeat for the other drawer.



14-B REMOVE THE PAUSE CONTACT MODULE

Pause contact module

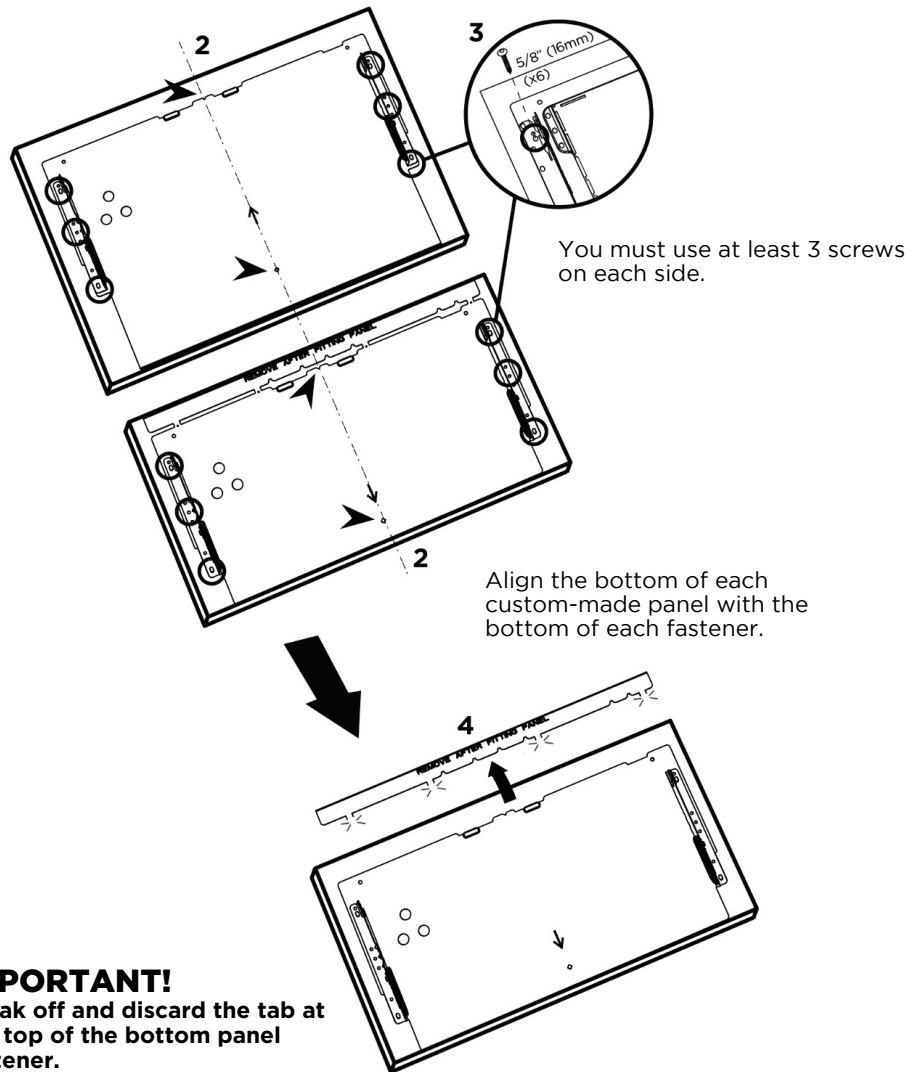


Remove the pause contact module from the rear part of the fastener.

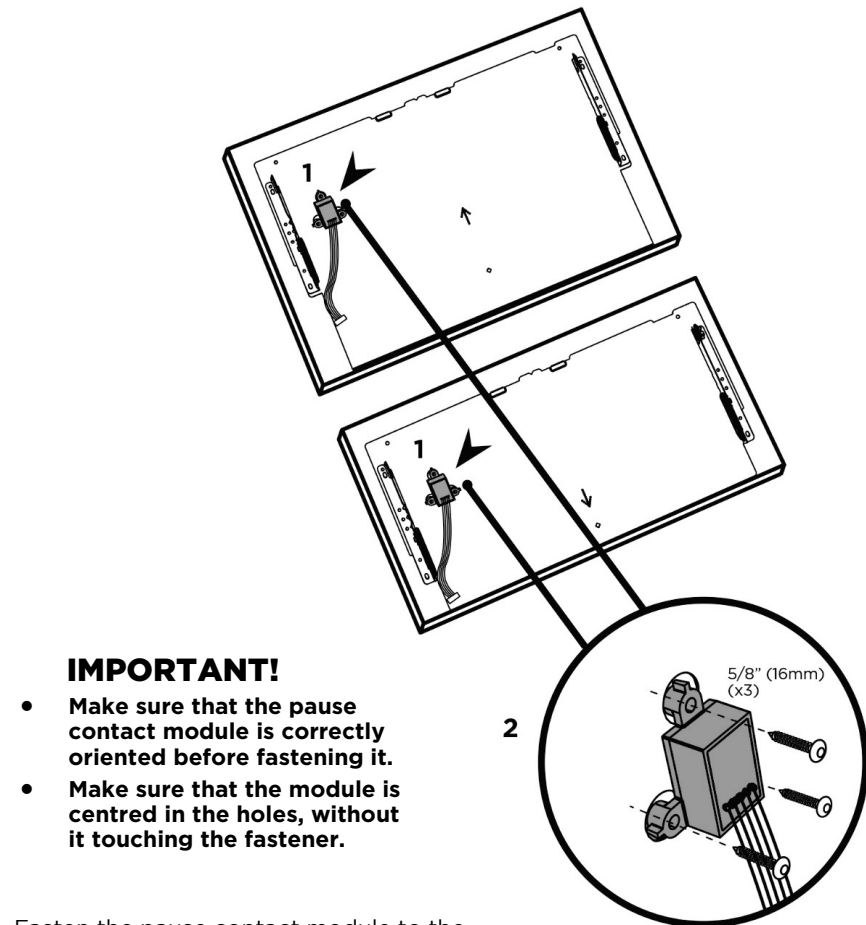
Repeat for the other fastener.

14 INSTALLATION OF CUSTOM-MADE FRONT PANELS FOR DRAWERS

14-C ATTACH THE CUSTOM-MADE PANELS TO THE PANEL FASTENERS



14-D ATTACH PAUSE CONTACT MODULES TO CUSTOM-MADE PANELS



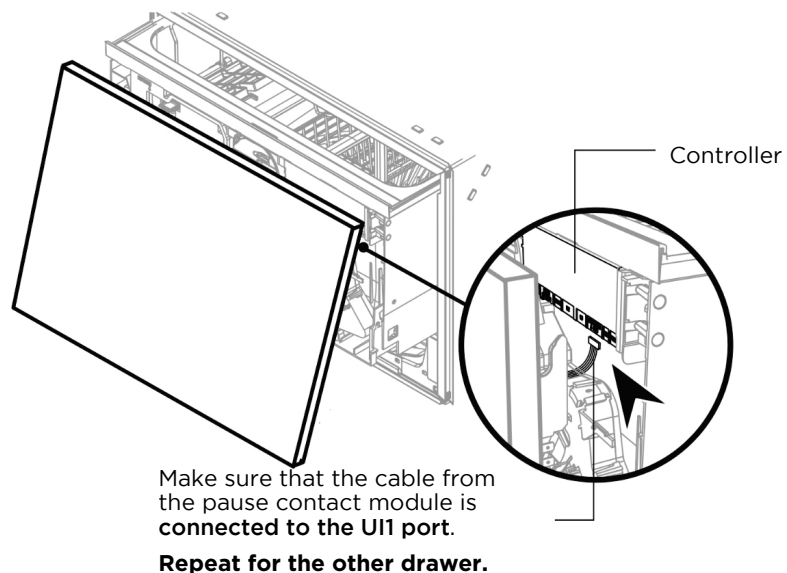
Fasten the pause contact module to the back of the custom-made panel, through the 3 holes cut in the panel fastener, as shown.

Use the 3 screws provided.

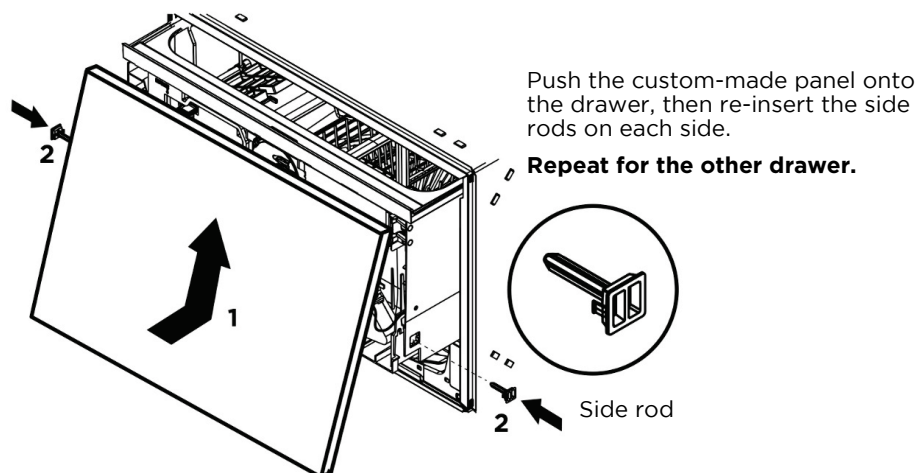
Repeat for the other module.

14 INSTALLATION OF CUSTOM-MADE FRONT PANELS FOR DRAWERS

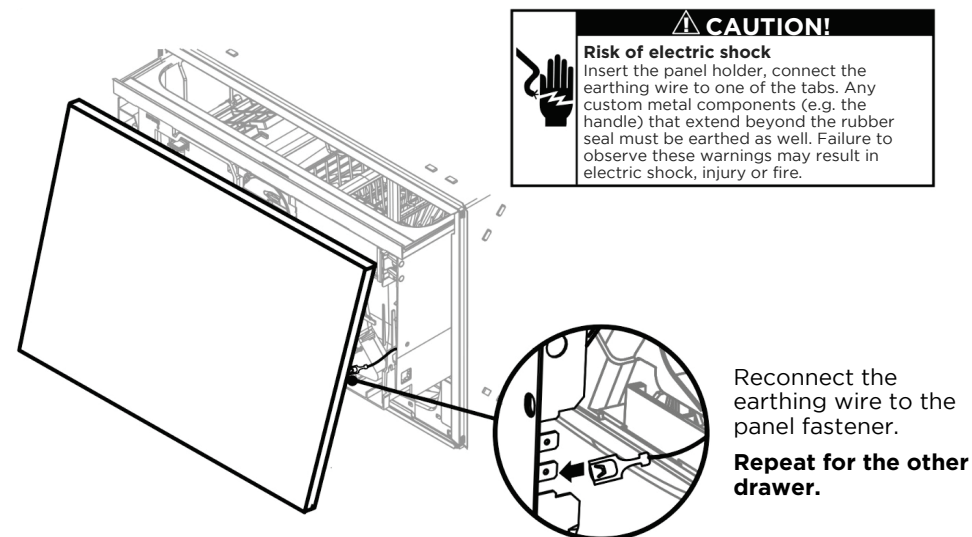
14-E CONNECT THE PAUSE CONTACT MODULE TO THE CONTROLLER



14-G ATTACH THE CUSTOM-MADE PANELS TO THE PRODUCT



14-F RECONNECT THE EARTHING WIRE TO THE PANEL FASTENER



14-H ADJUST THE HEIGHT OF THE CUSTOM-MADE PANEL TO ALIGN WITH THE CABINET SPACES

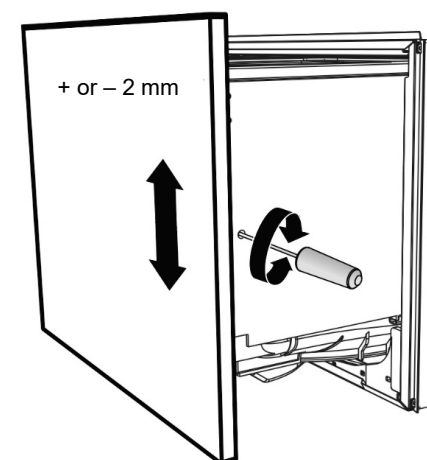
Once the front panels are installed, insert an appropriately sized star screwdriver into the opening above the side rod and turn to raise or lower the panels to align them with your cabinet spaces.

Repeat on the other side, if necessary.

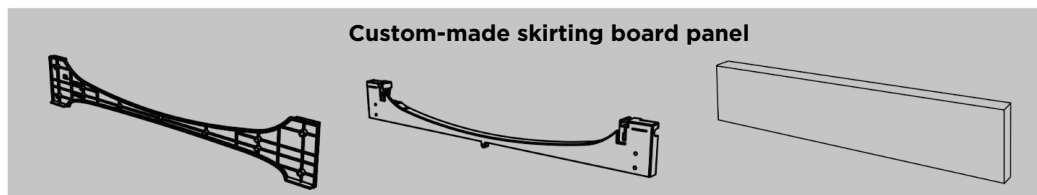
You can raise or lower each panel by a maximum of 2 mm.

IMPORTANT!

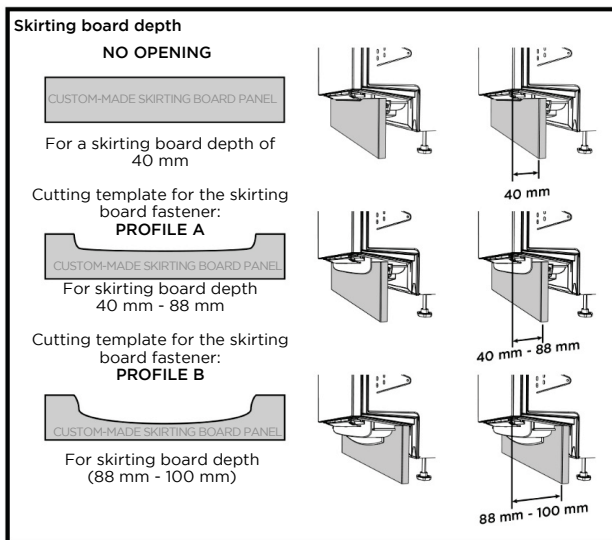
Make sure to leave a minimum of 8 mm ventilation space between the top and bottom panels.



15 INSTALLATION OF CUSTOM-MADE FRONT PANELS FOR DRAWERS

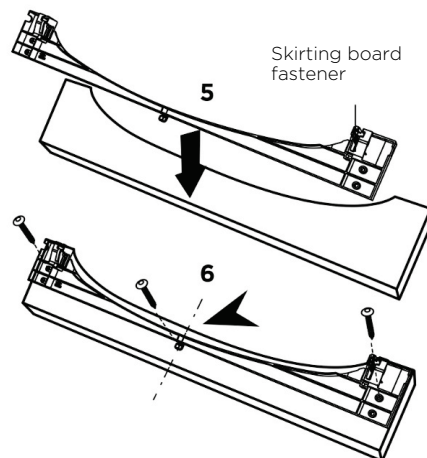
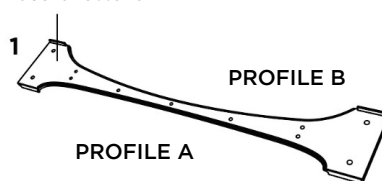


Custom-made skirting board panel

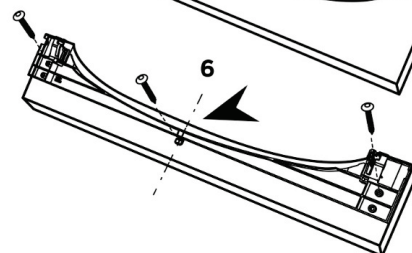


- 1 If an opening is required in your custom-made skirting board panel, choose the most suitable opening profile (A or B) depending on the final depth of your skirting board panel.

Cutting template for the skirting board fastener

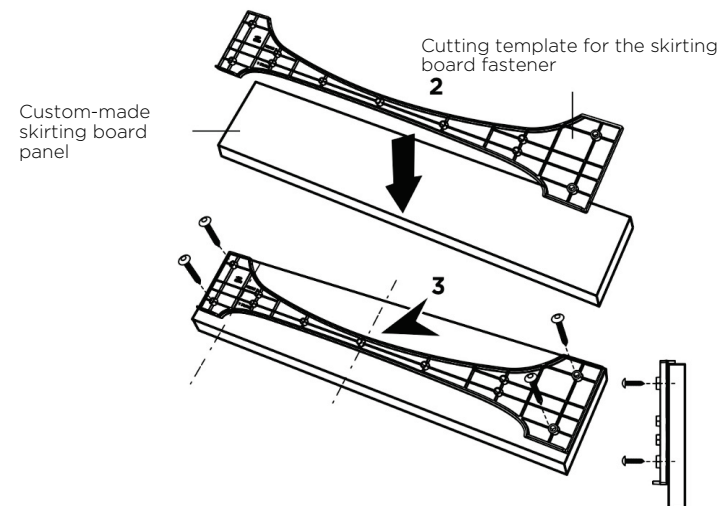


Skirting board fastener



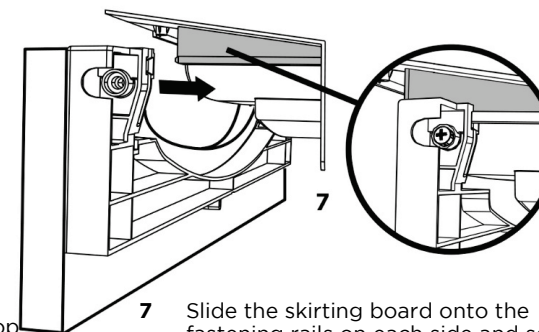
- 5 Place the skirting board fastener on your skirting board panel. Make sure they are centred, with the top of the template aligned with the top surface of the panel.
- 6 Attach the template to the panel using the mounting screws provided from the skirting board.

- 2 Place the cutting template for the skirting board fastener on your skirting board. Make sure they are centred, with the template resting on the top surface of the panel.
- 3 Attach the template to the panel by clamping it in place or using the mounting screws supplied.



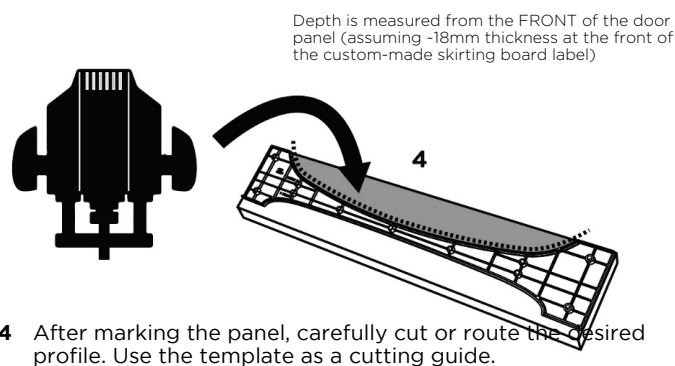
Cutting template for the skirting board fastener

Custom-made skirting board panel



- 7 Slide the skirting board onto the fastening rails on each side and screw it into the bottom of the tank on each side.

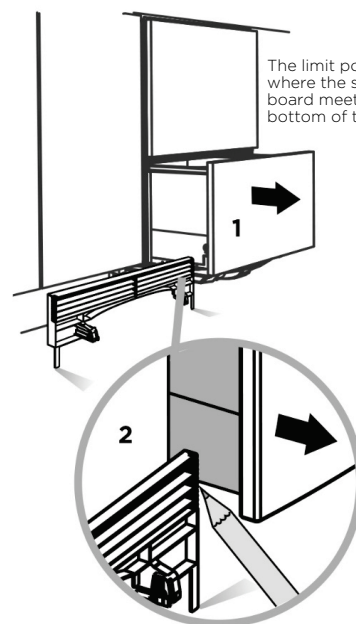
IMPORTANT!
Do not tighten the screws with excessive force.



- 4 After marking the panel, carefully cut or route the desired profile. Use the template as a cutting guide.

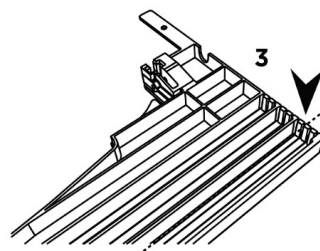
IMPORTANT!
Make sure that all exposed edges are properly sealed.

16 INSTALL THE PRE-FINISHED SKIRTING BOARD PANEL PROVIDED (IF DESIRED)

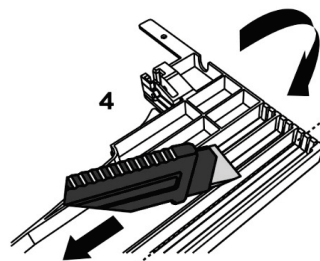


Mark this point on the skirting board with a pencil.

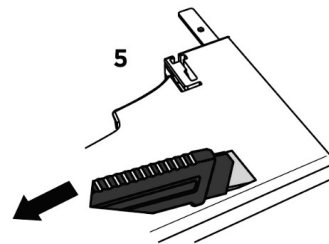
The limit point is where the skirting board meets the bottom of the tank.



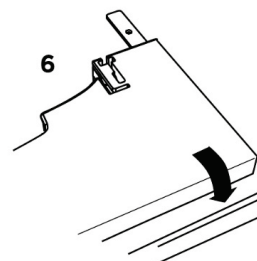
Place the skirting board face down on a cutting board or similar surface.



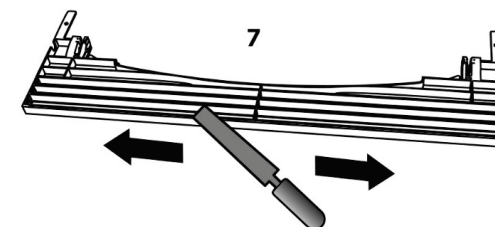
Draw a line with a knife.



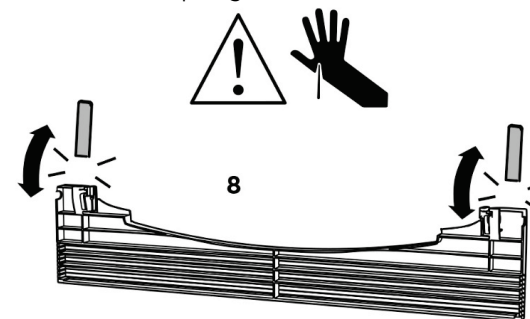
Turn the skirting board over and trace along the same line.



Carefully remove the excess.

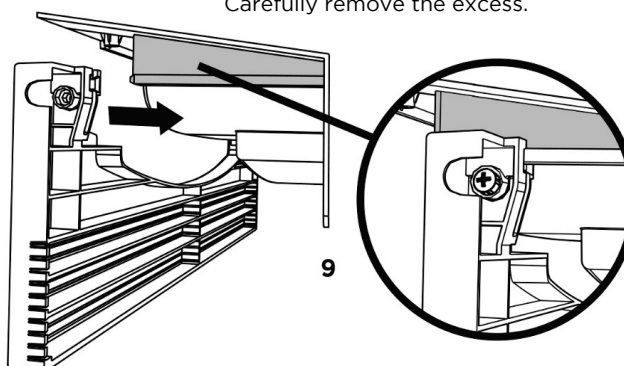


File the edge. Be careful with sharp edges.



Remove the two end tabs.

Slide the skirting board onto the fastening rails on each side and screw it into the bottom of the tank on each side.



IMPORTANT!

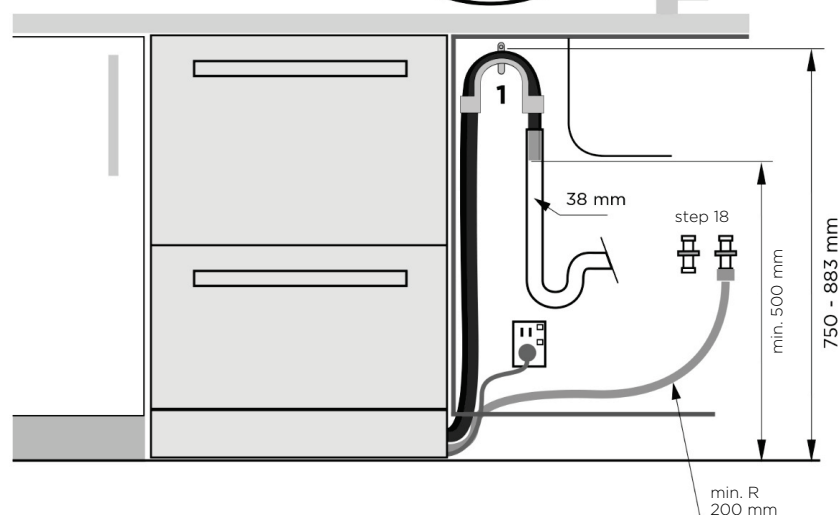
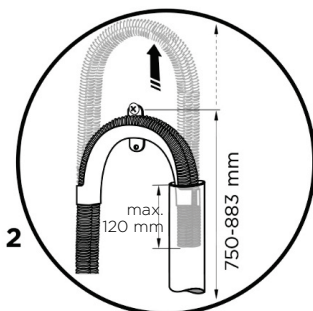
Do not tighten the screws with excessive force.

17 **THERE ARE TWO DIFFERENT PLUMBING AND DRAINAGE OPTIONS. CHOOSE WHICH IS MORE APPROPRIATE.**

Dishwasher and Ø 38 mm Standpipe

Screw the drainage hose holder into the rear wall at the correct height.

If space is limited for installation, push the hose into the drainage hose holder to achieve the required height.



IMPORTANT!

Make sure that the drainage hose is laid as close as possible to the underside of the worktop. This will prevent sewage from backing up into the hose in the event of poor drainage or blocked plumbing.

Make sure that the drainage hose does not enter the water remaining in the siphon; there must be an air gap to prevent waste water from siphoning back into the tank.

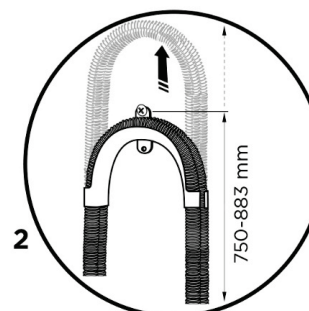
IMPORTANT!

Make sure that the drain connection complies with local plumbing regulations.

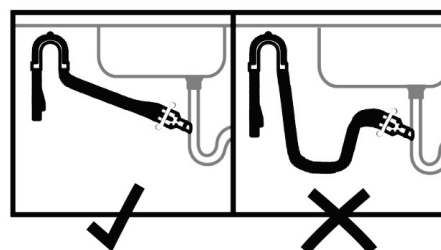
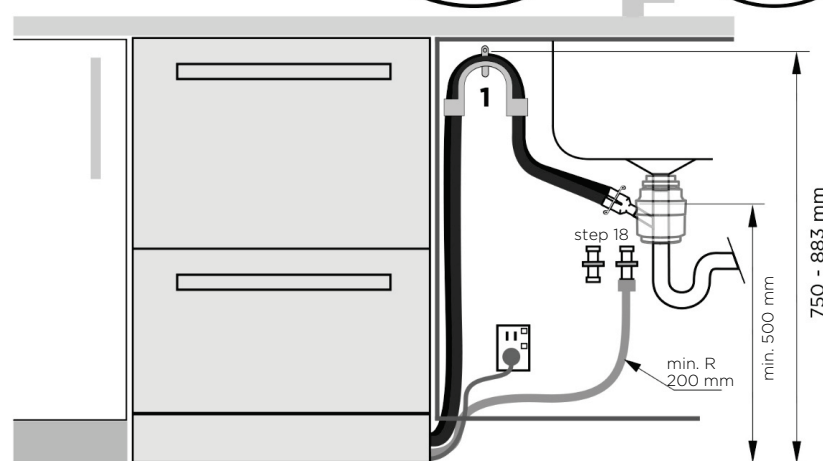
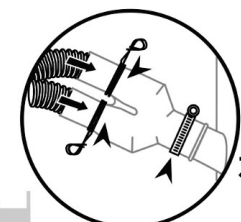
Dishwasher using the carpenter's drainage hose in the sink trap/waste tee

Screw the drainage hose holder into the rear wall at the correct height.

If space is limited for installation, push the hose into the drainage hose holder to achieve the required height.

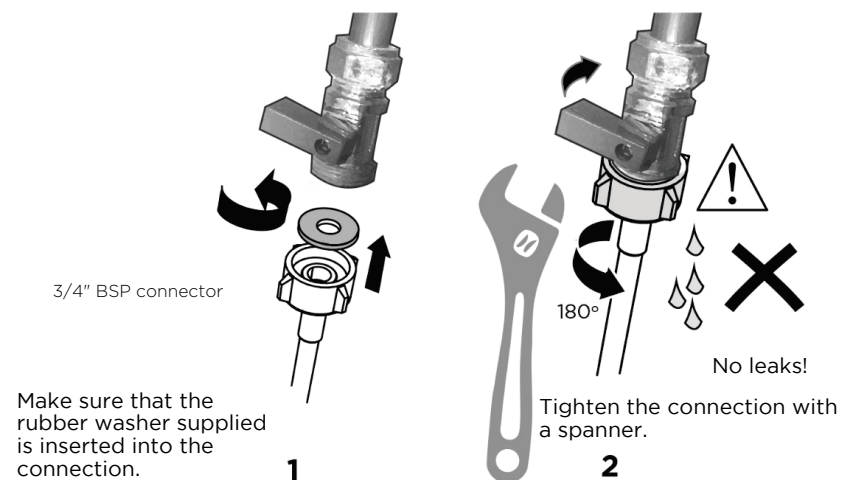


Supplied with carpenter's drainage hose 19 mm waste tee

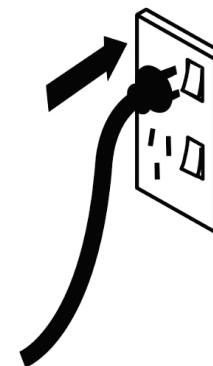


Make sure that the drainage hose runs straight to the connection, so that waste water does not collect there. Cut the drainage hose to length if necessary. Do not shorten the inlet hose.

18 CONNECT THE SUPPLY HOSE TO THE COLD WATER



19 TURN ON THE PRODUCT



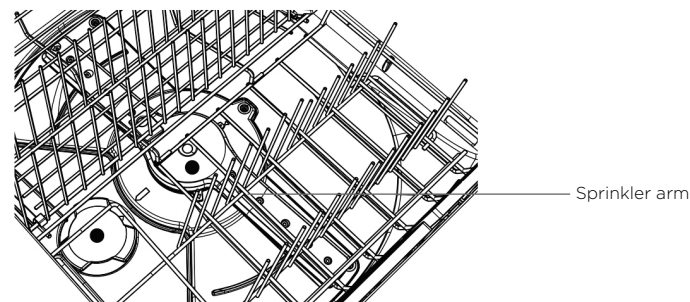
20 TROUBLESHOOTING

- **There is excess water above the filter plate after the rinse cycle. (Error code A3 is displayed. See 'How to react to an error code' in the user guide)**
Check for kinked drainage hose, clogged or improperly drilled drain connection, improperly installed top loop, improperly routed drainage hose or missing sprinkler arms.
- **No water supply. (Error code A1 is displayed. See 'How to react to an error code' in the user guide)**
Check that the water supply is connected and open.
- **The dishwasher beeps continuously**
There is a failure. See the section 'How to respond to an error code' in the user guide for more information and instructions.
- **No programme indicator lights up when the drawer is open**
Make sure that the power cord is plugged in and that the appliance is turned on. If the appliance is working and no lights are on, see the 'Preference options' section of the 'Quick start guide'. It may be necessary to enable an option called 'Auto start when drawer opens'.
- **There is water around the supply and drainage connections**
Check connections, existing plumbing and hoses for leaks. Make sure that the rubber washer and the hose clamp are installed correctly.
- **If the appliance tilts**
Ensure that the appliance is fastened to the cabinets.
- **If the front panels are misaligned**
Check that the appliance is level and adjust it if necessary. Make sure that the cabinets are square. For flush-mounted models, check the alignment of the front panel and adjust it if necessary.
- **Drawer does not close properly**
Make sure that nothing is in the way of closing (e.g. hoses or drawer locks).
- If you have any problems with the operation, see the 'Troubleshooting' section of the User Guide.
- If you still need assistance after checking these points, see the maintenance and warranty manual for warranty information and contact details of the nearest authorised service centre. You can also contact us via our website at the address below.

✓ TO BE COMPLETED BY THE INSTALLER

- ☐ Make sure that all parts are installed.
- ☐ Make sure that all panels and their parts are secure and that the final electrical tests have been carried out in accordance with local electrical regulations.
- ☐ Make sure the appliance is level, securely fastened to the cabinets and opens and closes easily. The drawers must be able to close completely and without resistance.
- ☐ Make sure that the water inlet hose is fitted with the rubber washer provided and that it is tightened one half turn after the sealing contact.
- ☐ Make sure that the knockouts or plugs in the drain connections have been drilled and the connections made.
- ☐ The drainage hose connection must not support the weight of excess hose. Extend the drainage hose as much as possible to prevent it from collapsing. Place any excess drainage hose on the side of the dishwasher in relation to the top loop.
- ☐ If you connect the drain hose to the sink trap, make sure that the top loop is at least 150 mm above the drain hose connection.
- ☐ Make sure that any packaging or tape securing the baskets or sprinkler arms is removed from the drawers.
- ☐ Models with water softener only: adjust the water softener setting from the default setting, depending on the water hardness in your area. See the quick start guide and the 'Water softener' section of the user guide.

- ☐ Restore the power and open the water valve, then open the drawers. You should hear a beep and see a programme light on the internal control panel.
- ☐ Check that the sprinkler arms are correctly installed and that they rotate freely, by turning them with your hand.



- ☐ Add three cups of water to the drawer. Press the » button until the 'Rinse' programme indicator lights up. Close the drawer and press the button ► to start the programme. Repeat for the other drawer.
- ☐ While the test cycle is running, check that the contact sensor is working by knocking twice on the door to pause the wash programme.
- ☐ When the rinse is complete, make sure that the dishwasher has been running and draining properly.
- ☐ Check that the water supply is properly shut off and that the drainage connection is not leaking.

Complete and retain for future reference:

Model _____

Serial number _____

Date of purchase _____

Buyer _____

Retailer's address _____

Name of the installer _____

Installer's signature _____

Installation company _____

Date of installation _____