

Installation Manual
MODEL NUMBER SERIES
FFRBI1811-36S



IFORMS TO UL STD. 60335-1 & 60335-2-24 & 60335-2-89
IFORME AUX NORMES UL. STD. 60335-1 & 60335-2-24 & 60335-2-89
TIFIED TO CSA STD. C22.2 No. 60335-1 & 60335-2-24 & 60335-2-89
IFORME AUX NORMES C22.2 NO.60335-1 & 60335-2-24 & 60335-2-89

Installation Manual






Read these instructions carefully before using your appliance, and keep it carefully.
If you follow the instructions, your appliance will provide you with many years of good service.

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Symbols and Their Meanings

Symbols used in the installation manual are as follows.

	Important information or useful usage tips
	WARNING: Conditions that may damage the product or its operating functions
	ATTENTION: Conditions containing serious injury risk
	Conditions containing electric shock risk
	Packaging materials of the product have been manufactured from recyclable materials in accordance with our National Environment Regulations.

Disposing the packaging materials

The package has been designed to protect the product during transport.

The packaging materials used for the product do not harm the nature during disposal and they need to be recycled.

All plastic packaging materials, bags etc. must be disposed safely and kept out of the reach of children.
Please return the packaging to your dealer.



WARNING:

This installation manual has been prepared to help installation teams. The User Manual provided with the product must also be taken into consideration.

You may get seriously injured and your product may get damaged if you ignore the warnings given in this manual.
Please read the following carefully.



WARNING:

R600a Refrigerant

This product contains R600a isobutane refrigerant, which is a very eco-friendly natural gas. However, it is also flammable. Please follow the warnings given below:

- If the product has been transported horizontally, you must wait for 4 hours minimum before plugging it in.
- The following instructions must be followed during installation:
- Dimensions of the installation area must be suitable.
- Dimensions, features and position of the object used to support and fix the product to this area must be suitable.

- Minimum clearances between product parts and surrounding structures must be suitable.
- Minimum dimensions and proper organisation of ventilation holes must be observed.
- The product must be connected to the mains power,
and corresponding connections of other components must be suitable.
- The product must be disconnectable from the power supply after installation.
- The socket or fuse must be accessible to de-energise the product.
- Extension cables or ungrounded (two-terminal) adapters must not be used.

ATTENTION:

You must wear gloves and eye protectors when installing the product.

You must also take measures against high noise levels when drilling the floor or using a drill.

ATTENTION:

Make sure that your product is suitable for your local mains.

ATTENTION:

The product must be installed by a qualified technician according to the installation instructions.

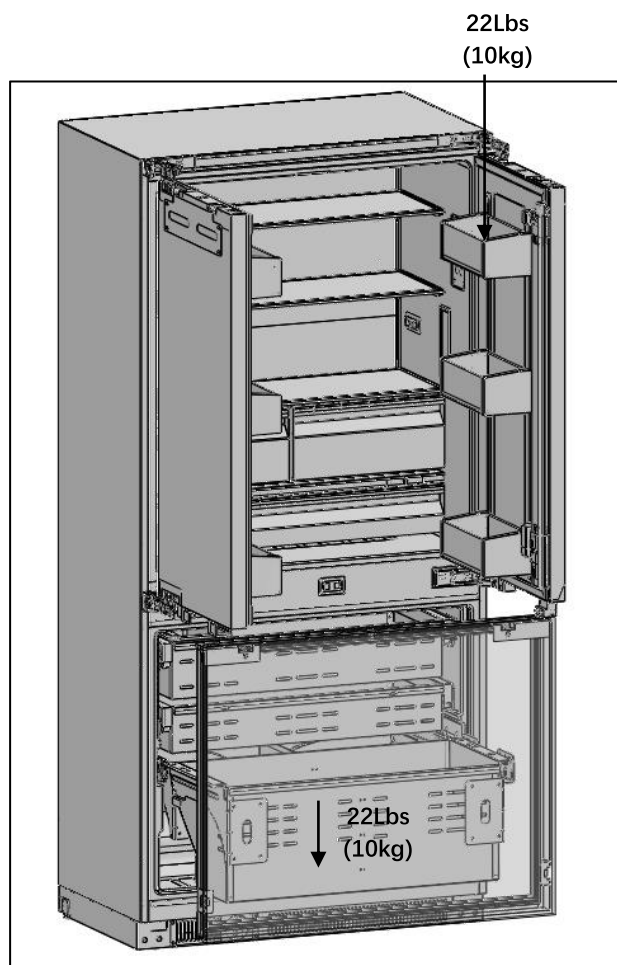
WARNING:

The product may tip over since it is quite heavy. For this reason, precautions must be taken against tipping over.

The doors of the product must be kept closed until it reaches the destination and it must be transported in accordance with the installation instructions.

Climate range	Ambient temperature of the room	This appliance has been designed to be used in certain climate ranges (ambient temperatures). It must not be used out of this range.
SN	Between +50°F (10°C) and +90°F (32°C)	
N	Between +60°F (16°C) and +90°F (32°C)	
ST	Between +60°F (16°C) and +110°F (38°C)	
T	Between +60°F (16°C) and +120°F (43°C)	

Load bearing capacity of the doors



Installation Place

You must follow the instructions below:

- The floor on which the product will be installed must be capable of bearing 1,200 pounds (544 kg) minimum.
- Kitchen floor and the bottom of the product must be at the same level. Otherwise, problems may occur with the air suction of the product.
- There must be no objects preventing the installation of the product at the back and on the side walls of the product's installation place.
- The power socket must be at the correct place.
- Dimensions of the furniture where the product will be installed must be in strict conformity with the dimensions given in the manual.
- Do not install the product with the fridge and the freezer are adherent next to each other. Otherwise, condensation and damage may occur in the product. (Please see "Dual Cabin Installation" for detailed information)
- Flatness of the floor where the product will be installed must be checked with a Bubble Level Tool.
- Installation area must not be subjected to direct sunlight and it must be away from heat sources, ovens, radiators etc.
- The ambient temperature must be between 55°F (13°C) and 110°F (43°C). Otherwise,
- function errors may arise when the product is running.
- If it is not possible to avoid installing the product near a heat source, the minimum clearances given below must be maintained between the product and the said source:
 - 11/4" (3 cm) from electric hobs or ovens 1 1/4"
 - 12" (30 cm) from gas or fuel operated hobs or ovens

Please observe the following rules:

- The power socket or fuse must be easily accessible in case of an emergency;
it must not be hidden behind the product.
- Plug or cable must not touch the back surface of the product. Otherwise,
it may get damaged due to the vibration of the product.
- Do not connect the plugs of other appliances behind this product.

If the humidity level is high where the product is used, corrosion may be seen
on the outer surface of the product.

Keep the installation room dry and well-cleaned to avoid corrosion.

To avoid the risk of electric shock:

- Connect the plug to a grounded 3-pin socket.
- Do not remove the ground terminal of the plug.
- Do not use adapters.
- Do not use extension cables.

ATTENTION:

Failure to follow these instructions may result in death, fire or electric shock. Connecting the grounding conductor of the equipment to an improper place may lead to electric shock. Please have the grounding checked by a qualified electrician or service technician if you have any doubt about the proper grounding of the product.

Installation, repair and other procedures performed by unqualified persons may cause danger. Before installing the appliance, make sure that the voltage, load and circuit current parameters on the data plate are in compliance with the power mains in your house.

The appliance is provided with a NEMA 5-15 P plug and a 3-pin power cable which is in the UL list and ready to be connected to a 120 V, 60 Hz power supply. Fuse is 15 A. The appliance must be connected to a 3-pin socket. The plug must be installed only by a licensed electrician.

If the electrical wiring or the electric power supply of the house needs alteration, the necessary procedures must be performed by a qualified electrician.

ATTENTION:

Do not install your refrigerator:

- In open areas
- In environments where water is dripping
- In environments where temperature is lower than 55° F (0°C)

Furniture:

Make sure that the furniture where you will install the appliance has been safely mounted in your kitchen. Your furniture must be connected to the floor and the wall properly and with suitable connections.

For the best installation, clearances between the furniture and the product must be in compliance with the values specified in the installation instructions.

Side walls must be free of clearances and their surfaces must be flat.

Minimum thickness of the side walls must be 5/8" (16 mm).

Minimum thickness of the doors to be attached to the product must be 5/8" (16 mm) .

ATTENTION:

There is a stainless steel door and stainless kick plate option. Please consult the authorised service.

Ventilation:

Vent holes where the air enters and exits the unit must not be blocked or obstructed. In addition, you must periodically clean the dust and dirt that accumulate on these holes in time.

Electrical Connection:

- Never use an extension cable.
- The power socket must definitely be grounded and checked by an authorised person.
- Location of the electrical wiring must comply with the dimensions specified in the manual.



ATTENTION:

RISK OF ELECTRIC SHOCK

Electrical grounding is necessary. This appliance is equipped with a three-pin plug to protect you against possible electric shocks.

- Do not remove the round grounding terminal from the plug.
- Do not use two-pin grounding adapters.
- Do not use extension cables to energise the product.



ATTENTION:

Do not connect the grounding cable to the gas pipe. Please have the grounding checked by a qualified electrician if you are not sure about the grounding of the product. Do not install a fuse on the neutral line or grounding circuit.



WARNING:

Please wait for 3-6 hour before energising the product to protect it against possible damages. This way, the refrigerant and the lubricants in the system get balanced.

Water Connection:

- Pressure of the mains water must be in compliance with the values specified in the manual.
- Location of the water system must comply with the dimensions specified in the manual.



IMPORTANT INFORMATION:

Bypass is recommended for the water filtering system if a reverse osmosis system is used.

Location of the Electrical Wiring

Location of the electrical wiring must be within the range given below.



ATTENTION:

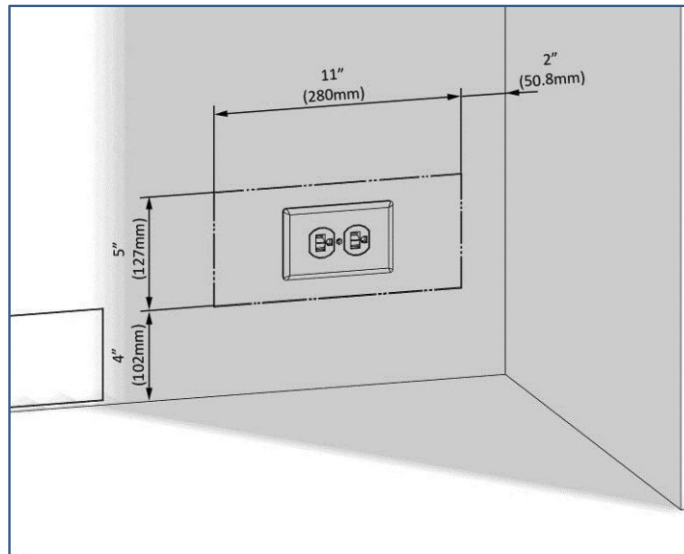
Do not use extension cables or two-pin adaptors and do not remove the ground terminal of the grounding cable.



ATTENTION:

A qualified electrician must ensure that the poles of the socket are connected correctly.

Verify that the grounding of the socket is correct.



Location of the Water System

The water connected to the water mains must be potable.

Location of the water system must be within the range given below.

Water system of the refrigerator must be connected to the water mains system in the house.

The user must be able to switch it on/off with the valve when necessary.

Objects that might pierce the water hoses or cause them to twist must not be present where the water line is installed.

Pressure of the water system must be between 25-80 psi (1.7-5.5 Bar).

If the water pressure exceeds 80 psi, install a pressure limiting device or water impact protector to the inlet valve.

Never install the product or operate the appliance if it is possible for the water pressure to exceed 120 psi.



WARNING:

Make sure that there is no water leakage when making the water connections. Otherwise, there will be water on the floor and the furniture will get damaged.

You will need a hose with a minimum length of 60" (1.5 meters) and a diameter of ¼" for water connections of the product during installation.

A connector that has a thread with an external diameter of ¼ must be used to connect the hose end to the product.

Before completing the installation, make sure that water flows and there is no water leakage.

WARNING:

- Flatness of the floor where the product will be installed must be checked with a Bubble Level Tool.
- Uprightness of the furniture flanges must be checked with a Bubble Level Tool.
- If the flatness and uprightness of the product is not proper, problems may arise with the installation.



Unpacking



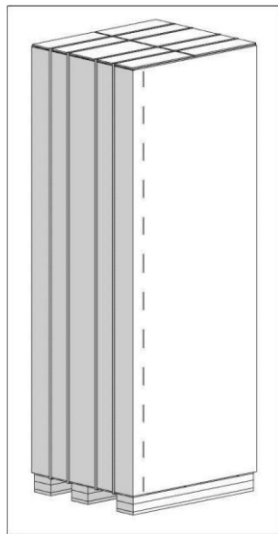
WARNING:

At least two persons must carry the refrigerator.

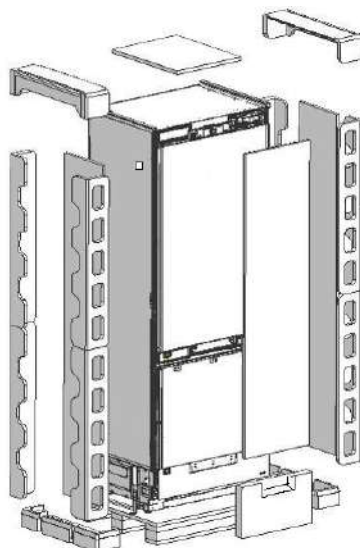


- Use a box cutter to remove the tapes.
- Cut the Packaging Board with a Box Cutter through the section illustrated in dotted lines

and remove it.



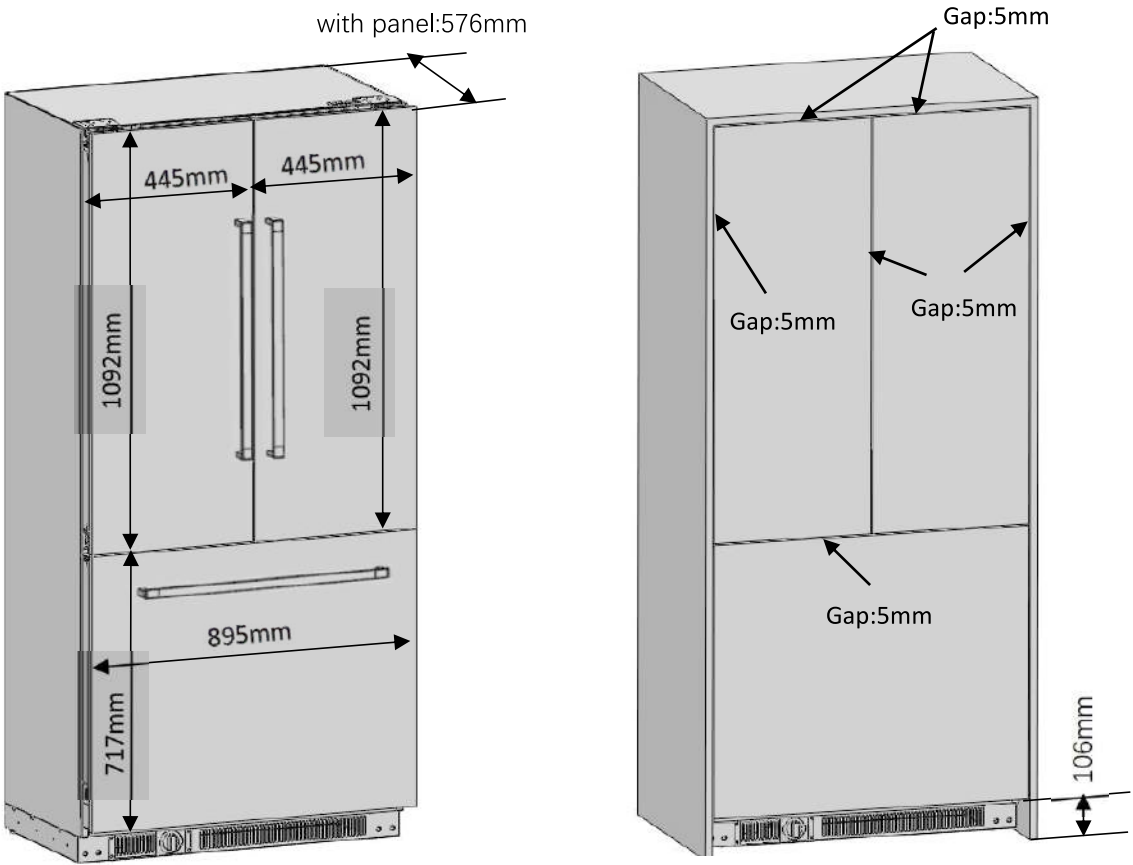
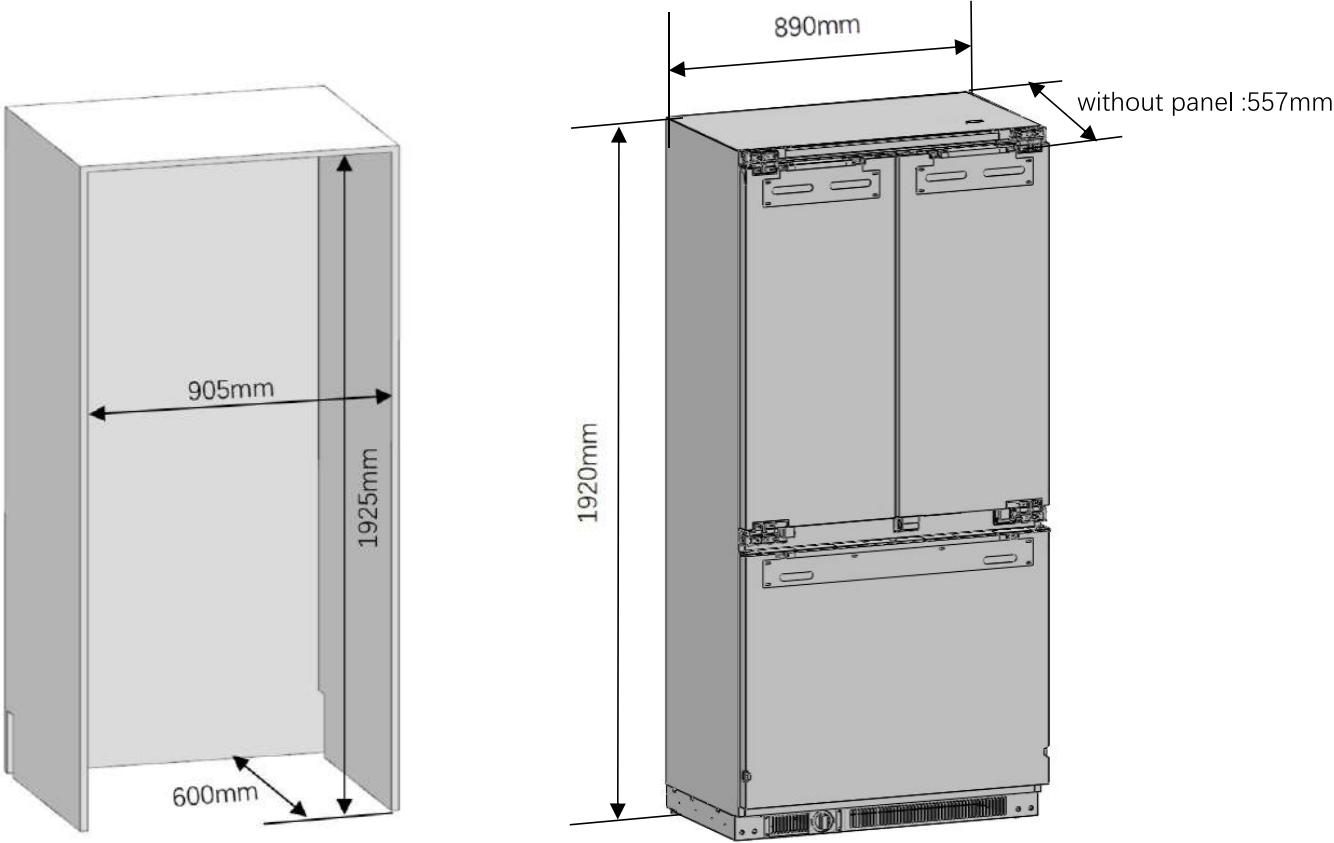
- Remove the Packaging Polystyrene material.

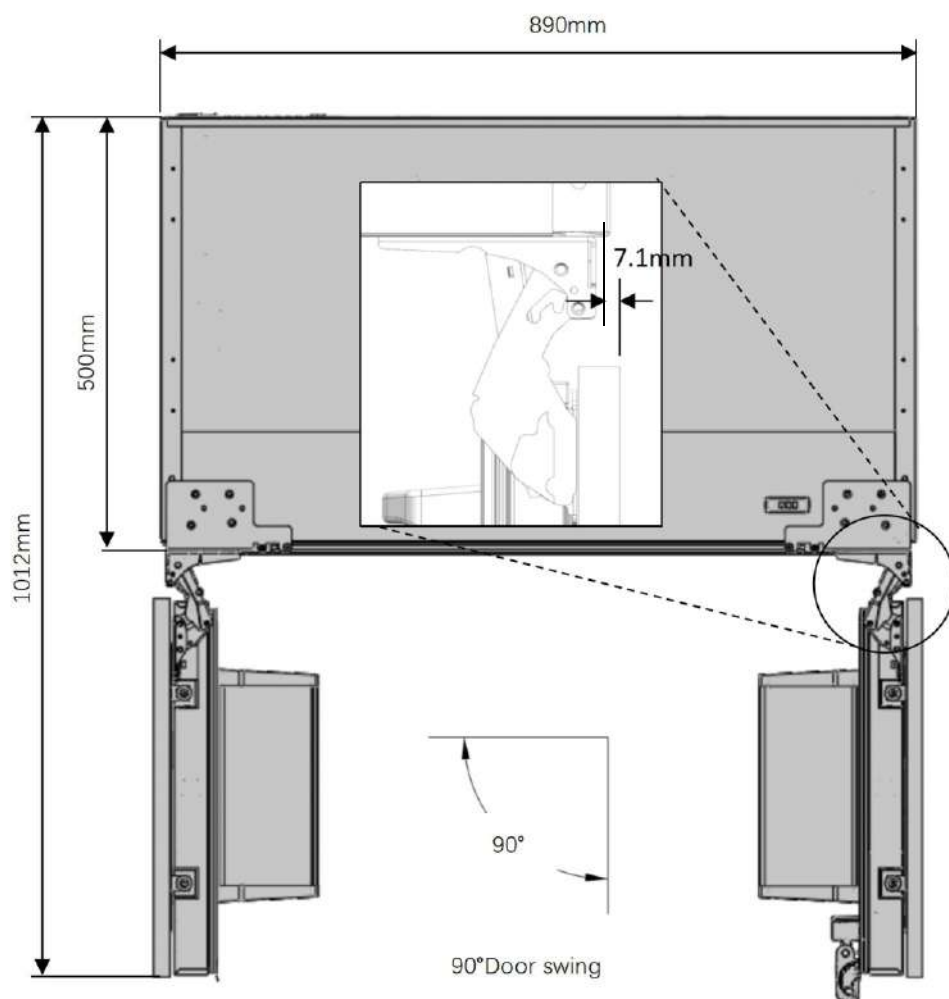
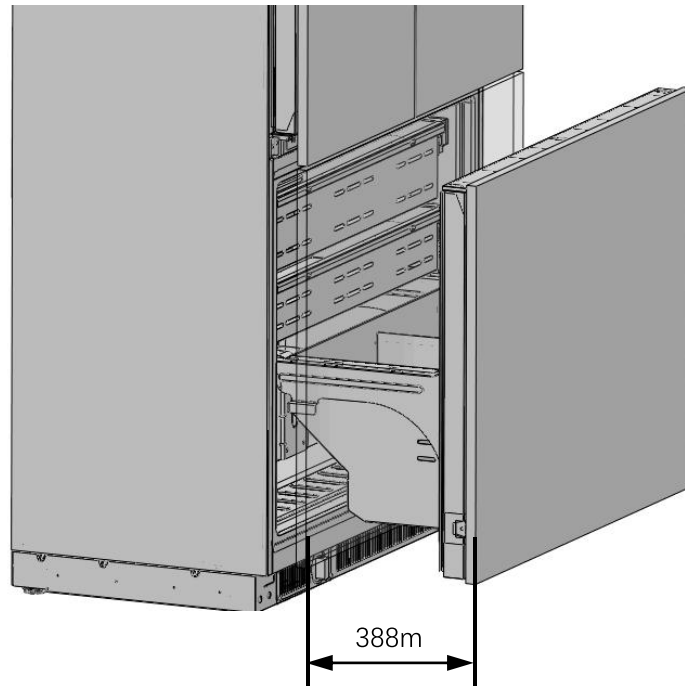


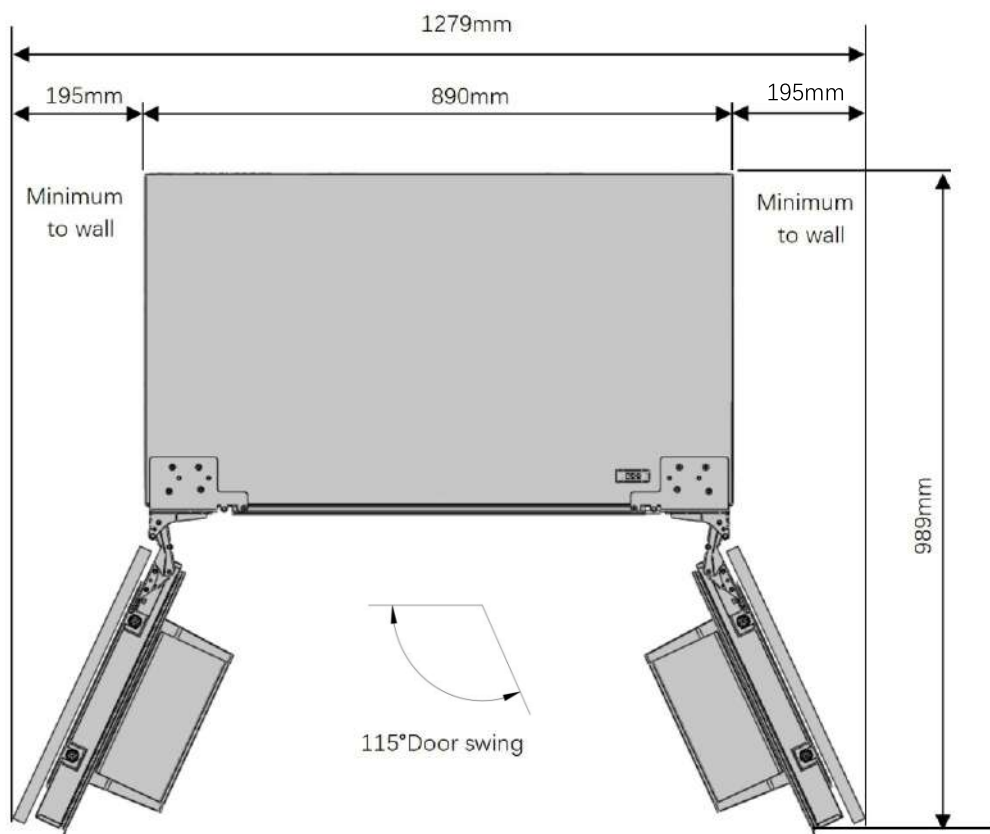
ATTENTION:

Do not remove the tape of the upper door on the product until the refrigerator is placed into the cabin.
Risk of tipping over.

PRODUCT DIMENSION







TOOL LIST

Tools to be used when installing the product are as follows:



Cordless
Drill



Safety
Goggles



1/2"
Wrench



Hammer



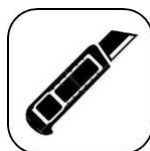
Ladder



Ø2.4
Drill bit



Plum
groove bit



Box
Cutter



Safety
Gloves



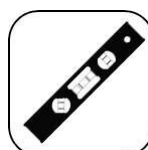
Tape
measure



Star bit



1/4"
Wrench Flat



Bubble
Level
Tool


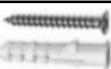






















Wheelbarrow



Tape

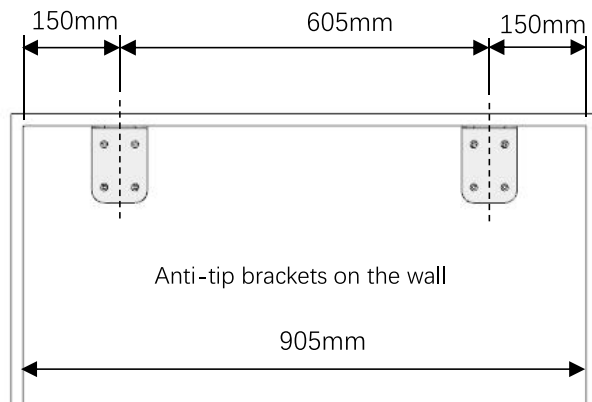
List of Materials

Quantity	Part	Quantity
	Anti-tip bracket	2
	Anti tip bracket screws and dowels	8
	Position adjustment part	1
	90° limit pin	2
	Cover furniture door bracket	4
	Door furniture connecting bracket	4
	ST4*12, Crossed flat head tapping screw	8
	ST4x14, counter sunk head screw	30
	Top cover of refrigerated door	1
	Left hinge slot cover	1
	Right hinge slot cover	1
	M5,hexagonal nut	2
	M5×5,Cross head screws	2
	Top cover of freezer door	1
	Door furniture connecting bracket	2
	M5x16	2
	Shims	2
	Door side trim	4+2
	Box side trim	2
	Bracket furniture	2
	Furniture door preparation template	1
	User manual	1

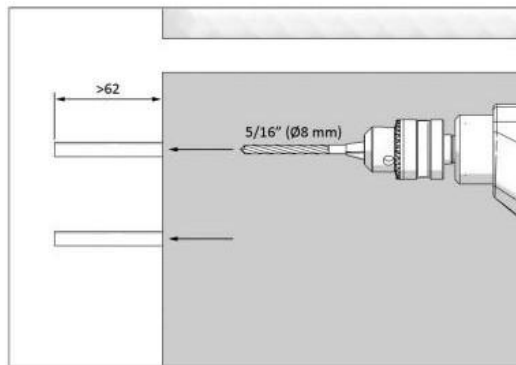
Installation Instructions

Mounting the anti-tip brackets

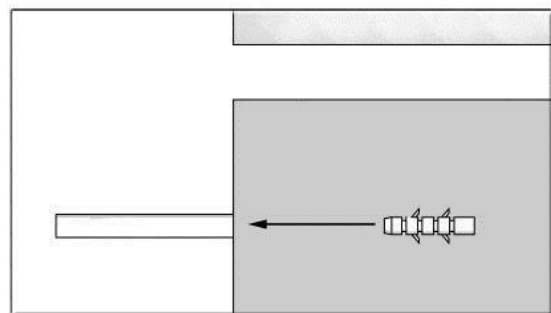
- Mark the wall for anti-tip brackets



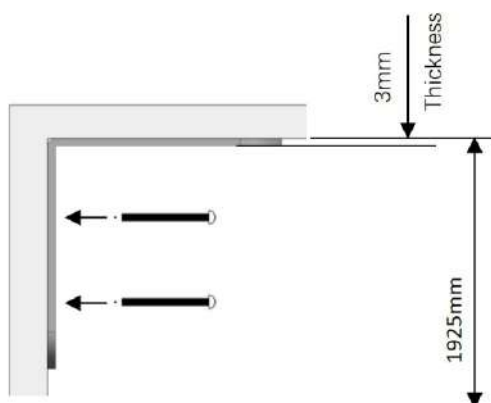
- Use a drill to create holes for dowels at the marked points. (5/16" -Ø8)



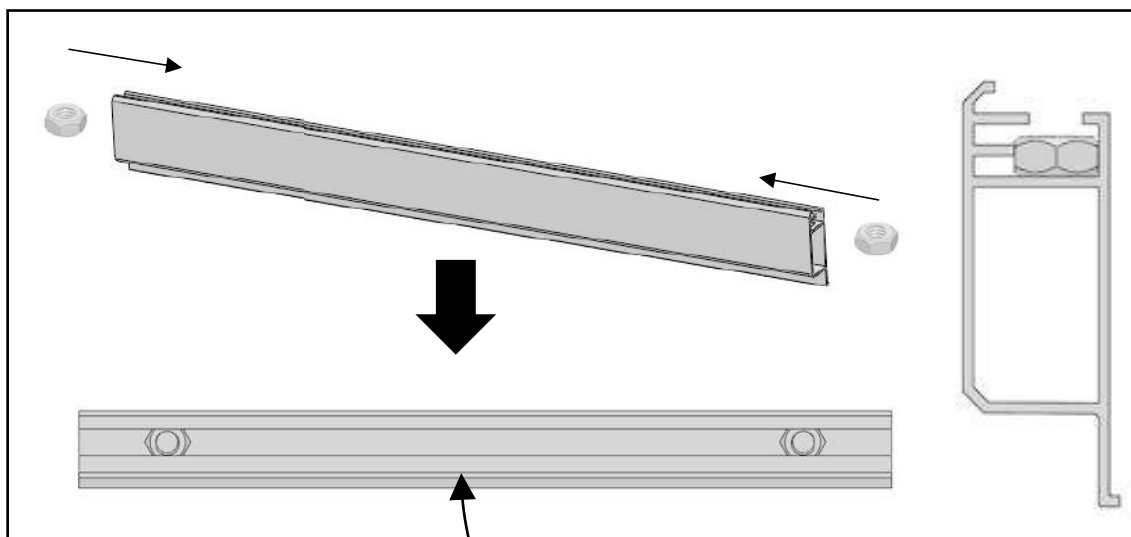
- Use the hammer to fit the dowels



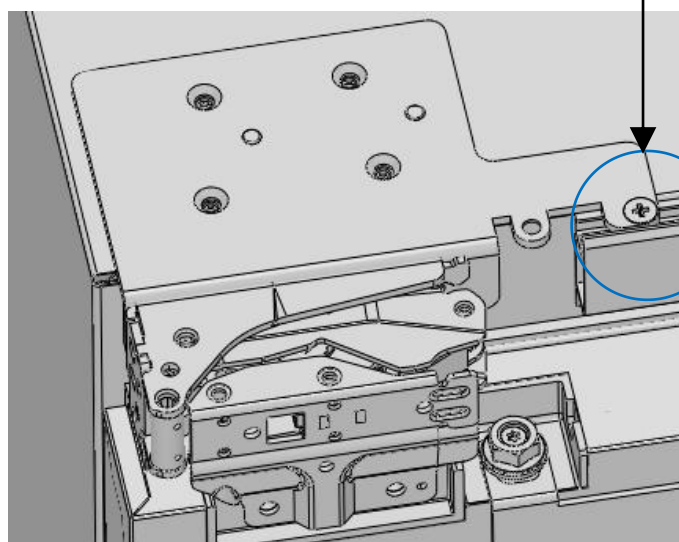
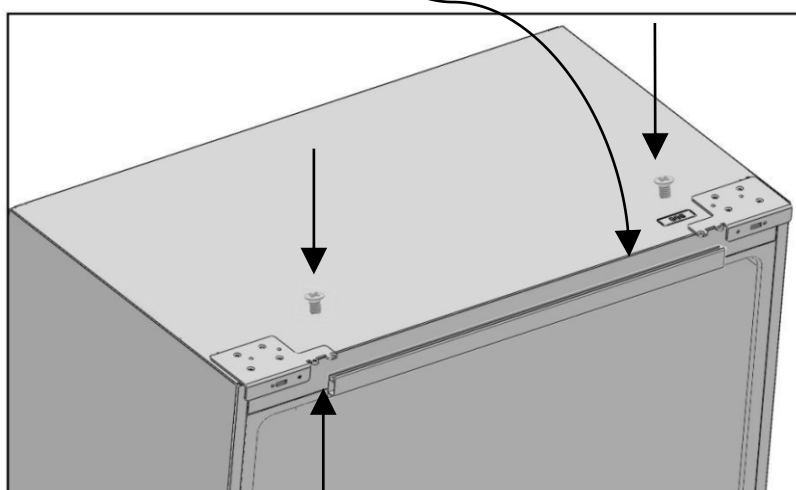
- Fit the brackets into their places, using 4 screws for each.
- You must use all of the 2 brackets to ensure safety of the product.



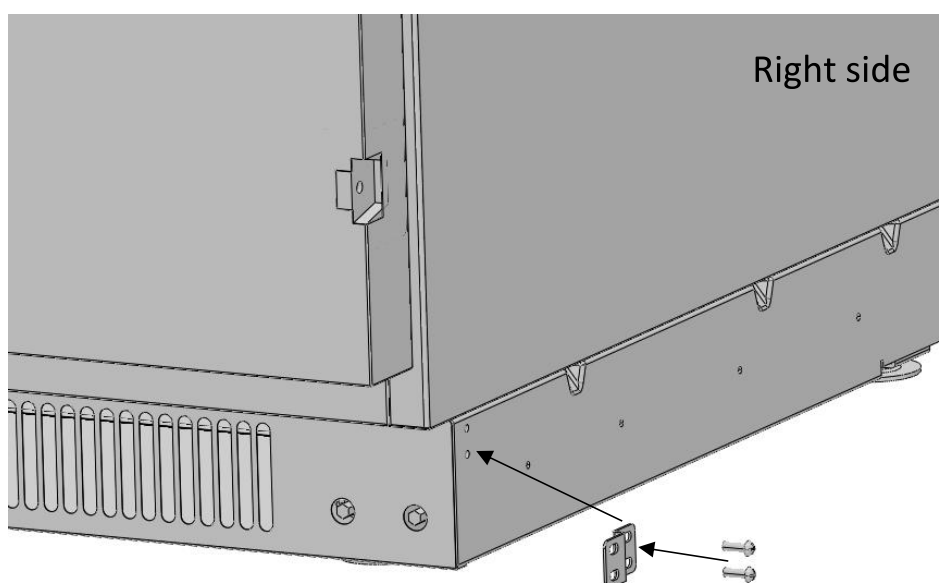
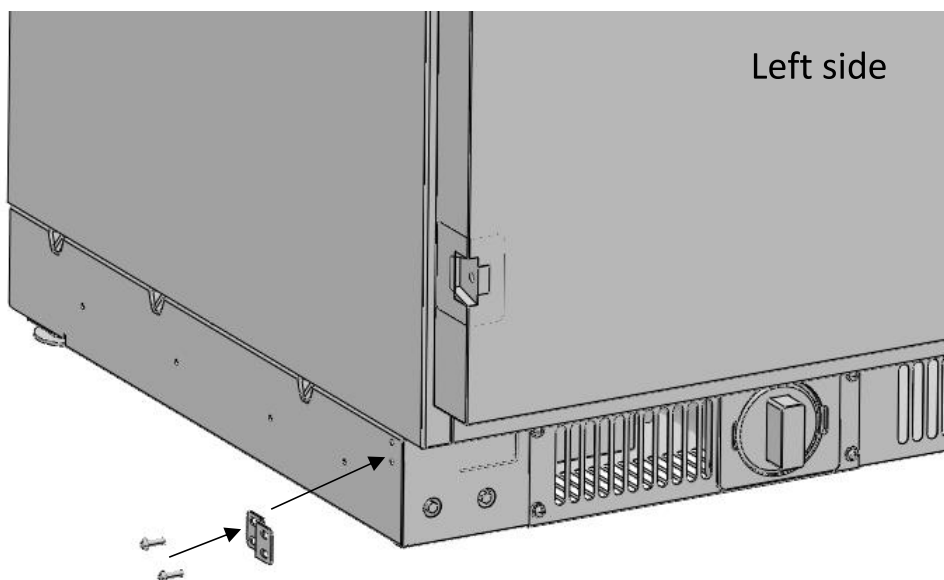
Please remember to use the necessary protective equipment when drilling holes on the wall and performing installation.



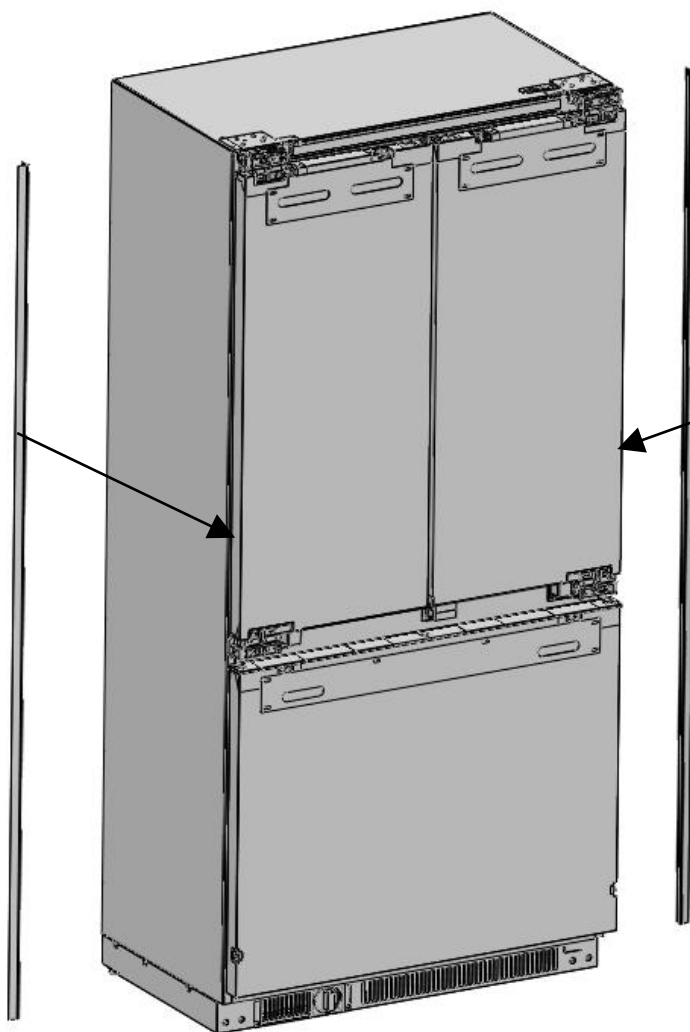
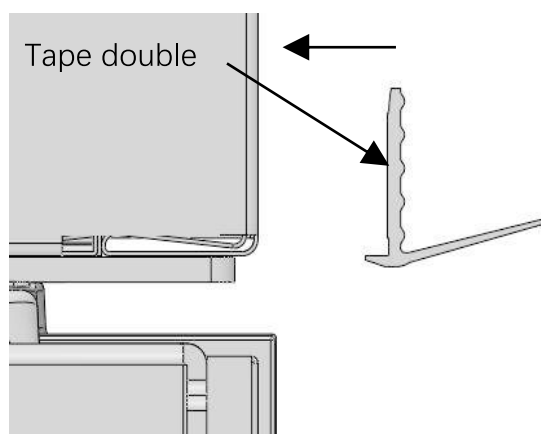
- Use 2screws (M5×5) to fix.



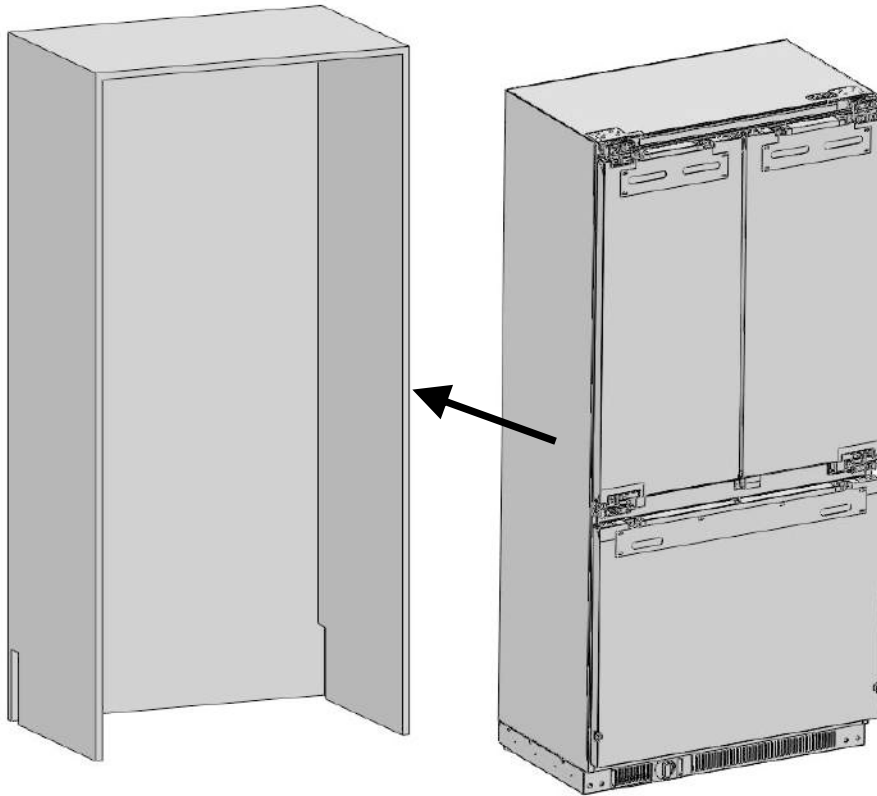
- Fix the bracket furniture to the unit , Use the screws(ST4*12) to tighten.



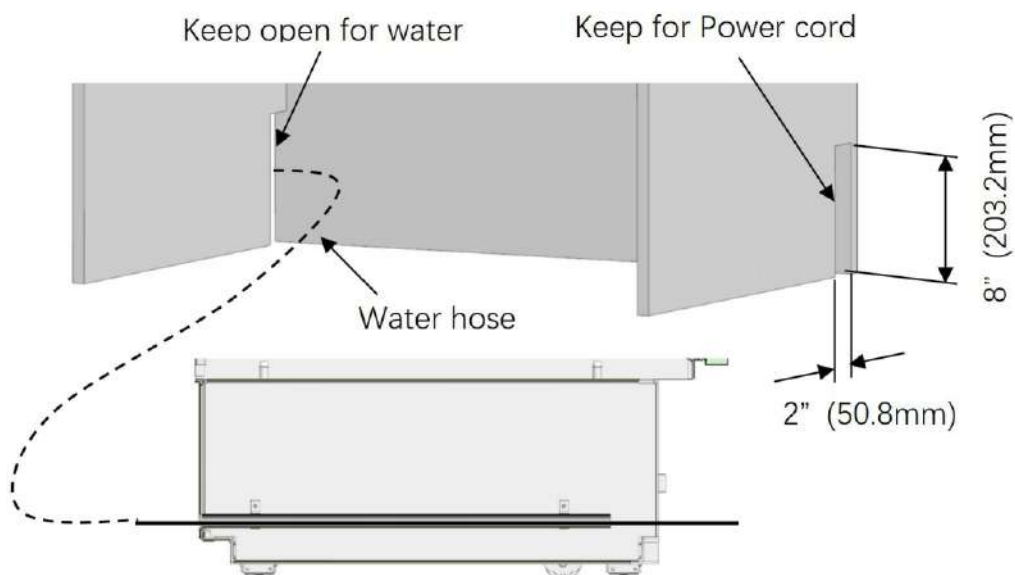
- Attach the Trim Box side. The backing paper of the double-sided tape should be removed before attaching the parts.



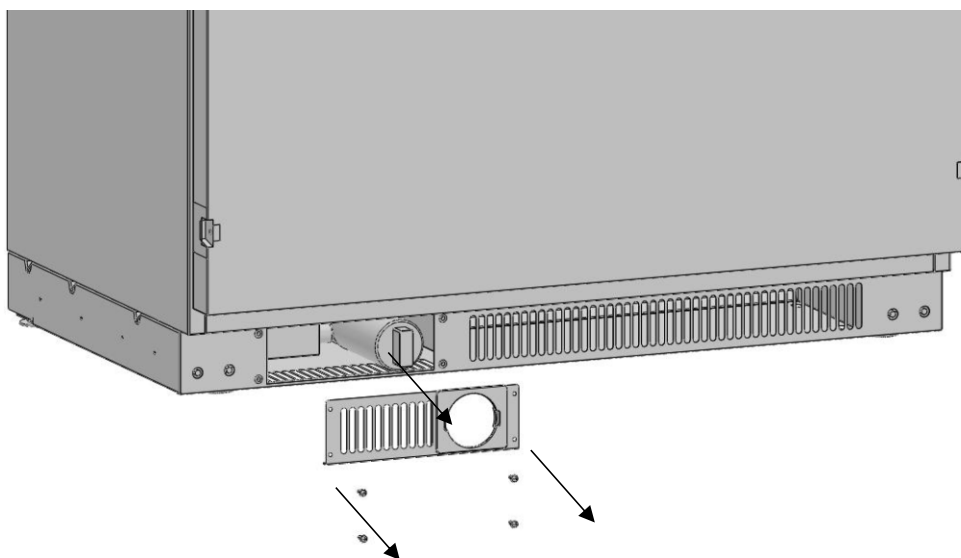
- Push the product carefully towards the cabin to place it.



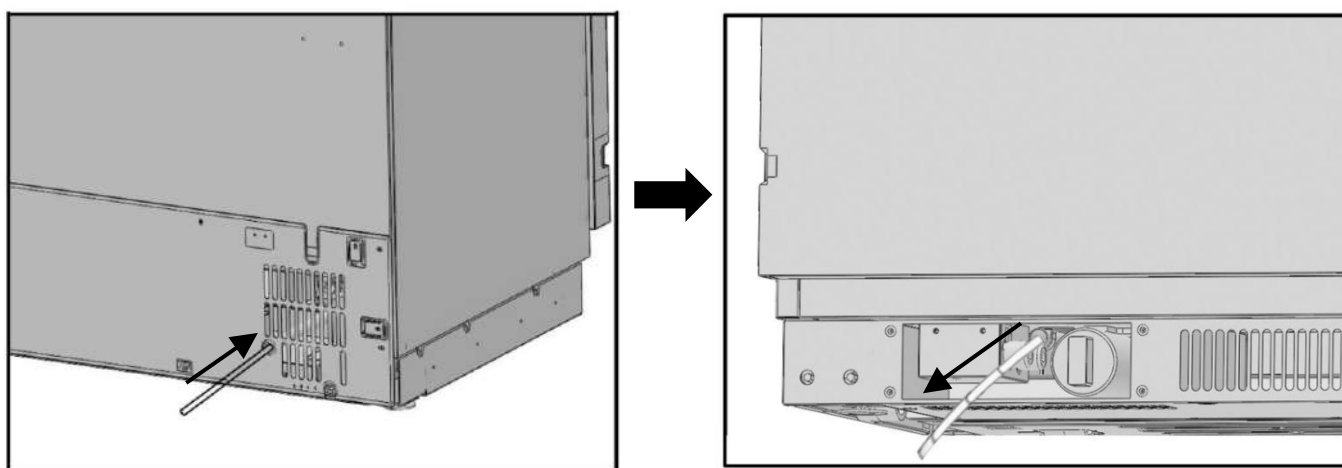
- You will need a hose with a minimum length of 60" (1.5 meters) and a diameter of $\frac{1}{4}$ " for water connections of the product during installation.
- A connector that has a thread with an external diameter of $\frac{1}{4}$ " must be used to connect the hose end to the product.
- The plug of the product must be accessible after installation.



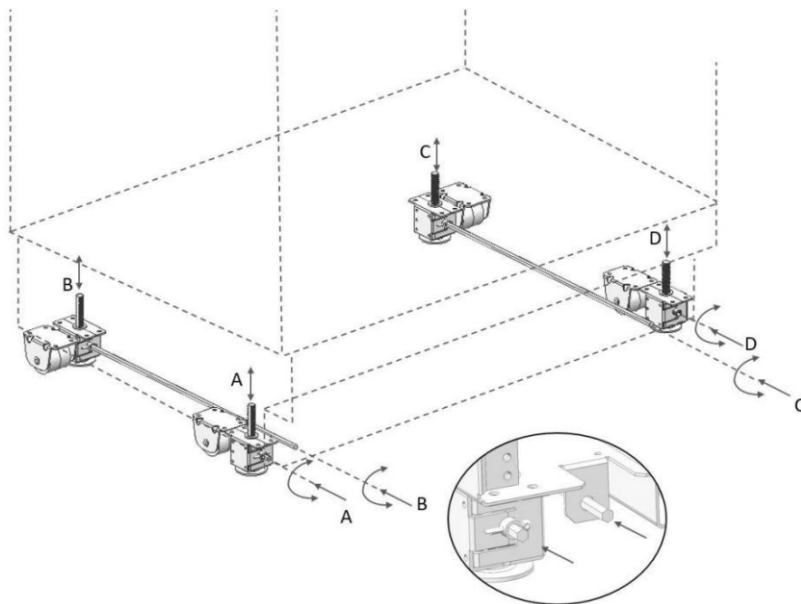
- Remove the 4 screws to take out the Vent Hole Part.



- Insert the mains water hose into the duct at the back and take it out from the front.



- Adjust the wine cooler height using the adjustable feet.

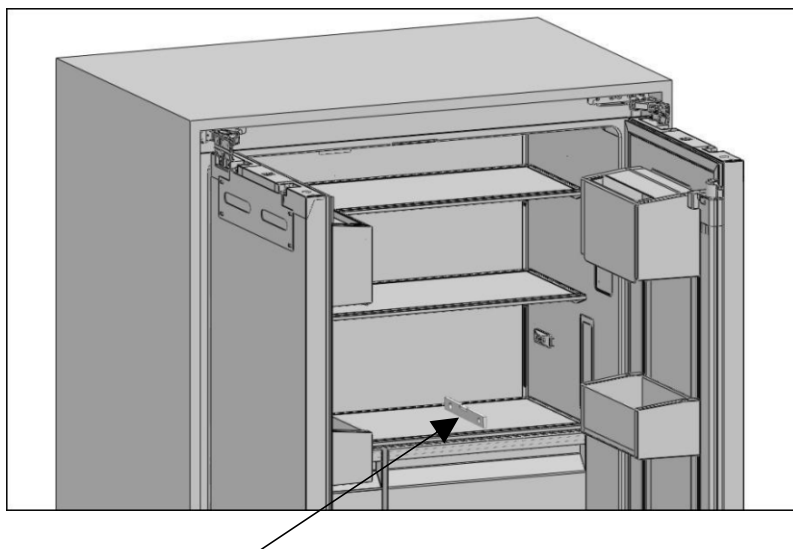


First of all, raise the front feet to reduce the risk of the cabin falling forward.

A/D –Turn the key clockwise to lift the front

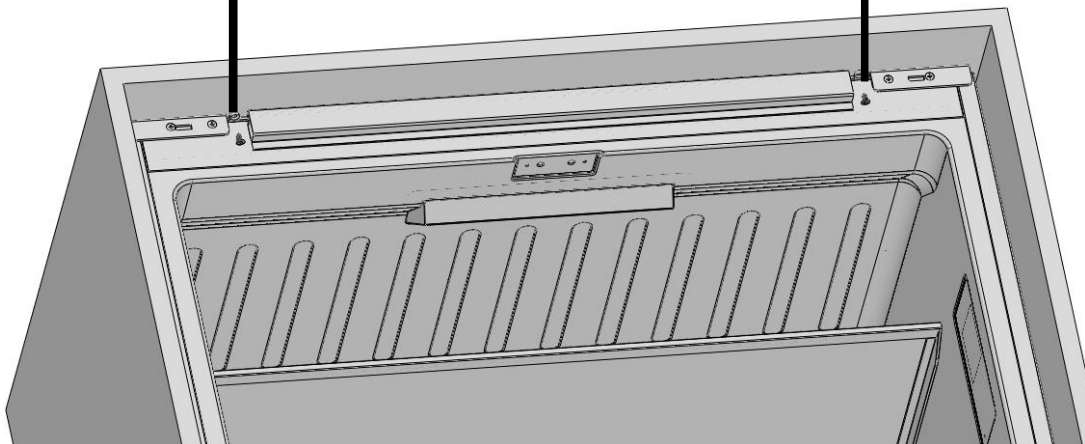
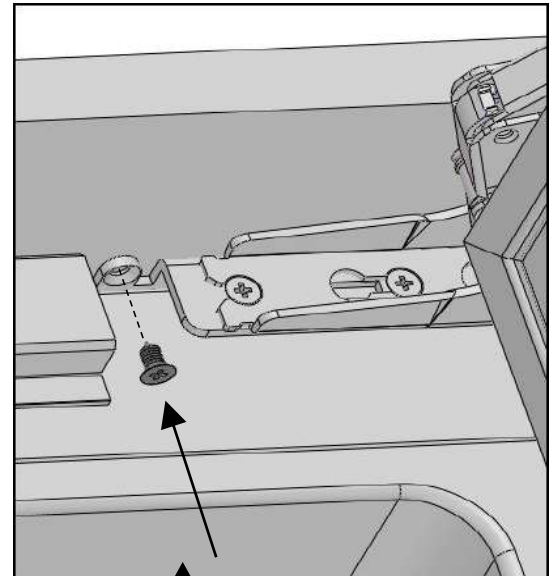
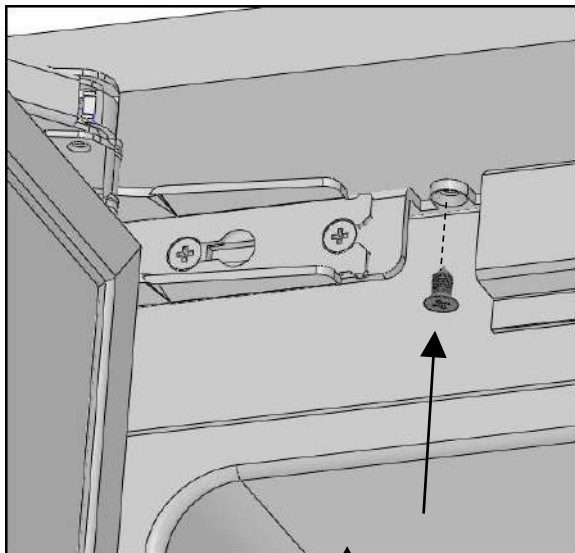
B/C –Turn the key clockwise to lift the rear

- After adjusting the adjustable feet, check the flatness in both width and depth directions.

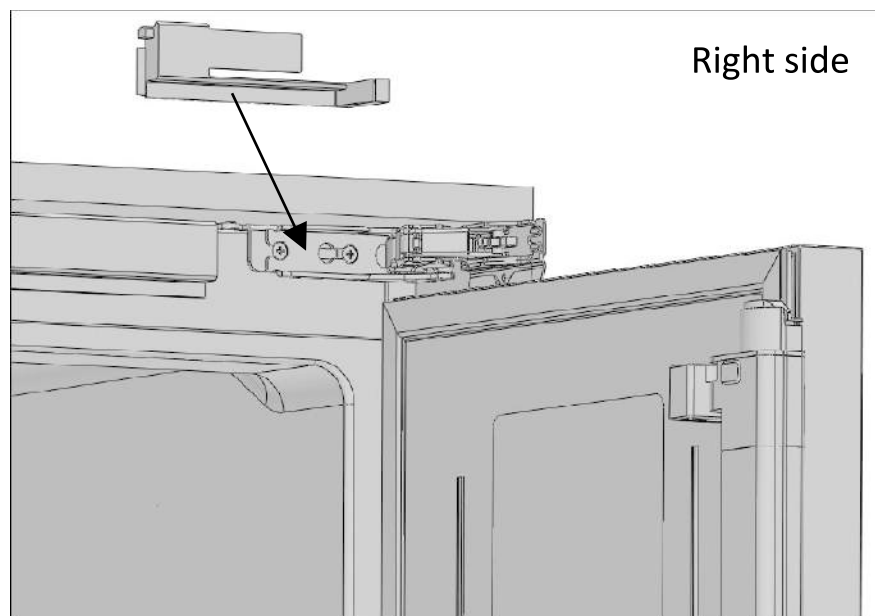
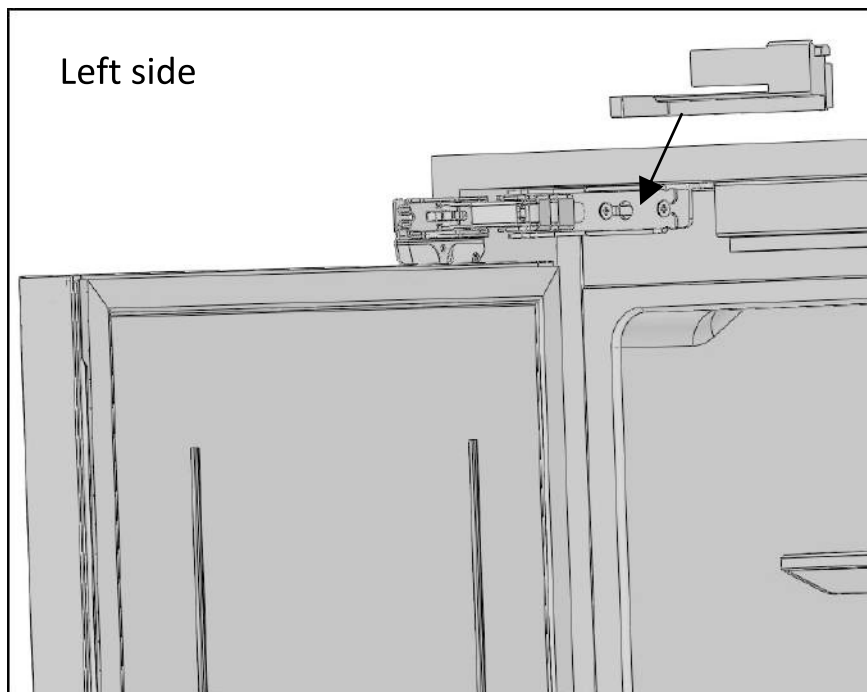


Bubble Level Tool

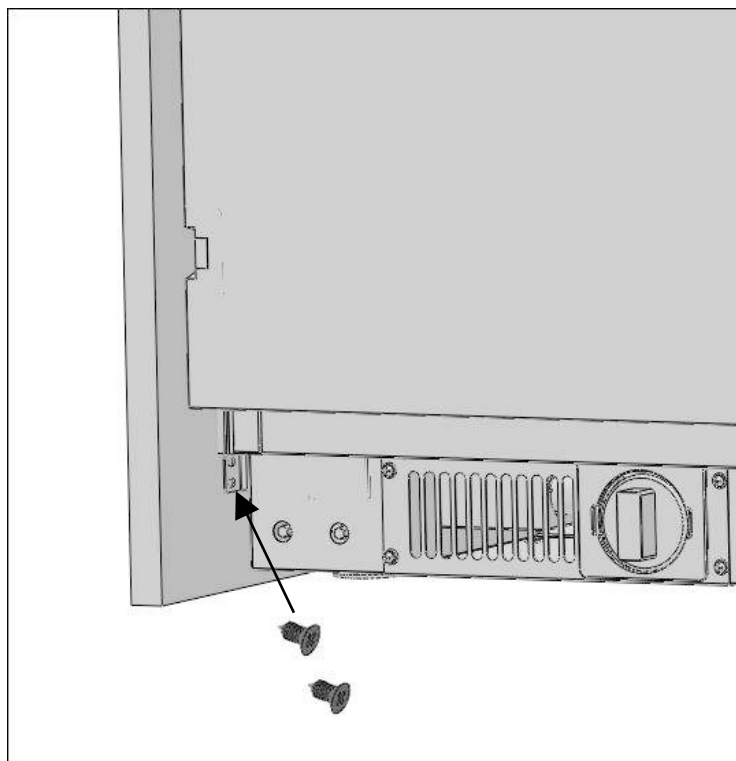
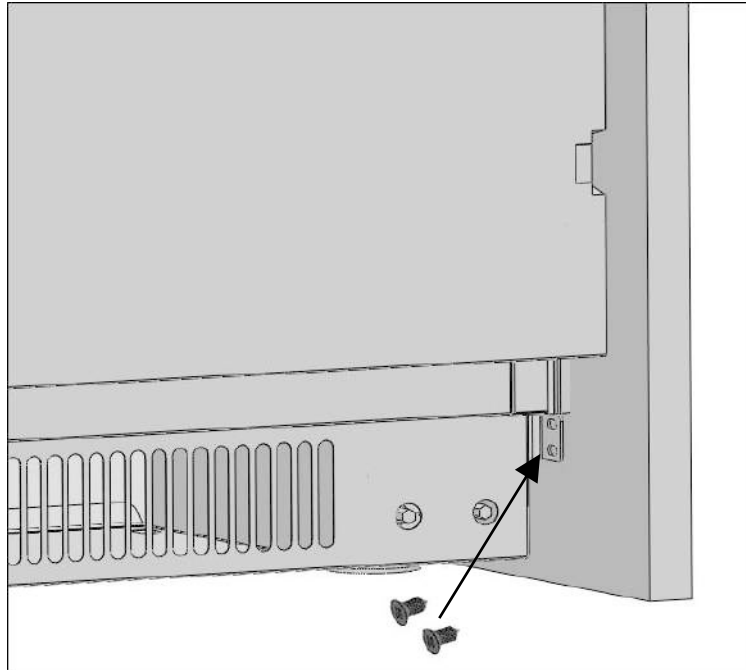
- Attach the bracket furniture to the furniture with 2 screws(ST4x14).



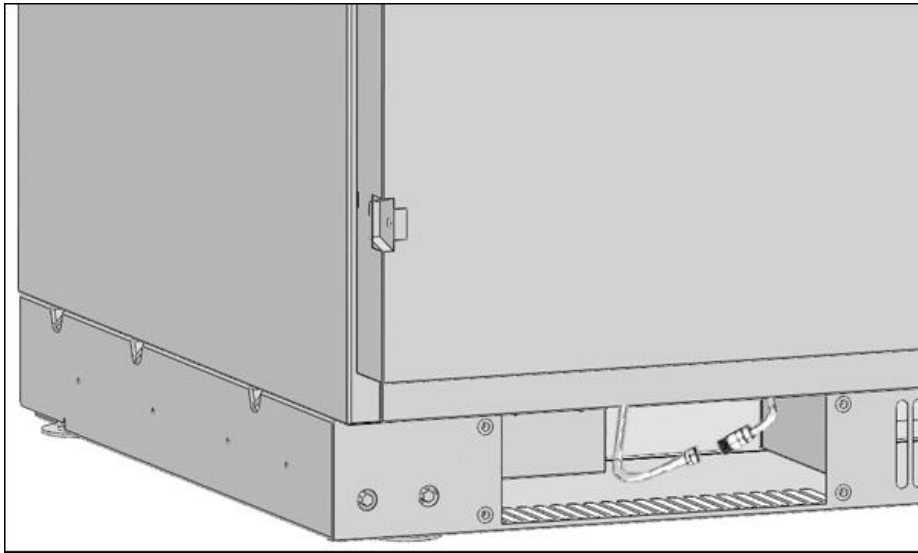
- Attach the Hinge Slot Caps .



- Attach the bracket furniture to the furniture with 4 screws(ST4x14).

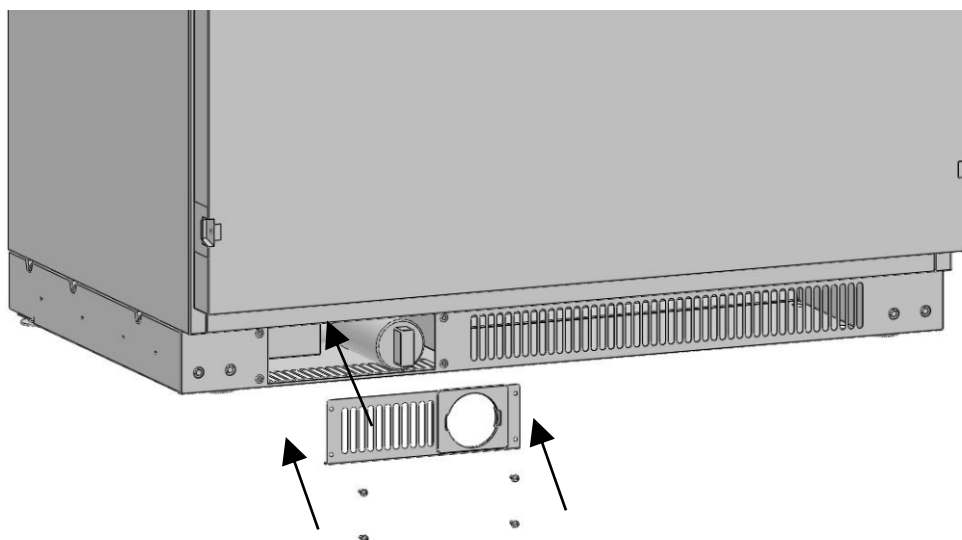


- Use the 2 wrenches to firmly connect the hose coming from the mains and the hose coming from the valve.

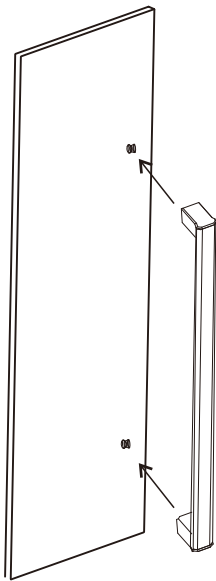
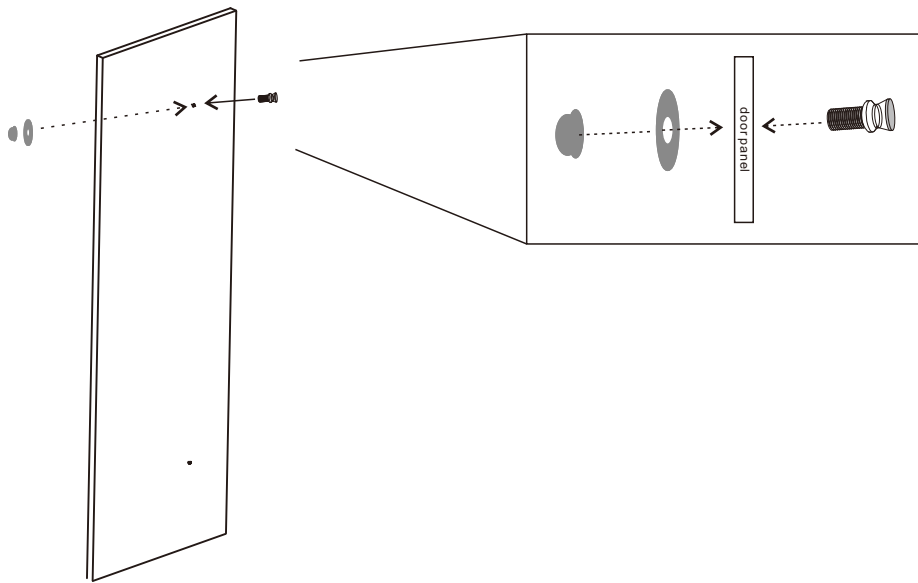


- The hose coming from the mains must be one piece. Do not use extension hoses.
- Make sure that the power is cut off when making the water connection of the product.
- The water valve must be off when connecting the water hose.
- It is recommended that the water on/off valve remains accessible after installing the product.
- This product is suitable for use with cold water mains only.
- Pressure of the water system must be between 25-80 psi (1.7-5.5 Bar).
- Once the connection is complete, you must turn on the mains valve and make sure that there is no leakage at that point.

- Use 4 screws to attach the vent hole part.



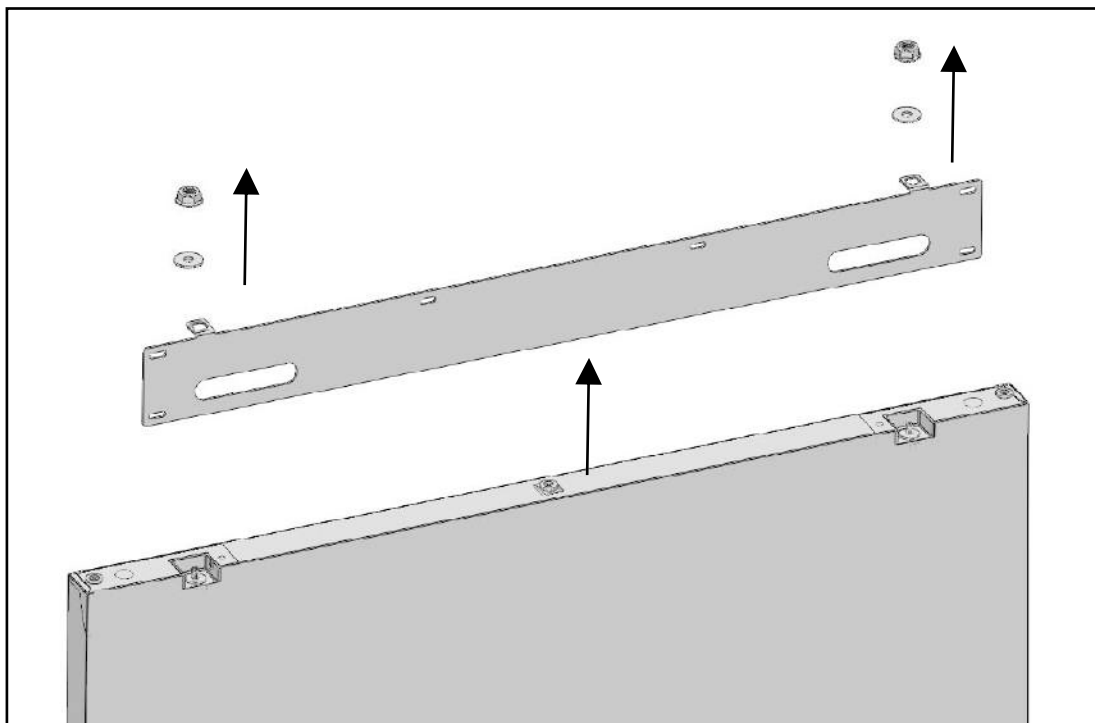
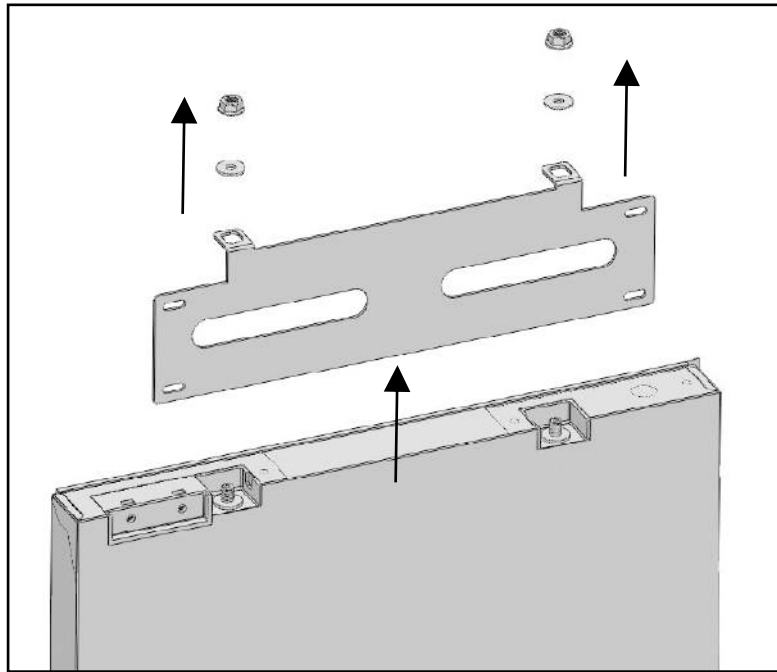
- Remove the protective film of Stainless steel panel;
- Securing the handle fixing screws as image;
- Install the handle with Inner Hexagonal Spanner as image.



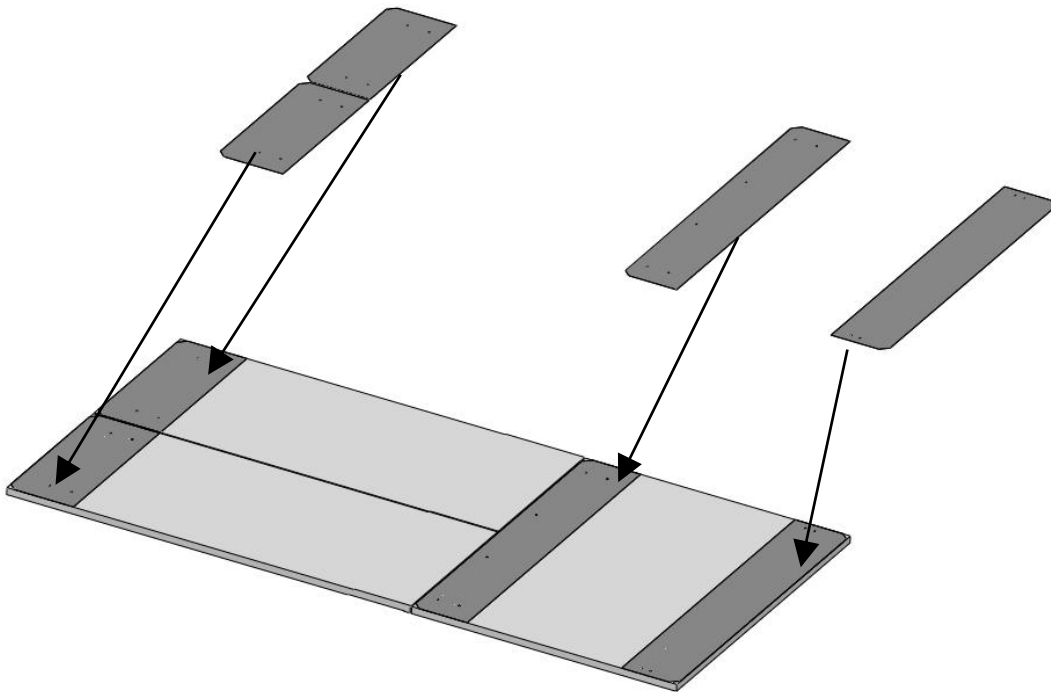
Tighten the handle
by using Inner Hexagonal Spanner



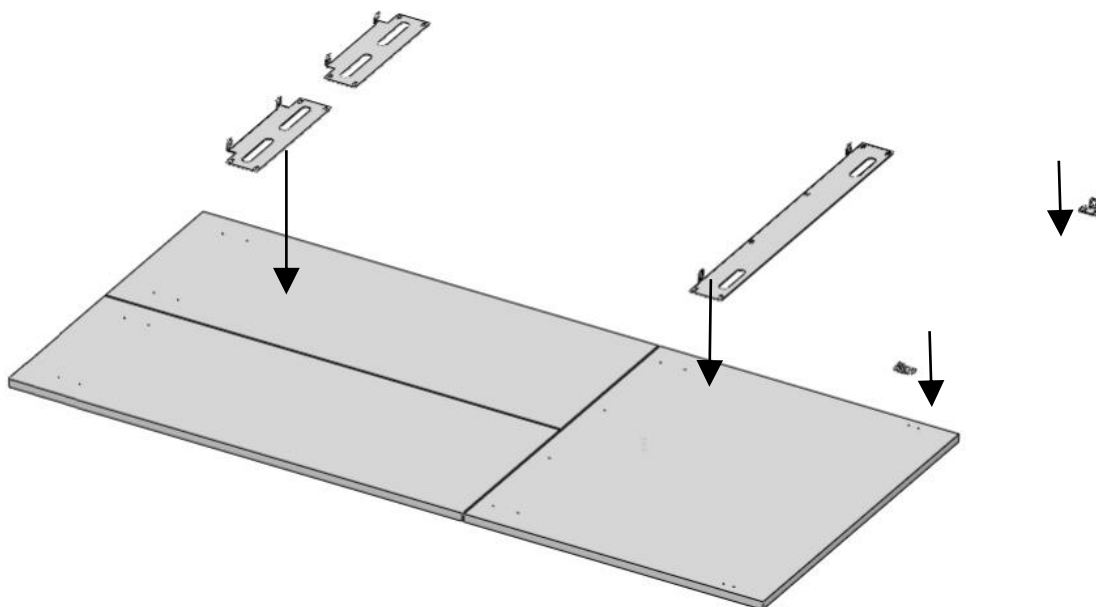
- Remove the upper and lower Adjusting Mechanism assemblies from the door.

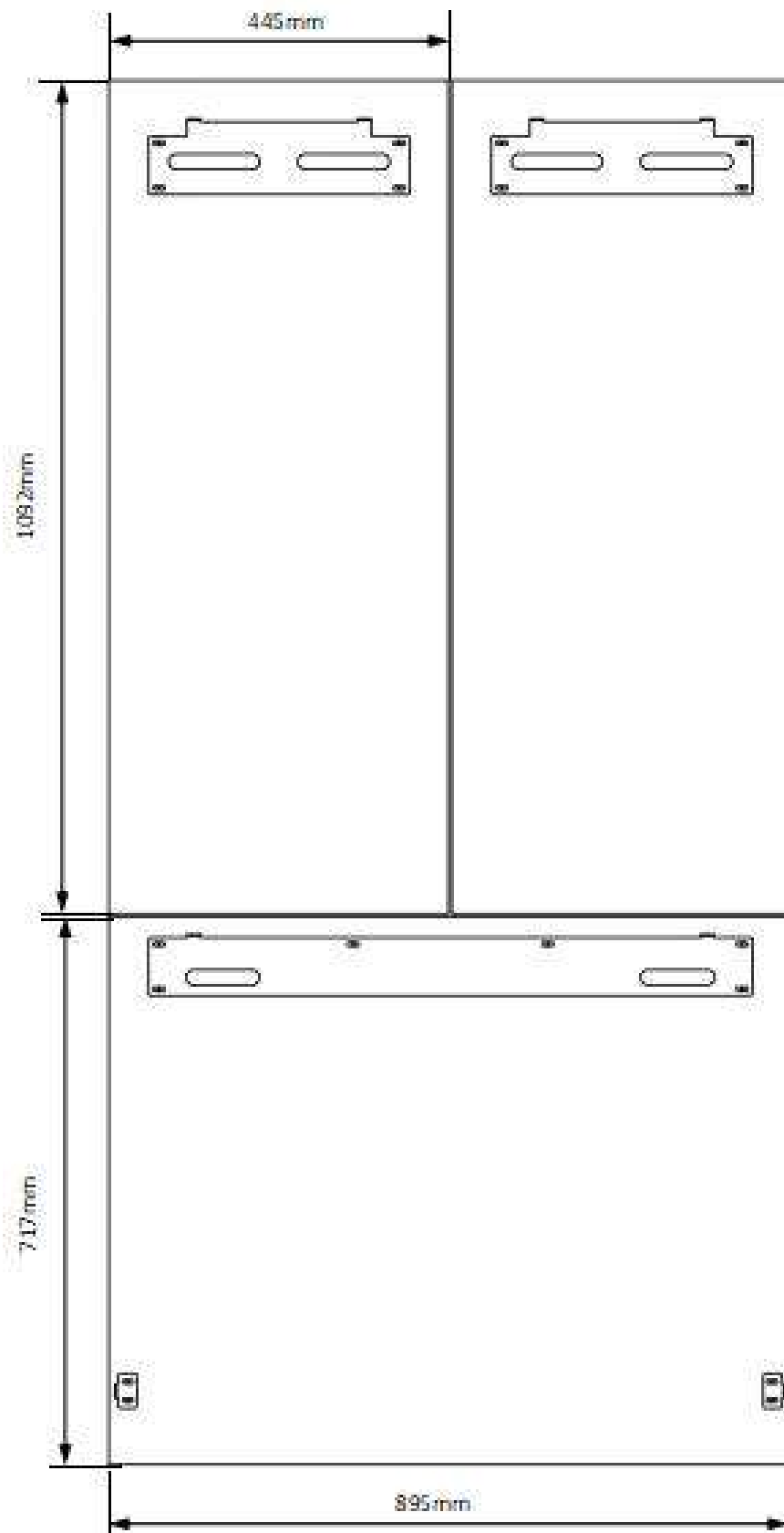


- When marking, you can use the "Furniture door preparation template" provided with the product.

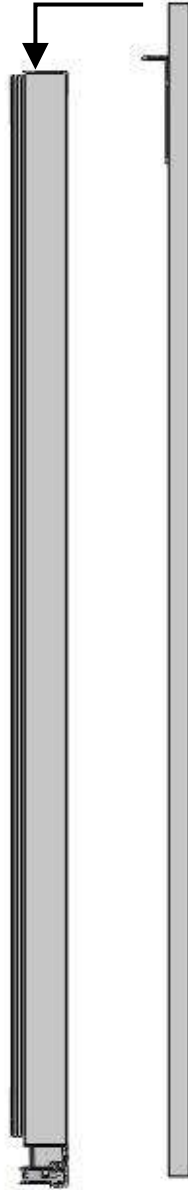


- Install cradles using the chipboard screws(ST4x14).

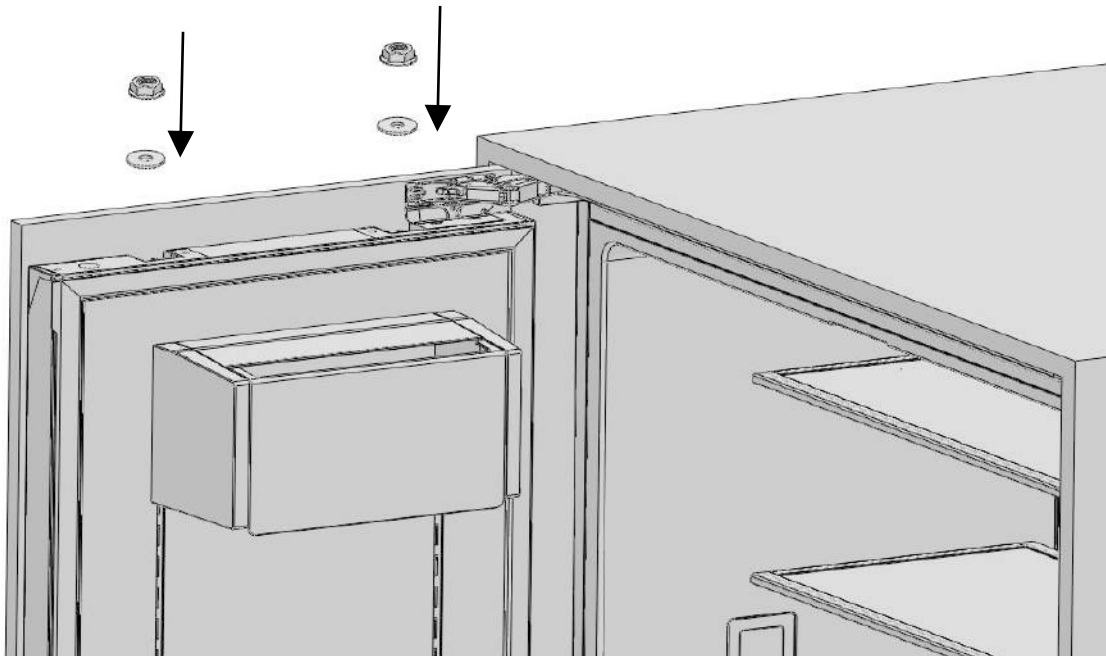




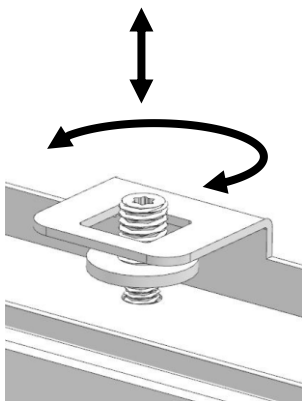
- Attach the furniture door to the fridge door.



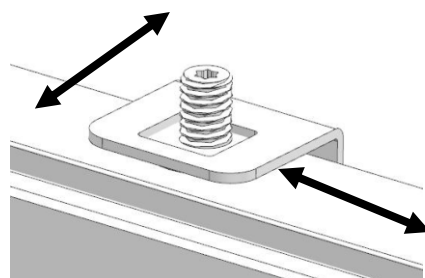
- You should adjust 3D direction using by two fixing bolt to perform fine adjustments.



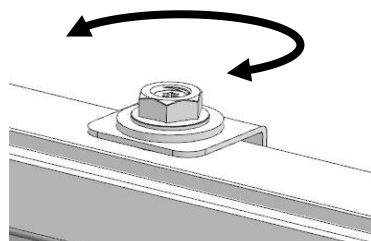
- How to align the furniture door upper part with bolts.



Up & down

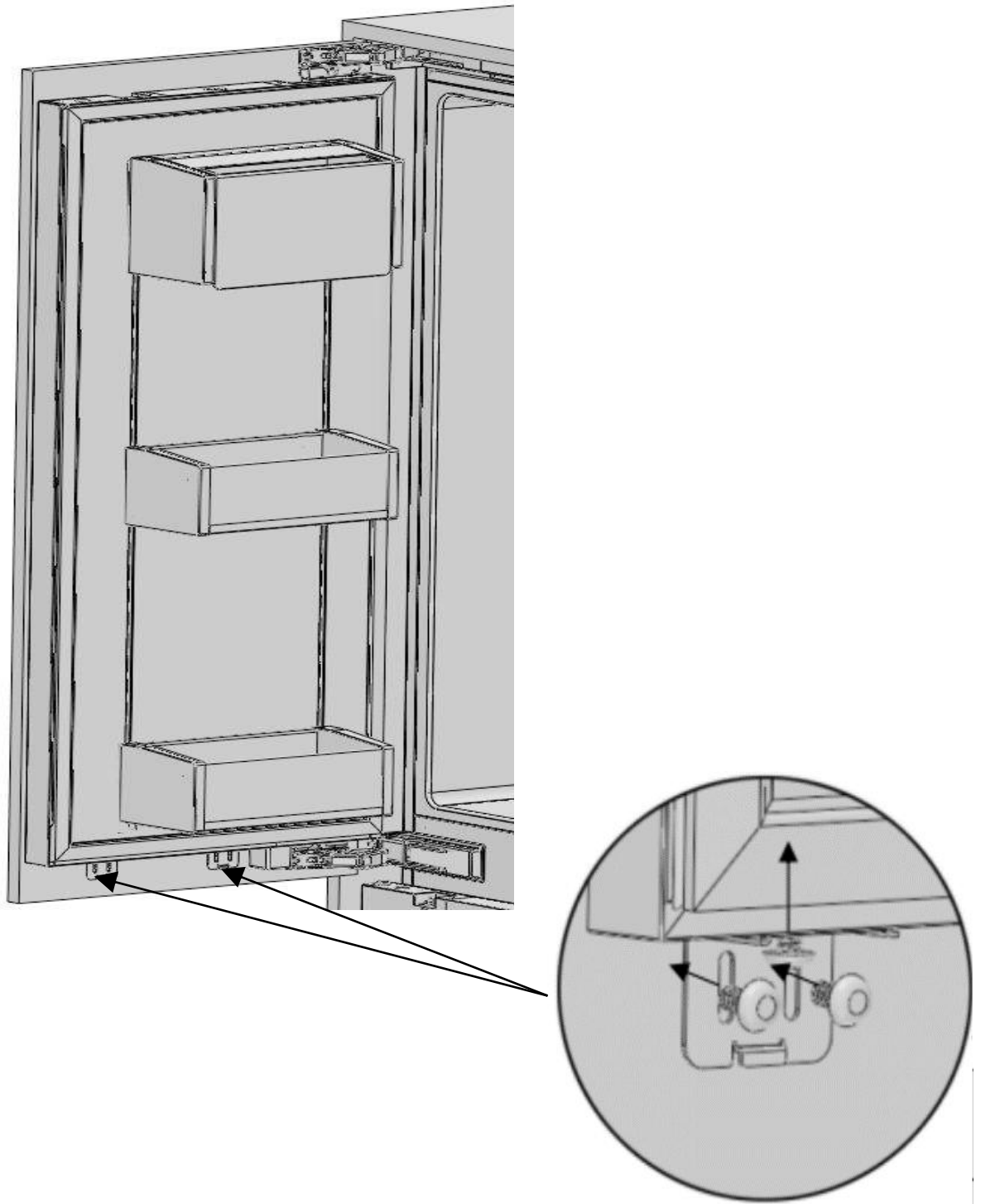


Front & back
Left & right

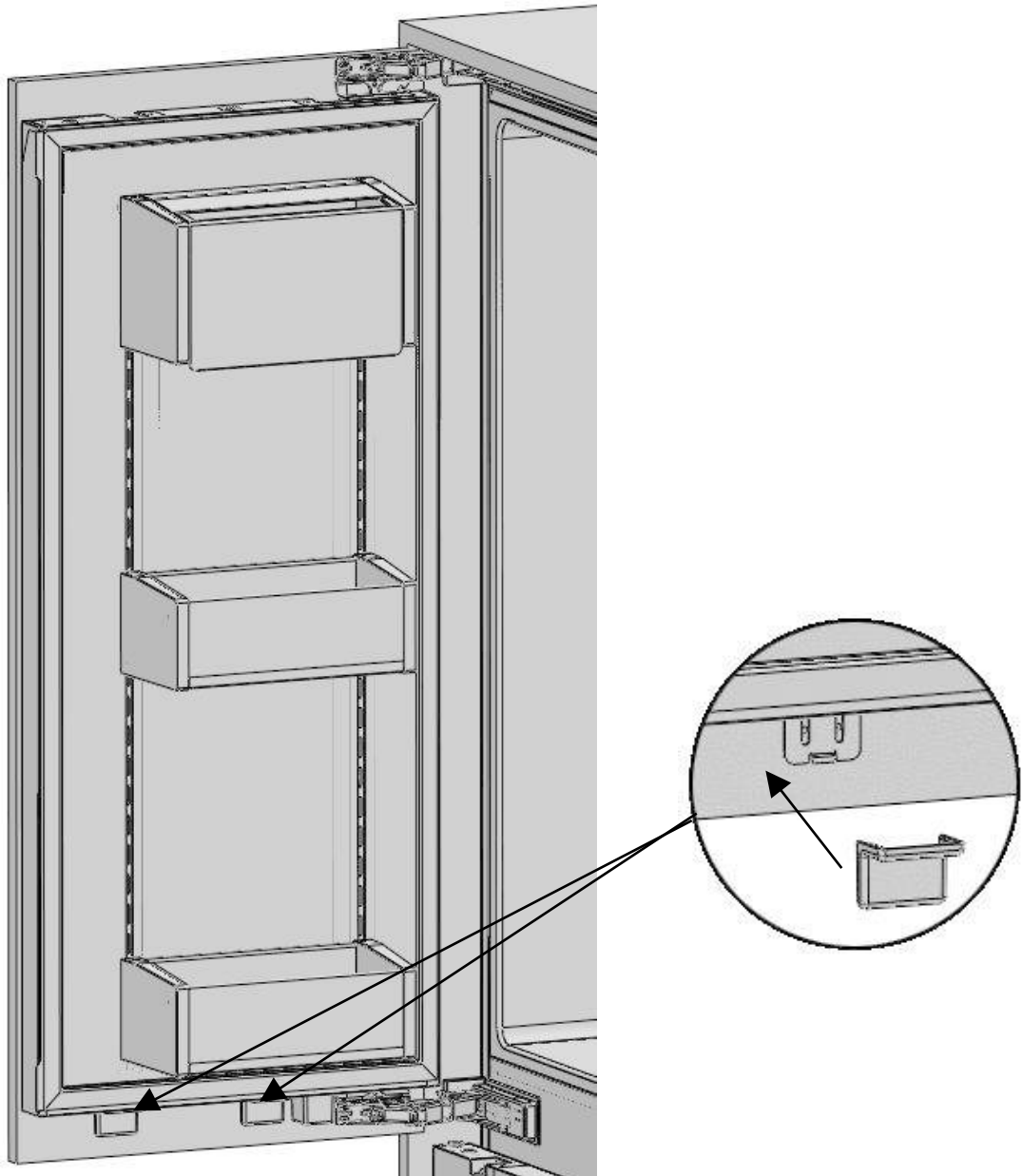


Fixing furniture door completely

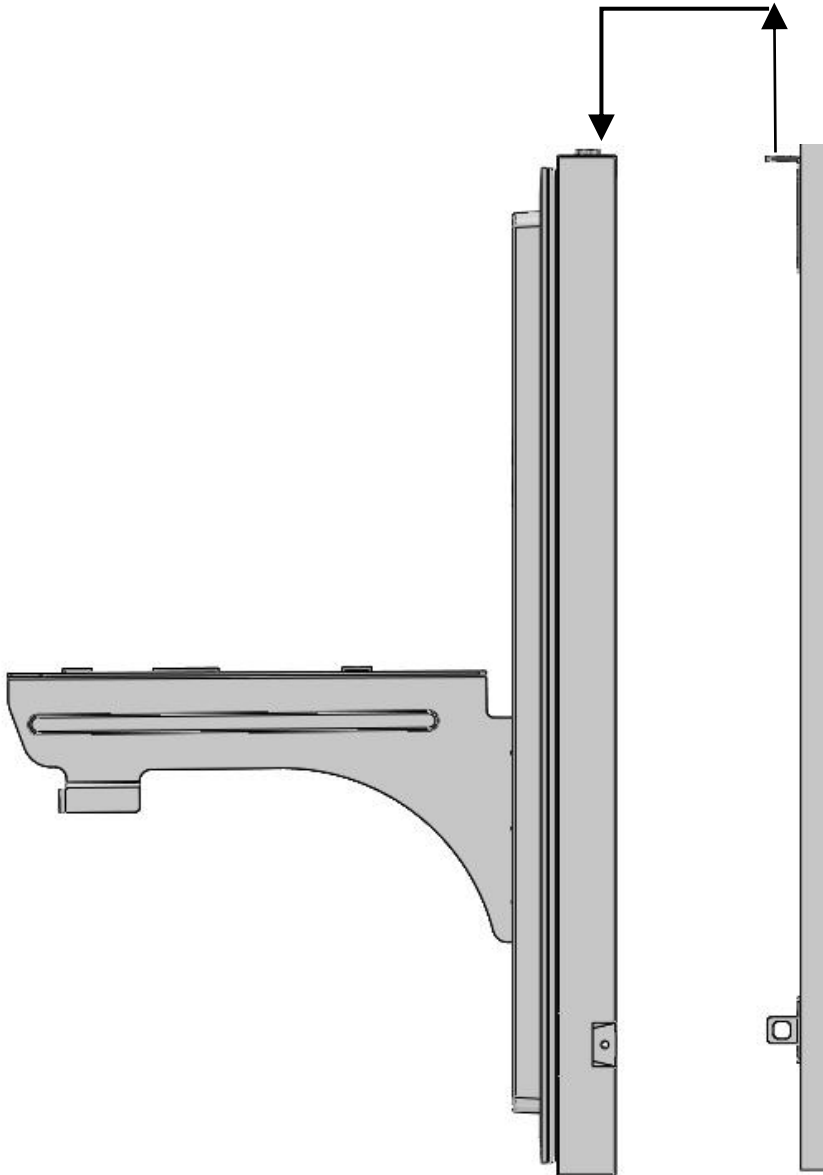
- Use the door-door furniture connecting bracket to join the furniture door.
- Use 2 screw door fixing bracket (ST4x12) to fix on the door. Use 4 screws (ST4x14) to fix on the furniture door.



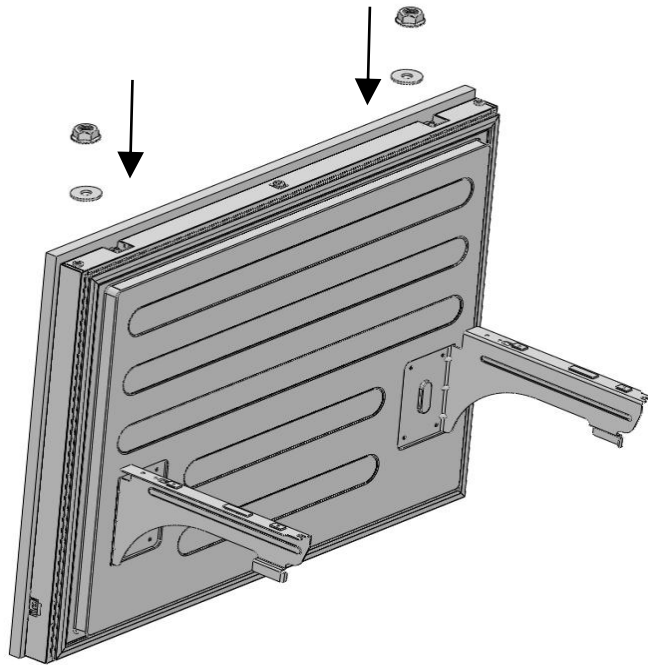
- Attach the Trim door side.



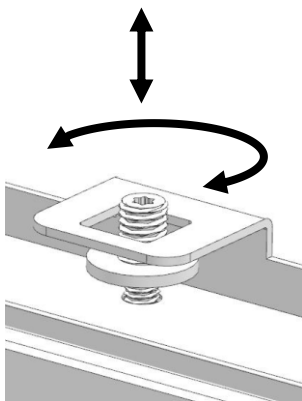
- Attach the furniture door to the freezing door.



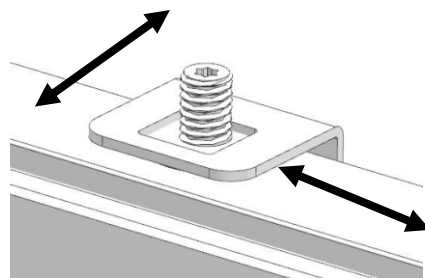
- You should adjust 3D direction using by two fixing bolt to perform fine adjustments.



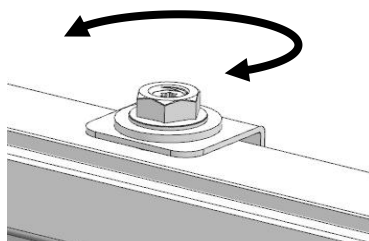
- How to align the furniture door upper part with bolts.



Up & down

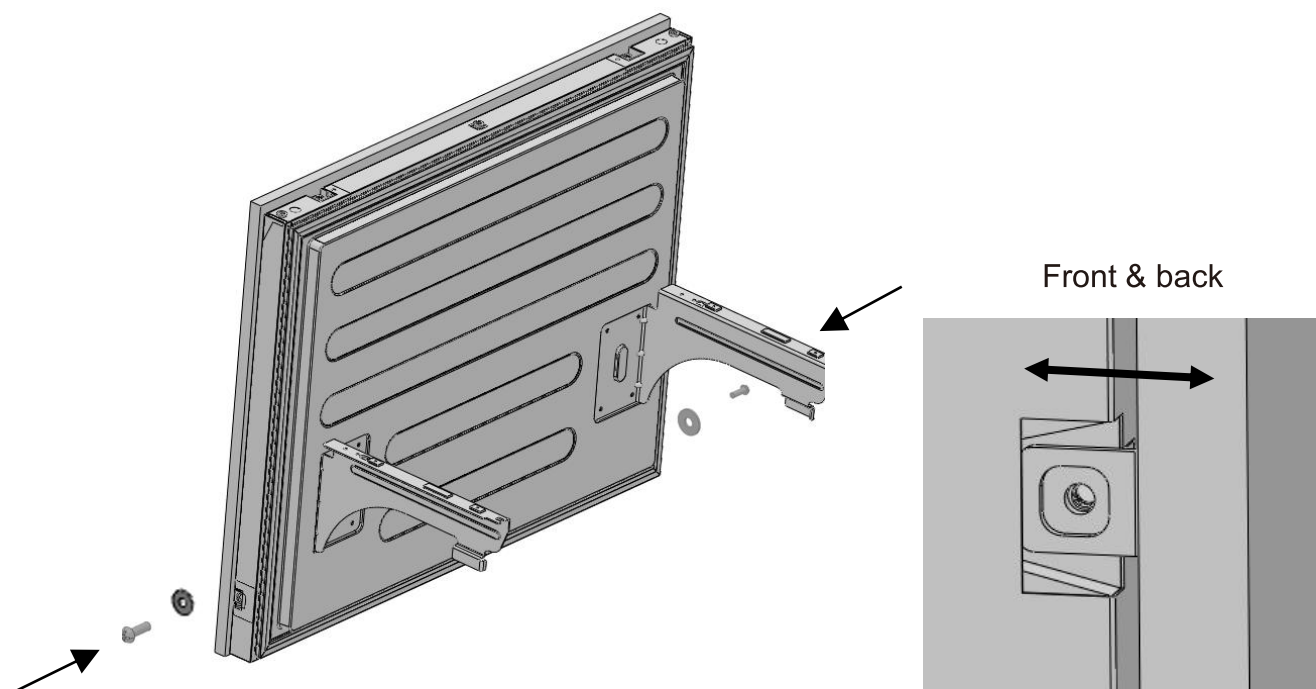


Front & back
Left & right

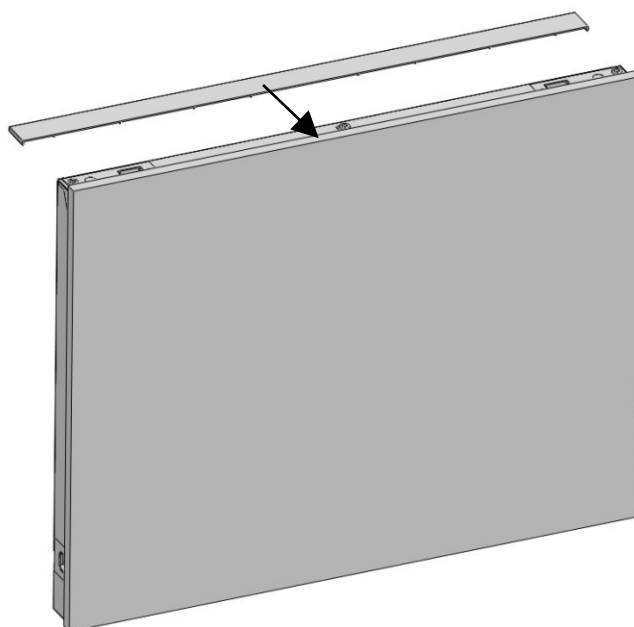


Fixing furniture door completely

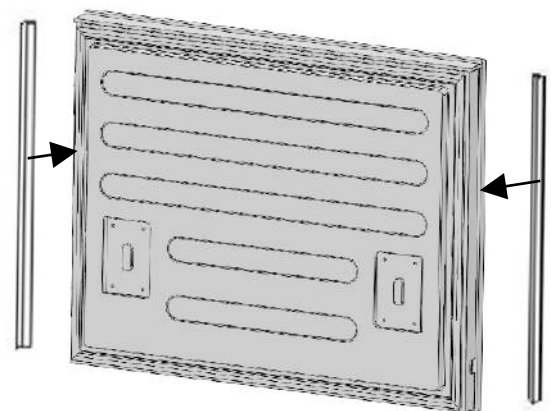
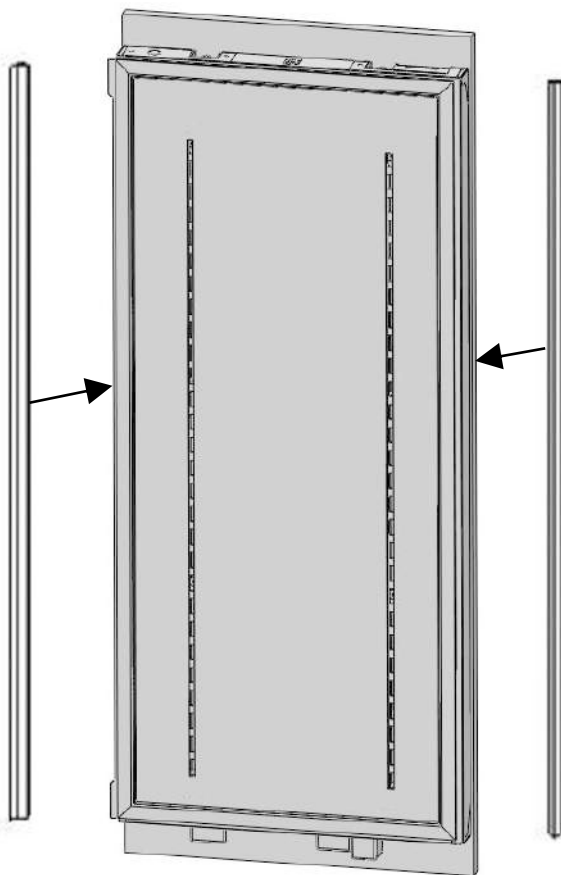
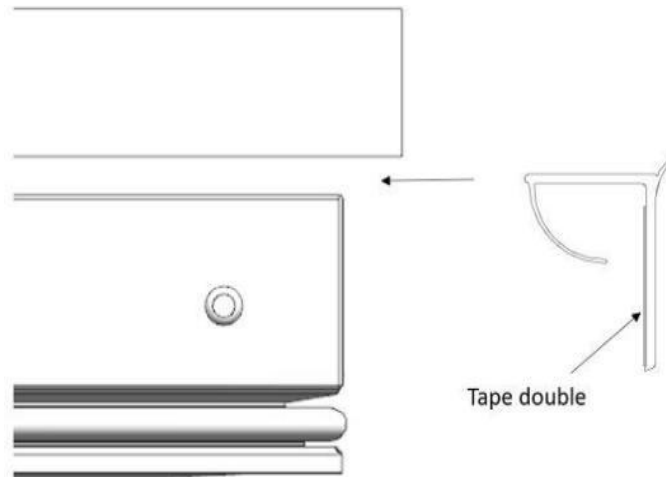
- Fixing the brackets with 2 screws (M5×16) and 2 shims.



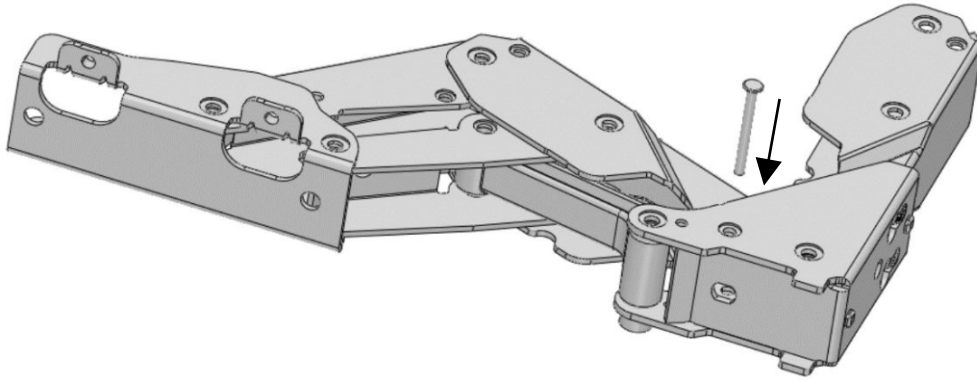
- Attach the cover freezing door top using the tabs.



- Attach the Trim door side. The backing paper of the double-sided tape should be removed before attaching the parts.



- You can limit the opening degree of your door to 90° if you want.



limit pin should be inserted to upper hinge



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