

INSTALLATION MANUAL

KOOLMORE RESERVE

Panel Ready Refrigerator Column

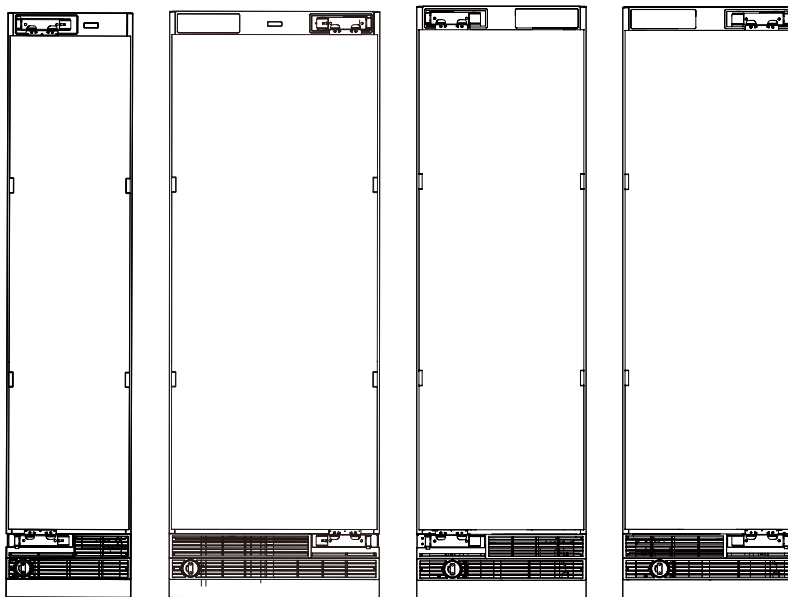
Models: KM-PRC-F18, KM-PRC-F24, KM-PRC-R24,
KM-PRC-R30

KM-PRC-F18

KM-PRC-R30

KM-PRC-F24

KM-PRC-R24



For any service related
issues, please contact us:

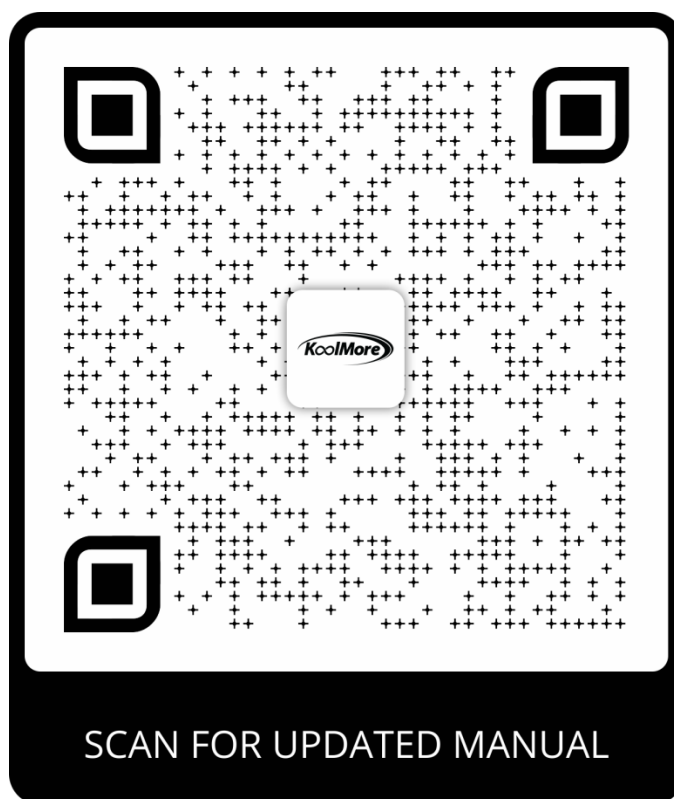
 **718-576-6342**

 **support@koolmore.com**

Before using, please read the operating instructions carefully to
ensure proper application and achieve satisfactory results.

Stay informed with the latest information for your KoolMore Reserve Appliance.

Scan the QR code above to access the most recent user manual on our website, which is constantly being updated and improved.



If you need any assistance or have questions, our customer support team is here to help.

P- 718-576-6342 E- Support@koolmore.com

Please write down the model number and serial number below for future reference. Both numbers are located on the rating label on the back of your unit or inside of the unit and are needed to obtain warranty service. You may also want to staple your receipt to this manual as it is the proof of your purchase and may also be needed for service under warranty.

Model Number: _____

Serial Number: _____

Date of Purchase: _____

To better serve you, please do the following before contacting customer service:

If you received a damaged product, immediately contact the retailer or dealer that sold you the product.

Read and follow this instruction manual carefully to help you install, use, and maintain your unit.

Refer to the Troubleshooting section of this manual as it will help you diagnose and solve many common issues.

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Installation prep

You must follow the instructions below:

- The floor on which the appliance will be installed must be capable of bearing 1,200 pounds 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" from electric hobs or ovens
 - 12" from gas or fuel operated hobs or ovens

Electric safety

1. The power socket or fuse must be easily accessible in case of an emergency, it must not be hidden behind the product.
2. Plug or cable must not touch the back surface of the product. Otherwise, it may get damaged due to the vibration of the product.
3. Do not connect the plugs of other appliances behind this product.
4. If the humidity level is high where the product is used, corrosion may be seen on the outer surface of the product.
5. Keep the installation room dry and well-cleaned to avoid corrosion.

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" (16mm).

Minimum thickness of the doors to be attached to the product must be 3/4" (19 mm) .

ATTENTION:

There is a stainless steel door and stainless kick plate option. Please consult the authored 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 authorized 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 energize the product.

WARNING:

Please wait for 3-6 hour before energizing 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.

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



Ø8.0 Drill bit



Box Cutter



Safety Gloves



Tape measure



Star bit



1/4" Wrench Flat



Bubble Level Tool



Wheelbarrow



Tape

Cut out dimensions

The instructions below have been prepared according to Built-in type.
The Appliance and Panels fully sit into the gap.

Cut out dimensions

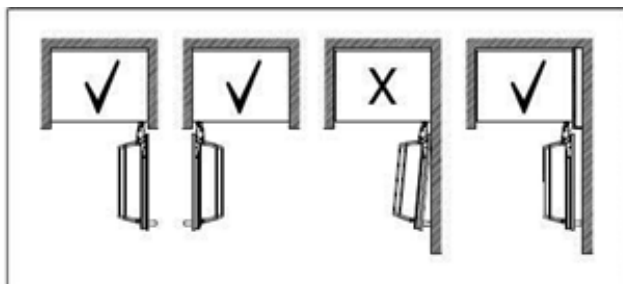
- Cut out dimensions below must be checked before starting the installation.

Category		KM-PRC-F18	KM-PRC-F24	KM-PRC-R24	KM-PRC-R30
A	width	18"	24"	24"	30"
B	depth	25"	25"	25"	25"
C	height	84"	84"	84"	84"

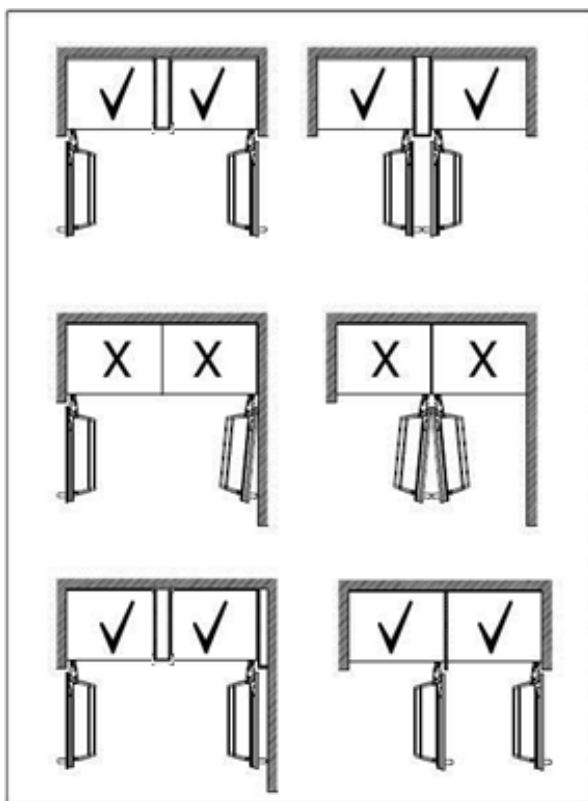
Placement Options

The product can be placed in various ways based on the kitchen design. It must be installed at a place where it is ensured that the door can be opened and closed properly. If the doors cannot be opened 90 degrees at least, you cannot completely open the drawers inside the product.

- Single cabin placement methods



- Dual cabin placement methods



Location of the electrical wiring

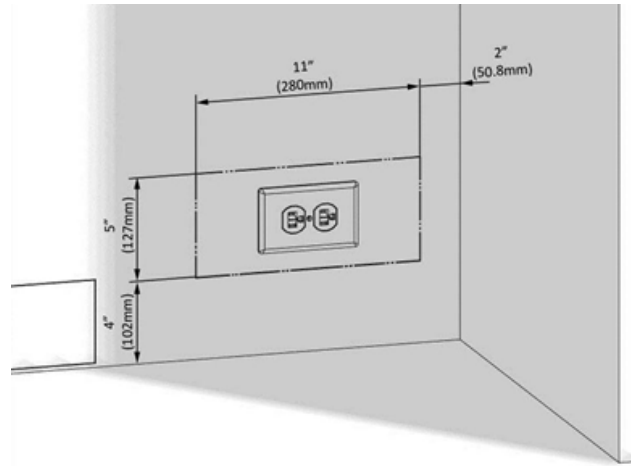
Location of the electrical wiring must be within the position range given below.

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

Water Quality: The water connected to the water mains must be potable.

Installation Location: The water system must be installed within the specified range.

Connection: The refrigerator's water system should be connected directly to the house's water mains system.

Accessibility: Ensure that the user can easily access and operate an on/off valve for the water supply to the refrigerator.

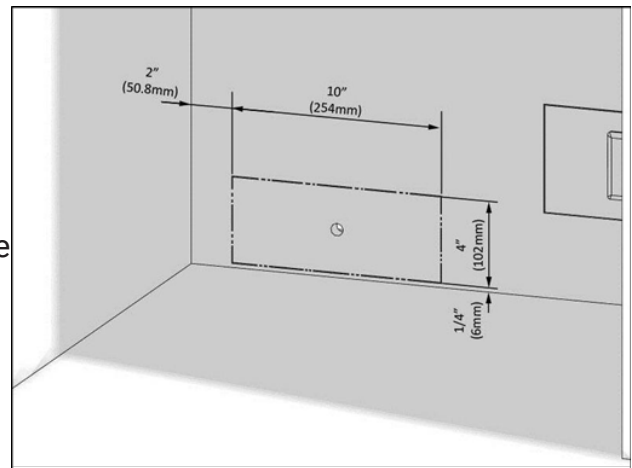
Safety Precautions:

Avoid installing the water line near objects that could pierce or twist the water hoses.

The water pressure must be maintained between 25-80 psi (1.7-5.5 Bar).

If your water pressure exceeds 80 psi, you must install a pressure limiting device or a water impact protector at the inlet valve.

Do not install or operate the refrigerator if the water pressure could exceed 120 psi.



WARNING:

Check for Leaks: Ensure there are no water leaks when connecting the water system to avoid water damage to the floor and furniture.

Hose Specifications:

Length: Minimum 60 inches.

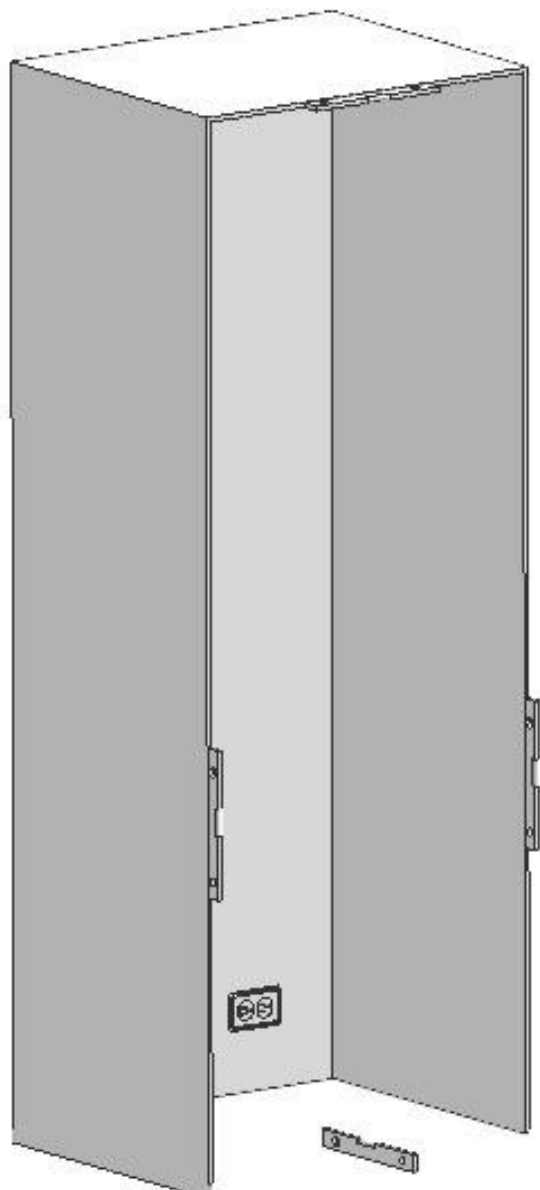
Diameter: ¼ inch.

Connector: Use a connector with an external thread diameter of ¼ inch to attach the hose to the product.

Final Check: Before finishing the installation, verify that the water flows correctly

WARNING:

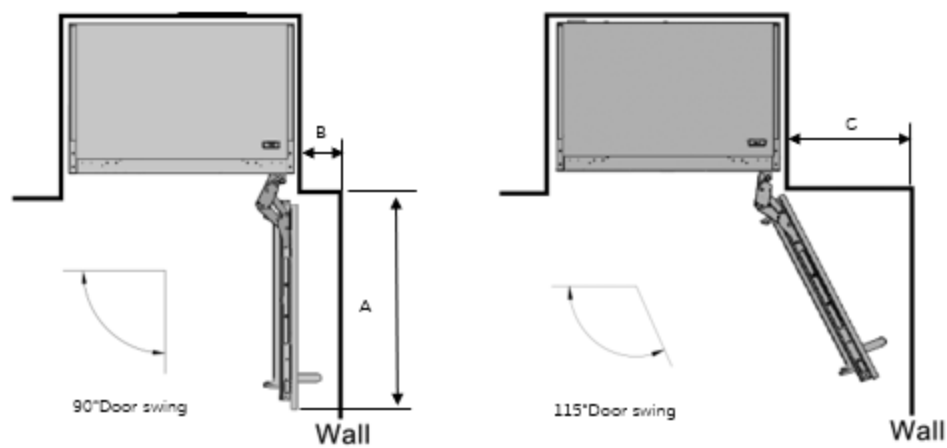
Flatness of the floor where the product will be installed must be checked with a Bubble Level Tool.
Uprightness of the furniture flanges must be checked with a Bubble Level tool.
If the flatness and uprightness of the product is not proper, problems may arise with the installation.



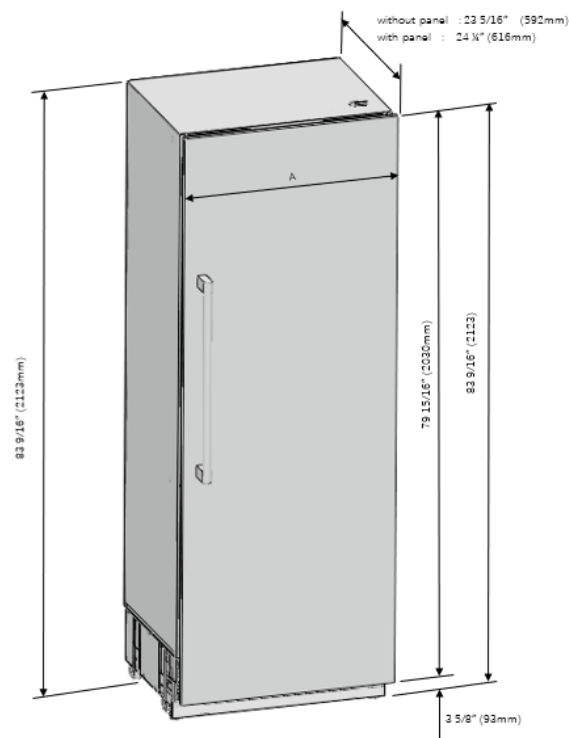
INSTALLATION DIMENSION

- A : Depth of door (90°) measured from front of door
B : Minimum door clearance to adjacent wall (90°- reduced internal access)
C : Minimum door clearance to adjacent wall (115°- full internal access)

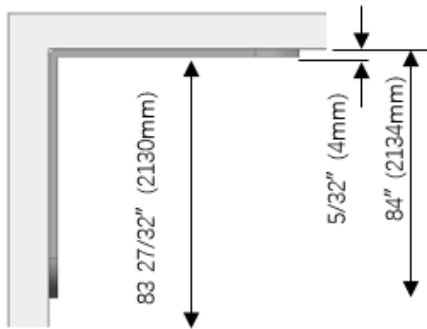
Category	KM-PRC-F18	KM-PRC-F24	KM-PRC-R24	KM-PRC-R30
A	20"	26"	26"	32"
B	4 3/8"	4 3/8"	4 3/8"	4 3/8"
C	11"	14"	14"	16"



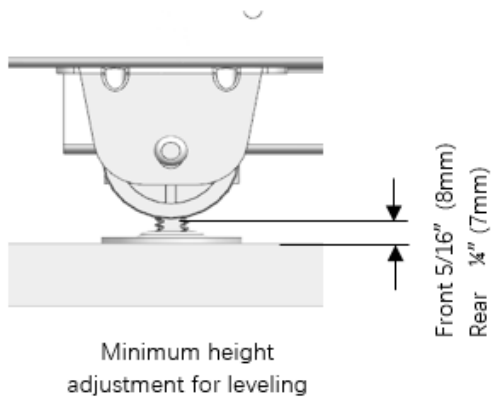
Product Dimensions



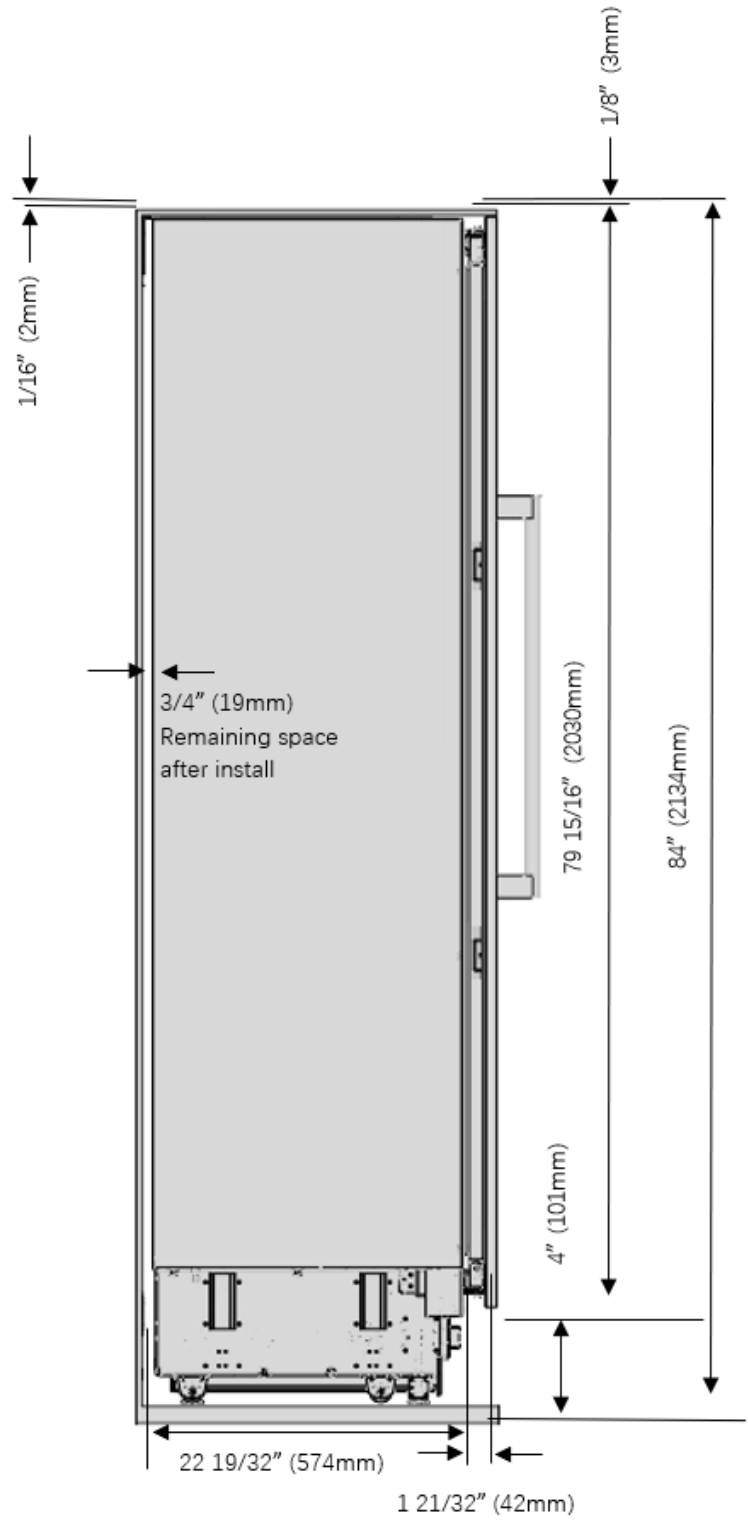
Category	KM-PRC-F18	KM-PRC-F24	KM-PRC-R24	KM-PRC-R30
Width	17 3/4"	23 3/4"	23 3/4"	29 3/4"



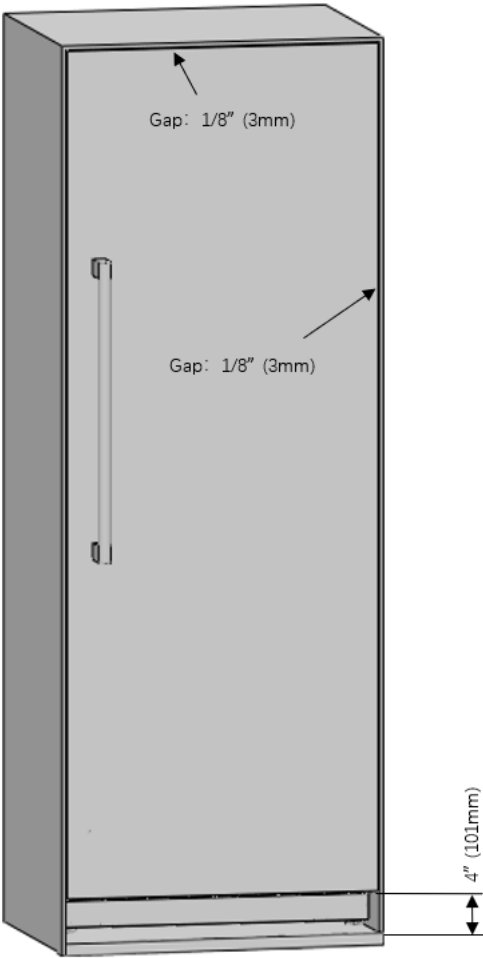
Anti tip bracket location



Minimum height adjustment for leveling

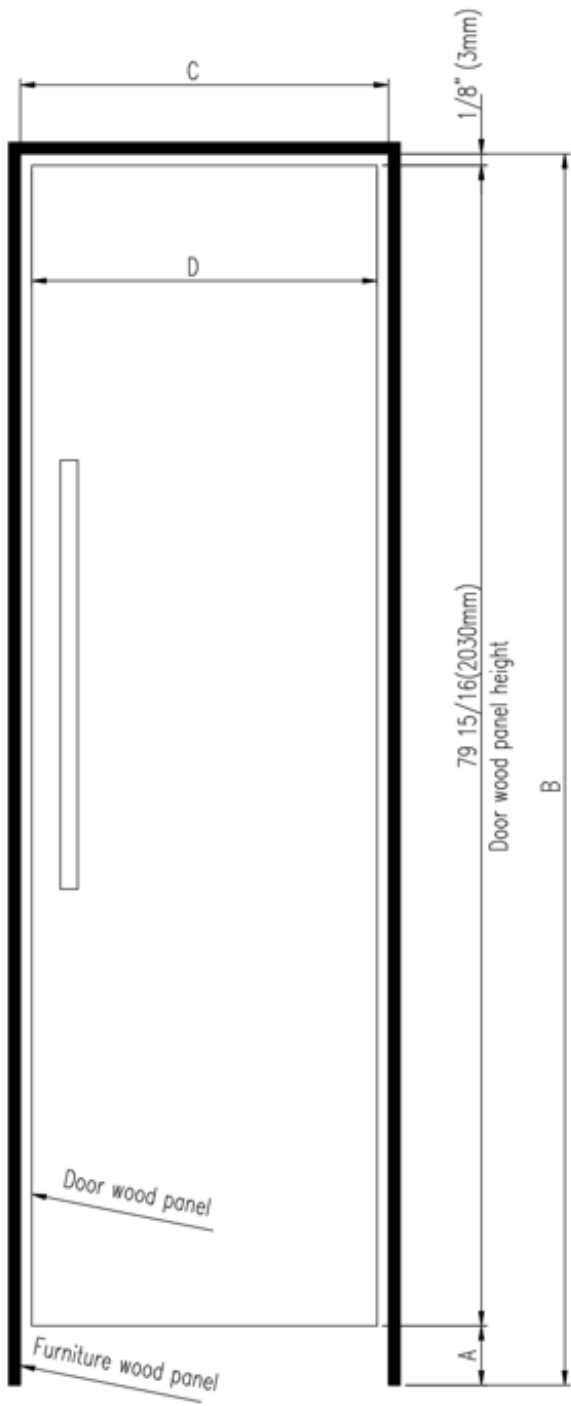


Kick Plate Alignment



Height of the kitchen countertop based on the min/max. height of the cut-out

	A	B
standard	4"	84"
minimum	3 3/4"	83 13/16"
maximum	5 3/8"	85 3/8"



Category	KM-PRC-F18	KM-PRC-F24	KM-PRC-R24	KM-PRC-R30
C	18"	24"	24"	30"
D	17 3/4"	23 3/4"	23 3/4"	29 3/4"

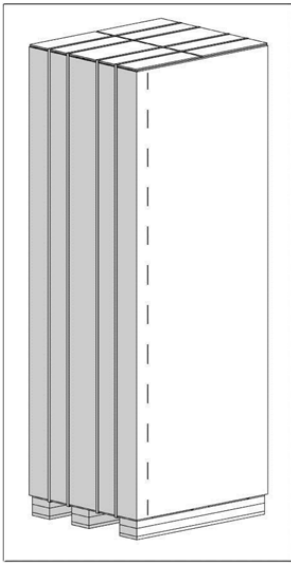
Unpacking

WARNING:

At least two persons must carry the refrigerator.



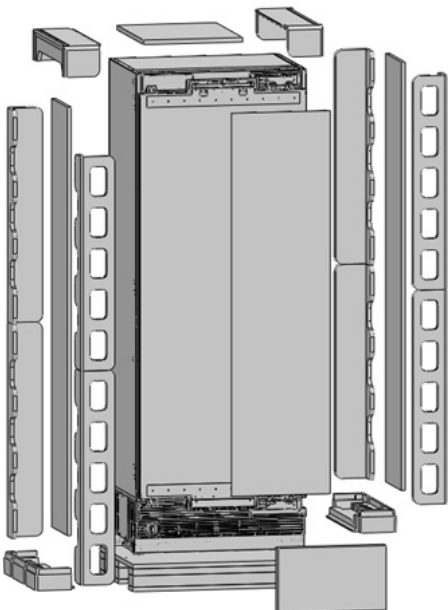
1. Use a box cutter to remove the tapes.
2. Cut the Packaging Board with a Box Cutter through the section illustrated in dotted lines and remove it.



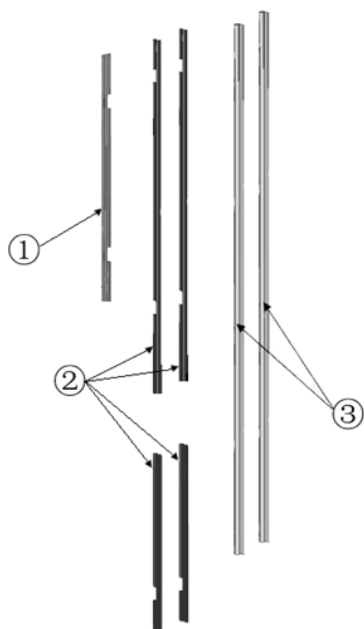
3. Remove the foam packaging material.

ATTENTION:

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

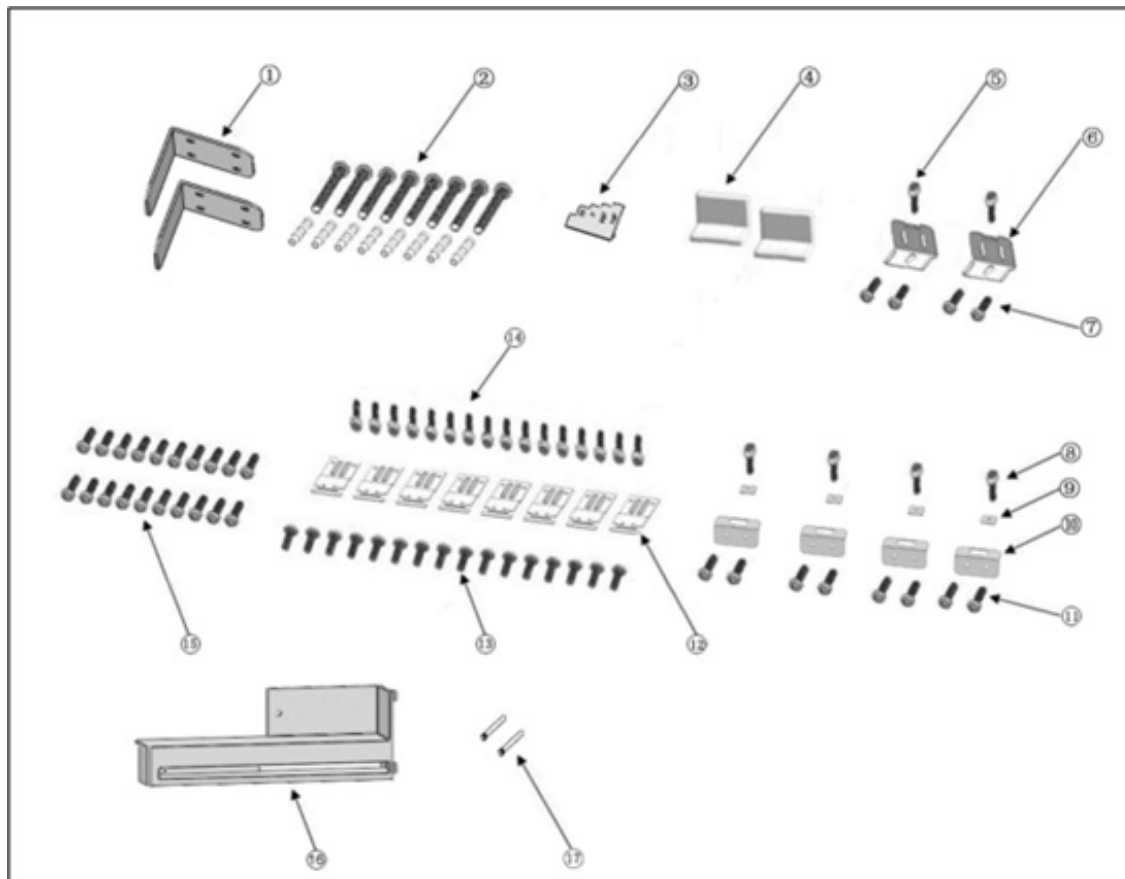


4. Removing the connectors on the rear wall



No	Part name	Spec	KM-PRC-F18	KM-PRC-F24 KM-PRC-R24	KM-PRC-R30
1	Trim furniture top	PVC extrusion L=457	1		
		PVC extrusion L=609		1	
		PVC extrusion L=761			1
2	Trim furniture side	PVC extrusion L=1,259	2	2	2
		PVC extrusion L=617	2	2	2
3	Trim door side	PVC extrusion L=1,781	2	2	2

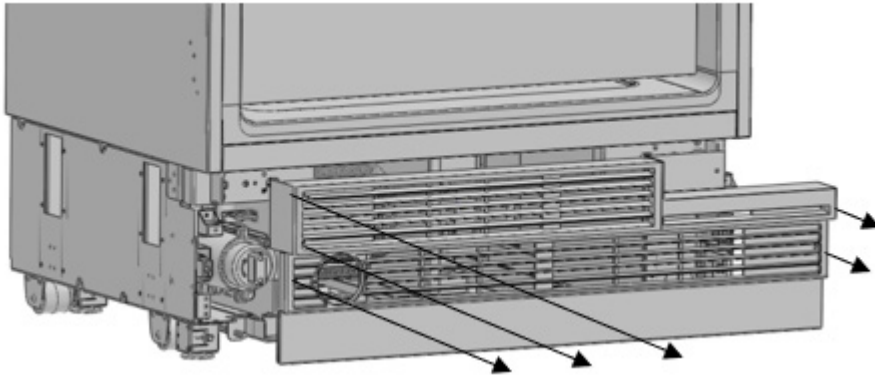
5. Removing mounting parts in the drawer compartment



No	Part name	Spec	18	24	30	Remark
1	Anti-tip bracket	T4.0, Cr+zn-coating	8	8	8	
2	Anti tip bracket screws and dowels	M8*L60	8	8	8	
3	Position adjustment jig	PS	1	1	1	
4	Cover furniture door bracket	abs	-	2	2	
5	Truss washer head	M4*12	-	2	2	
6	Bracket furniture door	T1.0, Cr+zn-coating	-	2	2	
7	Counter sunk head screw	ST4x14	-	4	4	
8	Screws	M4*12, Crossed flat head tapping screws	4	4	4	
9	Square washer	T1.0, Cr+zn-coating	4	4	4	
10	Center mounting bracket	T1.0, Cr+zn-coating	4	4	4	
11	Screw cabinet connecting bracket	M4*12, Crossed flat head tapping screws	8	8	8	
12	Bracket furniture	T1.0, Cr+zn-coating	8	8	8	
13	Counter sunk head screw	ST M4x14	16	16	16	
14	Screw cabinet connecting bracket	M4*12, Crossed flat head tapping screws	16	16	16	
15	Counter sunk head screw	ST M4x14	16	20	20	Furniture door hanger bracket
16	Air vent hinge part	ABS	-	1	1	Door opening direction change
17	90° limit pin	04	2	2	2	Door 90° opening use

6. Removing the vent hole assembly

- Remove 5 screws to take out the vent hole cover.



Pre-Installation Instructions

Continue to install the product according to the instructions below. Additionally, consider national and local instructions regarding installation.

For the USA: Follow the National Electrical Code, ANSI/NFPA 70 - last version/State or Municipality directives and/or regional directives.

For Canada: Adhere to the Canadian Electrical Code, C22.1 - last version/State or Municipality directives and/or regional directives.

Mounting the Anti-Tip Brackets

WARNING:

Use Anti-Tip Brackets: You must use Anti-Tip Brackets to prevent the appliance from tipping over.

Electrical and Water Connections: Ensure that there is no electrical or water connection where the screws will be tightened and connections will be established.

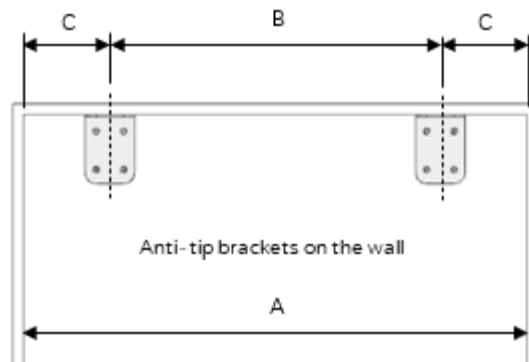
WARNING:

Protective Equipment: Remember to use the necessary protective equipment when drilling holes on the wall and performing installation.

Steps:

1. Mark the Wall: Mark the wall for anti-tip brackets (Item No.1).

Refer to the diagram for positioning:



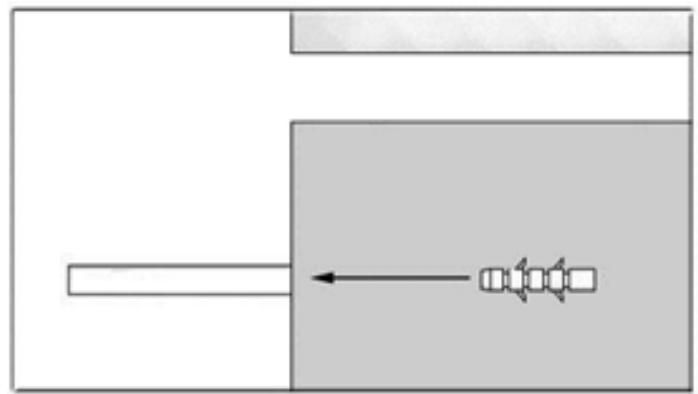
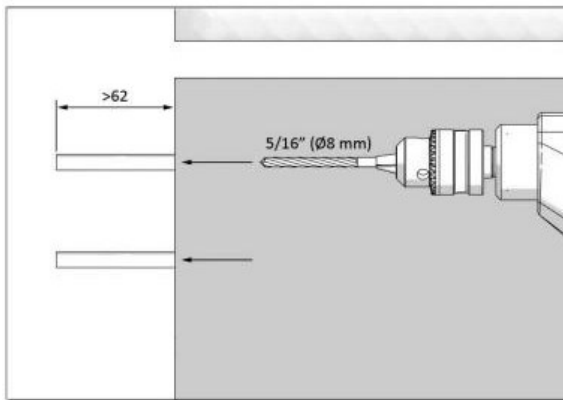
Mark points A, B, and C on the wall as shown in the diagram.

Position the anti-tip brackets accordingly, ensuring they align with the marks.

Category	KM-PRC-F18	KM-PRC-F24	KM-PRC-R24	KM-PRC-R30
A	18"	24"	24"	30"
B	11 5/8"	17 5/8"	17 5/8"	23 5/8"
C	3 3/16"	3 3/16"	3 3/16"	3 3/16"

2. Use a drill to create holes for dowels (item No.2) at the marked points. (5/16")

3. Use the hammer to fit the dowels (item No.2)



4. Fit the brackets (item No.1) into their places, using 4 screws for each.

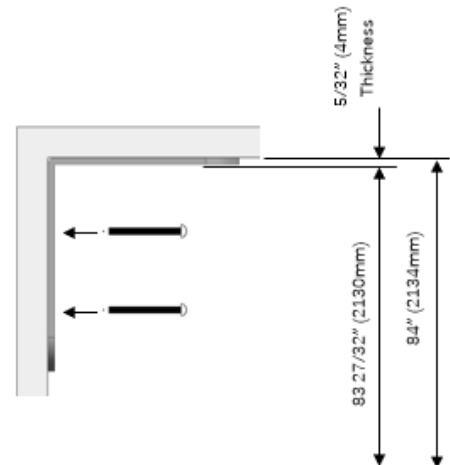
You must use both brackets to ensure safety of the product.

WARNING:

If you are not sure whether the existing connection parts are fit to the wall as securely as they should be, you can use **alternative anti-tip methods**.

If there is furniture at the back wall of the refrigerator, please make sure that the furniture is fixed to the wall.

For this, you need to be sure that the back wall of the furniture is fixed to the concrete back wall with suitable connection parts.

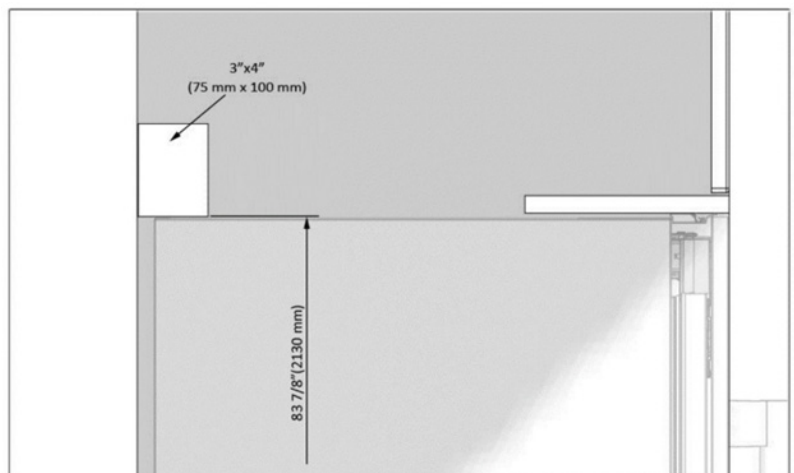


Alternative Anti-Tip Method

If the anti-tip brackets cannot be securely connected, an alternative method using wooden girders is recommended to prevent the appliance from tipping over. Here are the detailed steps for this alternative method:

Installation Requirement:

1. Ensure the wooden girder is installed with no clearance between the product and the girder itself.
2. Dimensions:
 - The wooden girder should have a minimum cross-sectional dimension of 3" x 4".
 - The width of the girder must match the clearance where it is to be installed.
3. Additional Support:
 - If the niche depth is greater than expected, an additional girder may be required. The wooden girder must contact the product with a maximum gap of 2" (50.8 mm).
4. Marking and Fixing:
 - Mark the position for the wooden girder on the rear wall.
 - Choose appropriate screws for a secure connection and ensure they are safely fixed.



WARNING:

The screws chosen for securing the wooden girder must be appropriate in number and type to ensure a stable and safe connection.

Preparing the Water Hose and the Power Plug

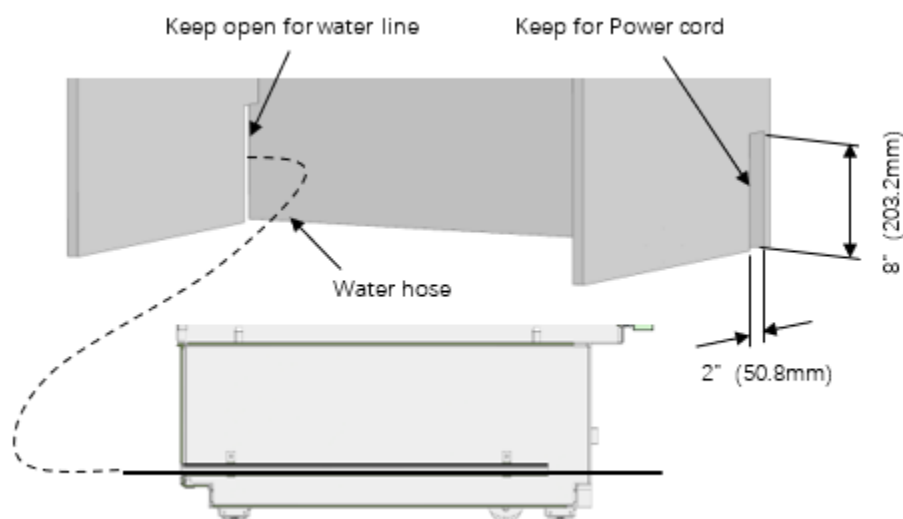
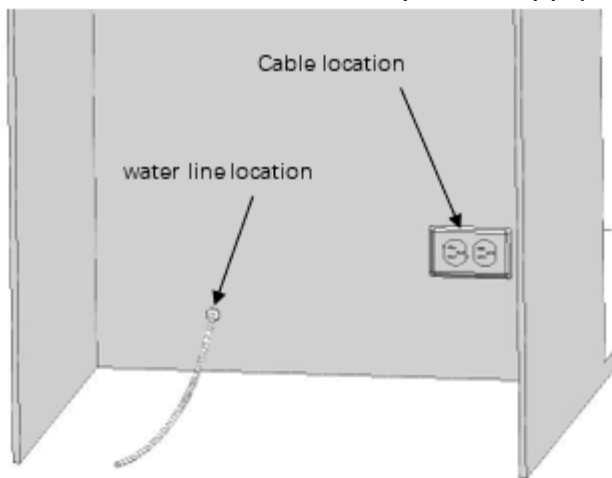
To set up your appliance for water connections and power supply, you will need:

Hose Specifications: A hose with a minimum length of 60 inches and a diameter of 1/4 inch.

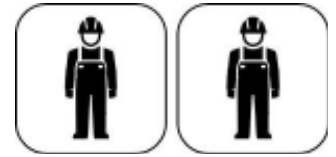
Connector: A connector with an external thread diameter of 1/4 inch to attach the hose to the product.

Here are two methods to prevent the cable from getting jammed:

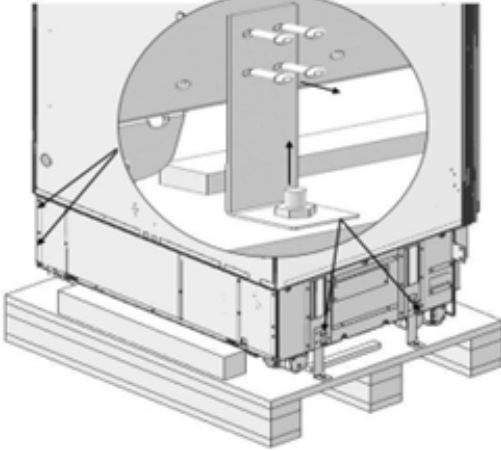
- A. Locate the water hose and power supply on the back
- B. Locate the water hose and power supply on the side



Installation To The Cabin



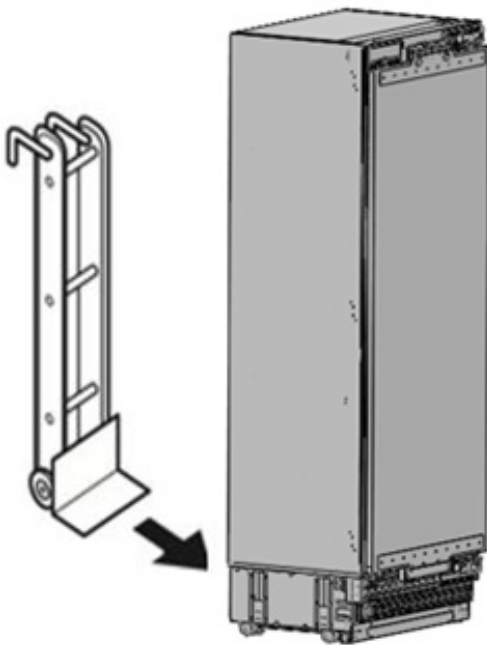
1. Taking the refrigerator from the wooden pallet
2. Remove the brackets that connect the refrigerator to the Wooden Pallet.



3. Recline the refrigerator slowly and pull back with the help of the cart, and then land it.

ATTENTION:

High risk of tipping over. You should not open the doors until the product is placed into the cabin.

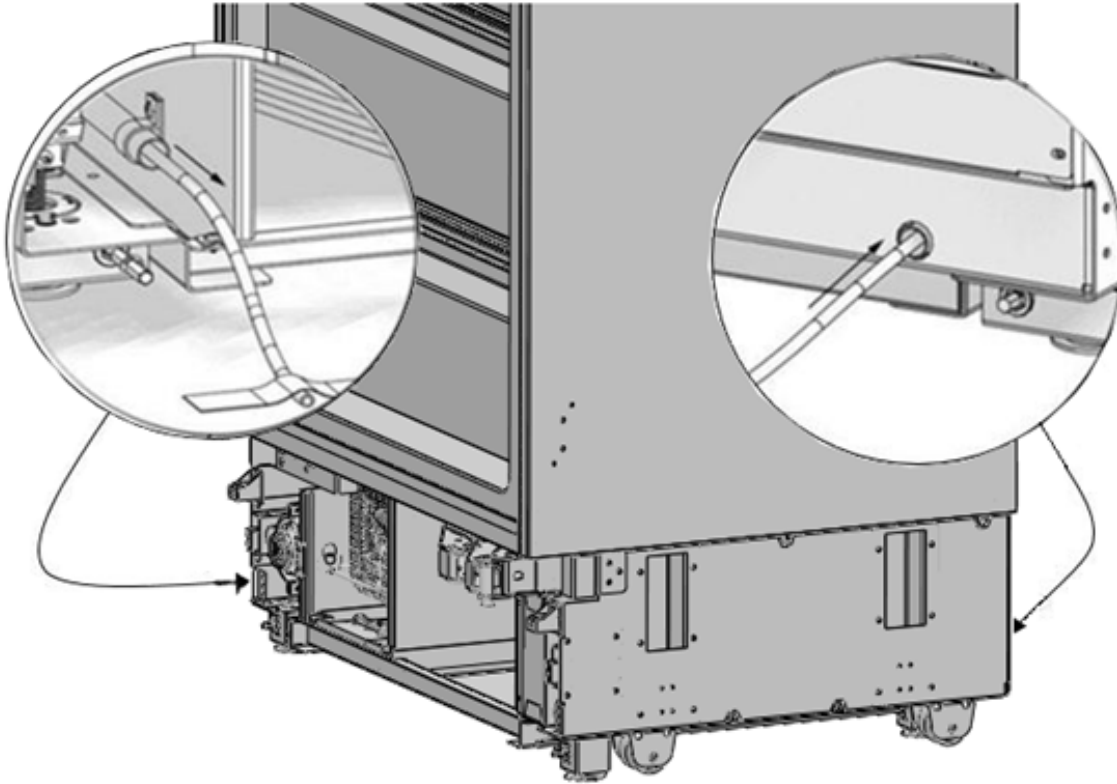


4. Place the refrigerator into the cabin
5. Insert the mains water hose into the duct at the back and take it out from the front.

Prevent Cable Damage:

Secure Cables: Use a nylon string to secure the power cord and water hose to prevent them from getting jammed when moving the appliance towards the wall, as shown in the diagram.

Initial Operation:



6. Power On: Start the refrigerator and ensure it is working. You can confirm this by checking if the compartment lamps are on or off.

7. Protecting Surfaces:

Use Protectors: Apply tape or similar protectors to parts of the furniture that might be in contact with the appliance to prevent damage during installation.

Safety Warnings:

- Ensure the plug of the appliance remains accessible after installation. If it's not accessible, the power must be cut off from the main switch.
- Ensure that the mains cable is not jammed or pinched when placing the product.

7. Installation Tips:

Placement: When pushing the product into its final position, do so carefully. If you encounter resistance:

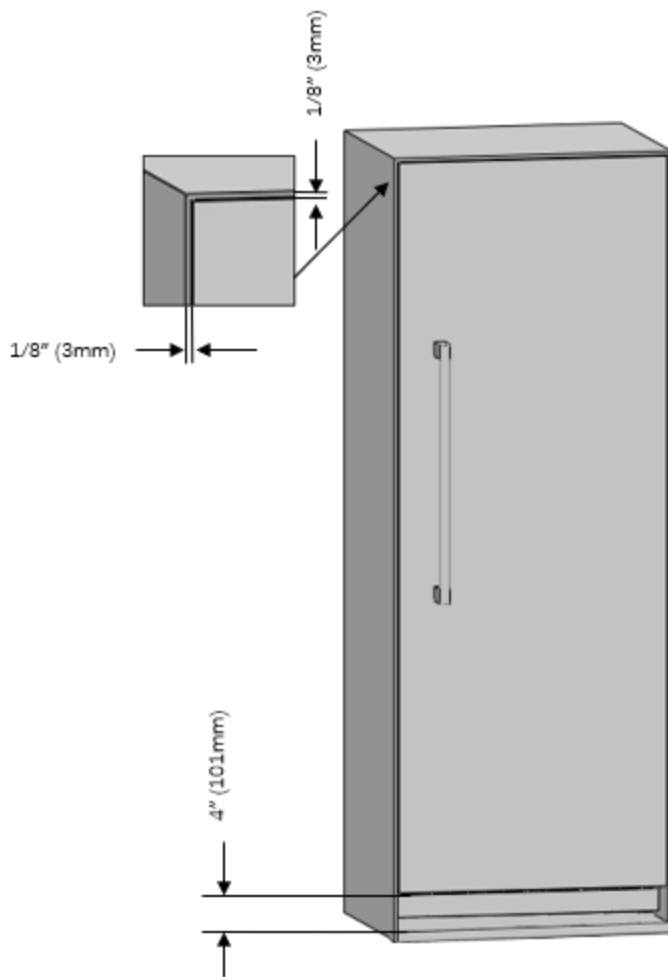
Check if the floor is rough or uneven.

Ensure that the adjustable feet are properly secured (refer to the relevant section in the manual for adjusting feet if needed).

Important Information for Aligning Your Appliance

8. Door Alignment:

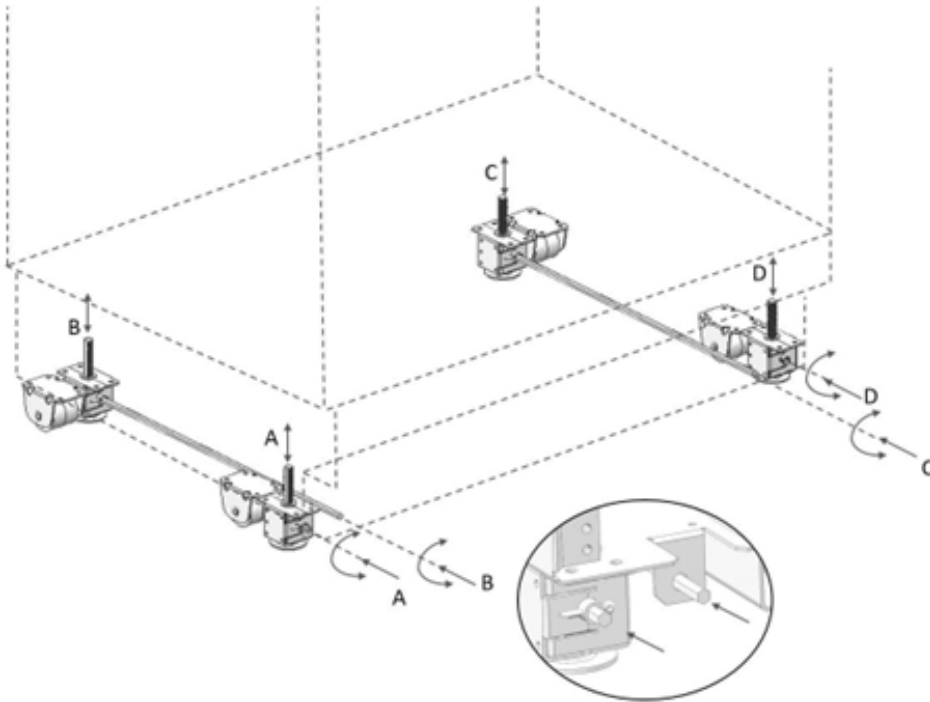
Use Upper Edges: When aligning your product with the surrounding furniture or cabinetry, make sure to use the upper edges of the door for reference. This ensures that the appliance is properly leveled and aligned with its surroundings.



Adjustment Instructions: For adjustments to other edges of the door or additional alignment details, refer to the following sections of the manual.

9. Adjusting the height of the refrigerator in the cabin

- Adjust the refrigerator height using the adjustable feet.



1. Raise the front feet to reduce the risk of the cabin falling forwardward.
 - A/D – Turn the key clockwise to lift the front
 - B/C – Turn the key clockwise to lift the rear
2. After adjusting the adjustable feet, check the flatness in both width and depth directions.

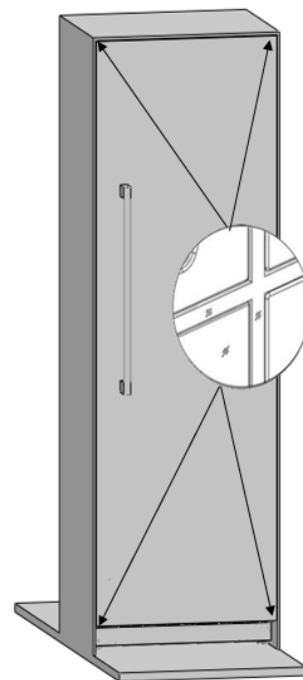
IMPORTANT INFORMATION:

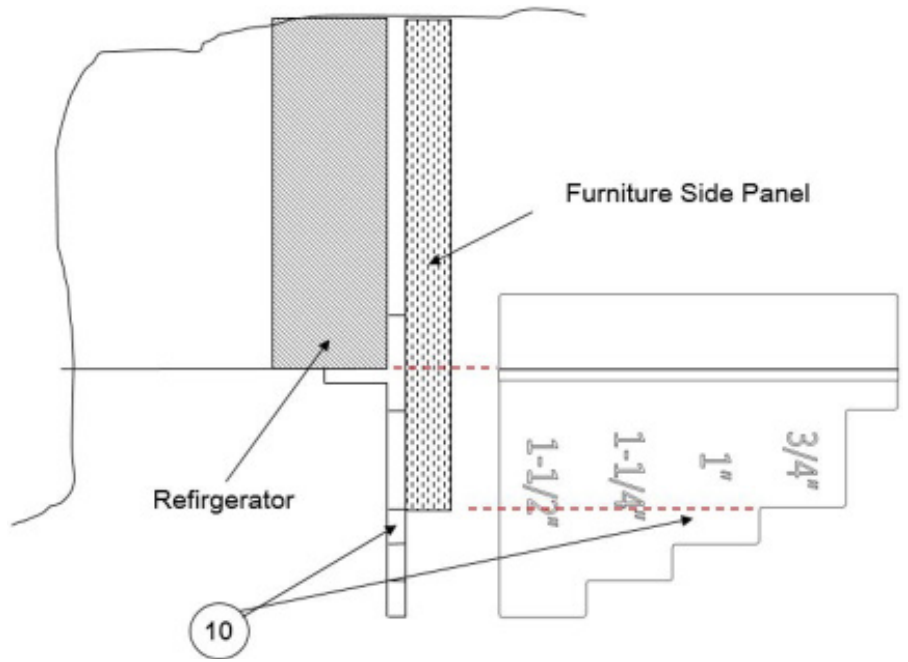
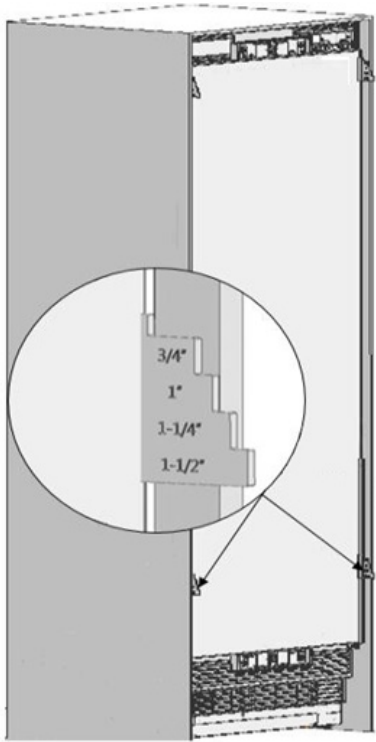
The maximum height that the adjustable feet can reach is 1 9/16" and the product height is 85 3/8"

10. Adjusting the refrigerator according to the cabin flange

For product with furniture door, the position of the Refrigerator is adjusted so that the door and the furniture surface are flush. You can also use gage if necessary.

Position of the level adjustment part (10) must be adjusted according to the thickness of the door. It can adjust the level for 4 different door thickness levels.





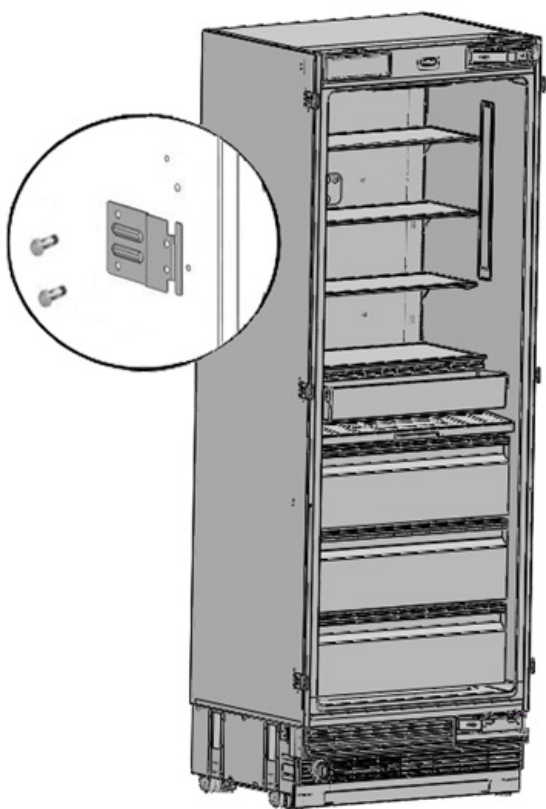
11. Screwing the side and upper brackets

Fix the bracket furnitures (Item No12) to the unit, where 2 on the top, and 3 on every side.
Use the truss washer head screws (Item No14) to tighten.

WARNING:

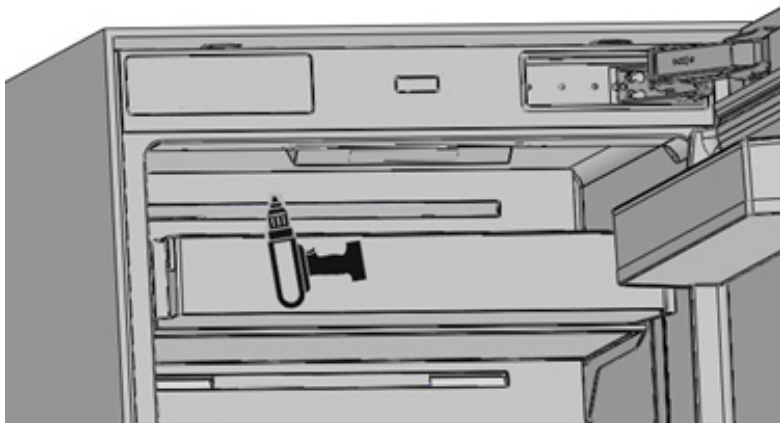
Before starting to screw the Side and Upper brackets, please make sure that water is supplied to the product and there is no water leakage.

If you have difficulty tightening the screws, opening a reference hole with the drill will make this procedure easier.



Screwing the bracket furniture on the cabin side wall

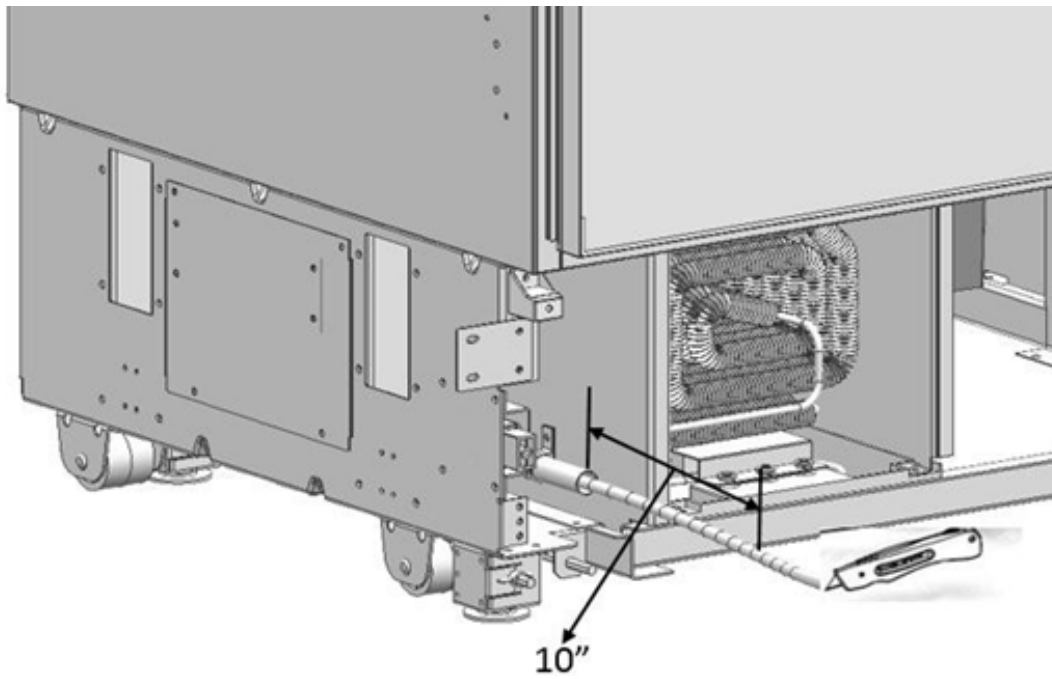
Attach the bracket furniture to the furniture with 12screws (Item No13).



INSTALLING THE CABIN BOTTOM

1. Water connection

Use the box cutter to cut the water hose from the end of the pipe it comes out, leaving a section of 10" length.



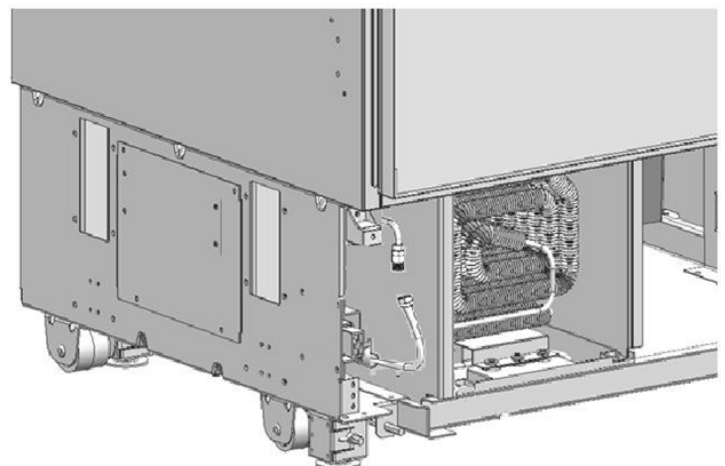
Use the 2 wrenches to firmly connect the hose coming from the mains and the hose coming from the valve.

WARNINGS:

- 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).

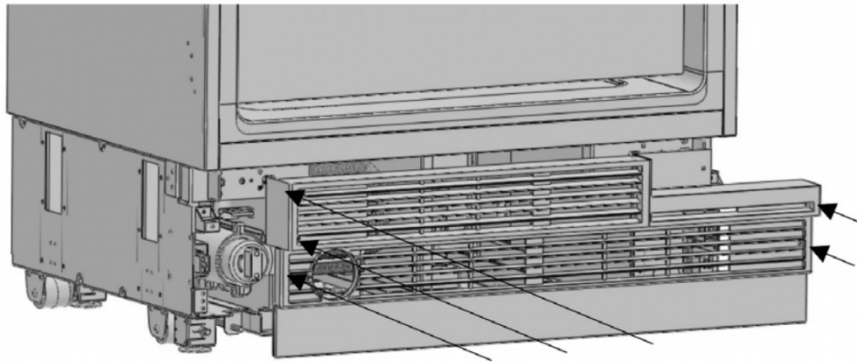
IMPORTANT INFORMATION:

Once the connection is complete, you must turn on the mains valve and make sure that there is no leakage.



2. Attaching the vent hole assembly

Use 5 screws to attach the vent hole assembly.



IMPORTANT INFORMATION:

You can move the lower vent hole forward-backward to adjust it to the kick plate in the kitchen.

WARNING:

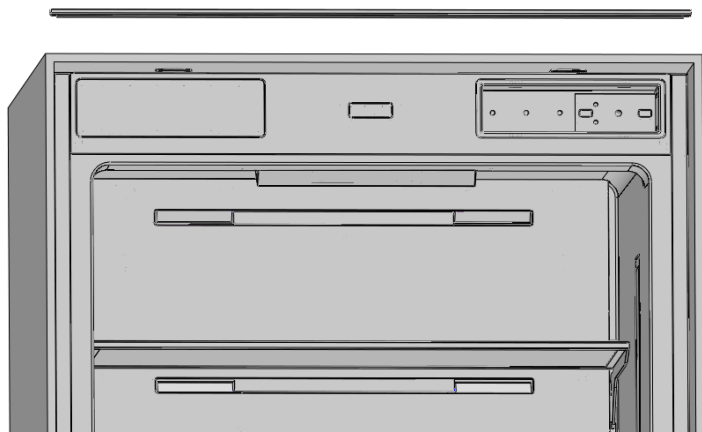
Forward-backward travel distance of the lower kick plate must be 15/16".

As you can see in the figure, the decorative kick plate must not be in front of the upper vent hole level.

Attaching the decorative parts

Attach the side closing parts (trim furniture side Item No2) onto the right/left connection brackets.





Attach the upper closing part (trim furniture top Item No1) onto the upper connection bracket.

FURNITURE DOOR PREPARATION

This section contains information about preparing the furniture doors and mounting them to the product.

WARNING:

Maximum weights of the furniture to be mounted to the product are as follows.

Category	TF-18BINFIA	TF-24BINFIA	TL-26BINFIA	TL-30BINFIA
Weight	66.0 lbs. (30 kg)	66.0 lbs. (30 kg)	66.0 lbs. (30 kg)	66.0 lbs. (30 kg)

Choosing the door thickness

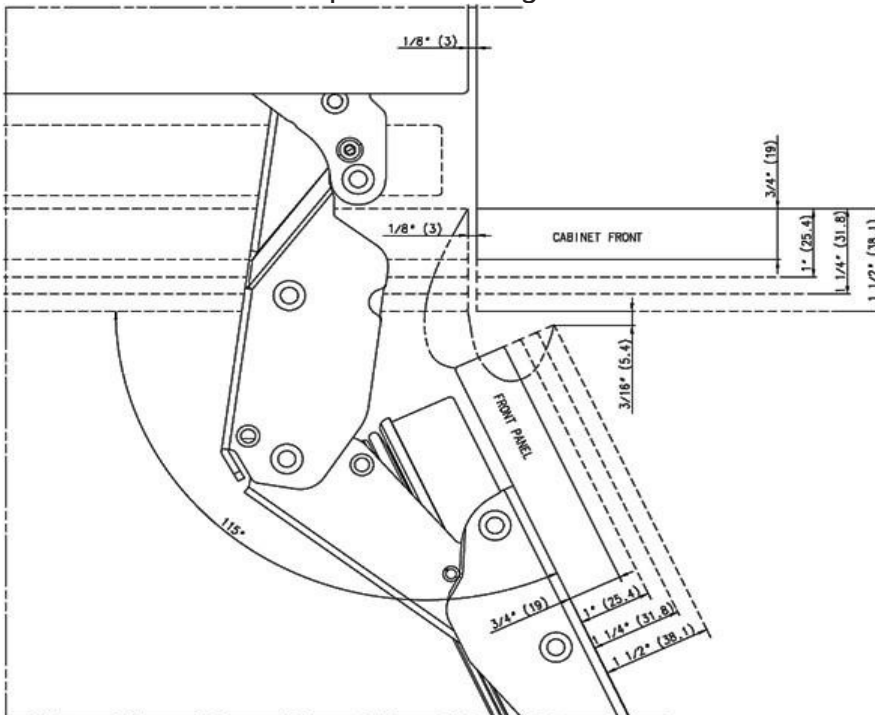
The door of your refrigerator can open by 115° maximum.

If the door is going to open to this degree, you can choose the following thickness levels.

WARNING:

If the door thickness is more than 1 1/2", the door should not open more than 90°.

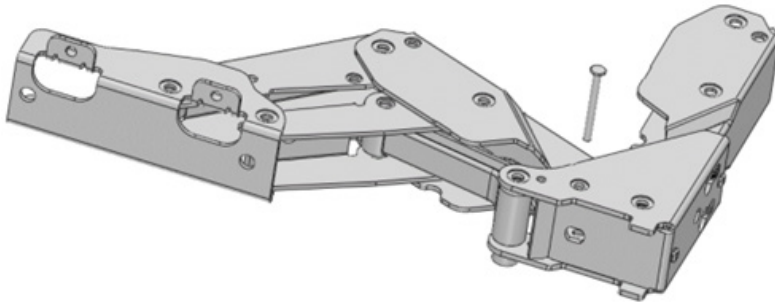
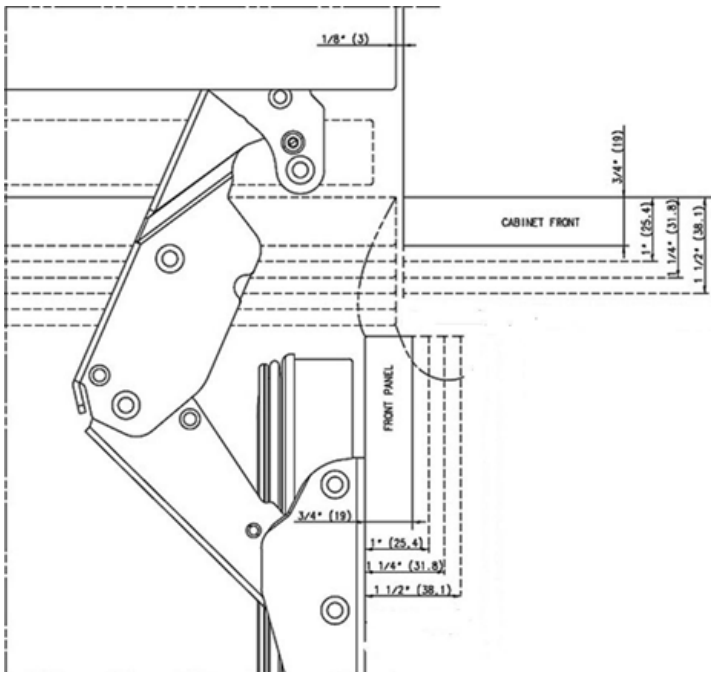
You must use 90° limit pin on the hinge.



You can limit the opening degree of your door to 90° If you want

90° limit pin (item No.17) is located in the mounting part kit of the drawer box.

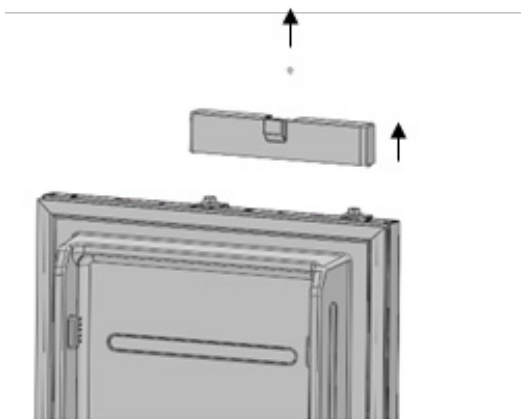
Pin must be fully seated in the bracket or the door will not close properly.



90° limit pin should be inserted to upper hinge and lower hinge

Removing the Mechanism Covers

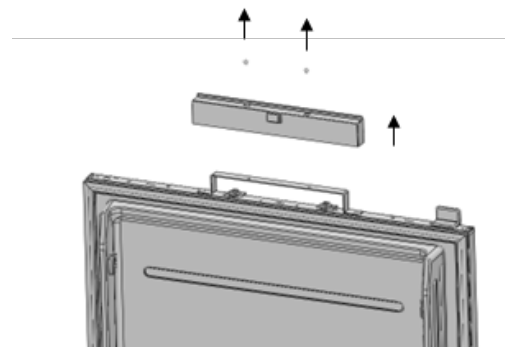
Remove screws to take out the top hanger bracket cover.



KM-PRC-F18

KM-PRC-F24

KM-PRC-R24

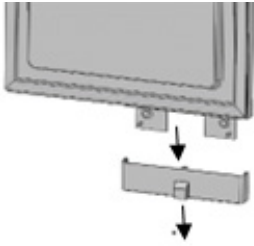


KM-PRC-R30

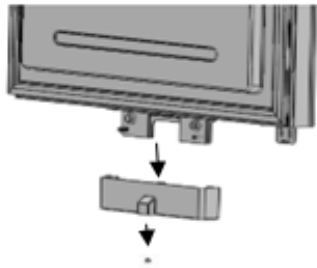
WARNING:

There is a magnet on the top hanger bracket cover. This is a functional part for the operation of the product. It should not be confused with the low hanger bracket cover.

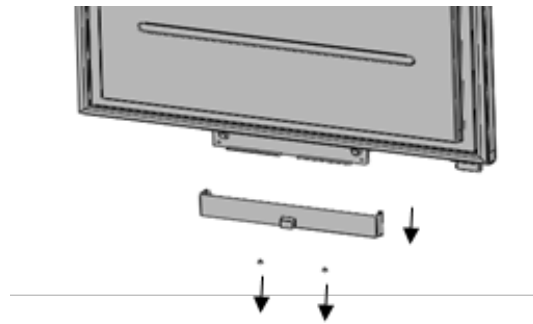
Remove screw to take out the low hanger bracket cover.



KM-PRC-F18



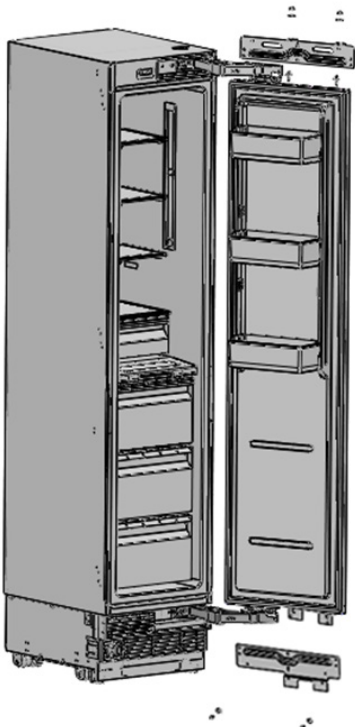
KM-PRC-F24
KM-PRC-R24

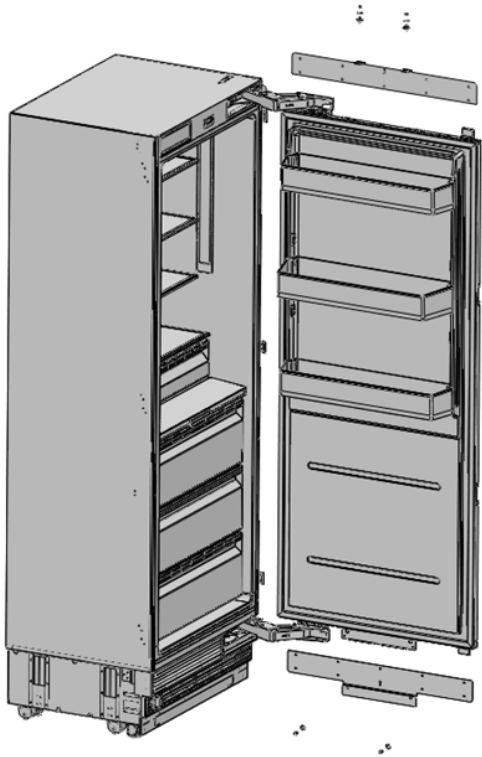


KM-PRC-R30

Removing the panel-adjustment mechanisms on the refrigerator

Remove the upper and lower adjusting mechanism assemblies from the door.



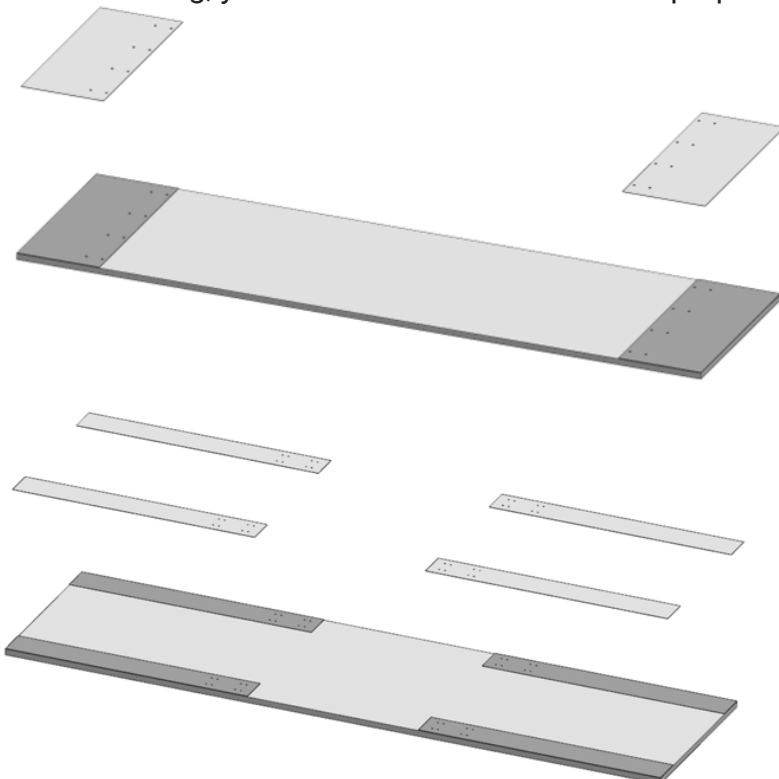


KM-PRC-F24
KM-PRC-R24
KM-PRC-R30

Preparing furniture door

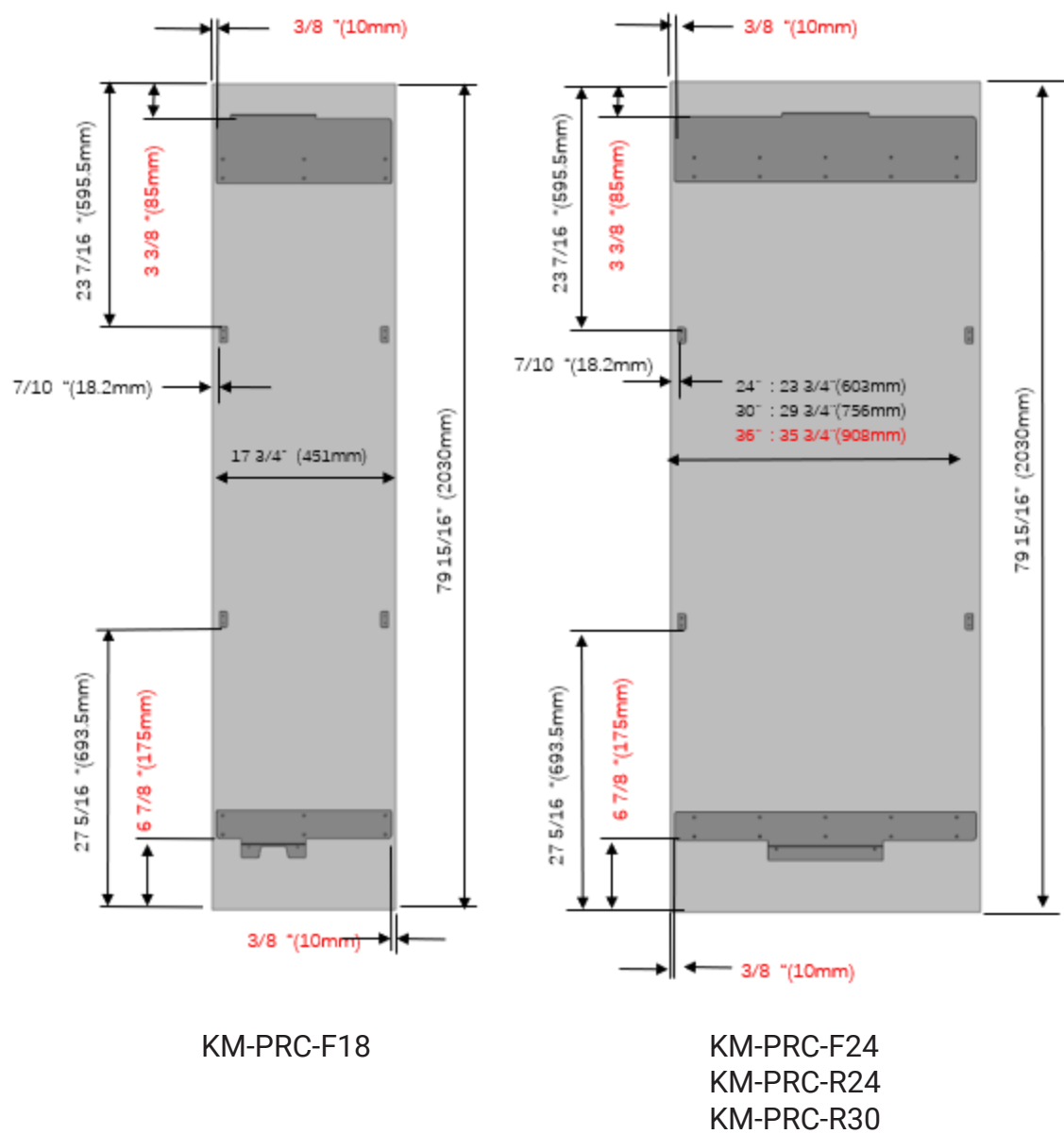
IMPORTANT INFORMATION:

You must take the dimensions into account when grouping the cradle parts on the furniture door. When marking, you can use the “Furniture door preparation template” provided with the product.



WARNING:
 Handle connection holes must be adjusted according to the handles to be used in kitchen design.

WARNING:
 Minimum thickness of the door must be 3/4" .

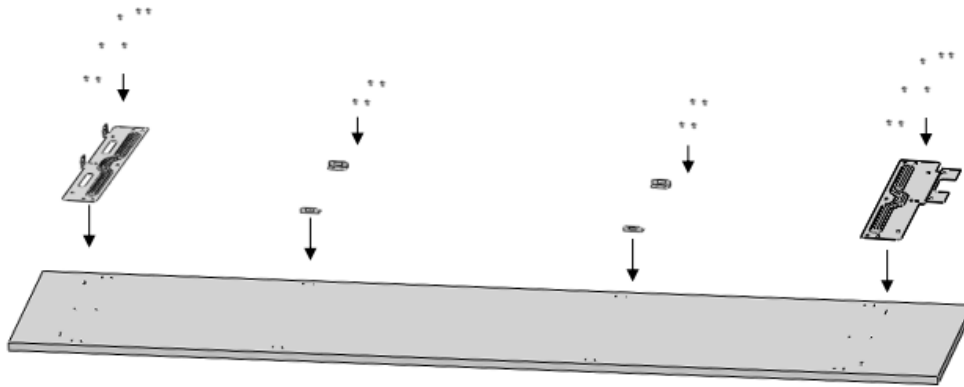


Category	KM-PRC-F18	KM-PRC-F24	KM-PRC-R24	KM-PRC-R30
inch	17 3/4 * 79 15/16	23 3/4 * 79 15/16	23 3/4 * 79 15/16	29 3/4 * 29 15/16

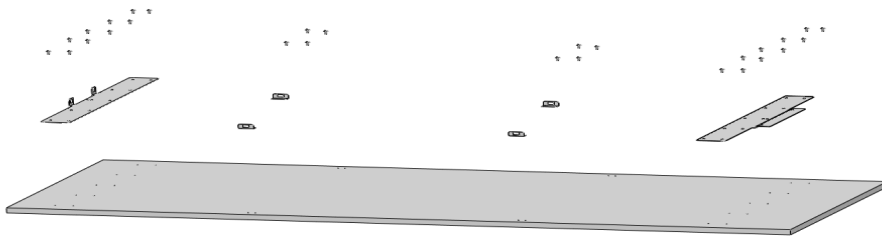
WARNING:

You must use screws (item No.15). suitable for the door thickness.

1. Install cradles using the chipboard screws. You can also use the template provided with the product to align these parts. It is recommended to keep this template for future reference.



KM-PRC-F18



KM-PRC-F24
KM-PRC-R24
KM-PRC-R30

2. Attach the door handle.
Screws holding the door handle must not protrude.

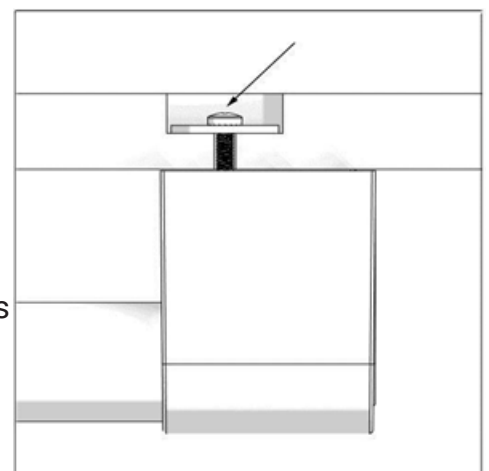
3. Attach the door handle to the furniture door.
Screws holding the door handle must not protrude.

WARNING:

Handle connection holes must be adjusted according to the handles

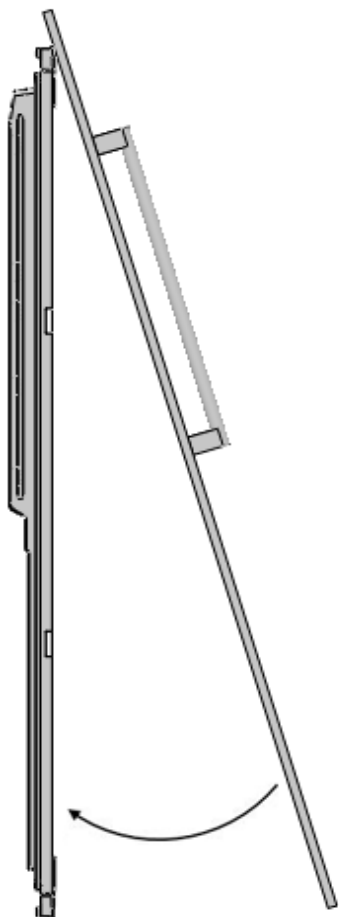
WARNING:

Minimum thickness of the door must be $\frac{3}{4}$ '' .



Installing the panel door

Attach the panel door to the door



1. Align the furniture door upper part with bolts.

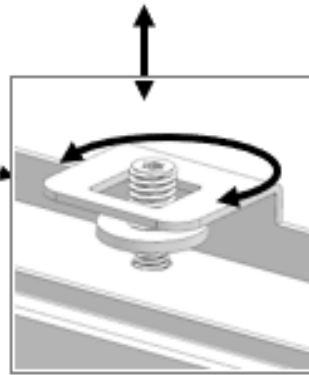
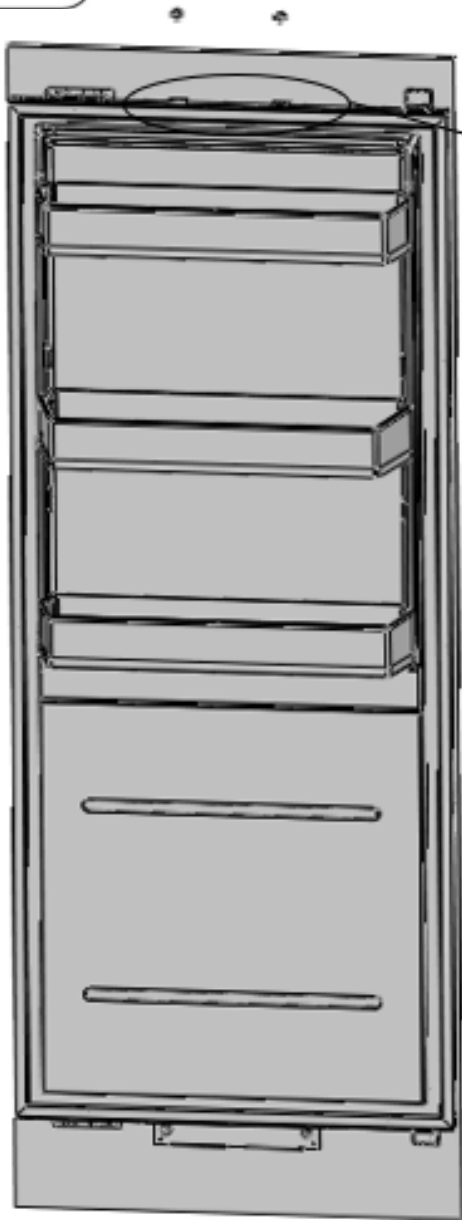
Position of the Furniture Doors to the kitchen furniture must be flush.

To achieve this, you should adjust 3D direction using by two fixing bolt to perform fine adjustments.

First of all, review the position of the grouped Furniture Doors against the kitchen furniture.

Distances between furniture must be $\frac{1}{8}$ " (3 mm), assuming that the furniture dimensions are correct.

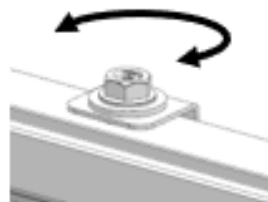
You can make door adjustments based on this distance.



Up & down

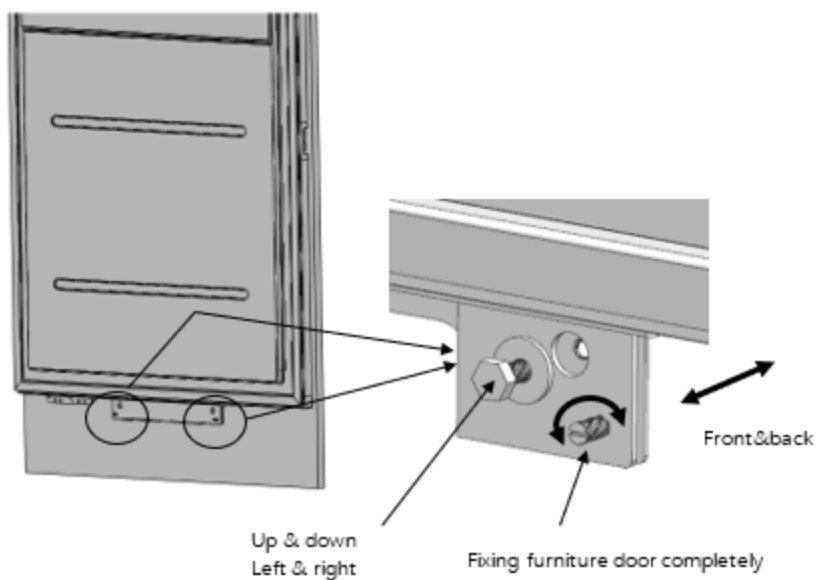


Front & back
Left & right

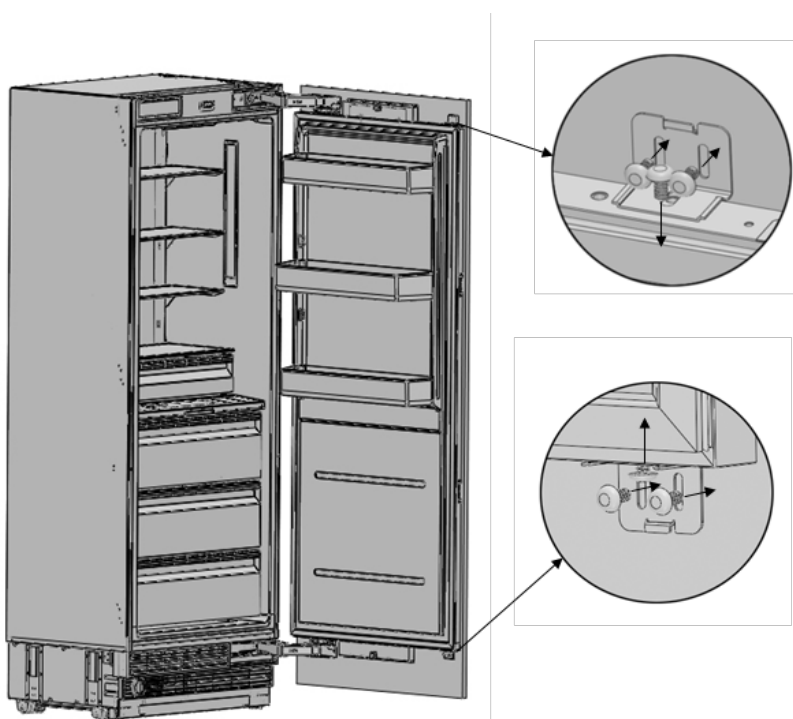


Fixing furniture door completely

2. align the furniture door lower part with bolts.

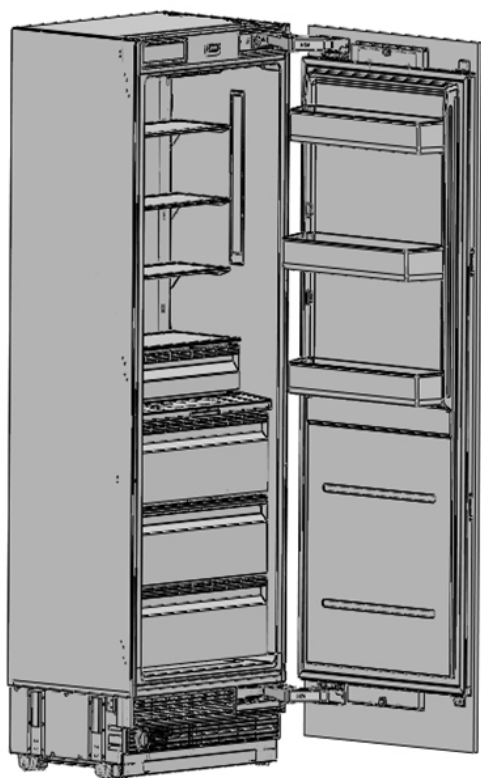


- Use the bracket furniture door (Item No6) to join the furniture door
- Use 2 screws (Item No7) and 1 screw (Item No5) to fix.



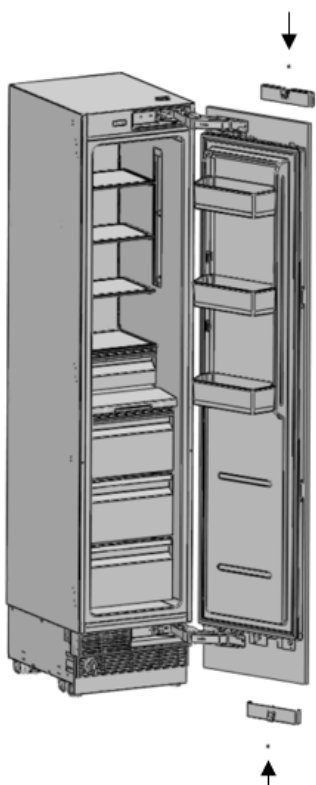
KM-PRC-F24
KM-PRC-R24
KM-PRC-R30

3. Clip the cover furniture door bracket.

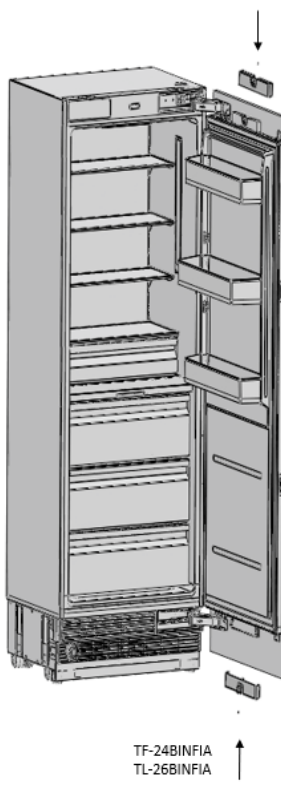


KM-PRC-F24
KM-PRC-R24
KM-PRC-R30

4. Attach and screw the upper/lower decoration cover.

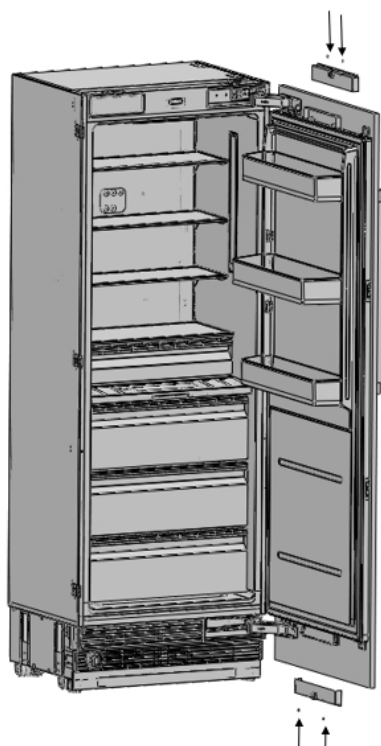


KM-PRC-F18



KM-PRC-F24
KM-PRC-R24

5. Attach and screw the upper/lower decoration cover.

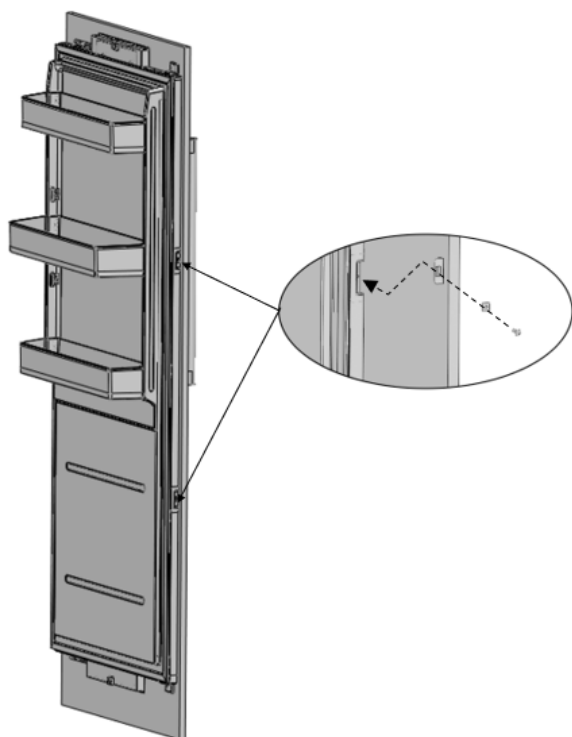


KM-PRC-R30

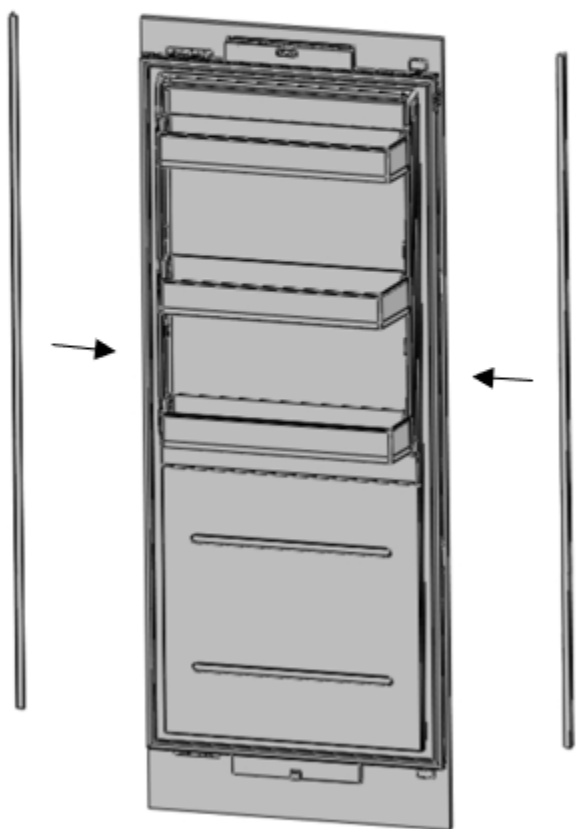
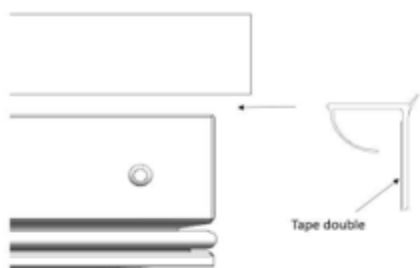
Attention!

You must keep these parts for future use. You will need them if you want to change the door directions.

6. After the top and bottom door panel brackets are secured by installing screws, use screw(Item No8) and square washer(Item No9) to secure the center mounting bracket.



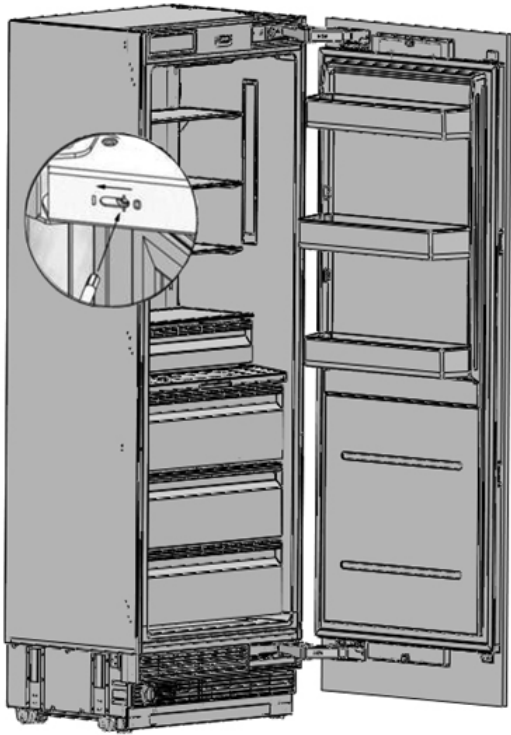
7. Attach the Trim door side (Item No3)



HINGE ADJUSTMENT

Adjusting the resistance of the hinges

Use a drill to adjust the resistance of the upper and lower hinges of the Door.
Set the hinge adjustment screw from position "O" to position "I".



WARNING:

The door must be fully open during this adjustment.

WARNING:

This adjustment must be performed after the door has been adjusted.

CHANGING THE DOOR OPENING DIRECTION

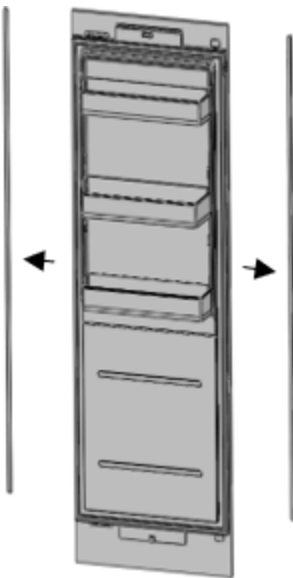
1. Removing the furniture door
2. Set the hardness level of the hinge to "0".



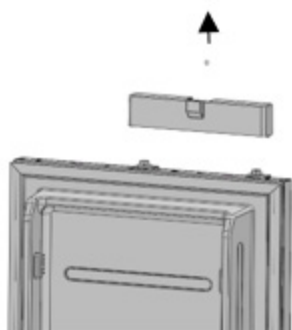
ATTENTION:

Failure to set the hinge to "0" and continuing the installation like that may cause injury.

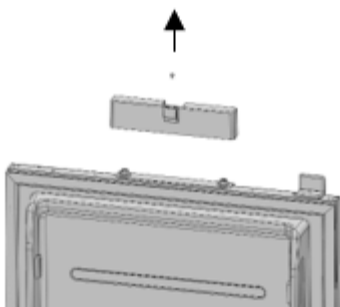
3. Remove the side closing seals.



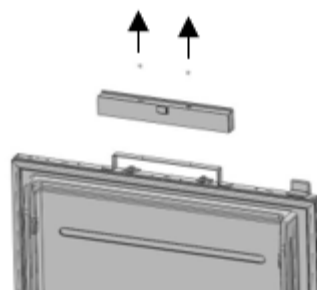
4. Loosen screws of the Upper Cover of the door and remove it.



KM-PRC-F18

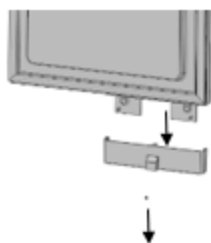


KM-PRC-F24
KM-PRC-R24

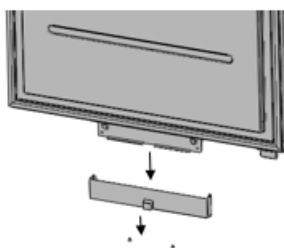


KM-PRC-R30

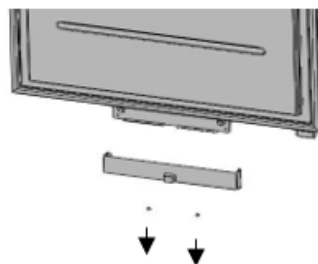
5. Loosen screws of the lower cover of the door and remove it.



KM-PRC-F18

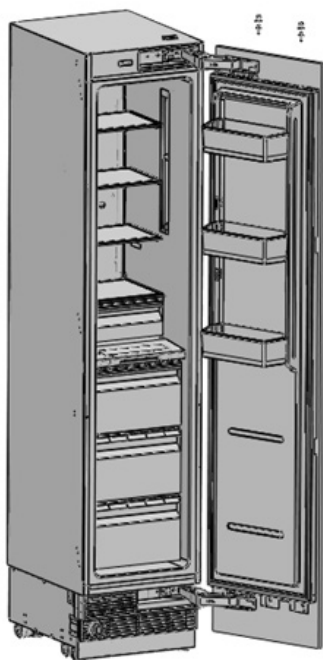


KM-PRC-F24
KM-PRC-R24

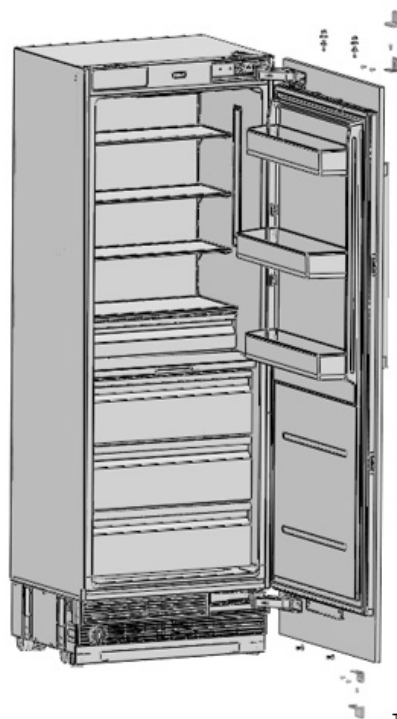
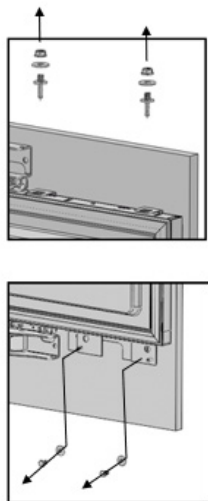


KM-PRC-R30

6. Remove the upper adjustment kits.



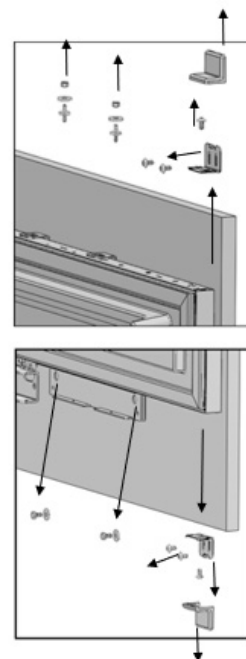
KM-PRC-F18



KM-PRC-F24

KM-PRC-R24

KM-PRC-R30



TF-24BINFIA

WARNING:

The clad door will be released when these screws are removed.

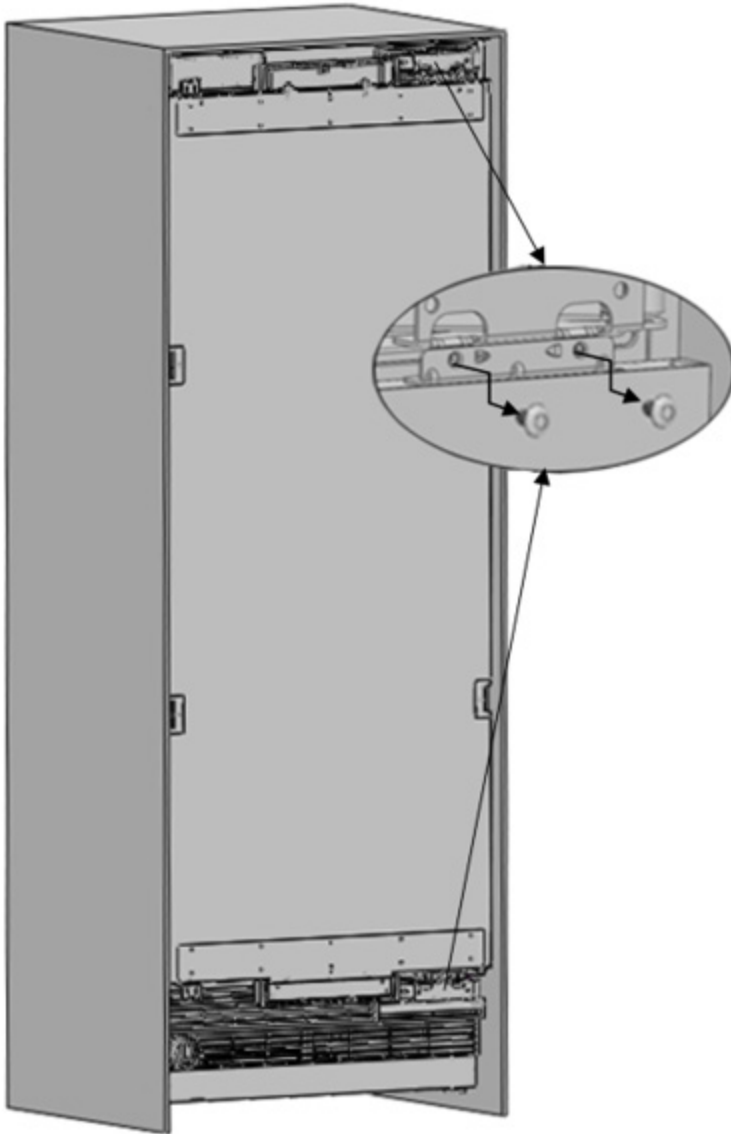
You must take measures to prevent the door from falling.

You can tape the Furniture Door to the Inner Door or ask for help from another person.

- Take the Fridge Furniture Door and lay it down on a table upside down.
- You must attach the Furniture Door by rotating it 180° based on its current position

Removing and preparing the inner door

1. Remove the hinge connection screws of the Hinge Brackets.



ATTENTION:

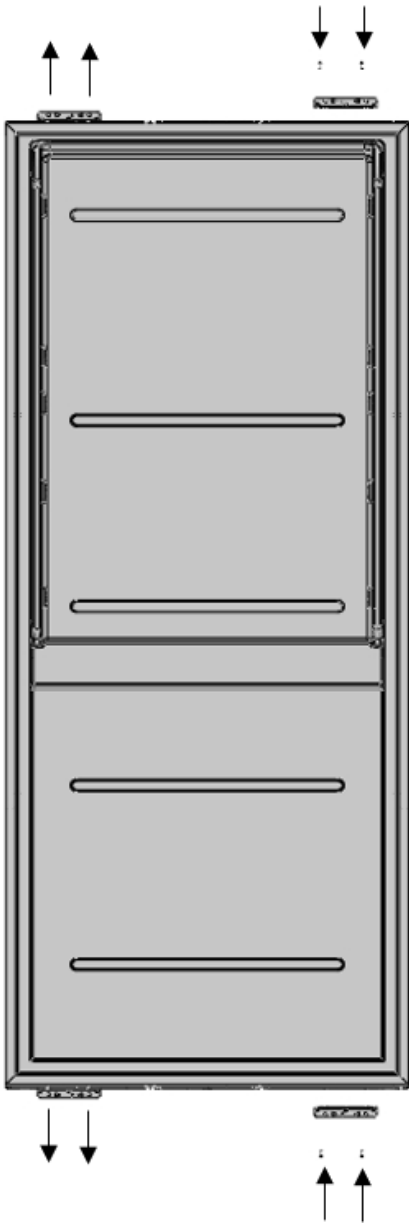
The clad door will be released when these screws are removed.

You must take measures to prevent the door from falling.

You can tape the Furniture Door to the Inner Door or ask for help from another person.

Take out door and lay it down on a table.

2. Remove the hinge brackets on the fridge door.
3. Take out the new hinge brackets from Accessories bag and screw it on the reverse side.



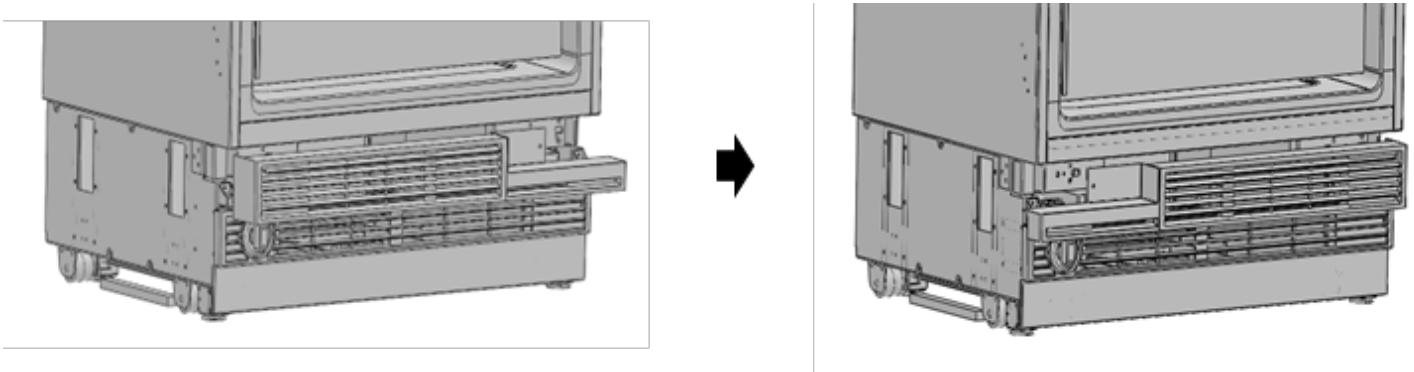
Replacing the hinges

- Remove the Hinge Caps located at the other side where you will fix the hinges.
- Remove the lower right hinge by loosening its 2 screws and fix it to its slot at the upper left side.



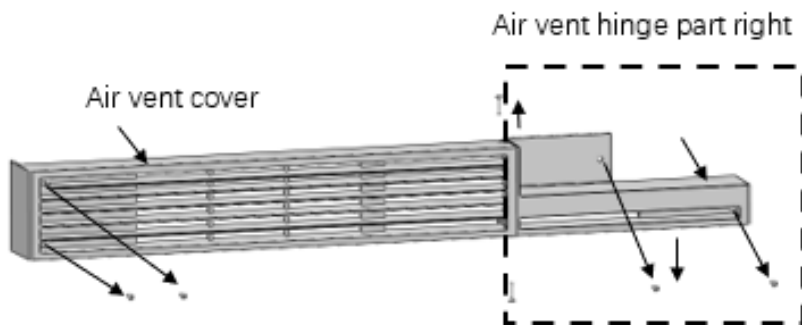
Air vent upper part direction change

Remove the air vent part and change direction as shown figure

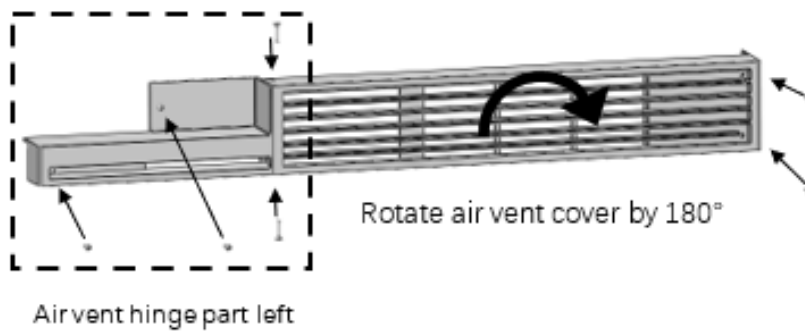


How to change air vent upper part direction

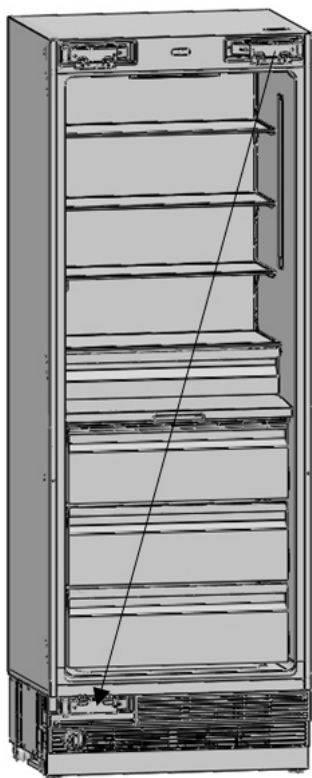
- Air vent upper part for the right hinge



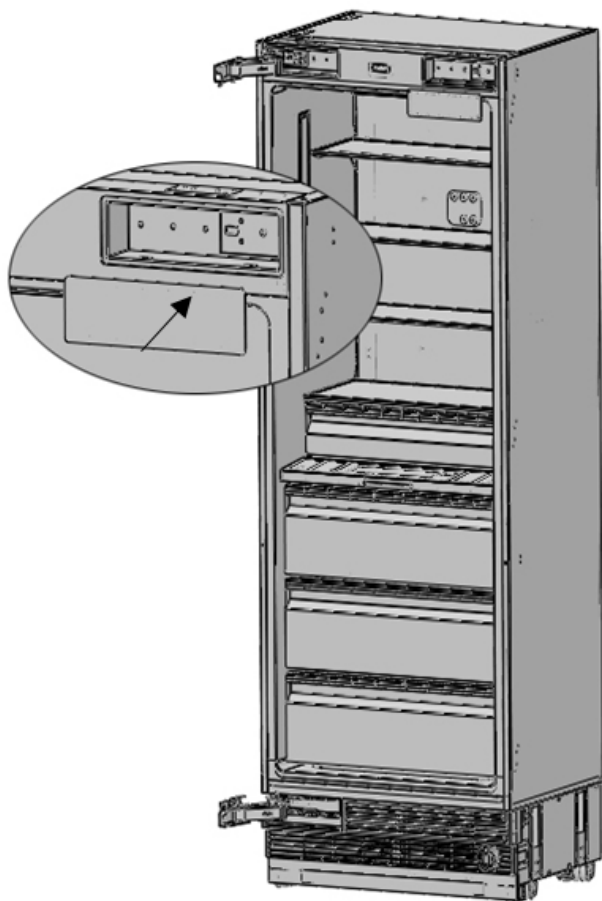
- Air vent upper part for the left hinge



- Remove the upper right hinge by loosening its 2 screws and fix it to its slot at the lower left side.

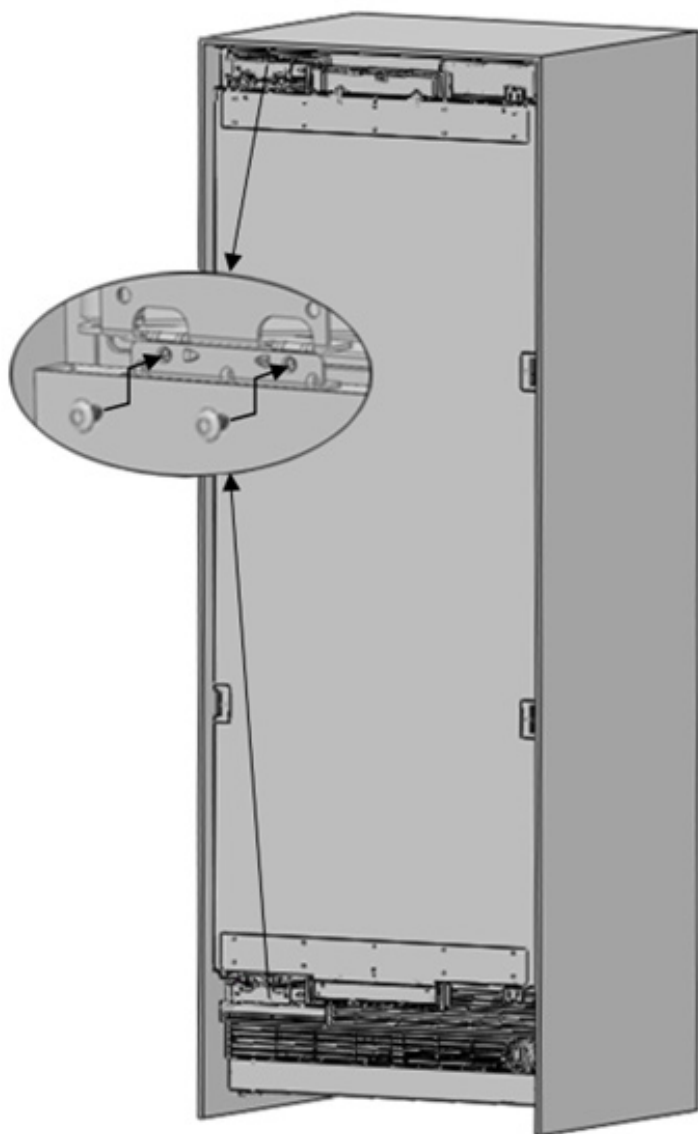


- Attach the Hinge Slot Caps removed from the left side to the Hinge Caps to the right side.



Installing the door

Place the door to the refrigerator and fix it with 4 screws

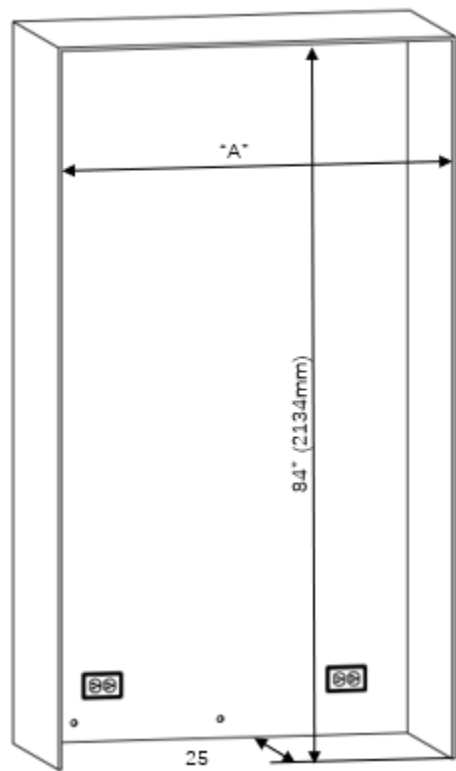


Installing The Dual Cabin

If you are going to make a dual cabin installation, you must definitely demand "Dual Cabin Installation Kit" from the authorised service.
The instructions below have been prepared according to Built-in type.

1. Cabin Dimensions

Cabin dimensions below must be checked before starting the installation.



Category	KM-PRC-F18 + KM-PRC-F24	KM-PRC-F18 + KM-PRC-F30	KM-PRC-F24 + KM-PRC-R24	KM-PRC-F24 + KM-PRC-R30
"A" Dimension	42"	48"	48"	54"

2. Location of the Electrical Wiring

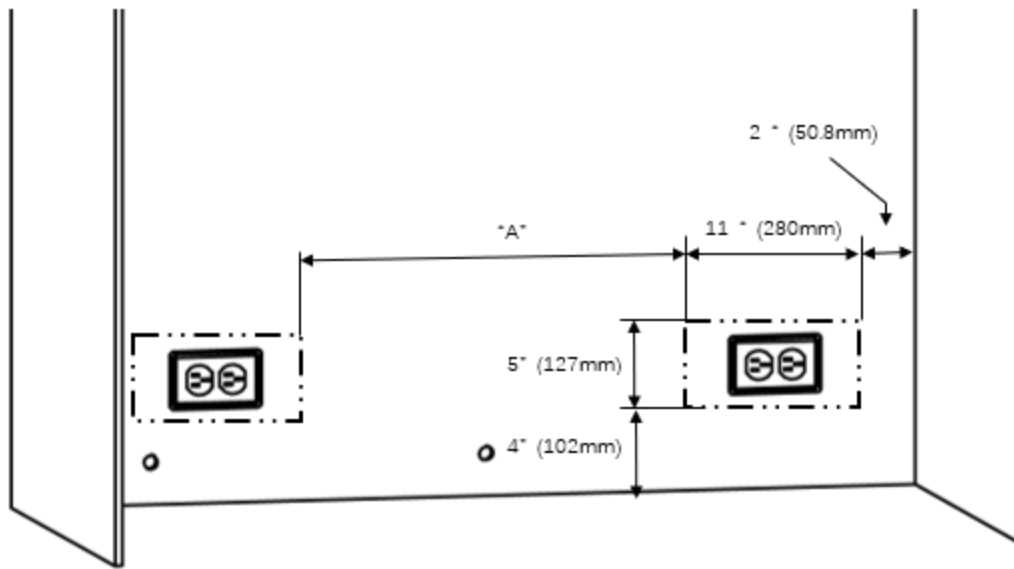
Location of the electrical wiring must be within the range given below.

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.



Category	KM-PRC-F18 + KM-PRC-F24	KM-PRC-F18 + KM-PRC-F30	KM-PRC-F24 + KM-PRC-R24	KM-PRC-F24 + KM-PRC-R30
"A" Dimension	13"	19"	13"	19"

3. Water System

- Water Quality: The water from the main water line must be drinkable.
- Placement: Keep the water system within the suggested area.
- Connection: Connect the refrigerator's water system to your home's main water line.
- Control: You should be able to turn the water on or off with a valve when needed.
- Safety: Make sure there's nothing sharp or twisty near where you install the water line.

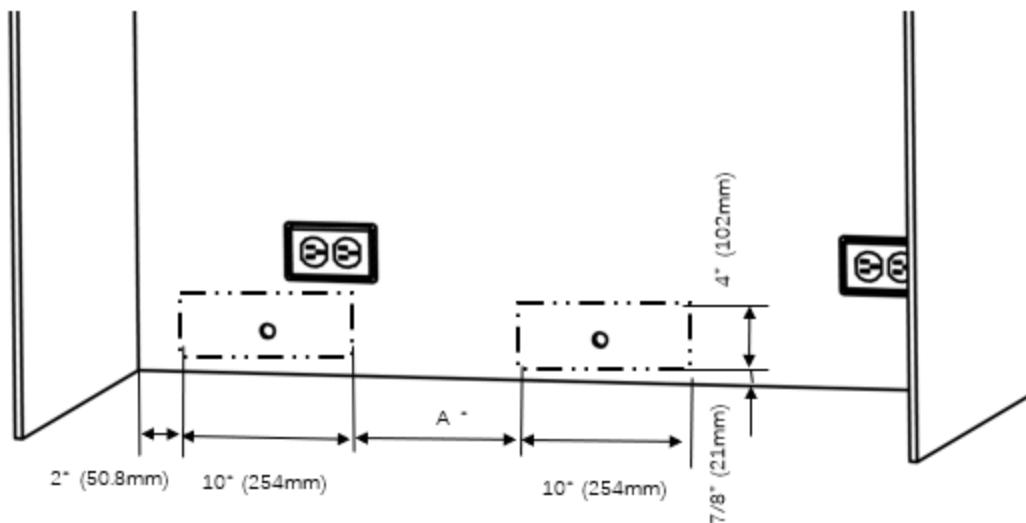
4. Water Pressure

- Pressure Limits: Keep the water pressure between 25-80 psi (1.7-5.5 Bar).
- High Pressure: If the pressure goes over 80 psi, add a pressure limiter or protector at the valve.
- Maximum Pressure: Don't use or set up if the pressure might go over 120 psi.

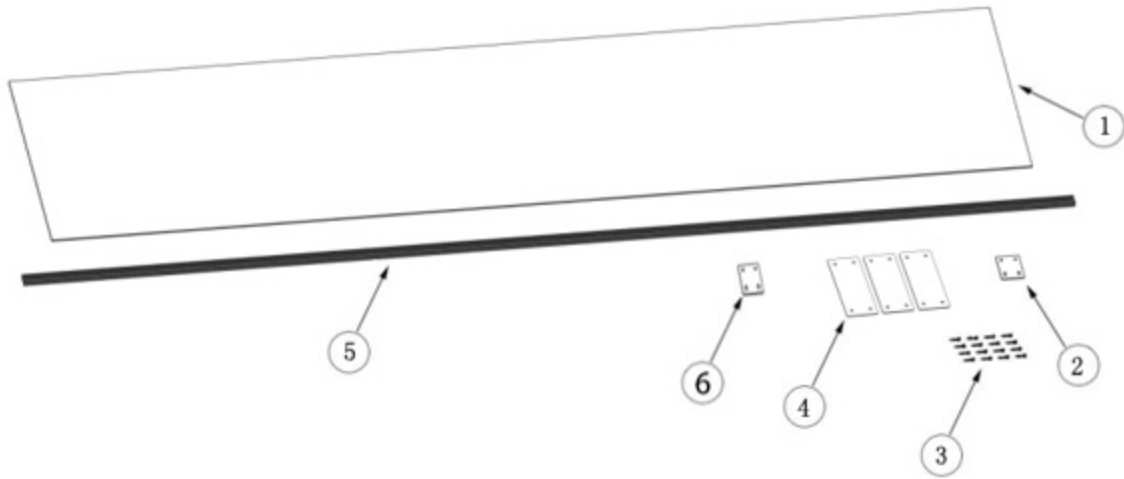
5. Installation Tips

WARNING:

- Check for any leaks when connecting the water. Leaks can damage floors and furniture.
- Use a hose that's at least 60 inches long and ¼ inch wide for connections.
- Use a connector with an external thread of ¼ inch to link the hose to the product.
- Make sure water flows correctly and there are no leaks before you finish installing.



Category	KM-PRC-F18 + KM-PRC-F24	KM-PRC-F18 + KM-PRC-F30	KM-PRC-F24 + KM-PRC-R24	KM-PRC-F24 + KM-PRC-R30
"A" Dimension	8"	8"	14"	14"



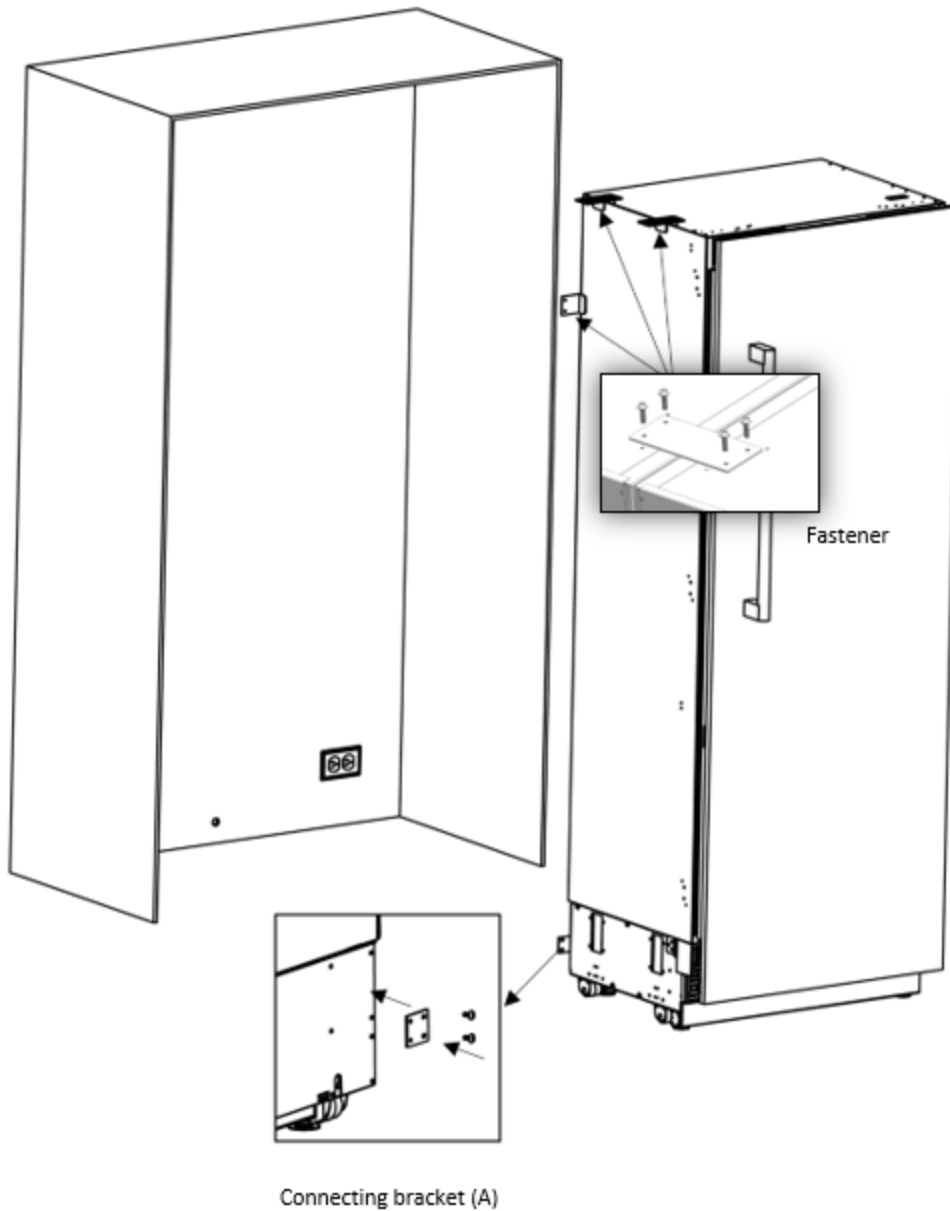
No	Part name	Spec	Q'ty
1	Insulation sponge	Sponge, gray, T3.0*400*1750	1
2	Connecting bracket (A)	T2.0*56*41, Cr+zn-coating	1
3	Truss washer head	M4*12	16
4	Fastener	POM	3
5	Trim furniture middle	PVC extrusion L=1876	1
6	Connecting bracket (B)	T2.0*29*36, Cr+zn-coating	1



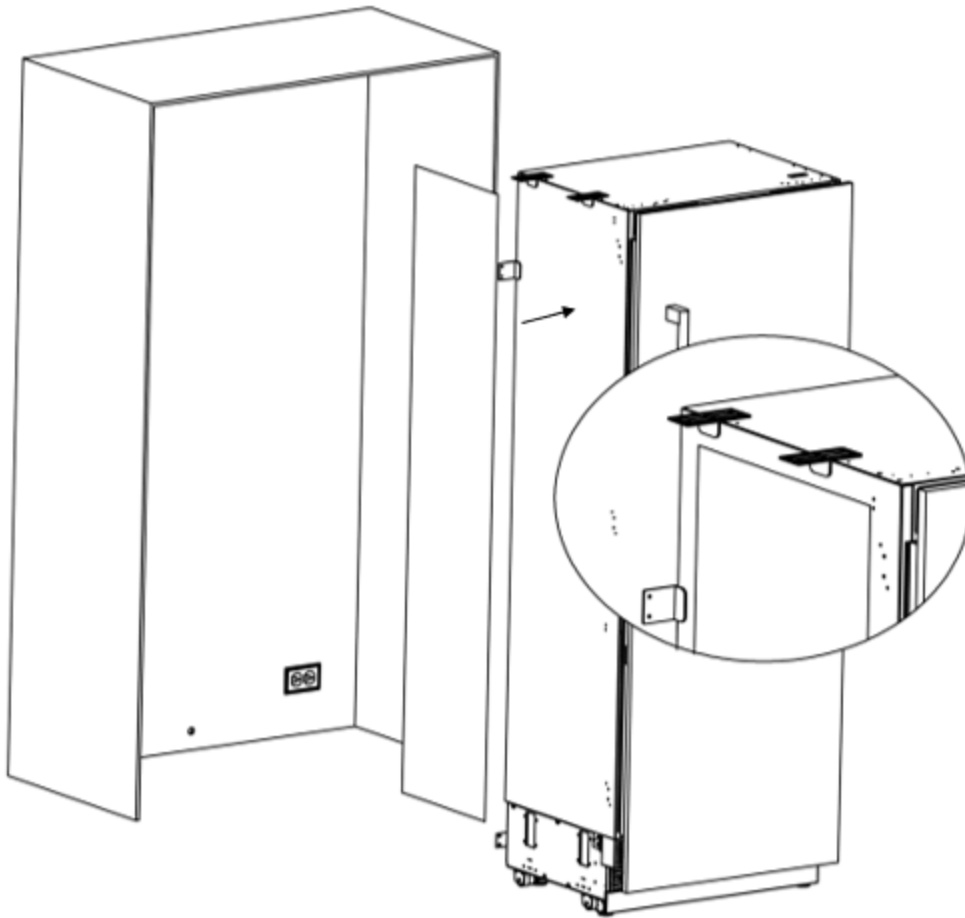
Truss washer head screw
Spec : M4x12
Fixing Refrigerator
Such as cabinet and door
(press part)

6. Attaching the fasteners and connecting bracket

Screw (3) the Fasteners (4) that are going to be used to connect two refrigerators together to the locations shown in the figure.

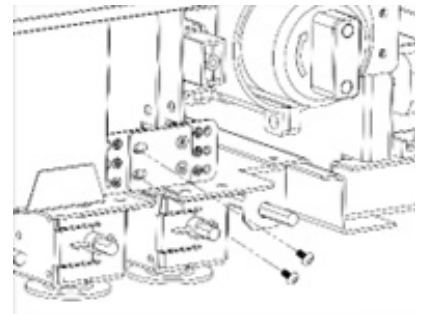
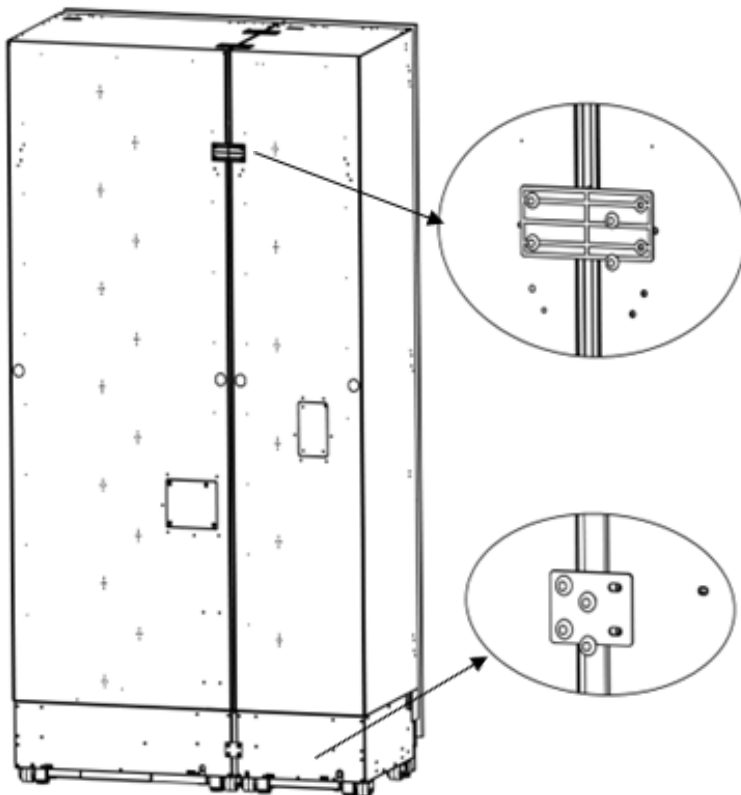
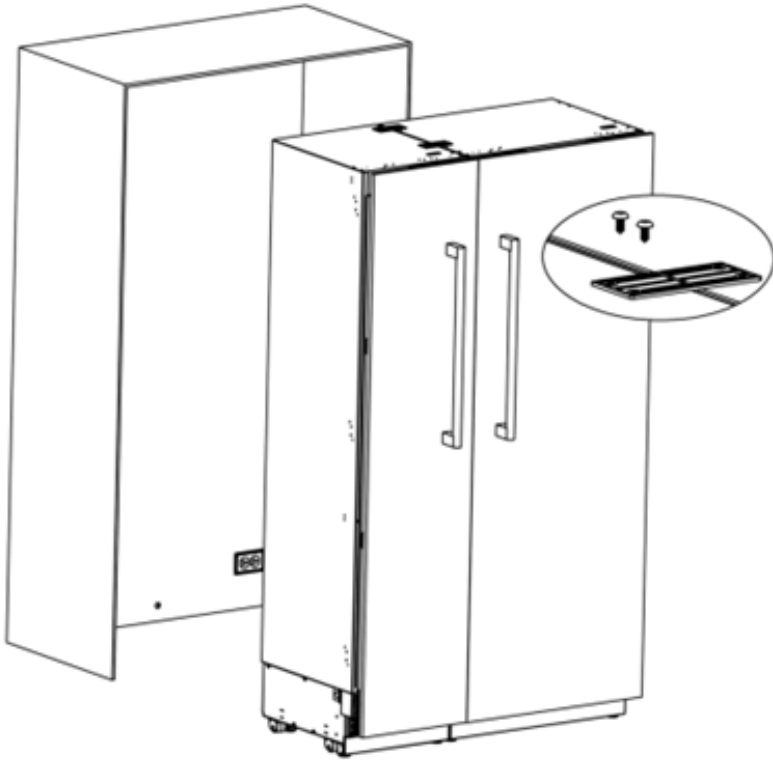


7. Stick the Insulation Sponge (1) to the side panel so that the sponge remains in between two cabinets.



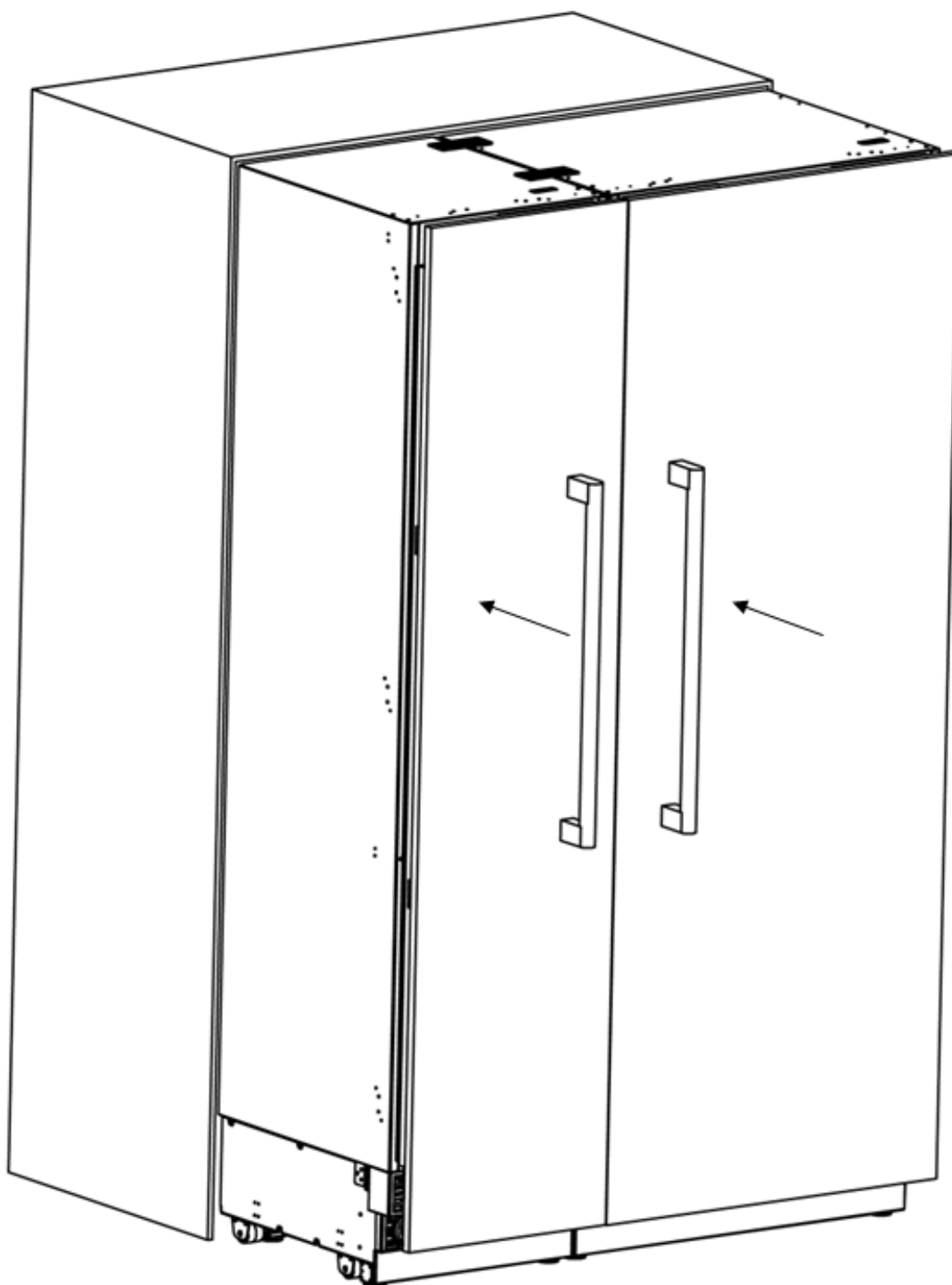
7. Bring the two refrigerators side by side.

Make sure that they are in alignment, screw fasteners (4) to the other refrigerator.
Screw connecting bracket A (2) on the back and screw connecting bracket B (6) on the front.



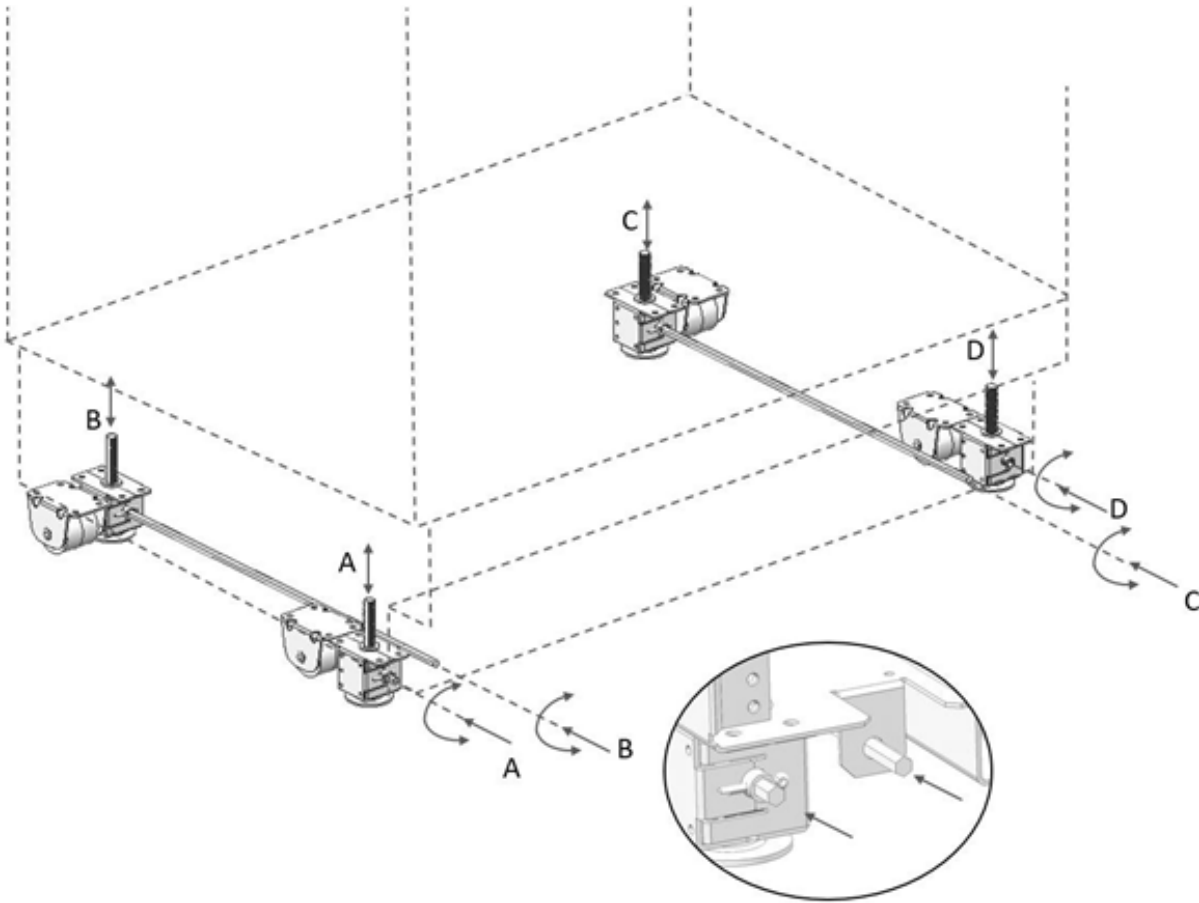
Connecting bracket (B)
on the front
Connecting bracket (A)
on the back

8. Make power and water connections of the refrigerator as explained before.
9. Push the refrigerators into the cabin.



10. Adjusting the height of the refrigerator in the cabin

Adjust the refrigerator height using the adjustable feet.



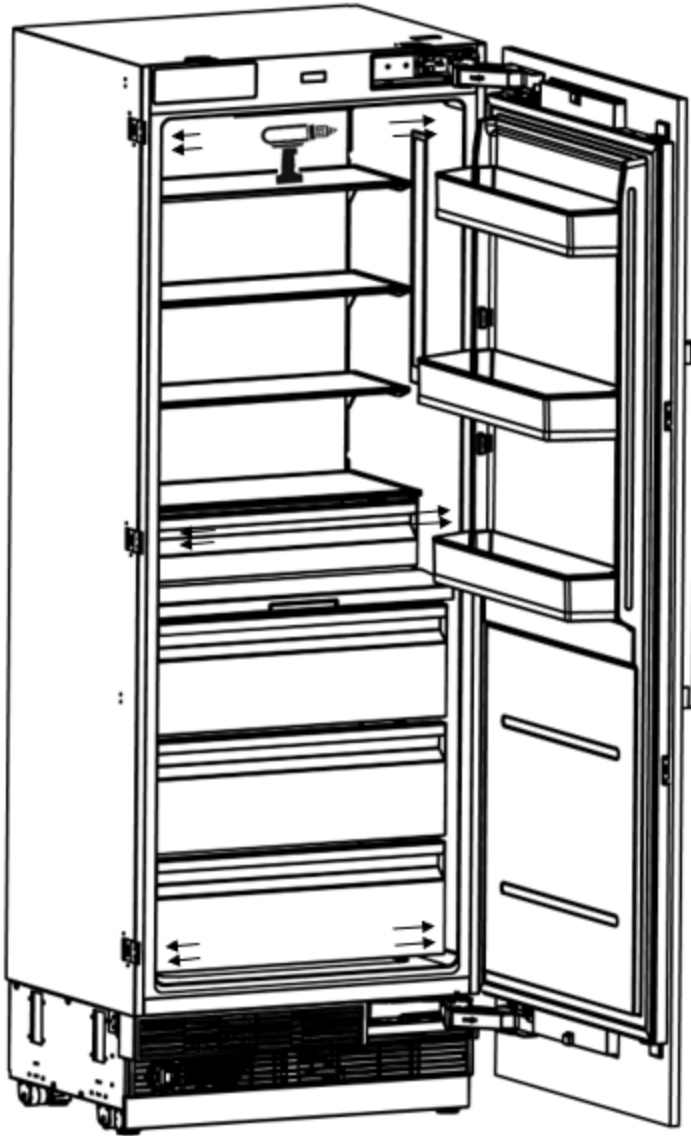
First raise the front feet to reduce the risk of the cabin falling frontward.

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

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

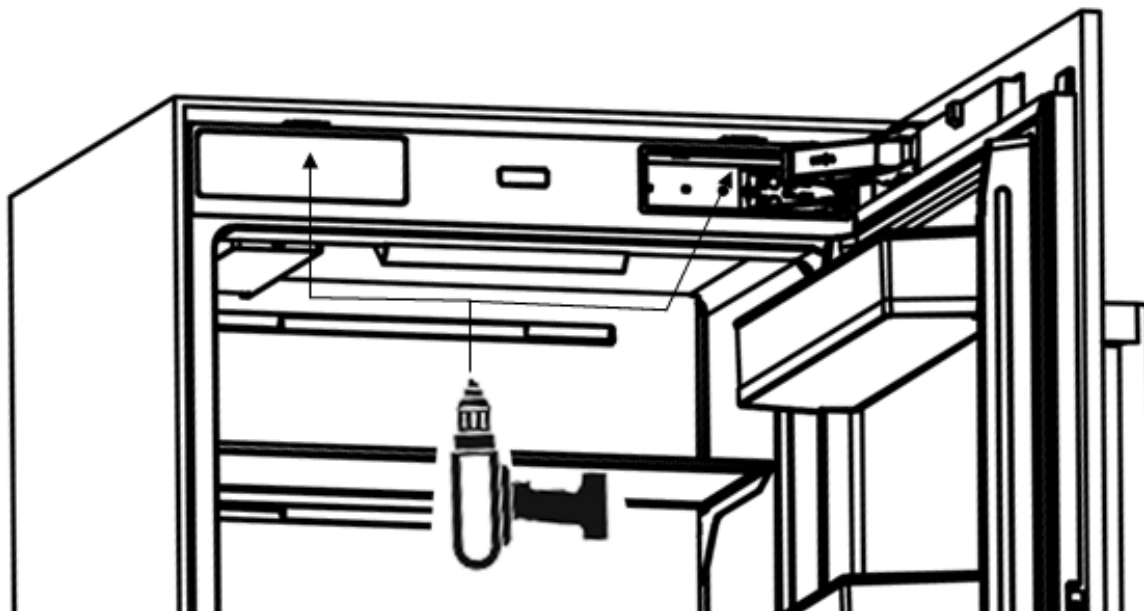
11. Screwing the bracket furniture on the cabin side wall

Attach the bracket furniture to the furniture with 12screws.



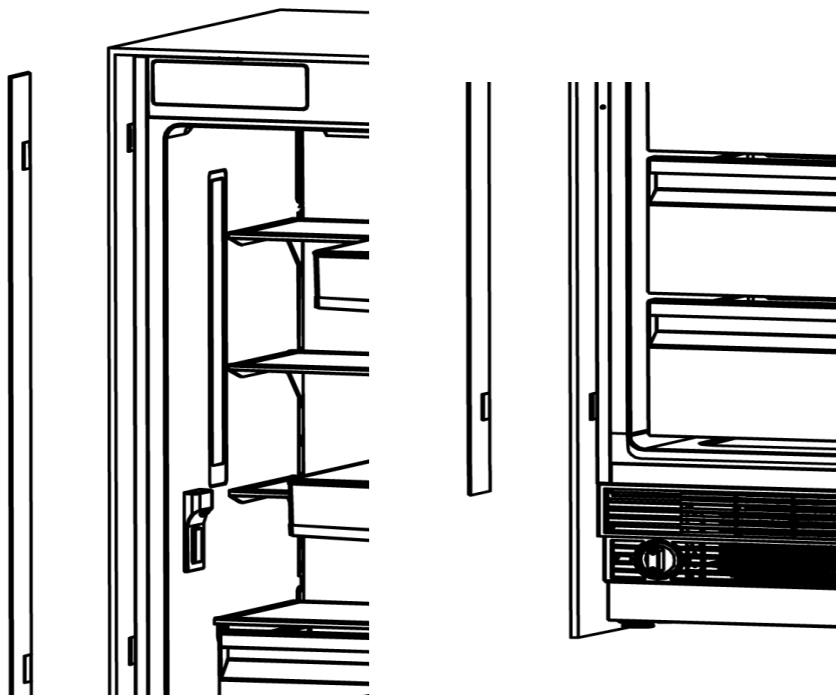
12. Screwing the bracket furniture on the cabin top wall

Attach the bracket furniture to the furniture with 4screws.

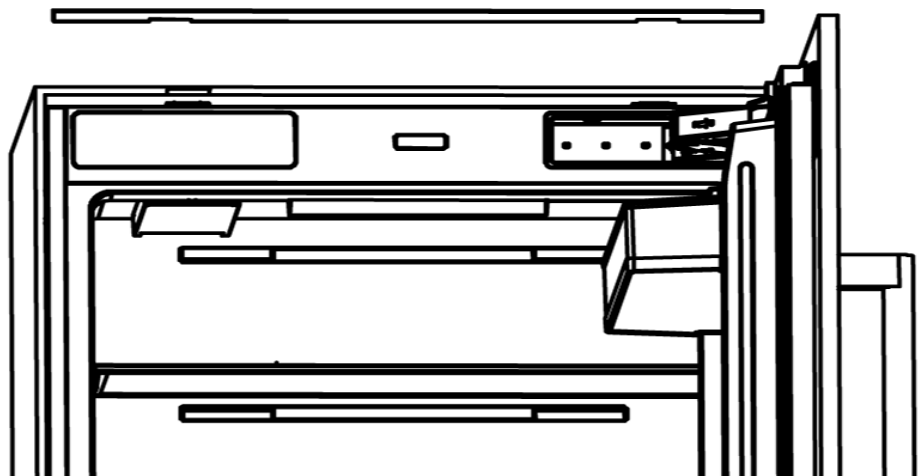


13. Attaching the decorative parts

Attach the side closing parts onto the right/left connection brackets.

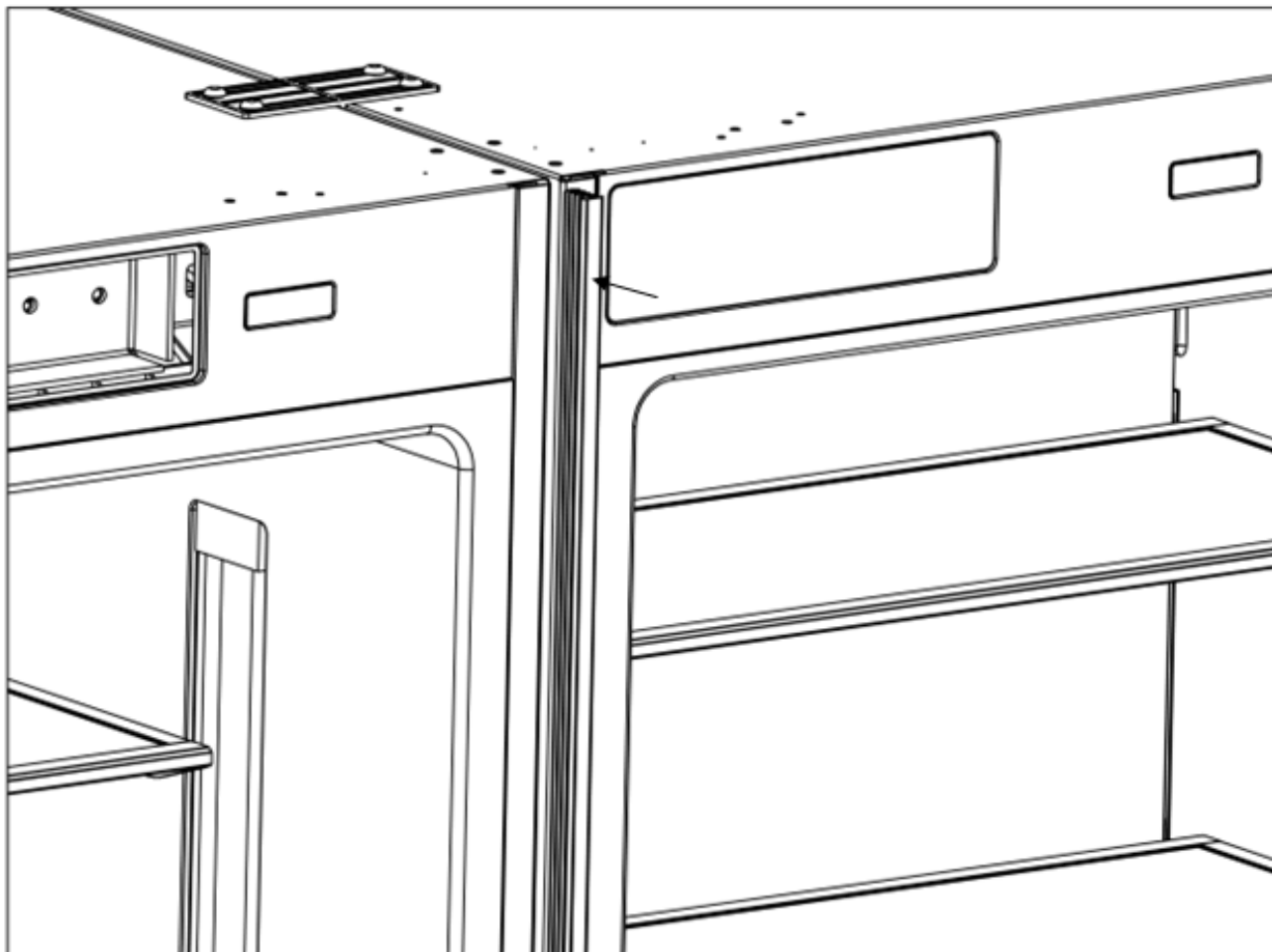


Attach the upper closing part onto the upper connection bracket.



14. Screwing the bracket furniture on the cabin top wall

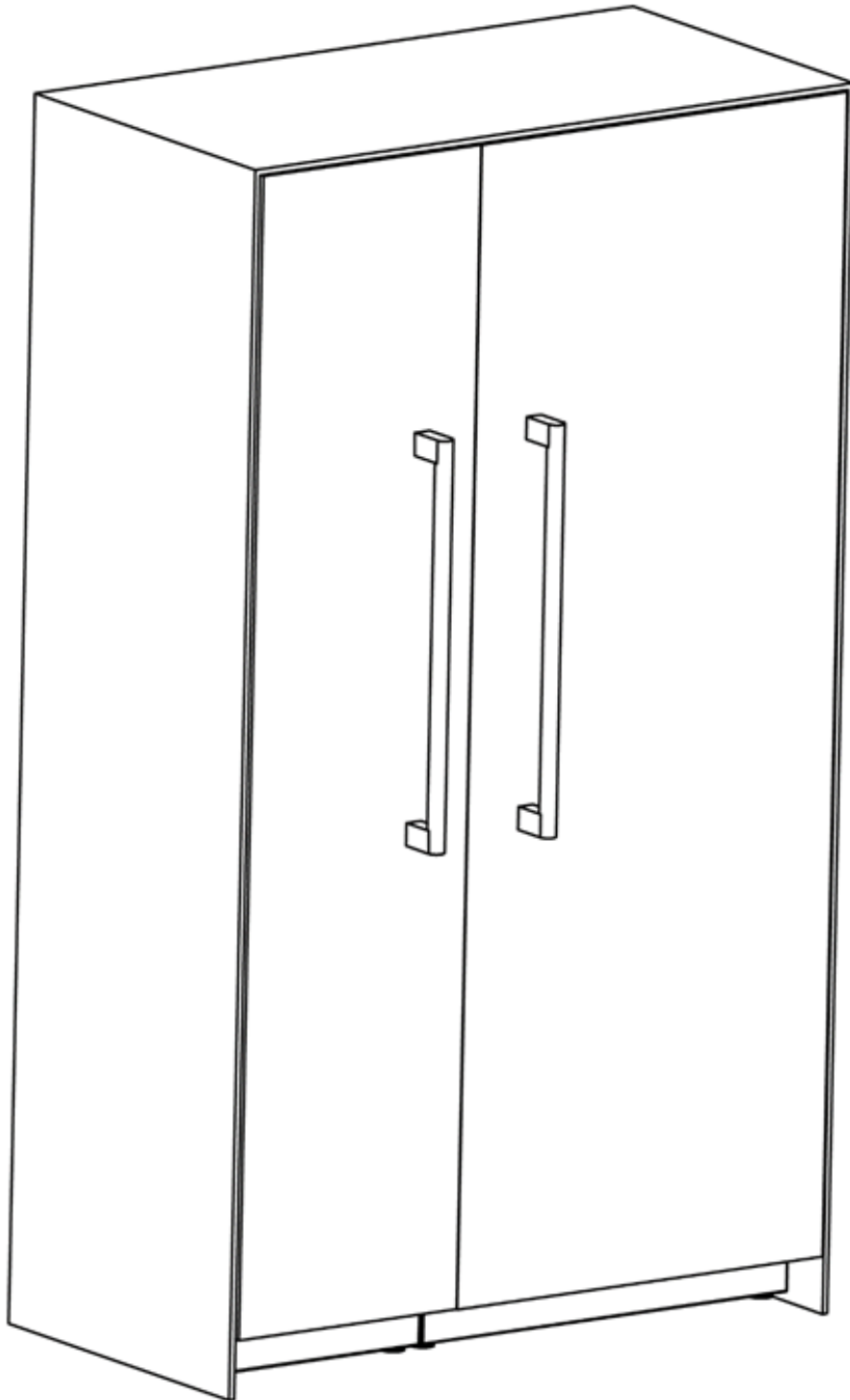
Attach the bracket furniture to the furniture with 4screws.



Congragulations!

You have succsesfully installed your Koolmore Reserve Panel Ready Appliance.
Enjoy it for many years in good health!

if you have any feedback or issues with installation please feel free to call our customer service line at
718 576 6342



LIMITED WARRANTY

Koolmore Supply, Inc. extends a limited warranty to the original purchaser, guaranteeing that this Koolmore product is free from manufacturing defects in material or workmanship for three years from the date of purchase.

Should you discover any such defect within the warranty period, Koolmore Supply, Inc., reserves the right to repair or replace the product without charge, or to cover the cost of replacement parts and repair labor needed to correct defects present at the time of purchase or resulting from regular usage, when the appliance has been installed, operated, and maintained as per the instructions provided.

At its sole discretion, Koolmore Supply Inc. may decide to replace the product. In such an event, your replacement appliance will carry the warranty for the remaining term of the original unit's warranty period.

This warranty is valid exclusively to the original purchaser of the product and only applicable within the United States. The warranty commences from the date of original consumer purchase. Proof of the original purchase date will be required to obtain service under this warranty.

Under this limited warranty, your sole and exclusive remedy will be product repair, as outlined above. All services must be provided by a Koolmore-designated service company.

To claim warranty or request repair service:

Email support@koolmore.com. Please include your name, address, phone number, warranty repair request, and a copy of your proof of purchase receipt. Alternatively, visit koolmore.com and use the contact us page. A Koolmore customer service representative will promptly arrange service for your appliance.

We thank you for choosing Koolmore.

WARRANTY EXCLUSIONS

This limited warranty will not cover:

1. Failure of the product to perform during power failures or interruptions, or due to inadequate electrical service.
2. Damage incurred during transportation or handling.
3. Damage caused by accidents, vermin, lightning, winds, fire, floods, or acts of God.
4. Damage resulting from accidents, alterations, misuse, abuse, improper installation, repair, or maintenance. This includes using any external device that alters or converts the voltage or frequency of electricity.
5. Unauthorized product modifications, repairs by unauthorized centers, or use of non-approved replacement parts.
6. Abnormal cleaning and maintenance not aligned with the user's manual.
7. Use of incompatible accessories or components.
8. Any costs associated with repairs or replacements under these excluded circumstances shall be the responsibility of the consumer.

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