INDUCTION HARDWARE

Care & Install Guide

Column Refrigeration



Induction Hardware aims to be the industry leader in electric and induction appliances. Every single Induction Hardware product is electric and focused on bringing a better way to cook. We build every product to last and design them to be easy to maintain. Induction technology is the future of cooking.

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INDUCTION
HARDWARE
THE ELECTRIC APPLIANCE COMPANY

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INDUCTION HARDWARE
www.inductionhardware.com

12920 OLD VIRGINIA ROAD, SUITE 160
RENO, NEVADA 89521, USA

Quick Start Guide



Induction is the new electric.

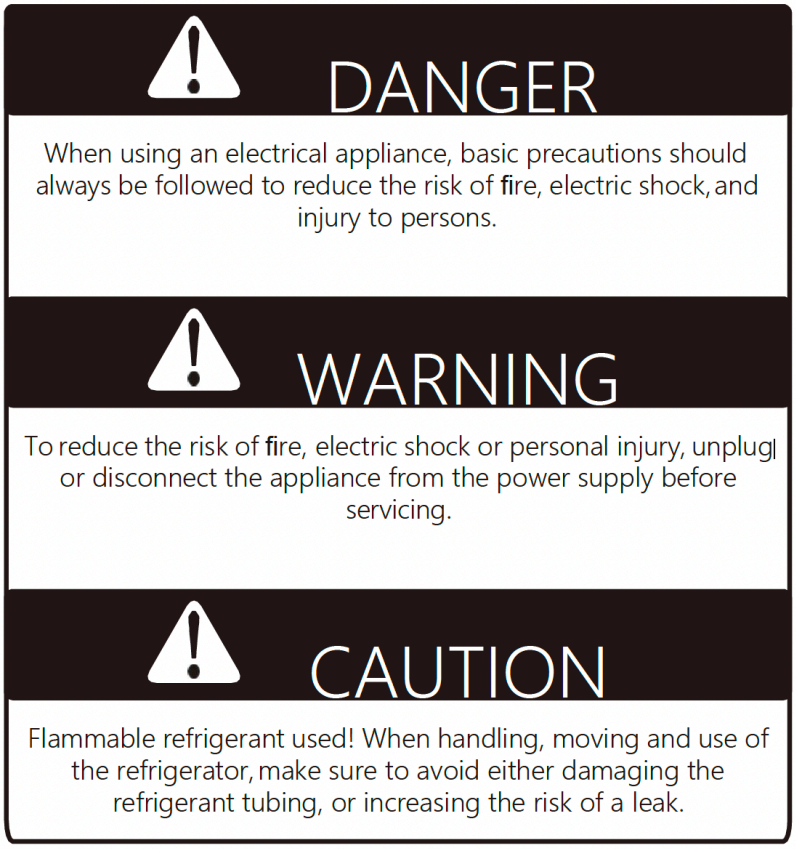
Induction cooking uses electromagnetic fields to directly heat pots and pans, making it faster, more energy-efficient, and more precise than traditional electric ceramic cooktops, which heat by transferring heat from a coil through the glass surface. Unlike ceramic cooktops, induction surfaces stay cooler to the touch and allow for instant temperature control.

Safety Warnings

Your safety and the safety of others are very impotant. We have provided many important safety messages in this manual for your appliance. Always read and ovey all safety messages.

This is the Safety Alert Symbol. This symbol alerts you to potential hazards that can cause severe bodily injury or death. All safety messages will follow the Safety Alert Symbol and either the words "**DANGER**" "**WARNING**" OR "**CAUTION**"
Use this appliance only as described in this manual. Other uses not recommended may cause fire, electric shock or





personal injury.

This appliance is not intended for use by young children or infirm persons unless they have been adequately supervised by a responsible person to ensure that they can use the appliance safely.

Young children should be supervised to ensure that they never play with the appliance.

To protect against the risk of electric shock, NEVER IMMERSE the unit, cord, or plug in water or spray any other liquid.

Unplug the appliance from the plug socket when not in use, when moving from one location to another and before cleaning.

To disconnect the appliance, grip the plug and pull it from the wall outlet. Never pull by the cord.

Never operate the appliance in the presence of explosive and/or Flammable fumes.

Never place the appliance or any of its parts near an open flame, cooking or other heating appliance.

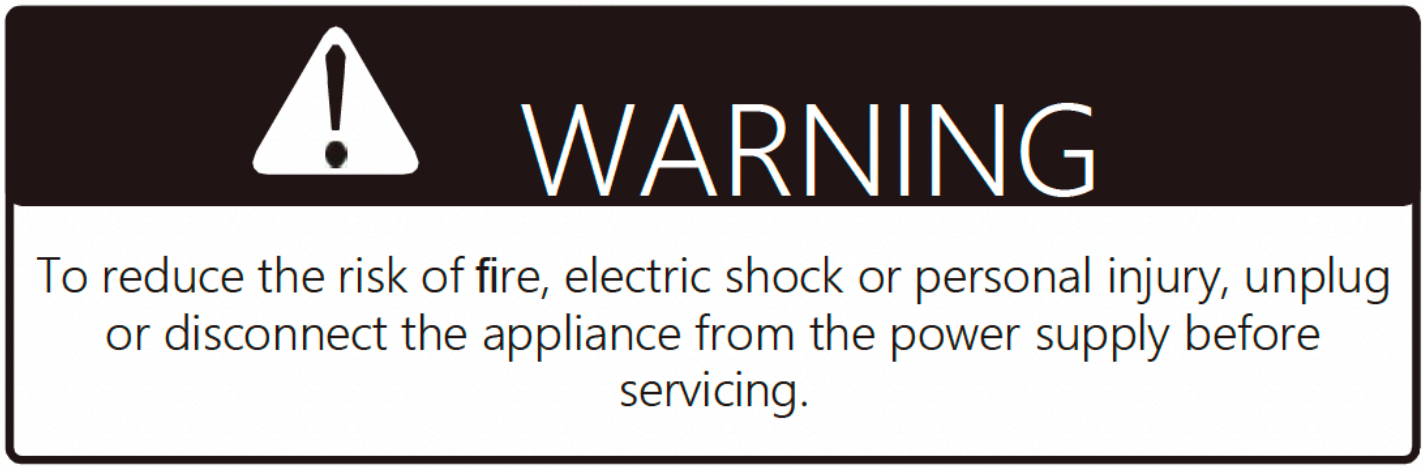
Never operate the appliance with a damaged cord or plug, if the product malfunctions, or if it is dropped or damaged in any manner.

The use of attachments not recommended by the manufacturer may be hazardous.

Never operate if the housing is removed or damaged.

A loose fit between the AC outlet (receptacle) and plug may cause overheating and a distortion of the plug. Contact a Qualified electrician to replace loose or worn outlet.

Safety Warnings



Never attempt to repair or replace any part of your appliance unless it is specifically recommended in this manual. All other servicing should be referred to a qualified technician.

DANGER – Risk of fire or explosion. Flammable refrigerant used. To be repaired only by trained service personnel. Use only manufacturer authorized service parts. Any repair equipment used must be designed for flammable refrigerants. Follow all manufacturer repair instructions. Do not puncture refrigerant tubing.

DANGER – Risk of fire or explosion. Flammable refrigerant used. Do not use mechanical devices to defrost refrigerator. Do not puncture refrigerant tubing.

This appliance is CFC and HFC free and contains small quantities of isobutane (R600a), an environmentally friendly coolant.

Use two or more people to move and install the appliance. Failure to do so can result in back or other injury.

Never clean appliance parts with flammable liquids. These fumes can create a fire hazard or explosion. Never store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance. The fumes can create a fire hazard or explosion. CAUTION – Risk of fire or explosion due to puncture of refrigerant tubing; follow handling instructions carefully. Flammable refrigerant used. You must ensure that the cooling circuit is undamaged when installing the appliance. However,if it becomes damaged, avoid proximity to open fires and heat sources of all kinds. The room in which the appliance is located should be ventilated properly and according to state and local codes.

Never connect or disconnect the electric plug with wet hands.

It is recommended that a separate circuit, serving only your appliance be provided. Use receptacles that cannot be turned off by a switch or pull chain.



Safety Warnings

For your safety, read all instructions carefully before operating the appliance.

Save These Instructions.

If you are experiencing problems, check the Troubleshooting Guide at the back of this manual. It lists causes of minor operating problems that you can correct yourself.

Disposal of Old Appliance

Dispose of your appliance packaging properly. Refrigeration equipment must be properly disposed of in a way which protects the environment. This applies to your old appliance and to your new unit once it has reached the end of its service life.



WARNING: Risk of child entrapment. Before you throw away your old refrigerator or freezer, Take off the doors. Leave the shelves in place so that children may not easily climb inside.

CAUTION – Risk of fire or explosion. Dispose of refrigerator properly in accordance with the applicable federal or local regulations. Flammable refrigerant used.

The appliance must not be disposed with normal household waste collection.

The coolant circuit, particularly the heat exchange at the back/bottom of the unit, must not be damaged.

The symbol on the product or its packaging indicates that this product is not to be handled as normal household waste but is to be taken to a recycling collection point for electrical and
electronic goods. By correctly disposing of this product you are contributing to the protection of the environment. Improper disposal endangers health and the environment. Further information about the recycling of the product may be obtained from your town hall or local waste collection department.

Before Using Your Appliance

Remove all exterior and interior packing.

Before connecting the appliance to the power source, let it stand upright for approximately 2 hours. This will reduce the possibility of a malfunction in the cooling system caused by handling during transportation.

Clean the interior surface with warm water using a soft cloth.

The door on this appliance can be opened from either the left or the right side. The unit is delivered with the door opening on the left side. Should you wish to open the door from the right, follow the instructions, “Reversing the Door Swing of your Appliance,” listed below.

Safety Warnings

Before Using Your Appliance

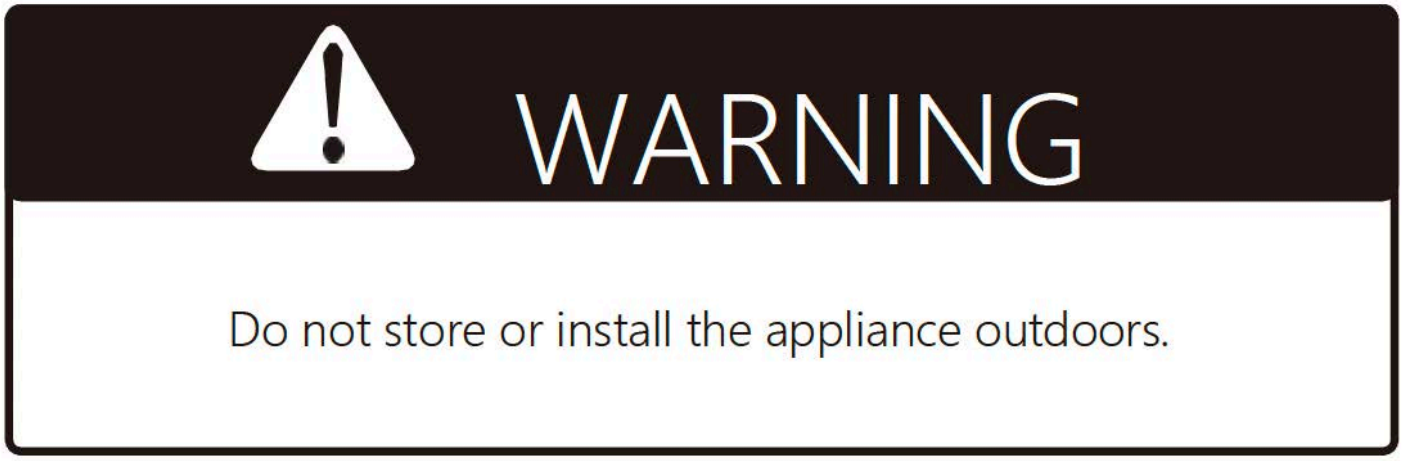
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Never use an appliance with a damaged circuit.



The appliances are designed for either built-in, or free-standing installation.
Place your appliance on a floor that is strong enough to support it when it is fully loaded. To level your appliance, adjust the 4 legs until level.
Locate the appliance away from direct sunlight and sources of heat (stove, heater, radiator, etc.). Direct sunlight may affect the acrylic coating and heat sources may increase electrical consumption. Extreme cold ambient temperatures may also cause the unit not to perform properly.
Never place the unit in damp areas.
Plug the appliance into an exclusive, easily accessible electrical socket.
Any questions concerning power and/or electrical connection should be directed towardsa qualified electrician or an authorized products service center.
The air vent at the front of the appliance must never be covered or blocked in any way.
For your safety, read all instructions carefully before operating the appliance.
The appliance must be installed to all electrical connections in accordance with state and local codes.
Use two or more people to move and install the beverage cooler. Failure to do so can result in back or other injury.
The cooler may experience decreased cooling efficiency if air flow is restricted due to a fully loaded cabinet.
Install the beverage cooler in a well-ventilated area where the ambient temperature is above 50°F and below 90°F.
Attention
Never overload the cabinet.
Never open the door unless necessary.
Never cover shelves with aluminum foil or any other shelf material which may prevent air circulation.
Should the appliance be left empty for long periods, it is suggested that the appliance be unplugged, and, after careful cleaning, leave the door ajar to allow air to circulate inside the cabinet in order to avoid possible condensation, mold or odors from forming.

Safety Warnings

Electrical Connection
Check that the voltage marked on the product corresponds with your supply voltage.
This appliance should be properly grounded for your safety.

WARNING

Improper use of the grounded plug can result in the risk of electrical shock. If the power cord is damaged, have it replaced by a qualified electrician or an authorized service center.

The power cord of this appliance is equipped with a three-pin plug which mates with standard three-pin wall outlets to minimize the possibility of electrical shock. Never under any circumstances cut or remove the third ground prong from the power cord supplied. For personal safety, this appliance must be properly grounded. Have the wall outlet and circuit checked by a qualified electrician to make sure the outlet is properly grounded. When a standard two-pin wall outlet is encountered, it is your responsibility and obligation to have it replaced with a properly grounded three-pin wall outlet.

To prevent accidental injury, the cord should be secured behind the appliance and not left exposed or dangling.
The appliance should always be plugged into its own individual electrical outlet which has a voltage rating that matches the rating label on the appliance. This provides the best performance and also prevent overloading wiring circuits that could cause a fire hazard from overheating. Never unplug the appliance by pulling the power cord. Always grip the plug firmly and pull straight out from the receptacle. Repair or replace immediately all power cords that have become frayed or otherwise damaged. Never use a cord that shows cracks or abrasion damage along its length or at either end. When moving the appliance, be careful not to damage the power cord.

Never use your appliance with an extension cord unless this cord has been checked and tested by a qualified technician or service person. The extension cord must be a UL/CUL Listed, 3-wire grounding extension cord that has a grounding plug and outlet and that the electrical rating of the cord is 115 volts and at least 10 amperes.

For your safety, read all instructions carefully before operating the appliance. Locate the unit away from direct sunlight and sources of heat (stove, heater, radiator, etc.). This appliance is CFC and HFC free and contains small quantities of isobutane (R600a), an environmentally friendly coolant. CAUTION – Risk of fire or explosion due to puncture of refrigerant tubing; follow handling instructions carefully. Flammable refrigerant used. You must ensure that the cooling circuit is undamaged when installing the appliance. However,if it becomes damaged, avoid proximity to open fires and heat sources of all kinds. The room in which the appliance is located should be ventilated properly and according to state and local codes.

Never use an appliance with a damaged circuit. Ensure that the ventilation openings to and from a built-in appliance are never blocked or covered. No liability will be accepted for any damage caused by misuse of the appliance, or as a result of repairs carried out by unqualified person. In this case neither the warranty nor any other liability claims will apply.

WARNING

Prop. 65 Warning for California Residents: This product may contain chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm.

For Your Records

Thank you for purchasing your beverage cooler.
This manual contains important information regarding the proper installation, use, and maintenance of your beverage cooler. Following this manual will ensure that your product will work at its peak performance and efficiency.
For Your Records
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:

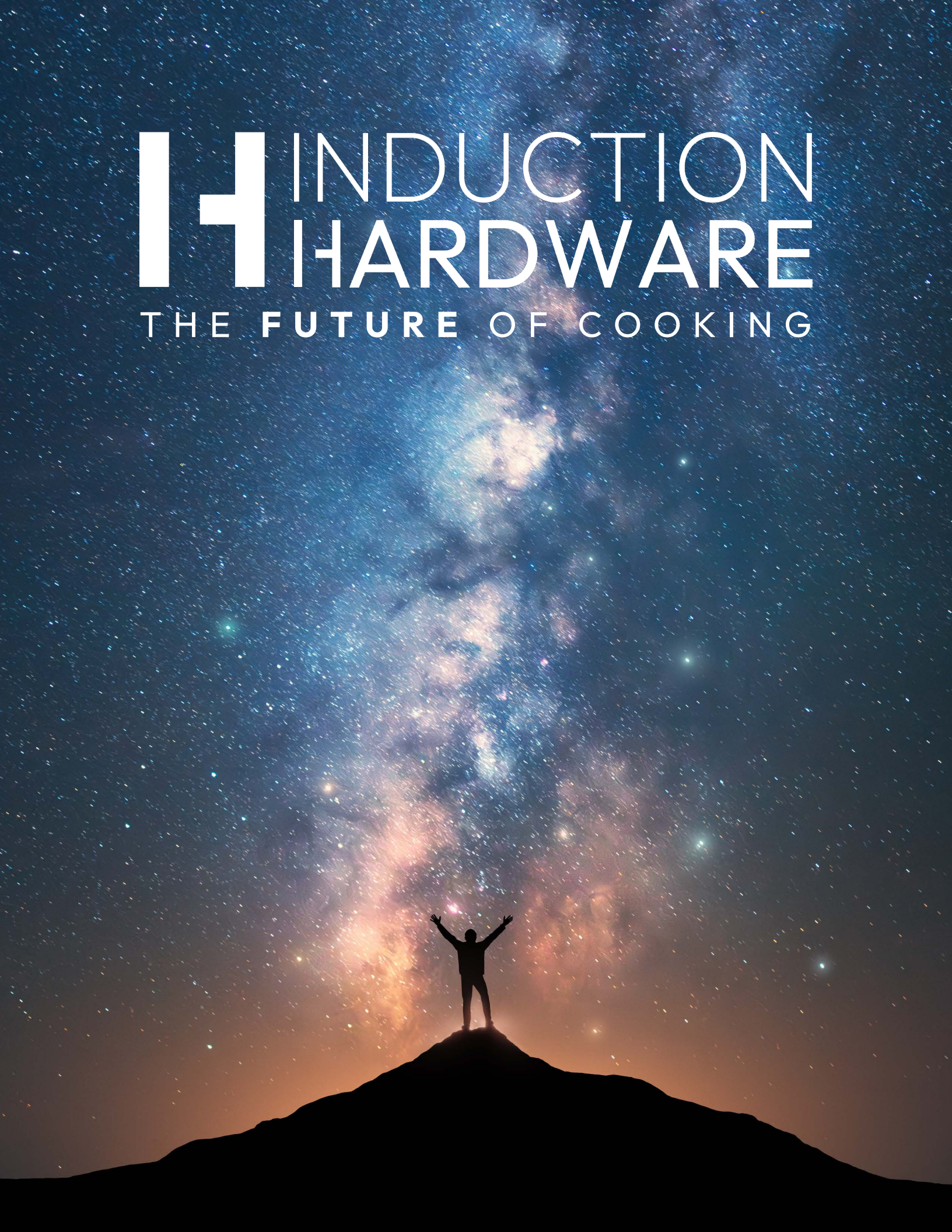
Serial Number:

Date of Purchase:

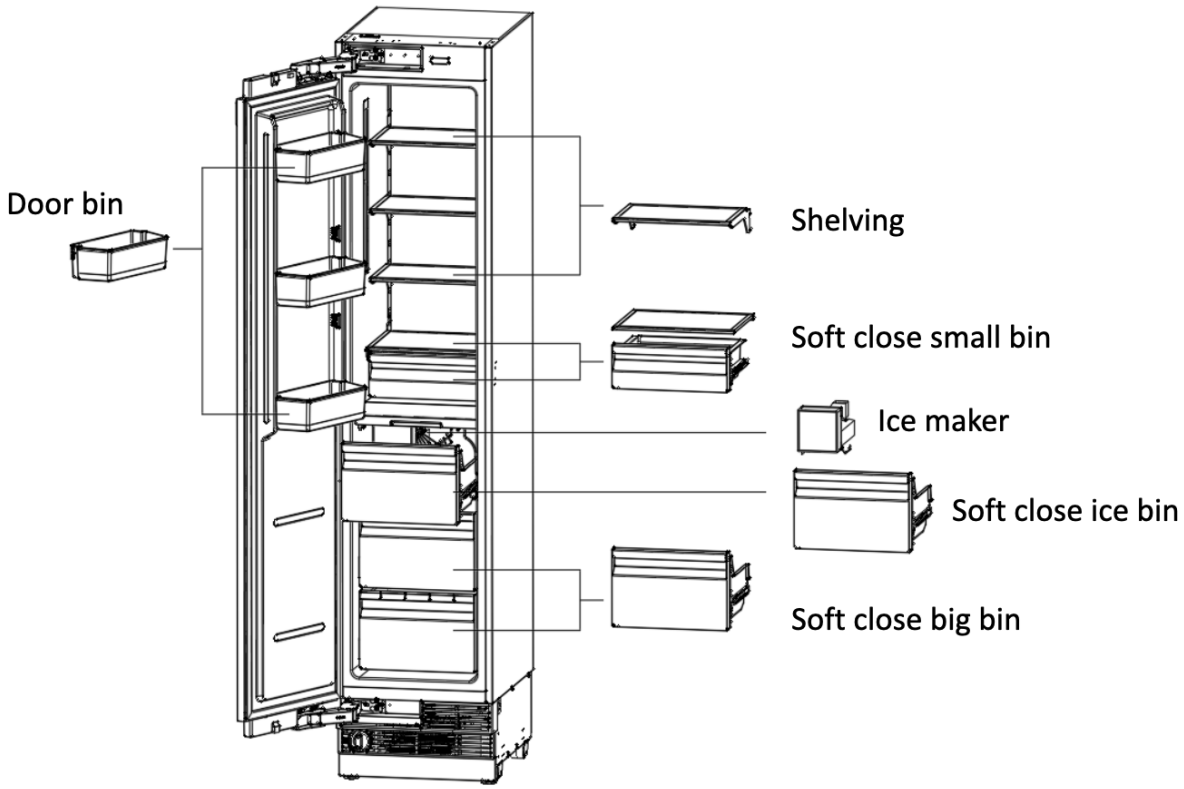
To better serve you, please do the following before contacting customer service:
If you received a damaged product, immediately contact the retailer or dealer that sold you the product.

Read and follow this instruction manual carefully to help you install, use and maintain your unit.
Read the troubleshooting section of this manual as it will help you diagnose and solve common issues.




INDUCTION
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THE FUTURE OF COOKING

Freezer Column Features

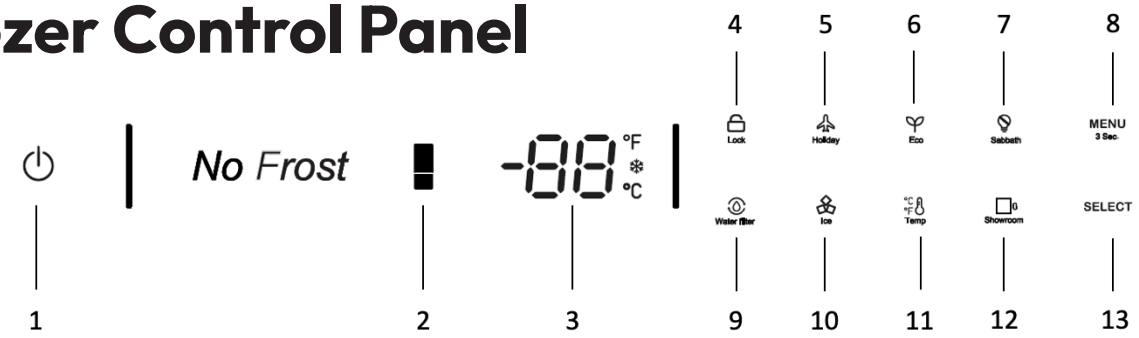


NOTE: Figures in this user manual are schematic and may not match the product exactly. If your product does not have the relevant parts, the information applies to other models.

Freezer components	
Shelving	• Selectable shelf heights. • Heat treated safety glass..
Ice maker (if applicable)	• Removable ice container. • Hygienic ice scoop.
Self close bins	• Freezer bins self close to ensure all bins close properly.
Door bins	• Adjustable and removable door bins.

NOTE: Recommended operating temperature for the freezer: 0°F (-18 °C)

Freezer Control Panel



1. On/Off Button

Serves to switch the whole appliance On and Off. Press the button to switch on the product, the product will be switched on in 5 seconds. Press the on/off button for 1.5 seconds to switch off.

2. Colder/Warmer Button

Press button to change the freezer compartment temperature from 7°F(-14°C) to -11°F(-24°C) After the temperature regulation is stopped, the nixie tube will flash for 5 seconds and take effect. Super freezing function will be enabled if keep pressing after -11°F (-24°C). When the snow symbol illuminate on the display the super freezing function will be enabled. The super freezing feature assists with periods of high freezer use, full grocery loads, or temporarily warm room temperatures. After the super cool cycle completes, the refrigerator will return to its previous setting.

3. Temp. Display

Displays the set temperature of the freezer. Fahrenheit, Celsius, Super freezer lamp illuminate.

4. Lock

Press lock key continuously for 3 seconds and the lock icon will light up. Press the lock key for 3 seconds to unlock the icon. 3 minutes without key operation lock key. All of the following operations must be performed in the unlocked state.

5. Holiday Mode

Press the MENU button till the holiday symbol illuminates, then press the SELECT button to enable the function. When the Holiday Mode function is enabled, freezer temperature set at 0°F (-18°C)automatically. Before leaving, turn the ice maker to OFF on the control panel and shut off the water supply to the appliance. On return, turn on the ice maker and discard the first full bin of ice.

6. Eco Mode

Press the MENU button till the Eco Mode illuminates, then press the SELECT button to enable the function. When the Eco Mode function is enabled, and freezer Temperature set at 7 °F (-14 °C) automatically.

7. Sabbath Mode

Press the MENU button till the Sabbath mode symbol illuminates then press the SELECT button to enable the function. When the Sabbath mode function is enabled, all lights, buzzers, display panels will be switch off.

8. Menu/Child Lock

By pressing MENU button for 3 seconds, you may lock/unlock the control panel. The child lock is a feature for preventing children from changing the product settings.

9. Water Filter (if applicable)

The water filter symbol flashes and beeps to advise the user to replace the water filter. After the replacement is completed, press the SELECT button for 5 seconds to reset. The set replacement time is 130 days.

10. Ice Maker (if applicable)

Press the MENU button till the ice making symbol illuminates, then press the SELECT button to enable the function. When the ice making function is enabled, ice maker will be automatically operating and the ice cubes will be accumulated in the ice tray. After connecting the freezer to a water source or after replacing the water filter, fill and discard two full containers of ice.

11. Temp. Unit

Press the MENU button till the Celsius and Fahrenheit selection symbol illuminates to change between Celsius and Fahrenheit. After that press the SELECT button to confirm.

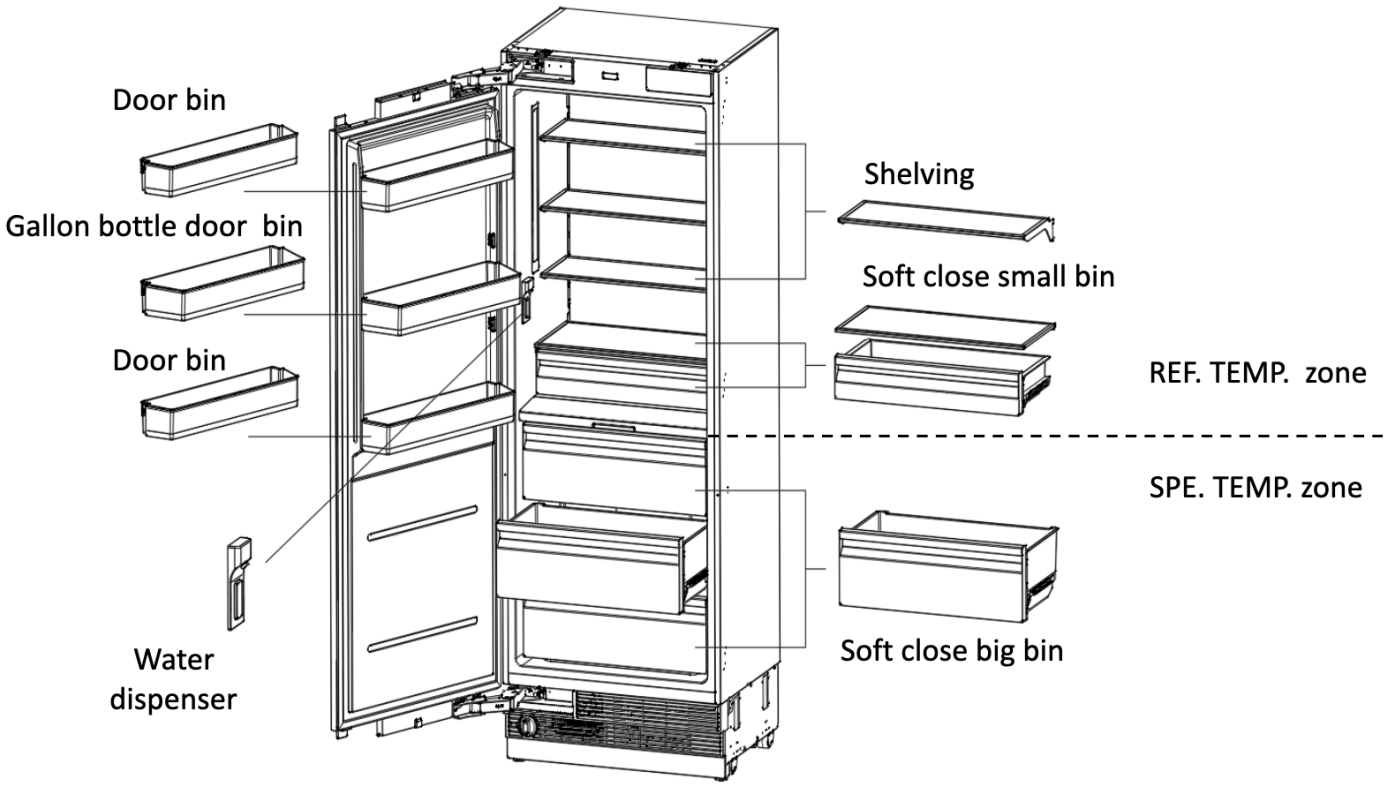
12. Showroom Mode

For use in display models. Do not store any food items while in show room mode, as the appliance then remains at room temperature.

13. Select

After selecting menu, then press SELECT button to confirm the function.

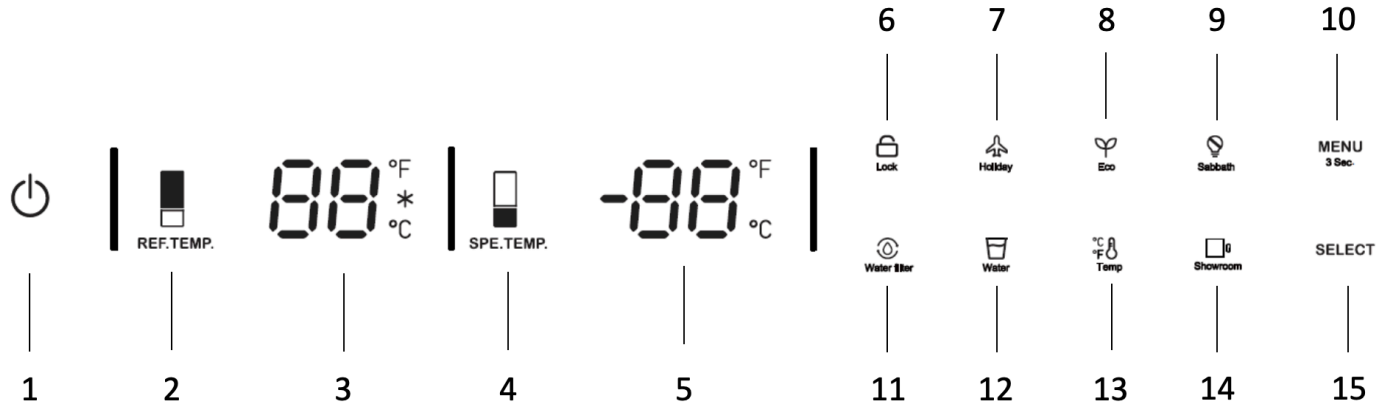
Refrigerator Column Features



NOTE: Figures in this user manual are schematic and may not match the product exactly. If your product does not have the relevant parts, the information applies to other models.

Refrigerator components	
Shelving	• Selectable shelf heights. • Heat treated safety glass.
Water dispenser (if applicable)	• Removable ice container. • Hygienic ice scoop.
Soft close bins	• Soft close bins ensure bins close quietly and properly.
Door bins	• Adjustable and removable door bins. • Gallon bottle door bin.

Refrigerator Control Panel



1. On/Off Button — Serves to switch the whole appliance On and Off. Press the button to switch on the product, the product will be switched on in 5 seconds. Press the on/off button for 1.5 seconds to switch off.

2. REF.TEMP. zone colder/Warmer Button — Press REF. TEMP button to adjust temperature from 36°F(2°C) to 46°F(8°C). After the temperature regulation is stopped, the nixie tube will flash for 5 seconds and take effect. Super cooling function will be enabled if keep pressing after 36°F (2°C). When the snow symbol illuminate on the display the super cooling function will be enabled. The super cooling feature assists with periods of high refrigerator use, full grocery loads, or temporarily warm room temperatures. After the super cool cycle completes, the refrigerator will return to its previous setting.

3. Temp. display — Displays the set temperature of the REF.TEMP.zone Fahrenheit, Celsius, Super cooling lamp illuminate.

4. SPE.TEMP. zone colder/Warmer Button — Press SPE. TEMP. button to adjust temperature from 30°F(-1°C) to 41°F(5°C). After the temperature regulation is stopped, the nixie tube will flash for 5 seconds and take effect.

5. Temp. display — Displays the set temperature of the SPE.TEMP.zone Fahrenheit, Celsius lamp illuminate.

6. Lock — Press lock key continuously for 3 seconds and the lock icon will light up. Press the lock key for 3 seconds to unlock the icon. 3 minutes without key operation lock key. All of the following operations must be performed in the unlocked state.

7. Holiday Mode — Press the MENU button till the holiday symbol illuminates, then press the SELECT button to enable the function. When the Holiday Mode function is enabled, the REF. TEMP and SEP. TEMP will be set at 63°F (17°C) automatically. NOTE: Do not place food in the fresh food compartment when Holiday Mode is enabled.

8. Eco mode — Press the MENU button till the Eco Mode illuminates, then press the SELECT button to enable the function. When the Eco Mode function is enabled, the REF. TEMP will be set at 46 °F (8 °C) the SEP. TEMP will be set at 41 °F (5 °C) automatically.

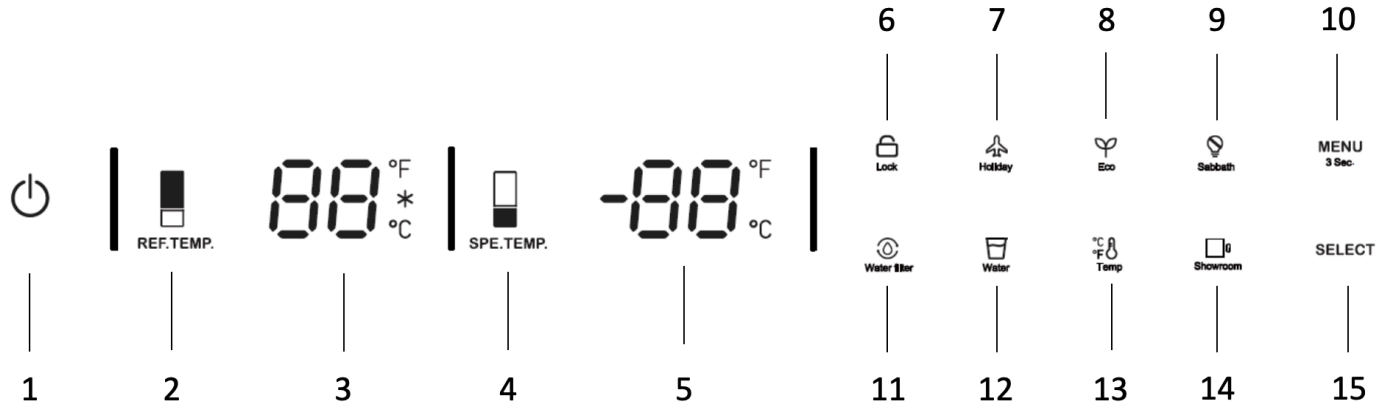
9. Sabbath Mode — Press the MENU button till the Sabbath mode symbol illuminates, then press the SELECT button to enable the function. When the Sabbath mode function is enabled, all lights, buzzers, display panels will be switch off.

10. Menu/child lock — By pressing MENU button for 3 seconds, you may lock/unlock the control panel. The child lock is a feature for preventing children from changing the product settings.

11. Water filter (if applicable) — The water filter symbol flashes and beeps to advise the user to replace the water filter. After the replacement is completed, press the SELECT button for 5 seconds to reset.The set replacement time is 130 days.

12. Water dispenser (if applicable) — Press the MENU button till the water dispenser symbol illuminates, then press the SELECT button to enable the function. When the water dispenser is enabled, fresh water can be provided from the dispenser fitted on the internal wall. NOTE: Prepare the water filter for use before using water dispenser. After connecting the refrigerator to a water source or after replacing the water filter, fill and discard two full containers of ice.

Refrigerator Control Panel



13. Temperature unit — Press the MENU button till the Celsius and Fahrenheit selection symbol illuminates to change between Celsius and Fahrenheit. After that press the SELECT button to confirm.

14. Showroom Mode — Press the MENU button till the show room symbol illuminates, then press the SELECT button to enable the function. This mode is used when the refrigerator is on display in a retail store or if you want to turn the cooling off and deactivate all other functions except interior lighting. Note: Do not store any food items while in show room mode, as the appliance then remains at room temperature.

15. Select — After selecting menu, then press SELECT button to confirm the function.

NOTE: Recommended operating temperature: REF. TEMP. : 39°F (4°C). SPE. TEMP. : 34°F(1°C) .



Before First Use

NOTE: Connecting your refrigerator to systems that save energy is dangerous as they may cause damage on the product.

- Do not leave the doors of your refrigerator open for a long time.
- Do not put hot food or drinks in your refrigerator.
- Do not overload the refrigerator. Cooling capacity will fall when the air circulation in the refrigerator is hindered.
- Do not place the refrigerator in places subject to direct sunlight. Install the product at least 30 cm away from heat sources such as hobs, ovens, heater units and stoves and at least 5 cm away from electrical ovens.
- Pay attention to store your food in refrigerator in closed containers.
- You can remove the drawer shelf of the freezer compartment to fill the freezer compartment with maximum amount of food. The given energy consumption value of the refrigerator has been determined with the freezer compartment shelf or the drawer removed and the refrigerator filled with maximum amount of food. There is no harm in using a shelf or drawer according to the shapes and sizes of food to be frozen.
- Thawing the frozen foods in the fridge compartment both saves energy and reserves the quality of the food.
- Before using the product, make sure that all preparations have been made in accordance with the instructions given in the “Important instruction regarding safety and environment” and “Installation Instruction” chapters.
- Clean the interior of the refrigerator as recommended in the “Maintenance and cleaning” section. Before you start the refrigerator, make sure that the interior is dry.
- Plug the refrigerator in a grounded socket. The interior illumination is lit when the door of the refrigerator is opened.
- Operate the refrigerator for 6 hours without placing any food in it and do not open its door unless it is necessary.

NOTE: Temperature of the room where your refrigerator is located should at least be 10°C/50°F. Operating your refrigerator under cooler conditions is not recommended with regard to its efficiency.

NOTE: If two coolers are to be installed side by side, there should be at least 4 cm distance between them.

NOTE: Make sure that the food does not touch the temperature sensor in fresh food compartment. To allow the fresh food compartment to keep its ideal storage temperature, the sensor must not be hindered by food.

- Do not place hot foods or beverages inside the product.

NOTE: You will hear a noise when the compressor starts up. The liquids and gases sealed within the refrigeration system may also give rise to noise, even if the compressor is not running and this is quite normal.

NOTE: Front edges of the refrigerator may feel warm. This is normal.
These areas are designed to be warm to avoid condensation.

Installation Guide



Installation Made Clear.

Proper installation ensures your Induction Hardware appliance performs exactly as designed. This guide provides the key steps and requirements to help installers complete the process safely and correctly. For additional resources, installation videos, and the most up-to-date documentation, please visit our website.

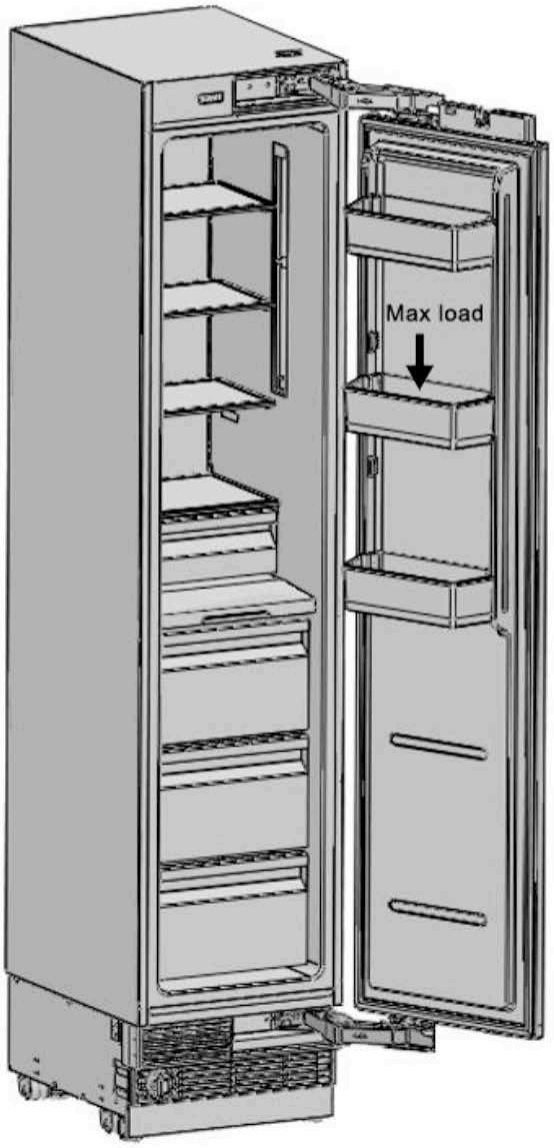
Installation Contents

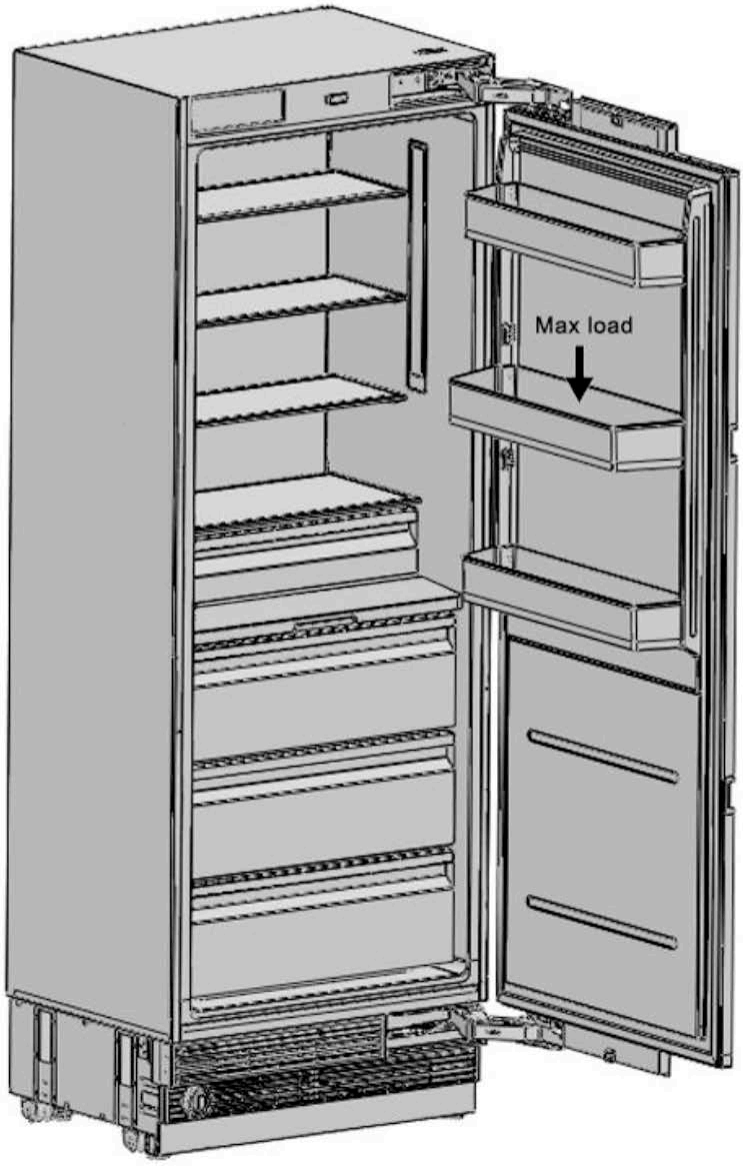
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Built-in Column

Pre-Installation Requirements - Door Load Bearing Capacity

Category	18”	24”	30”	36”
Max load	22lbs (10kg)	33lbs (15kg)	33lbs (15kg)	33lbs (15kg)





Built-in Column

Pre-Installation Requirements - Placement of Installation

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:

12" (3 cm) from electric hobs or ovens

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.

Do not install your refrigerator:
In open areas, In environments where water is dripping, or In environments where temperature is lower than 55° F (13°C).

Built-in Column

Pre-Installation Requirements - Placement of Installation

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.

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 ¾" (19 mm).

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.

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.

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.

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

Built-in Column

Pre-Installation Requirements - Tools Used for Installation



Cordless Drill



Safety Goggles



½" Wrench



Hammer



Ladder



Ø2.4 Drill bit



Ø8.0 Drill bit



Box Cutter



Safety Gloves



Tape measure



Cross bit



¼" Wrench Flat



Bubble Level Tool



Wheel barrow



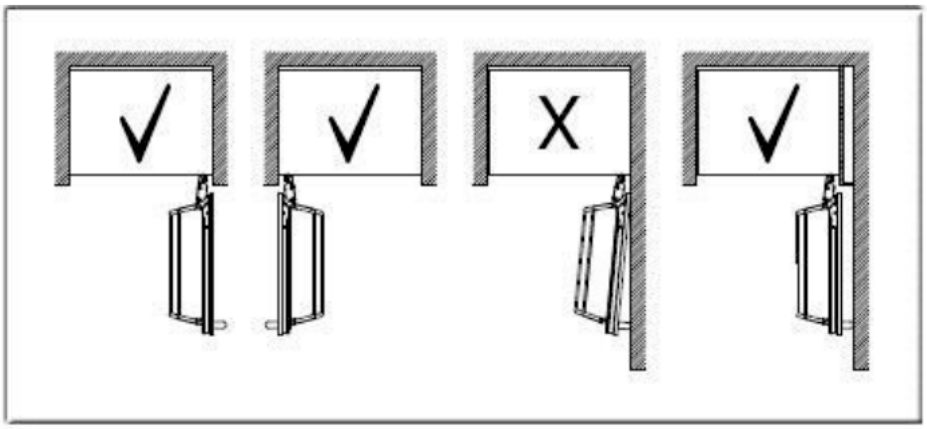
Tape

Built-in Column

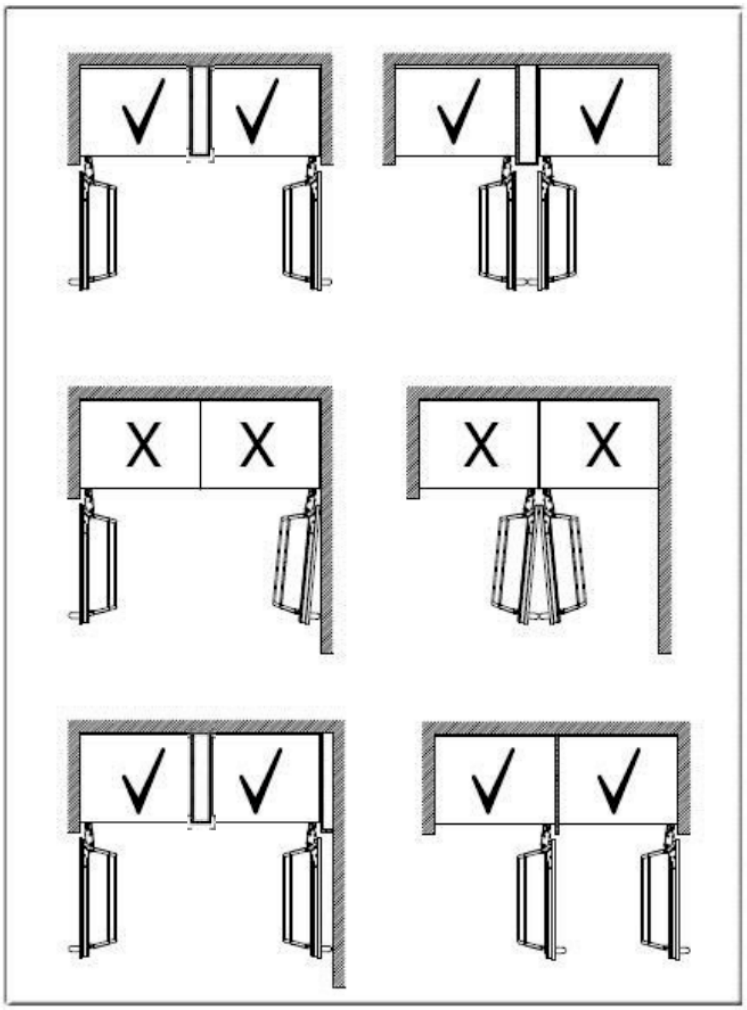
Pre-Installation Requirements - Alternatives for Installation

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 Column Placement Method



Dual Column Placement Method



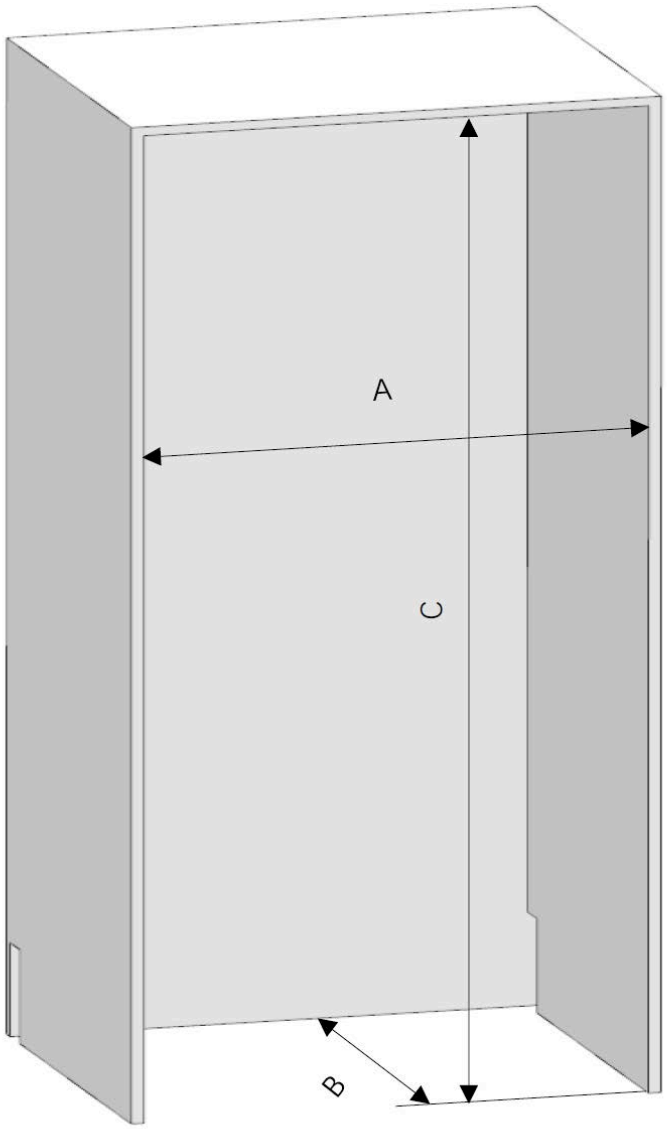
Built-in Column

Pre-Installation Requirements - Preparation for Installation

The instructions below have been prepared according to Built-in type. Built-in: The Appliance and Panels fully seat into the gap, and a material that can be their own box is jammed between the two kitchen cabinets or decorative columns.
This is the most common installation scenario.

Cabin Dimensions:

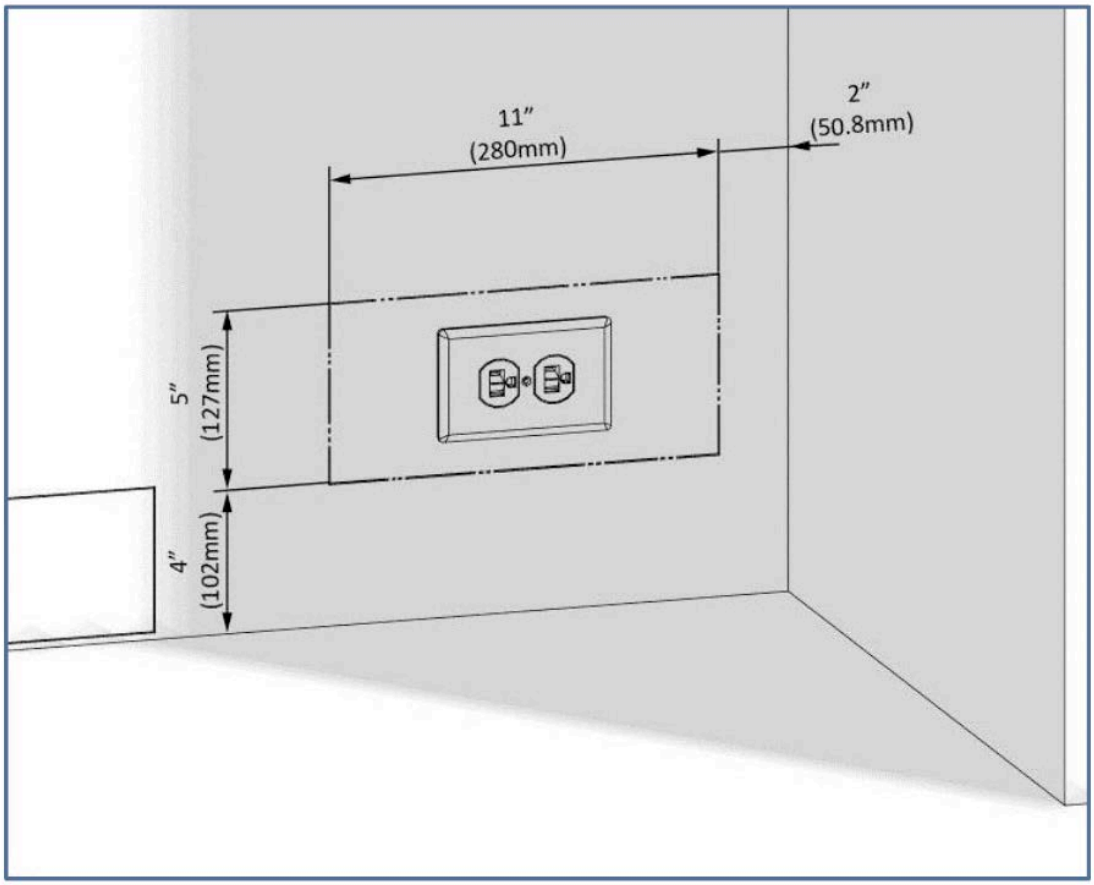
Category		18”	24”	30”	36”
A	width	18" (457mm)	24" (609mm)	30" (762mm)	36" (914mm)
B	depth	25" (635mm)	25" (635mm)	25" (635mm)	25" (635mm)
C	height	84" (2134mm)	84" (2134mm)	84" (2134mm)	84" (2134mm)



Built-in Column

Pre-Installation Requirements - Electrical Location

Location of the electrical wiring must be within the range given below. Do not use extension cables or two-pin adaptors and do not remove the ground terminal of the grounding cable. A qualified electrician must ensure that the poles of the socket are connected correctly. Verify that the grounding of the socket is correct.

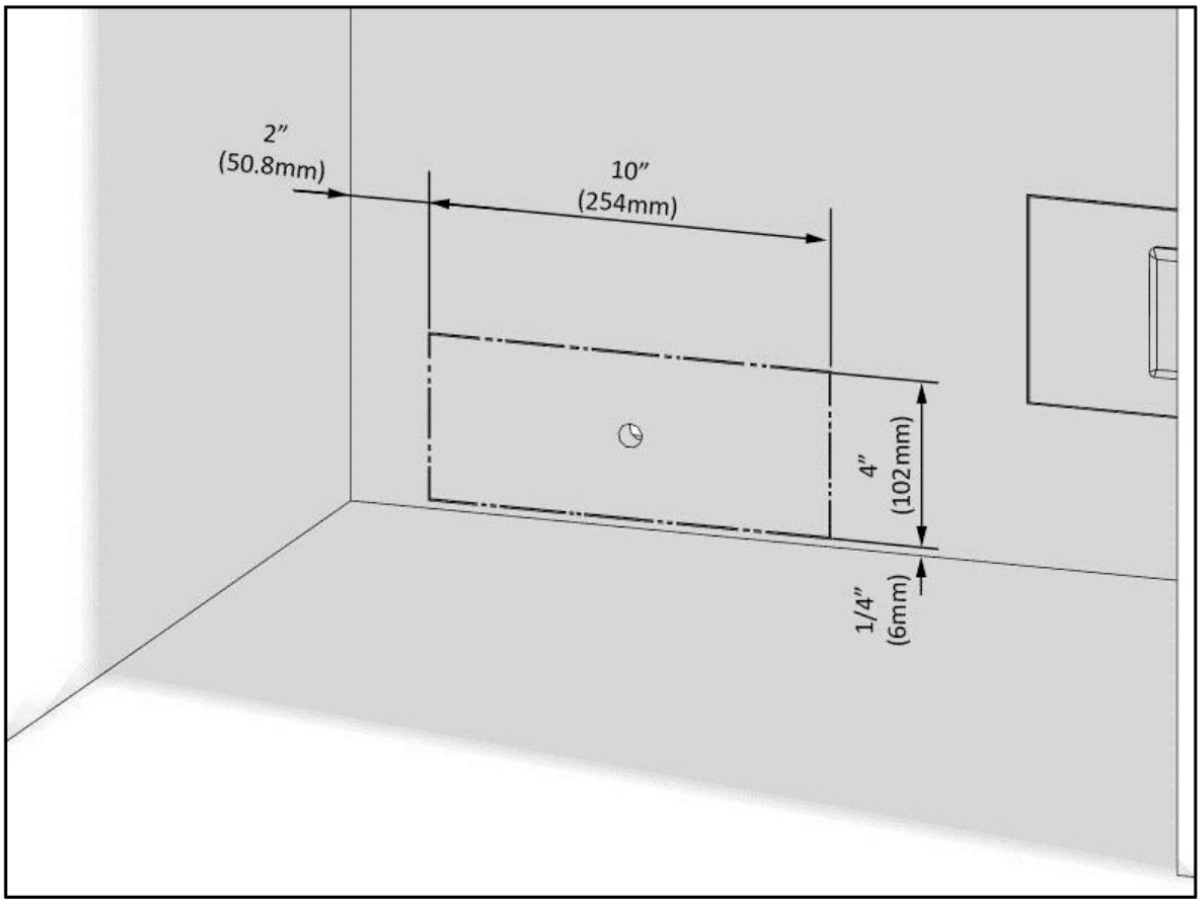


Built-in Column

Pre-Installation Requirements - Water Location

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.



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.

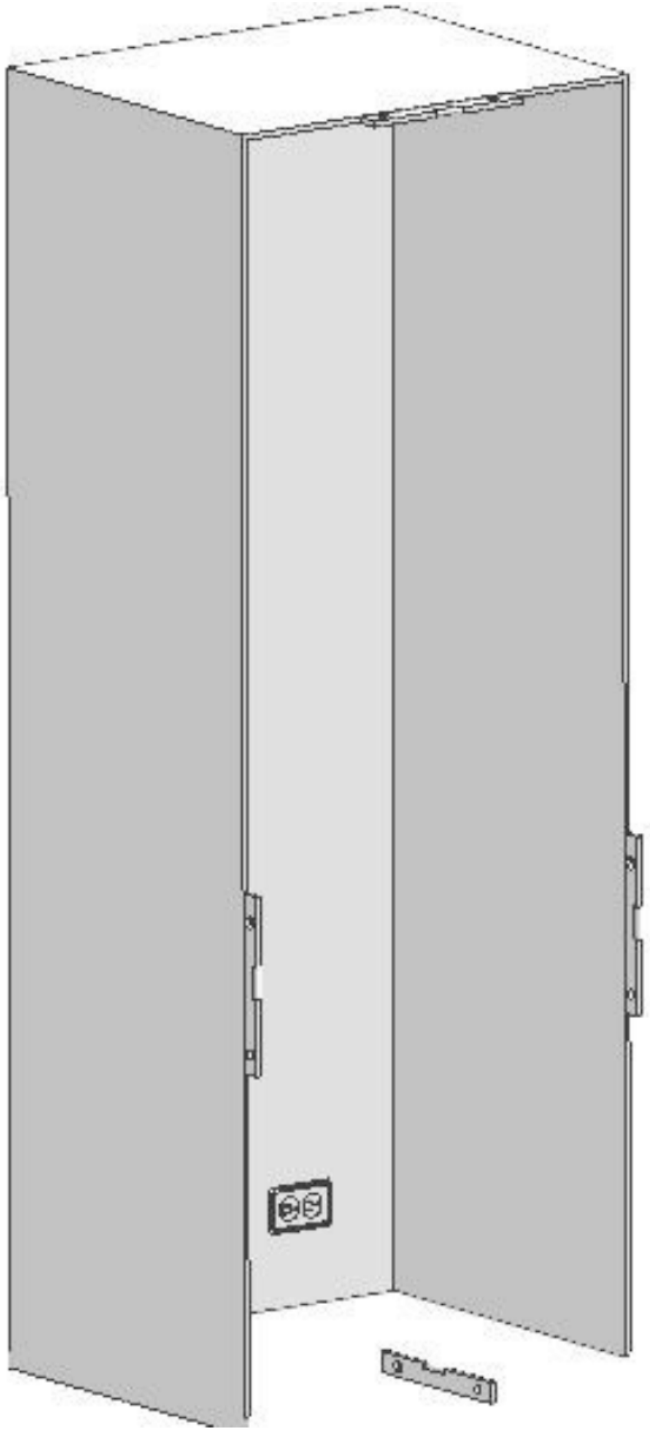
Built-in Column

Pre-Installation Requirements - Levelness of Location

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.



Built-in Column

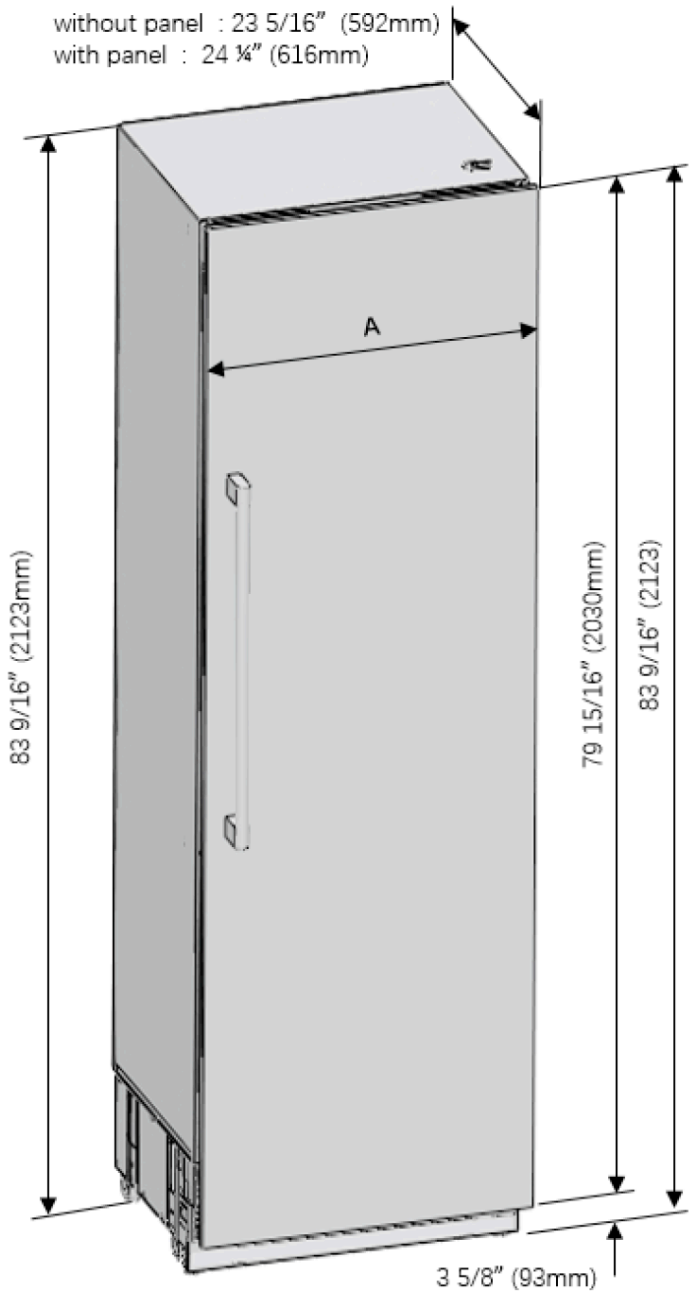
Pre-Installation Requirements - Product Dimensions

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.

Category	18”	24”	30”	30”
A	17 3/4" (451mm)	23 3/4" (603mm)	29 3/4” (756mm)	36 3/4” (908mm)



Built-in Column

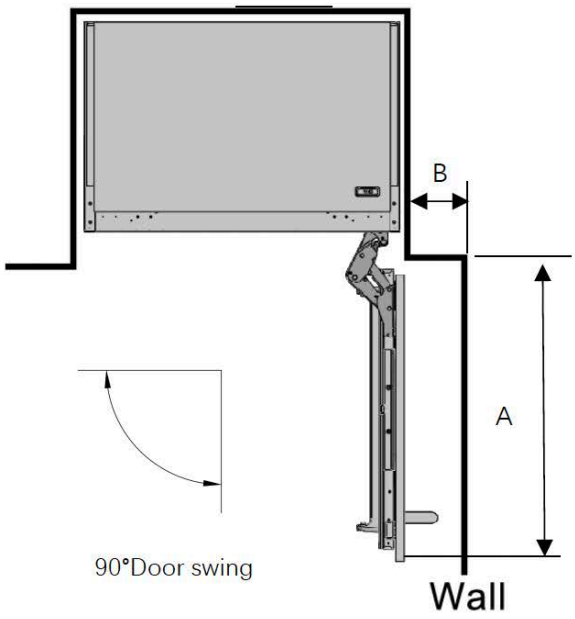
Pre-Installation Requirements - Install Dimensions

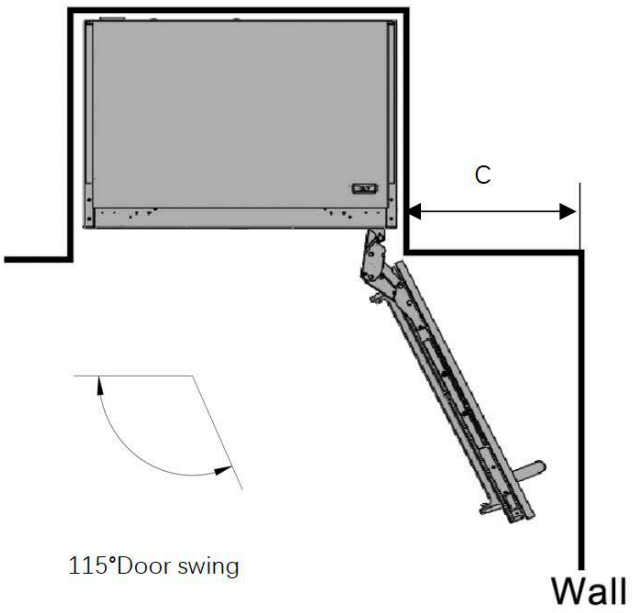
Category	18”	24”	30”	36”
A	20” (508)	26” (660)	32” (813)	38” (965)
B	4 3/8” (110)	4 3/8” (110)	4 3/8” (110)	4 3/8” (110)
C	11” (280)	14” (356)	16” (406)	19” (483)

A : Depth of door (90°open） measured from front of door

B : Minimum door clearance to adjacent wall (90°- reduced internal access)

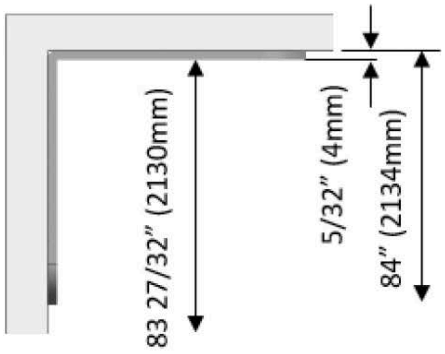
C : Minimum door clearance to adjacent wall (115°- full internal access)



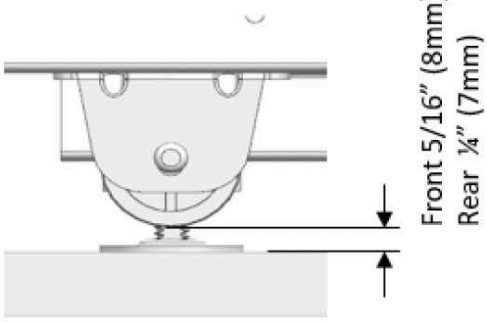


Built-in Column

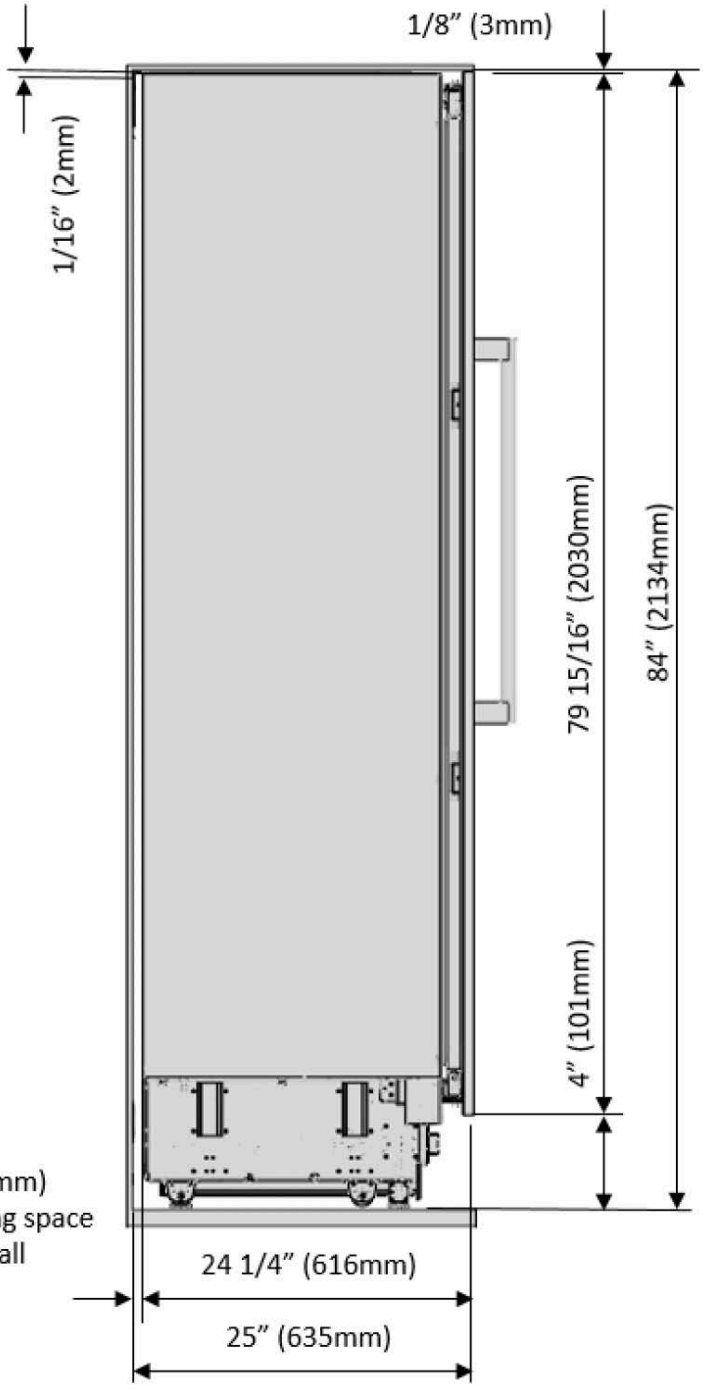
Pre-Installation Requirements - Install Dimensions



Anti tip bracket location

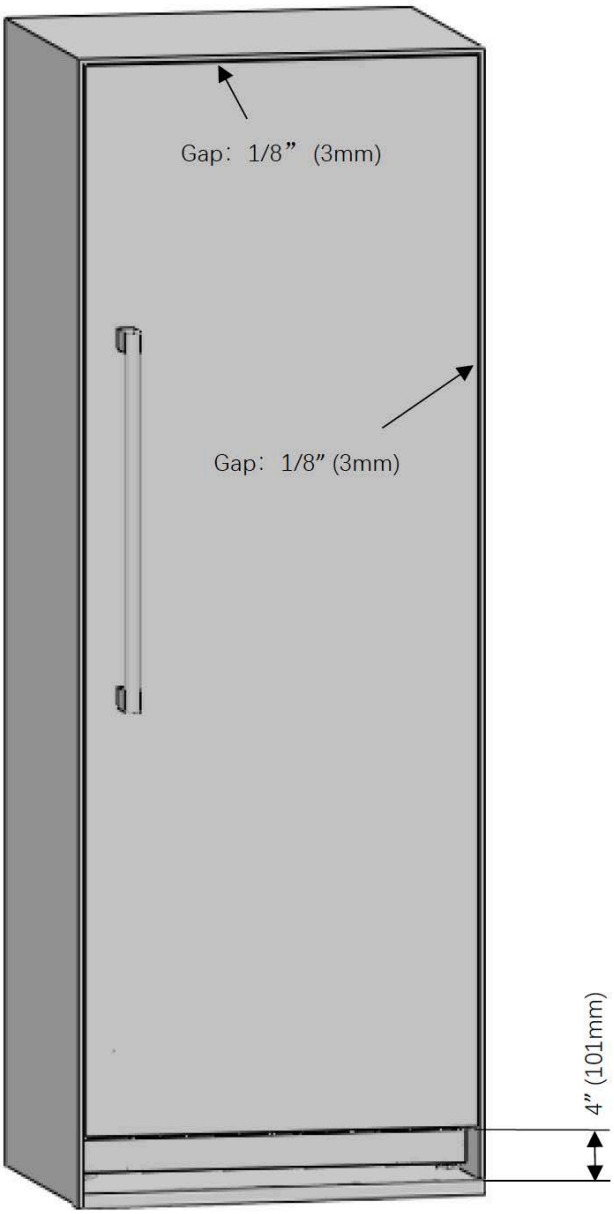


Minimum height
adjustment for leveling



Built-in Column

Pre-Installation Requirements - Install Dimensions

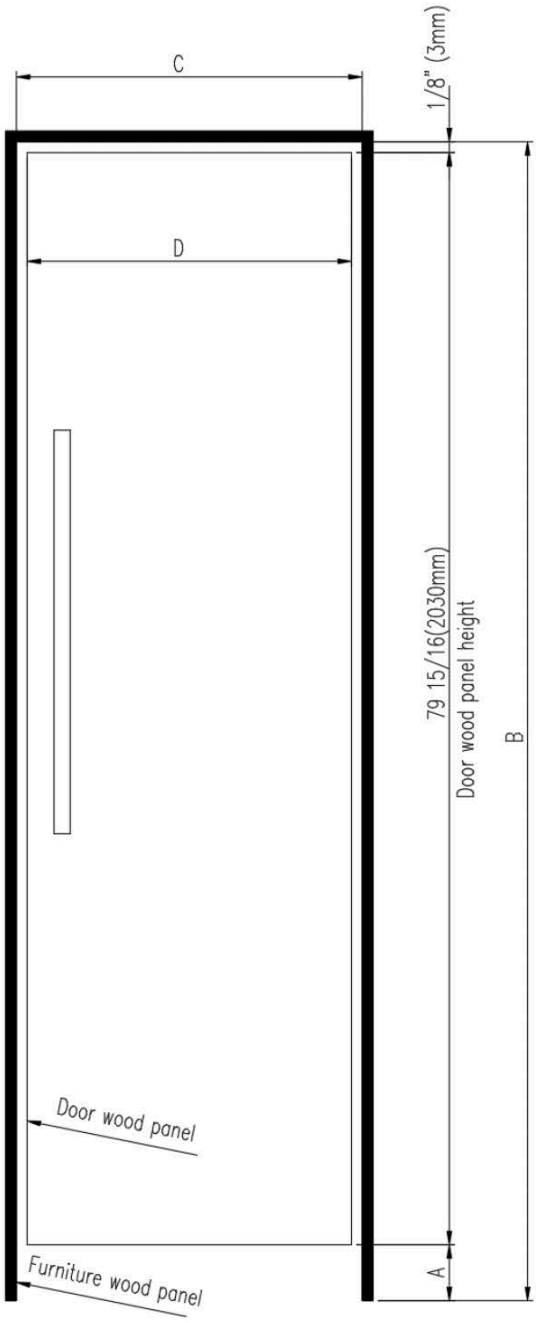


Height of the kitchen countertop based on the min/max. height of the cabin;

Category	A	B
standard	4” (101mm)	84” (2134mm)
minimum	3 3/4”(96mm)	83 13/16“ （2129mm）
maximum	5 3/8“ （136mm）	85 3/8“ （2169mm）

Built-in Column

Pre-Installation Requirements - Install Dimensions

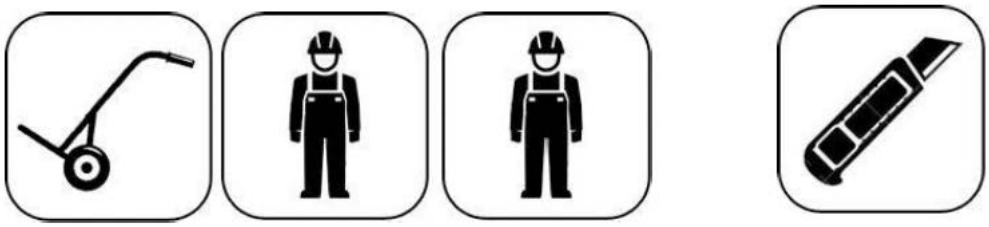


Category	18”	24”	30”	36”
C	18" (457mm)	24" (609mm)	30” (762mm)	36” (914mm)
D	17 3/4" (451mm)	23 3/4" (603mm)	29 3/4” (756mm)	35 3/4” (908mm)

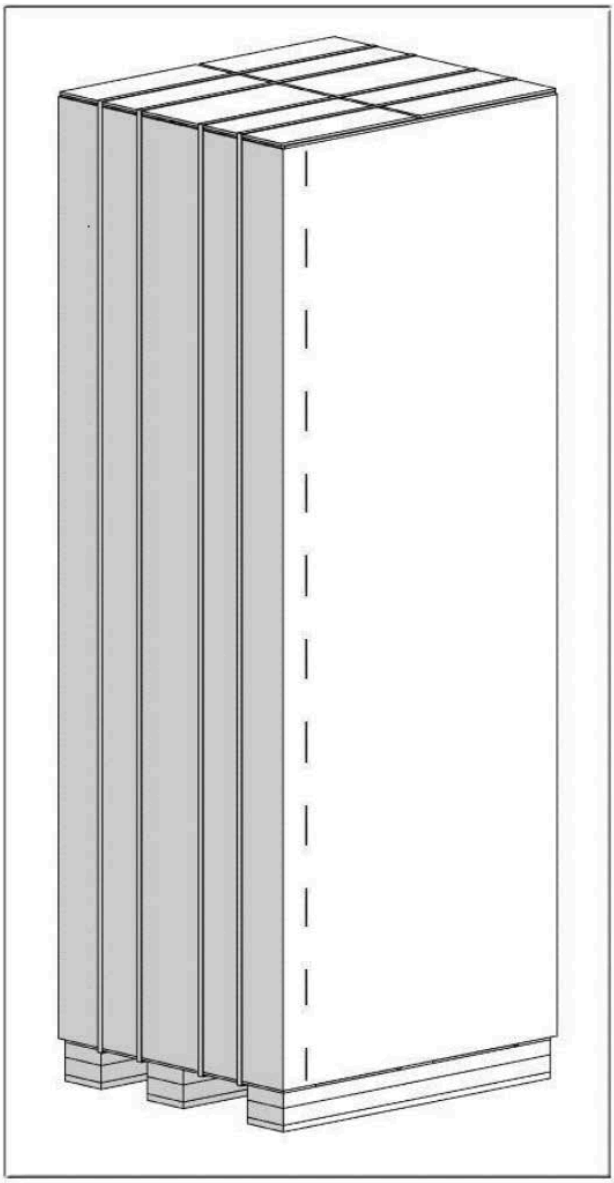
Built-in Column

Pre-Installation Requirements - Unpacking

At least two people must carry the refrigerator.



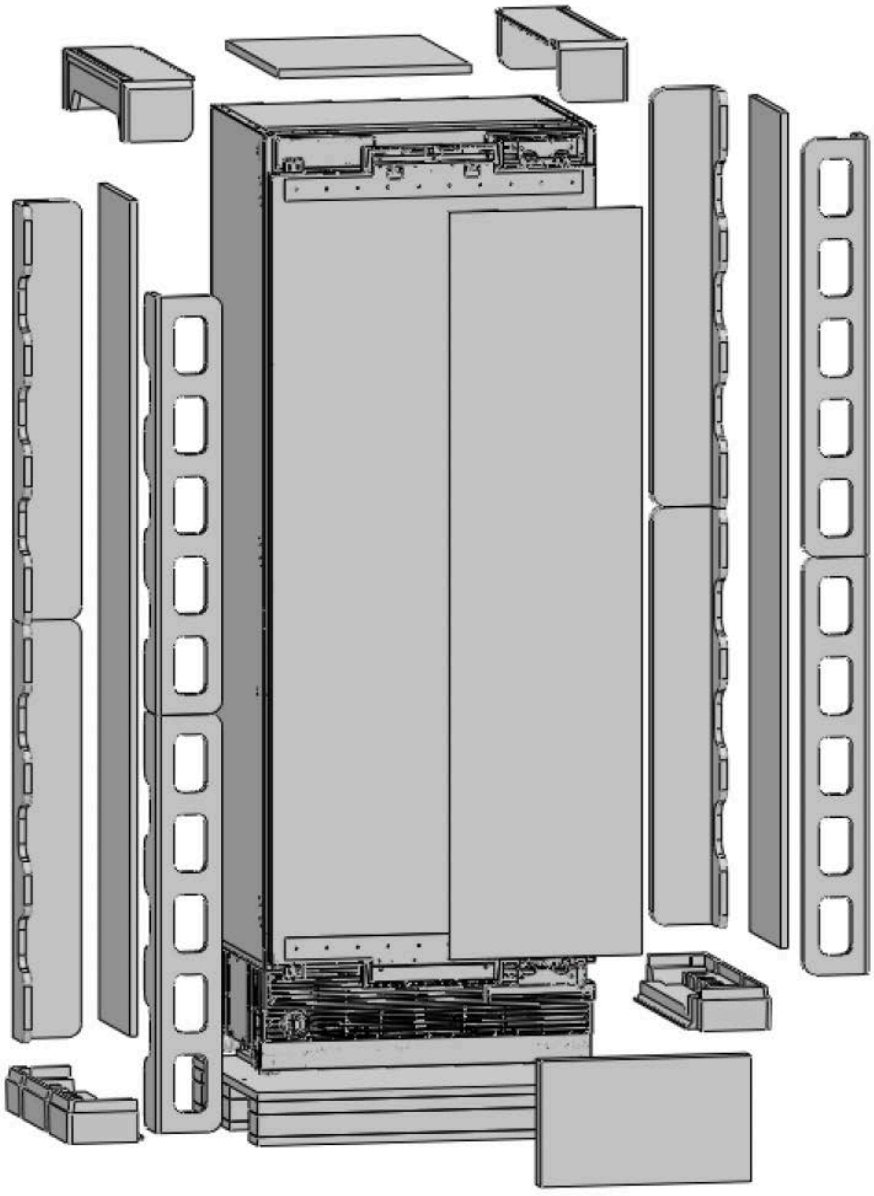
Use a box cutter to remove the tapes. Cut the Packaging Board with a Box Cutter through the section illustrated in dotted lines and remove it.



Built-in Column

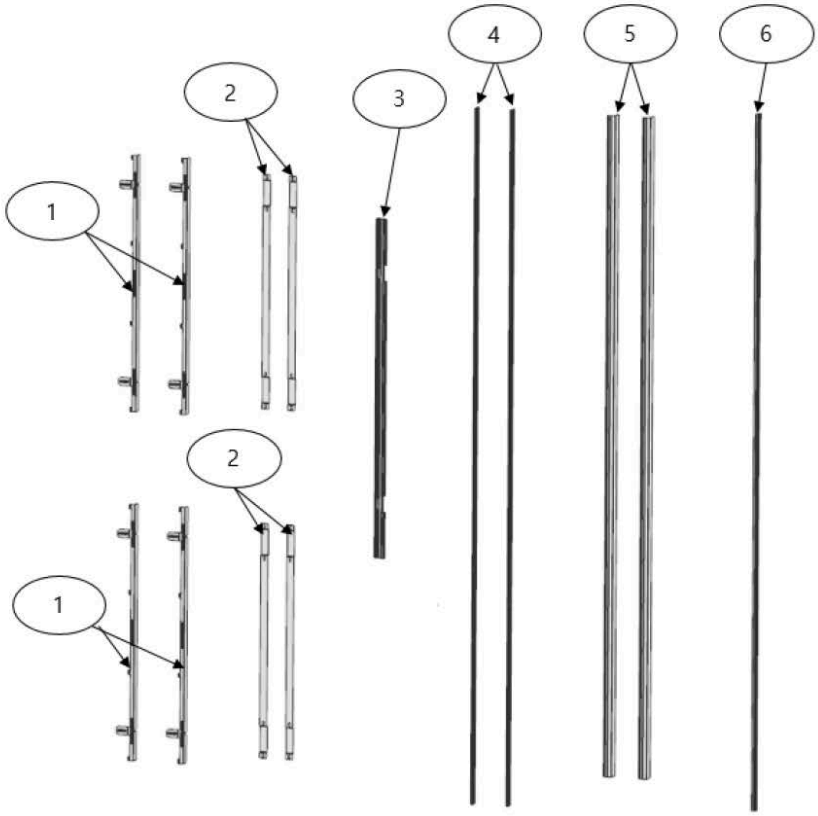
Pre-Installation Requirements - Unpacking

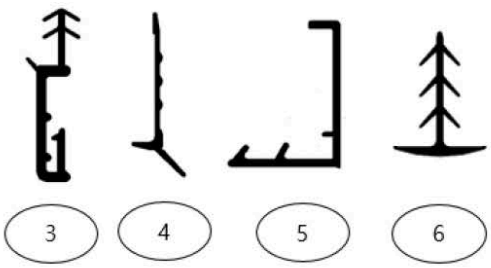
Do not remove the tape of the upper door on the product until the refrigerator is placed into the cabin.
Risk of tipping over.



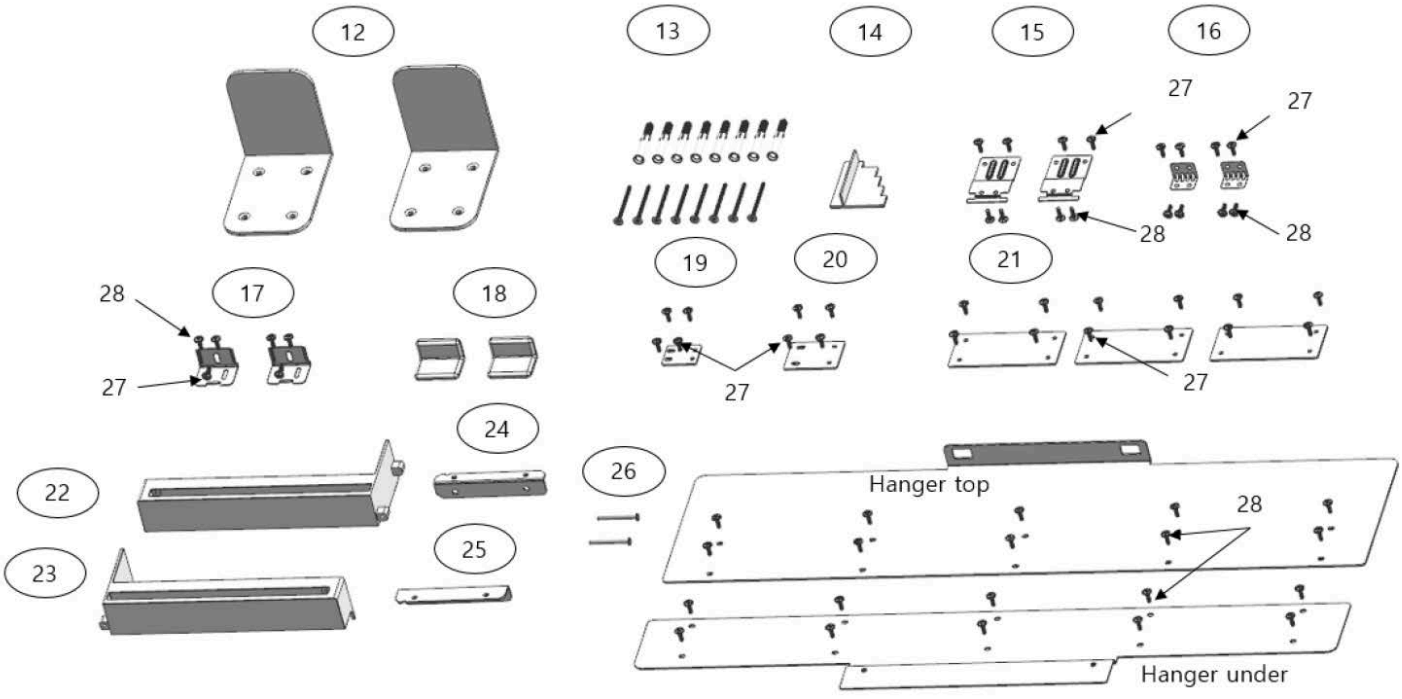
Built-in Column

Pre-Installation Requirements - Mounting Parts Preparation





Insulation sponge	7
Custom panel template top	8
Custom panel template side A	9
Custom panel template side B	10
Custom panel template under	11



Built-in Column

Pre-Installation Requirements - Mounting Parts List

No	Part name	Spec	18"	24"	30"	36"	Remark
1	Door bracket side	T1.2,L=690.5, Cr+zn-coating	4	4	4	4	
2	Custom panel bracket side	T1.0*20*632,Cr+zn-coating	4	4	4	4	
3	Cabin top trim	PVC extrusion L=457	1	-	-	-	
	Cabin top trim	PVC extrusion L=609	-	1	-	-	
	Cabin top trim	PVC extrusion L=762	-	-	1	-	
	Cabin top trim	PVC extrusion L=914	-	-	-	1	
4	Cabin side trim	PVC extrusion L=1,874	2	2	2	2	
5	Custom panel side trim	PVC extrusion L=1,781	2	2	2	2	
6	Cabinet center trim	PVC extrusion L=1,874	1	1	1	1	Dual cabin
7	Insulation sponge	T3.0*400*1750	1	1	1	1	Dual cabin
8	Custom panel template top	Paper, 908*303	1	1	1	1	
9	Custom panel template side A	Paper, 887*127	1	1	1	1	
10	Custom panel template side B	Paper, 970.5*127	1	1	1	1	
11	Custom panel template under	Paper, 908*283	1	1	1	1	
12	Anti-tip bracket	T4.0, Cr+zn-coating	2	2	2	2	
13	Anti tip bracket screws and dowels	M8*L60	8	8	8	8	
14	Position adjustment jig	hips	1	1	1	1	
15	Cabinet bracket top	T1.0, Cr+zn-coating	2	2	2	2	
16	Cabinet bracket under	T1.0, Sus	2	2	2	2	
17	Door bracket	T1.0, Cr+zn-coating	2	2	2	2	
18	Cover door bracket	hips	2	2	2	2	
19	Fastener A	T2.0*43*29, Cr+zn-coating	1	1	1	1	Dual cabin
20	Fastener B	T2.0*56*41, Cr+zn-coating	1	1	1	1	Dual cabin
21	Fastener C	T2.0*56*41, Cr+zn-coating	3	3	3	3	Dual cabin
22	Air vent hinge part left	hips	1	1	1	1	For right hinge
23	Air vent hinge part right	hips					For left hinge
24	Door hinge bracket left top	T2.0, Cr+painting	1	1	1	1	For right hinge
25	Door hinge bracket left under	T2.0, Cr+painting					For left hinge
26	90° limit pin	Ø4	2	2	2	2	Door 90°opening
27	Cross washer head screw	M4x12, cross washer head	30	30	30	30	Fixing press part
28	Counter sunk head screw	M4X14, cross flat head	32	32	32	32	Fixing wood part

Built-in Column

Pre-Installation Requirements - Mounting Parts List

Screw quantity in detail.

Item no.		15	16	17	19	20	21	Hanger top	Hanger low	Total
Screw	No 27	4	4	2	4	4	12	-	-	30
	No 28	4	4	4	-	-	-	10	10	32



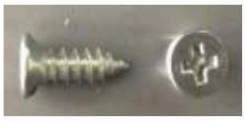
No 13

- Anti tip bracket screws
- dowels



No 27

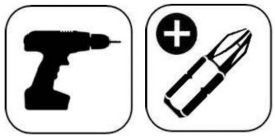
- Cross washer head screw
  Spec : M4x12
  Fixing press part Such as door and cabin.

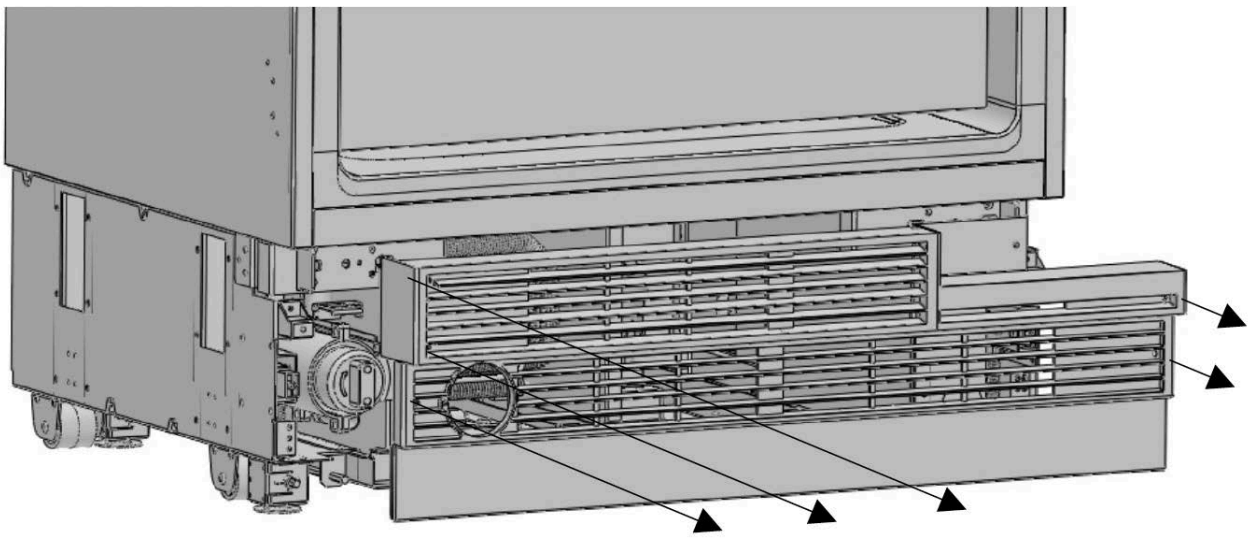


No 28

- Counter sunk head screw
  Spec : M4x12
  Fixing wood part such as furniture

Pre-Installation Requirements - Removing Vent Hole Assembly





Built-in Column

Installation - Mounting the anti-tip brackets

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

Please observe the following:

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

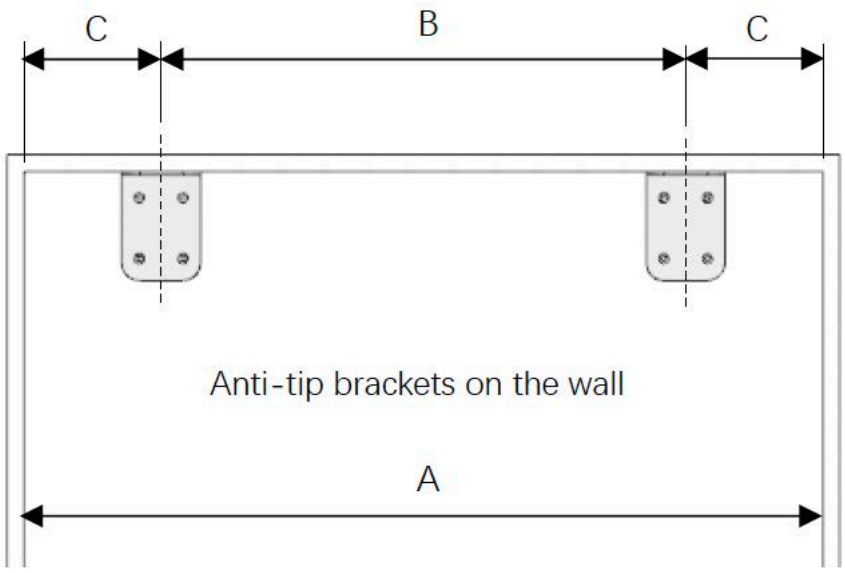
For Canada, The Canadian Electrical Code, C22.1 – last version/State or Municipality directives and/or regional directives.

Mounting the anti-tip brackets

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

Make sure that there is no electrical or water connection where the screws will be tight and connections will be established.

Please remember to use the necessary protective equipment when drilling holes on the wall and performing installation.
Mark the wall for anti-tip brackets (item No.12).



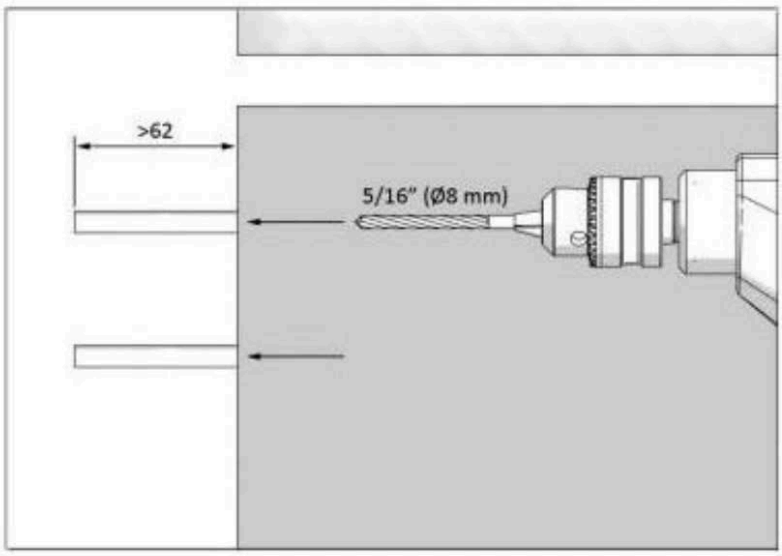
Category	18”	24”	30”	36”
A	18” (457mm)	24” (609mm)	30" (762mm)	36" (914mm)
B	11 5/8 (295mm)	17 5/8 (447mm)	23 5/8" (600mm)	23 5/8" (600mm)
C	3 3/16" (81mm)	3 3/16" (81mm)	3 3/16" (81mm)	6 3/16" (157mm)

Built-in Column

Installation - Mounting the anti-tip brackets

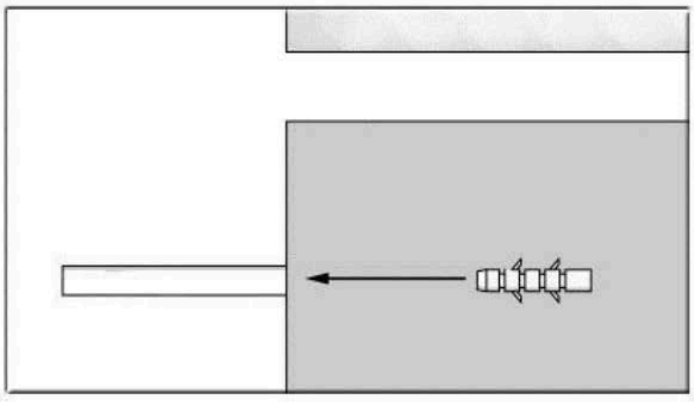
Use a drill to create holes for dowel at the marked points. (5/16” -Ø8)





Use the hammer to fit the dowel (item No.13)

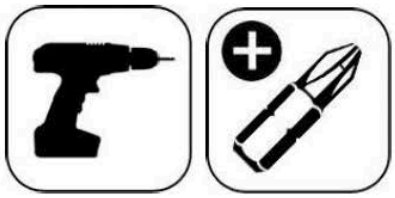


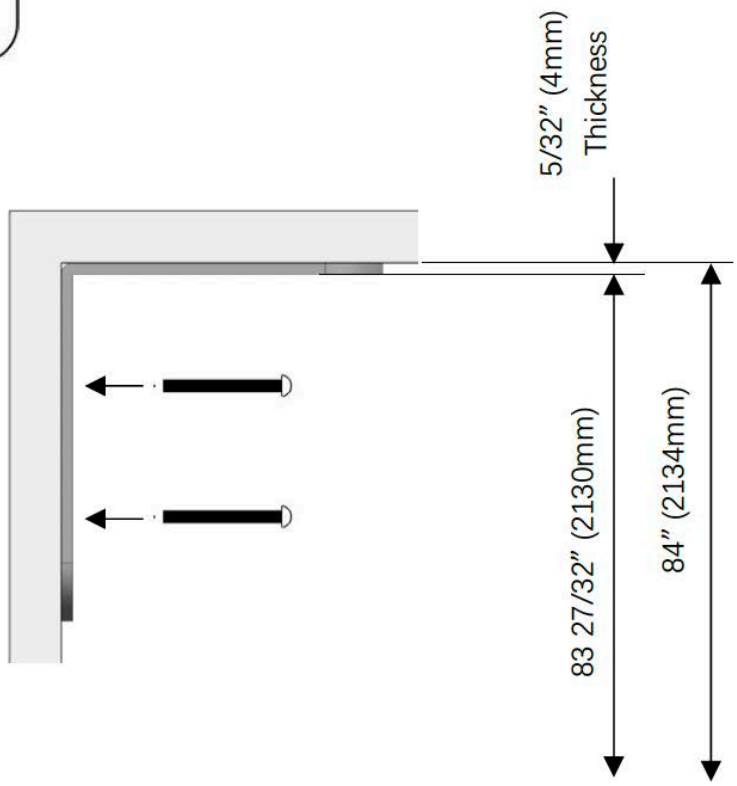


Built-in Column

Installation - Mounting the anti-tip brackets

Fit the anti-tip bracket (item No.12) into their places, using 4 screws(item No.13) for each. You must use all of the 2 brackets to ensure safety of the product.





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.

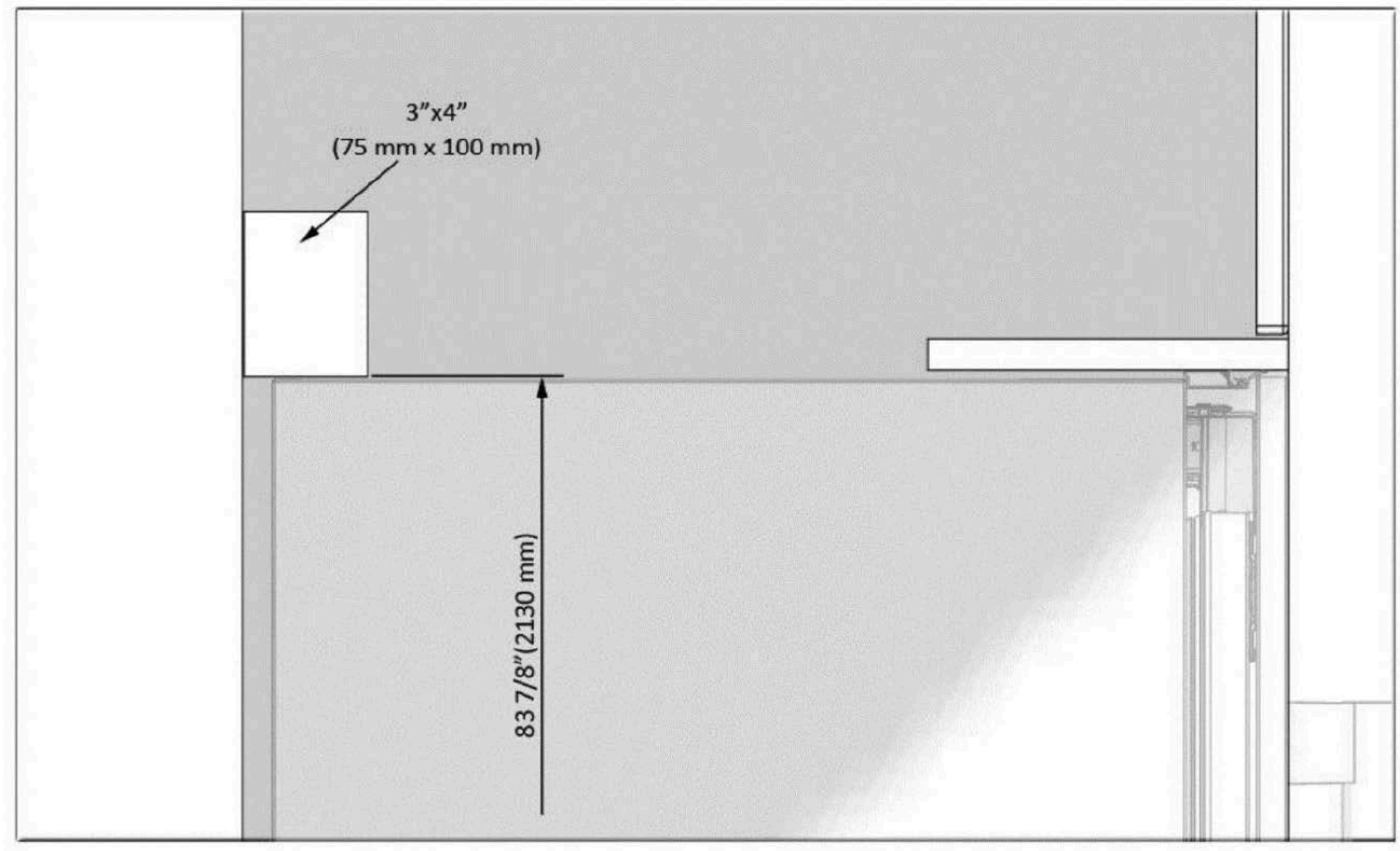
Built-in Column

Installation - Alternative Anti-Tip Brackets

If the anti-tip brackets cannot be connected securely, you must use the alternative method below. In this method, you can use wooden girders to avoid the risk of tipping over. It must be installed as illustrated in the figure below. There must be no clearance between the product and the wooden girder.

Minimum section dimensions of the wooden girder must be 3”x4” (75 mm x 100 mm). Width of the girder must be equal to the clearance where it will be installed. An additional girder must be used if the niche depth is more than anticipated. The wooden girder must contact the product with a maximum size of 2” (50.8 mm). To determine the location for the wooden girder, mark it on the rear wall, select suitable screws and connect safely.

Number and features of the screws to be used for the wooden girder must be determined so that there is no safe connection.



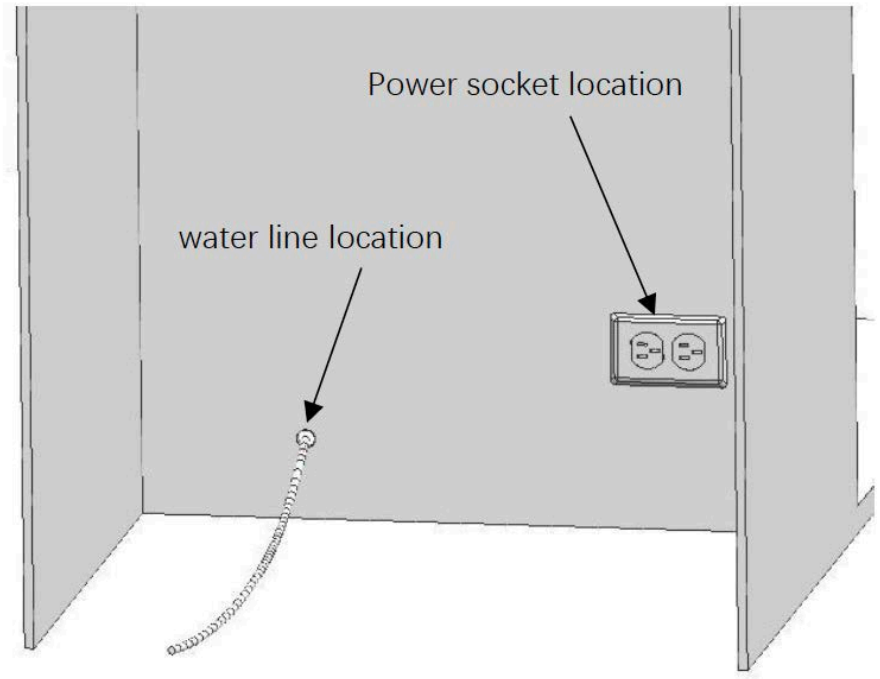
Built-in Column

Installation - Water Line and Power Socket

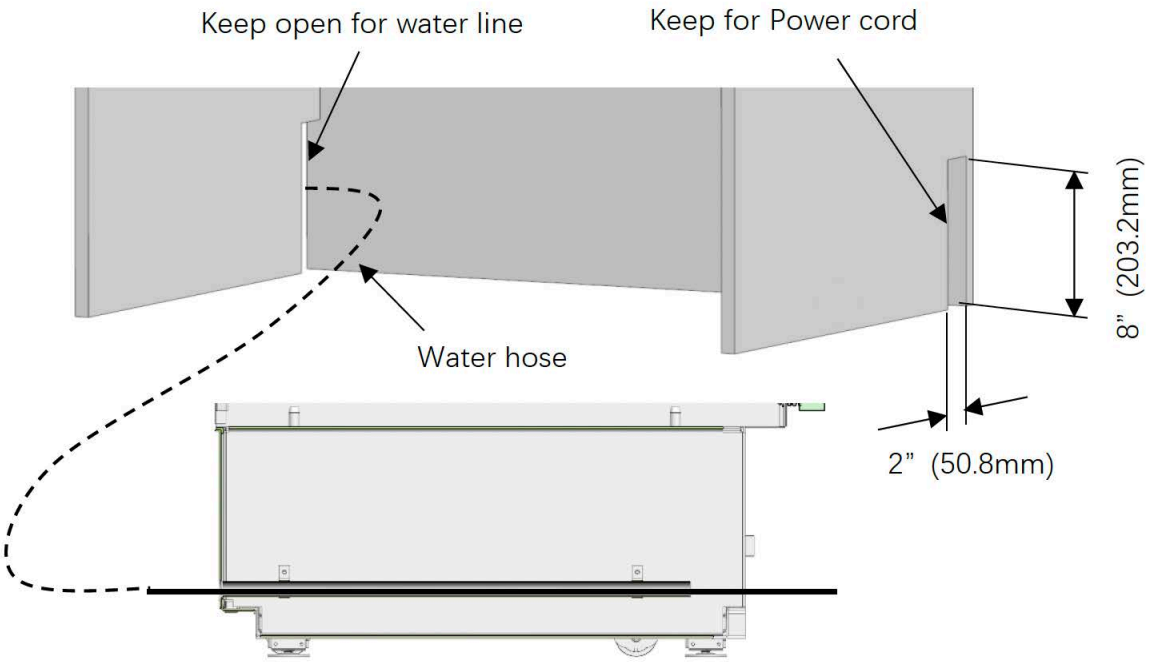
You will need a hose with a minimum length of 60" (1.5 meters) and a diameter of ¼" for water connections of the product during installation.

A connector that has a thread with an external diameter of ¼ must be used to connect the hose end to the product. You can choose the method A or method B below to prevent the cable from gettting jammed.

Method A - Locate the water hose and power supply on the back:



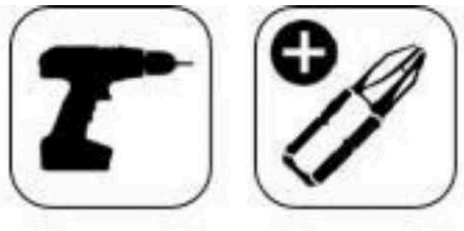
Method B - Locate the water hose and power supply on the side:

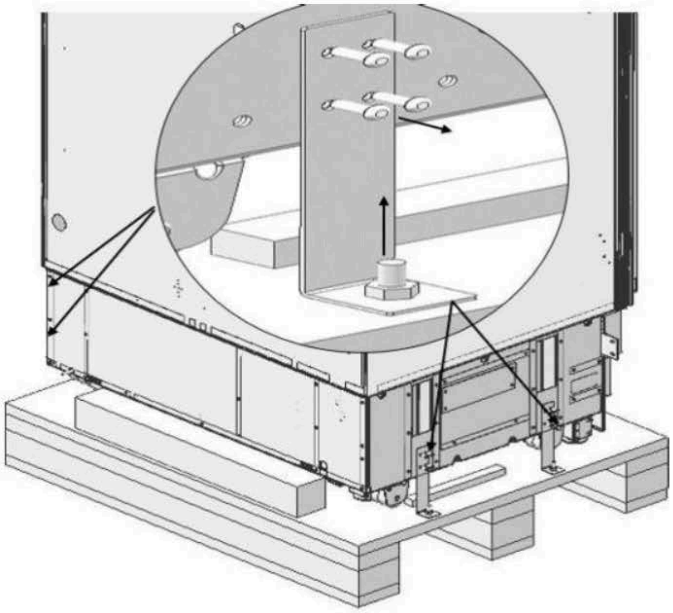


Built-in Column

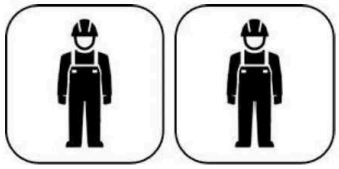
Installation

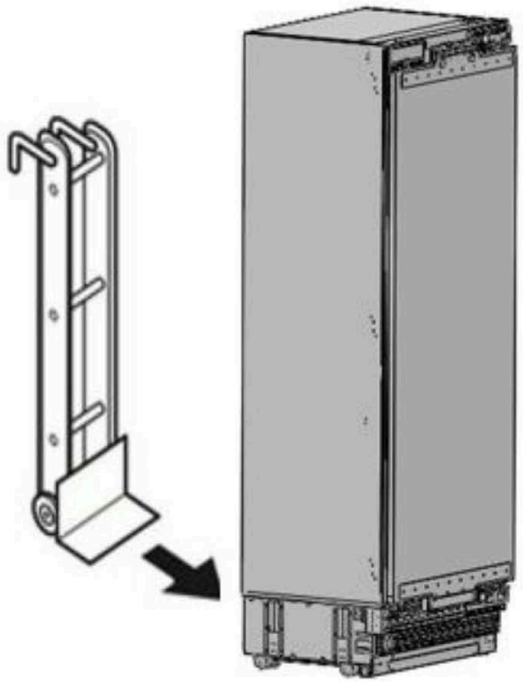
Remove the brackets that connect the refrigerator to the Wooden Pallet.





Recline the refrigerator slowly and pull back with the help of the cart, and then land it. The risk of tipping over is high as of this point. You should not open the doors until the product is placed into the cabin.

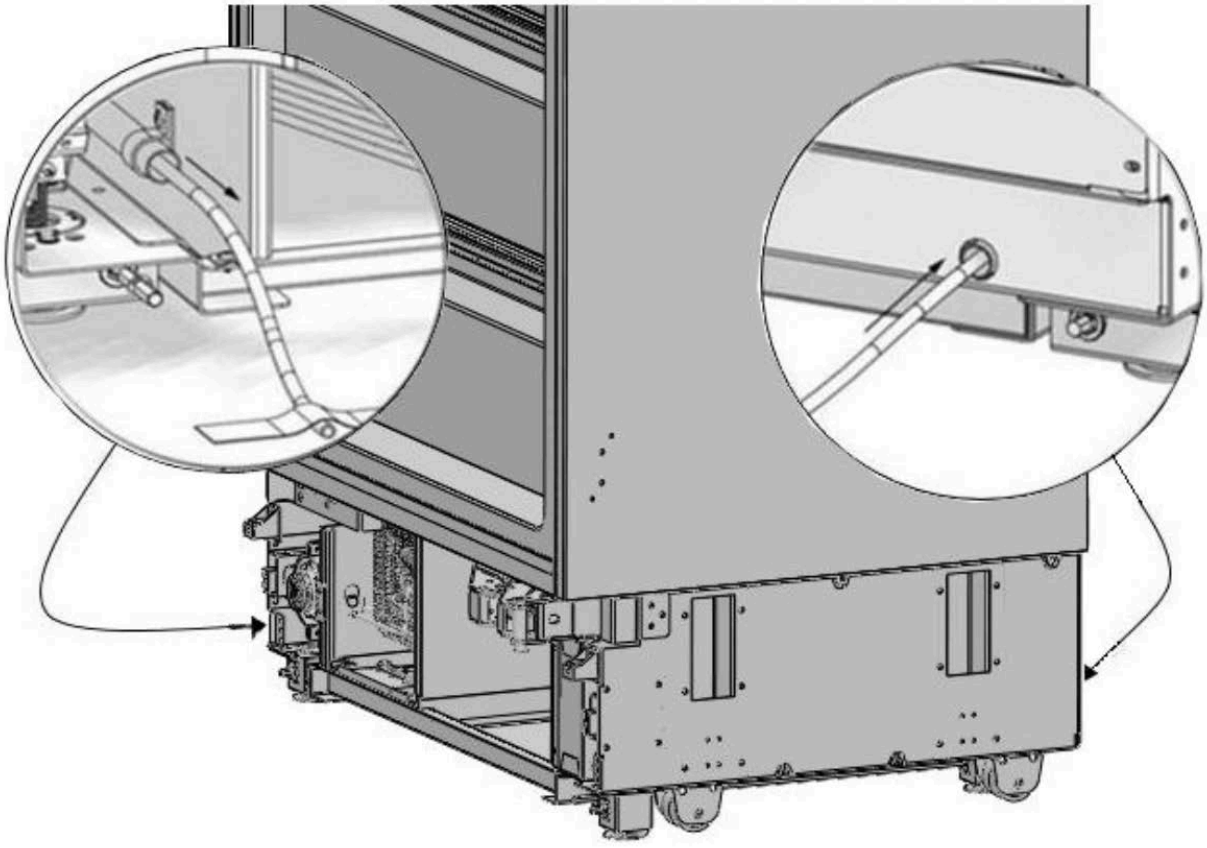




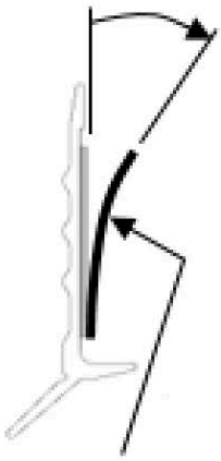
Built-in Column

Installation

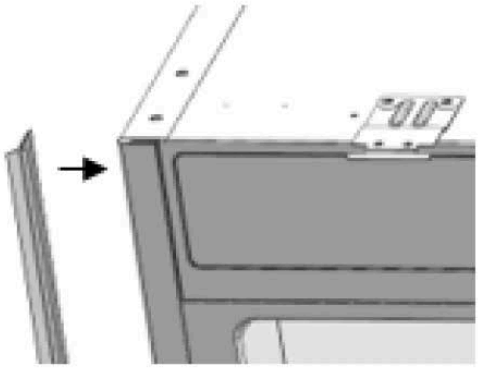
Insert the mains water hose into the duct at the back and take it out from the front.

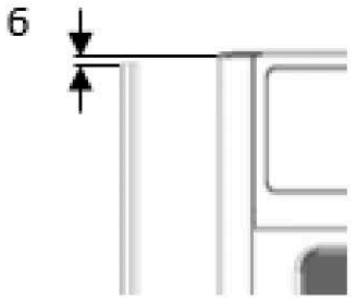


Attach (furniture side trim (Item No.4).



Remove paper

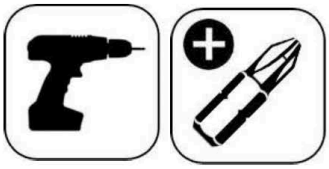


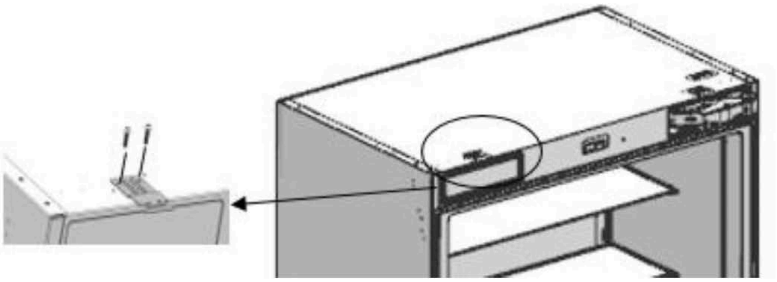


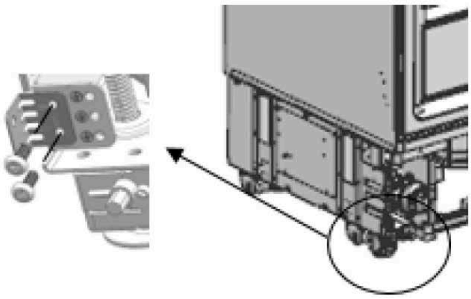
Built-in Column

Installation

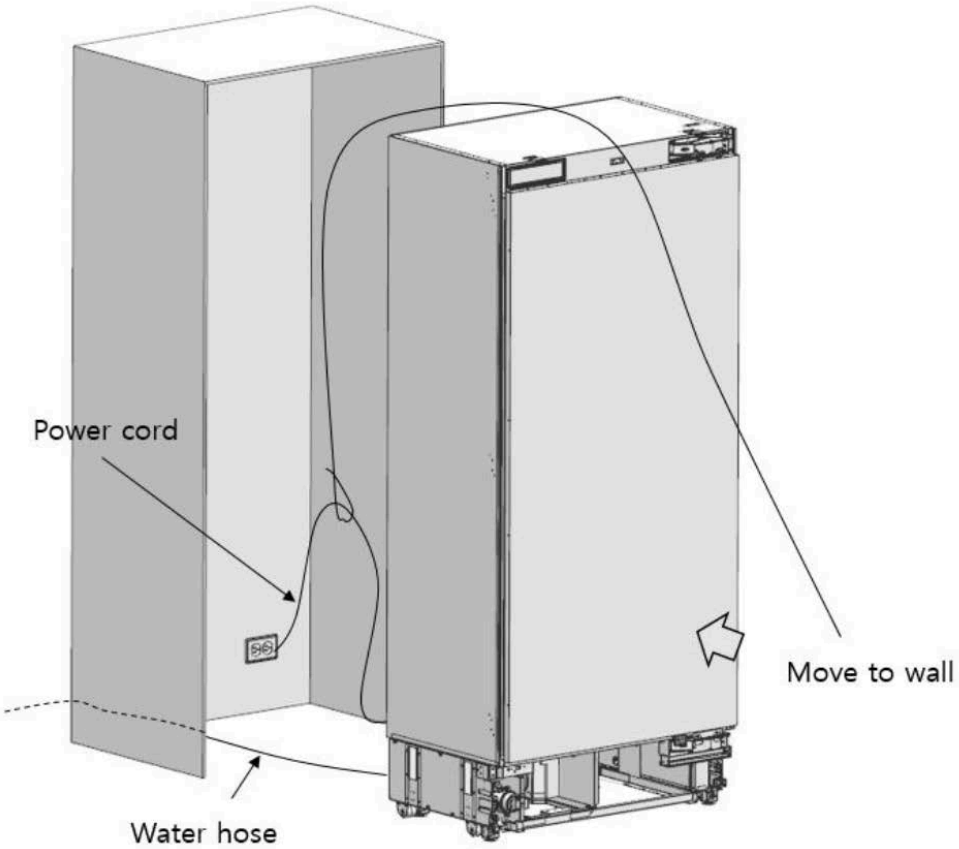
Screwing the cabinet bracket on the cabinet. Screw the cabinet bracket top (Item No.15) on the cabinet.
Screw the cabinet bracket under (Item No.16) on the cabinet.







Apply the below method to prevent the cable from getting jammed. Start the refrigerator and make sure it is energized. (You can check if the lamps compartments are on or off to see if the product is operating).



You can use tape and similar protectors on parts you think this is necessary to protect the edges of the furniture when placing the product.

WARNING
The plug of the product must be accessible after installation. If the plug is not accessible after installation,
the power must be cut off from the main switch.

WARNING
Make sure that the mains cable is not jammed when placing the product.

Push the product carefully towards the cabin to place it.

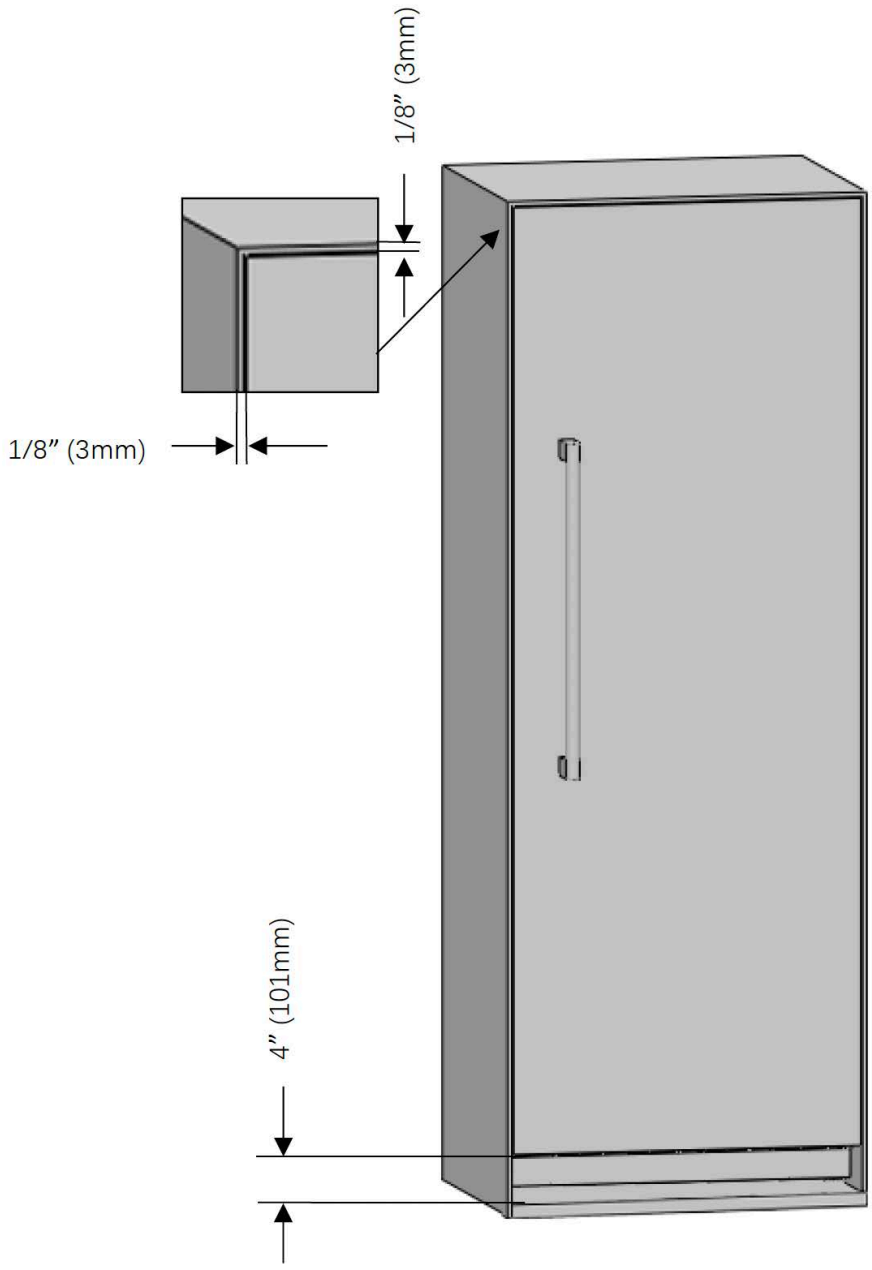
If there is strain during the placement of the product into the cabin:

The floor might be rough or uneven
Adjustable feet might be loose
(please see the relevant section to learn how to adjust the adjustable feet).

Built-in Column

Installation

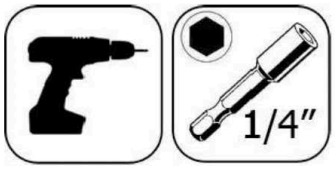
You must use the upper edges of the door when aligning the product with the furniture. Adjustment of other edges are explained in the following pages.

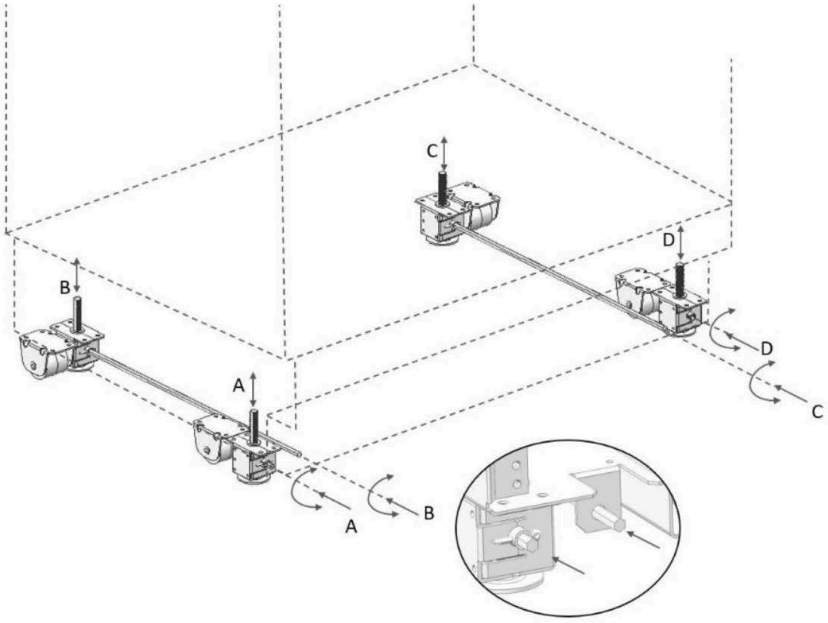


Built-in Column

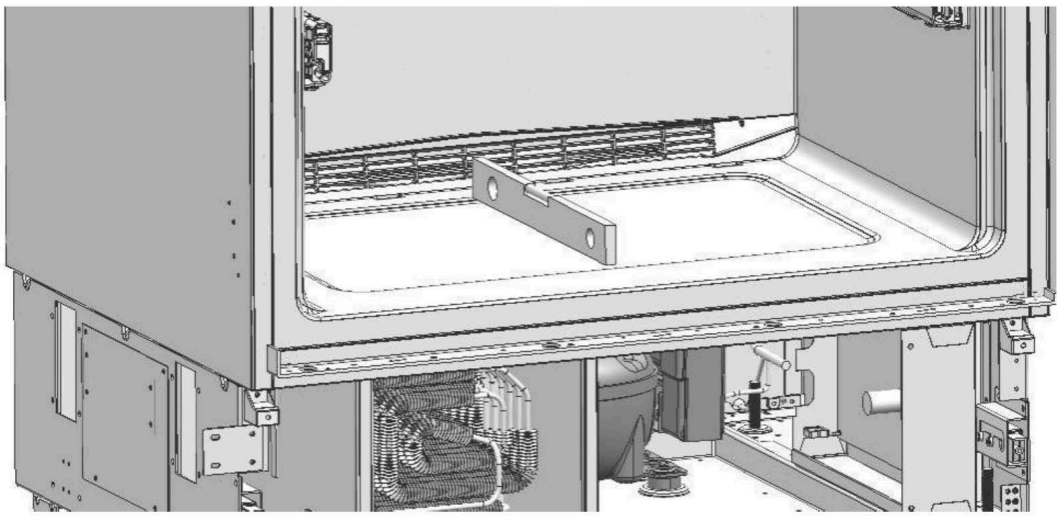
Installation - Height Adjustment

Adjust the refrigerator height using the adjustable feet.





First of all, 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
After adjusting the adjustable feet, check the flatness in both width and depth directions.

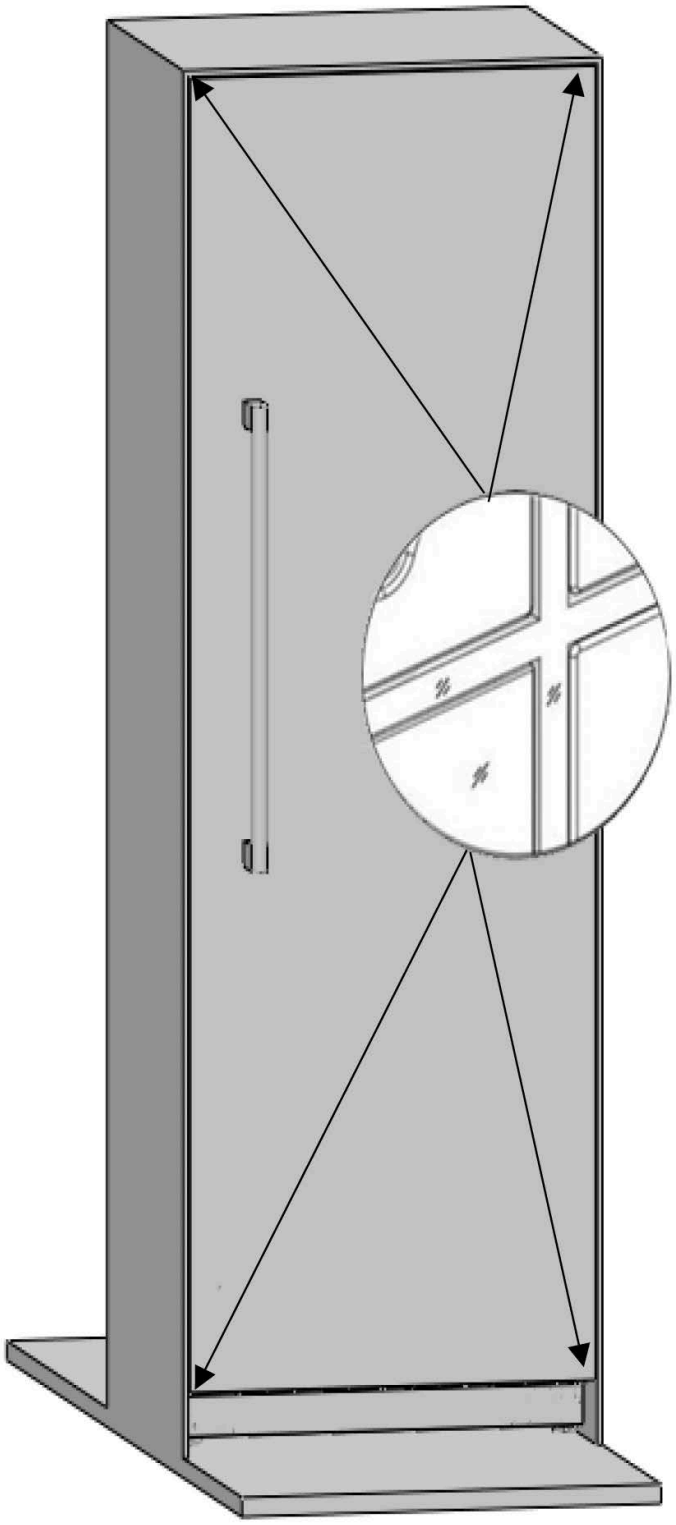


The maximum height that the adjustable feet can reach is 1 9/16” (40 mm) and the product height is 85 3/8” (2,169 mm)

Built-in Column

Installation - Panel Adjustment

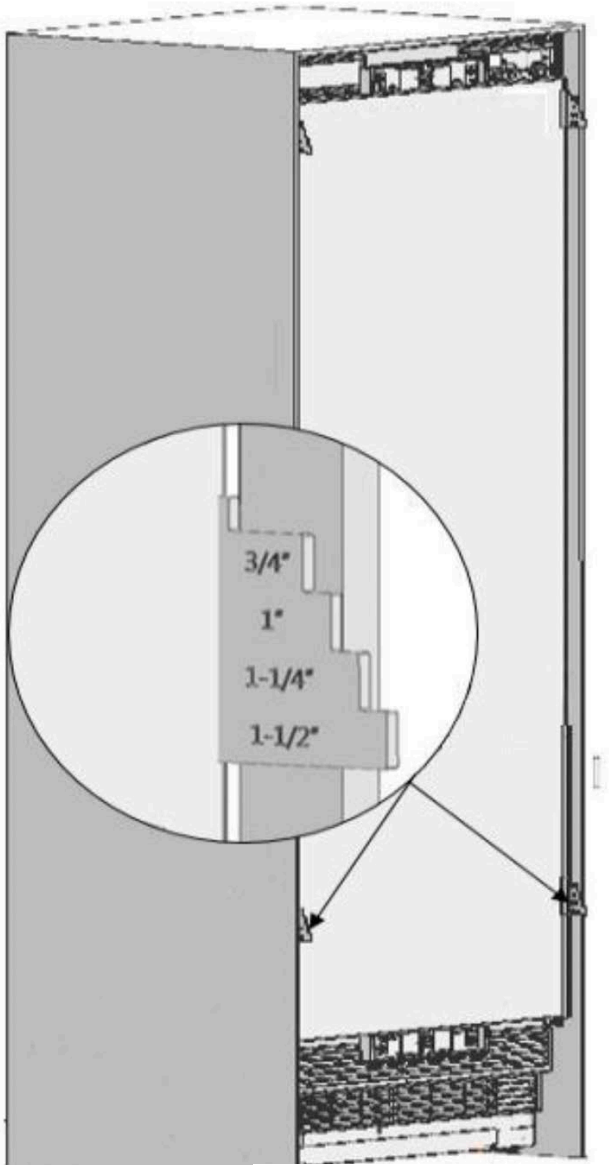
For product with custom panel, the position of the Refrigerator is adjusted so that the custom panel and the furniture surface are flush. You can also use gage if necessary.



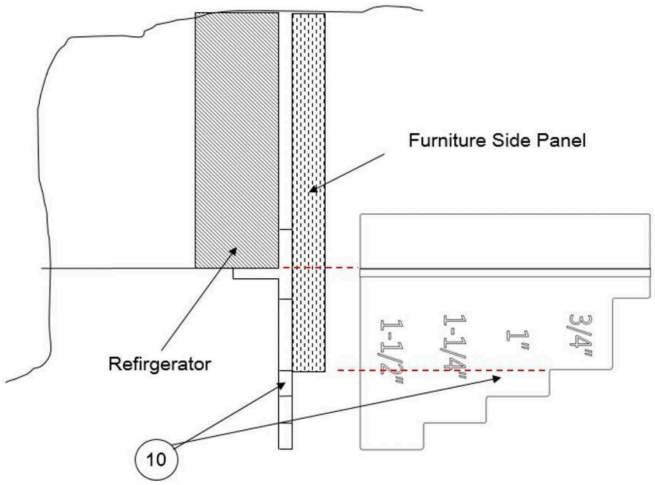
Built-in Column

Installation - Panel Adjustment

For products without custom panel, the product is placed using the position adjustment jig (item No.14) as shown in the figure below.



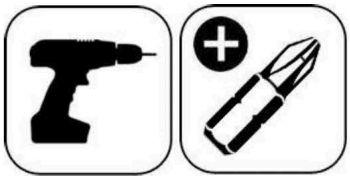
Position adjustment jig (item No.14) must be adjusted according to the thickness of the door. It can adjust the level for 4 different custom panel thickness levels.

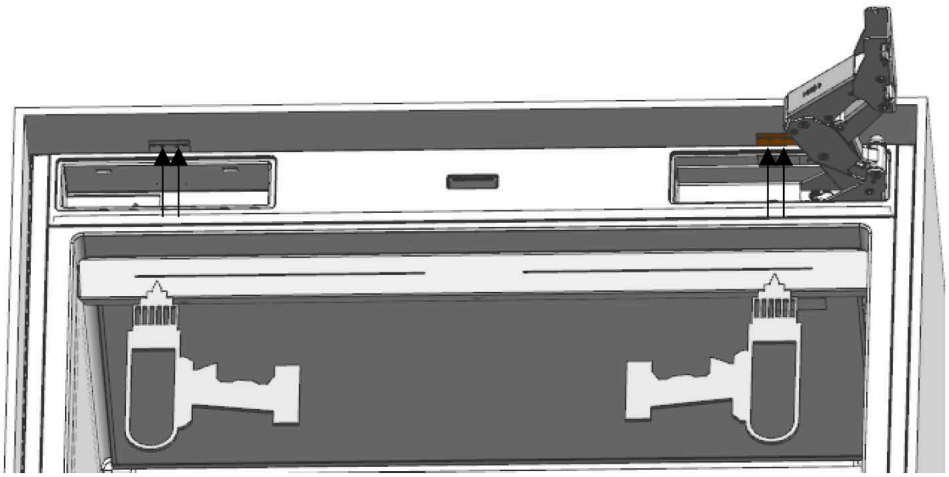


Built-in Column

Installation - Upper and Lower Brackets

Fix cabinet bracket top (Item No.15) to the top of the cabin. Use the counter sunk head screws (Item No.28) to tighten.

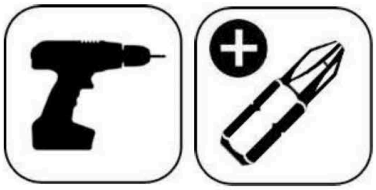


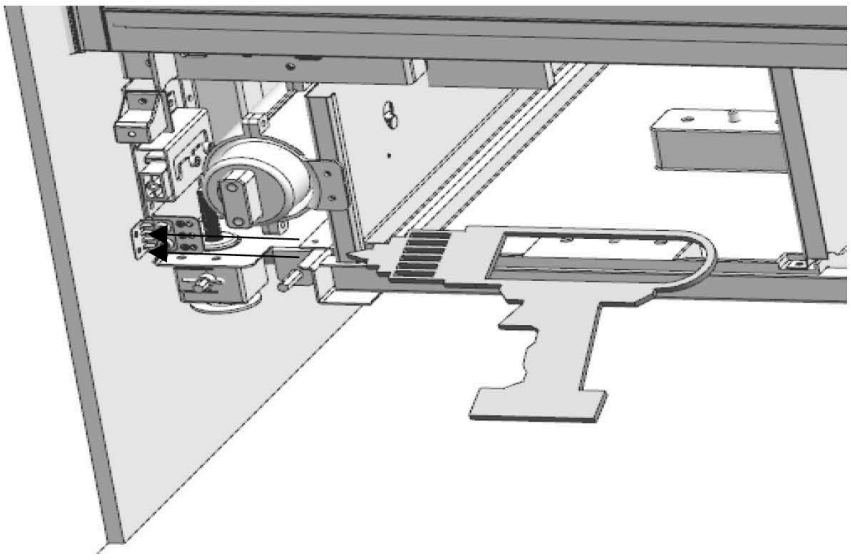


WARNING
Before starting to screw Upper brackets lower brackets, please make sure that water is supplied to the product and there is no water leakage.

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

IMPORTANT INFORMATION
If you have difficulty tightening the screws, opening a reference hole with the drill will make this procedure easier
Fix cabinet bracket under (Item No.16) to the cabin lowerboth side with 4screws (Item No.28).

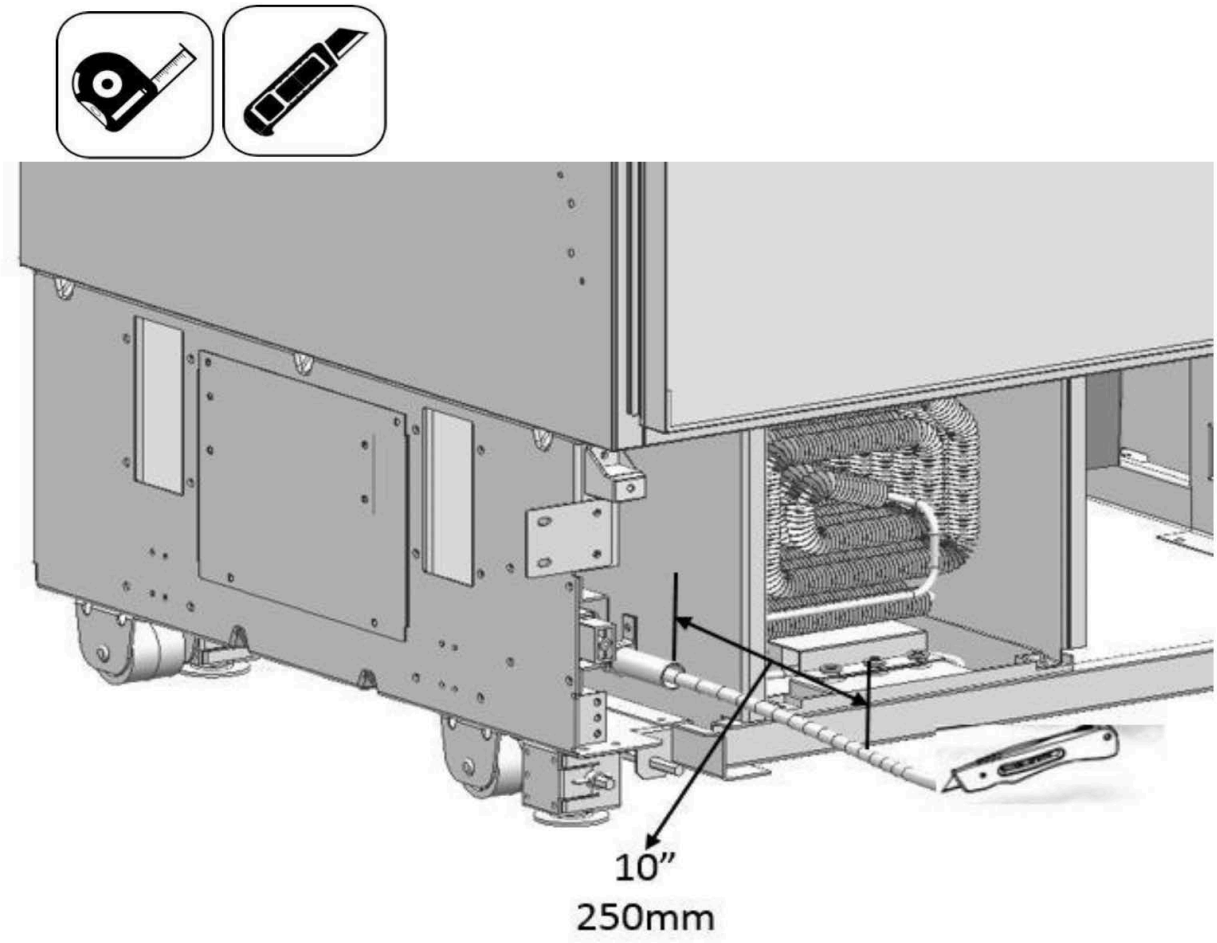




Built-in Column

Installation - Installing the Cabin Bottom

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.



NOTE: We suggest adding a water shut off valve here for when you need to turn off water it can be accessed from front of unit rather than pulling the entire refrigerator out of the cabin.

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

WARNING
The hose coming from the mains must be one piece. Do not use extension hoses.

WARNING
Make sure that the power is cut off when making the water connection of the product.

WARNING
The water valve must be off when connecting the water hose.

WARNING
It is recommended that the water on/off valve remains accessible after installing the product.

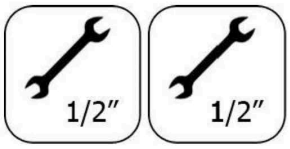
WARNING
This product is suitable for use with cold water mains only.

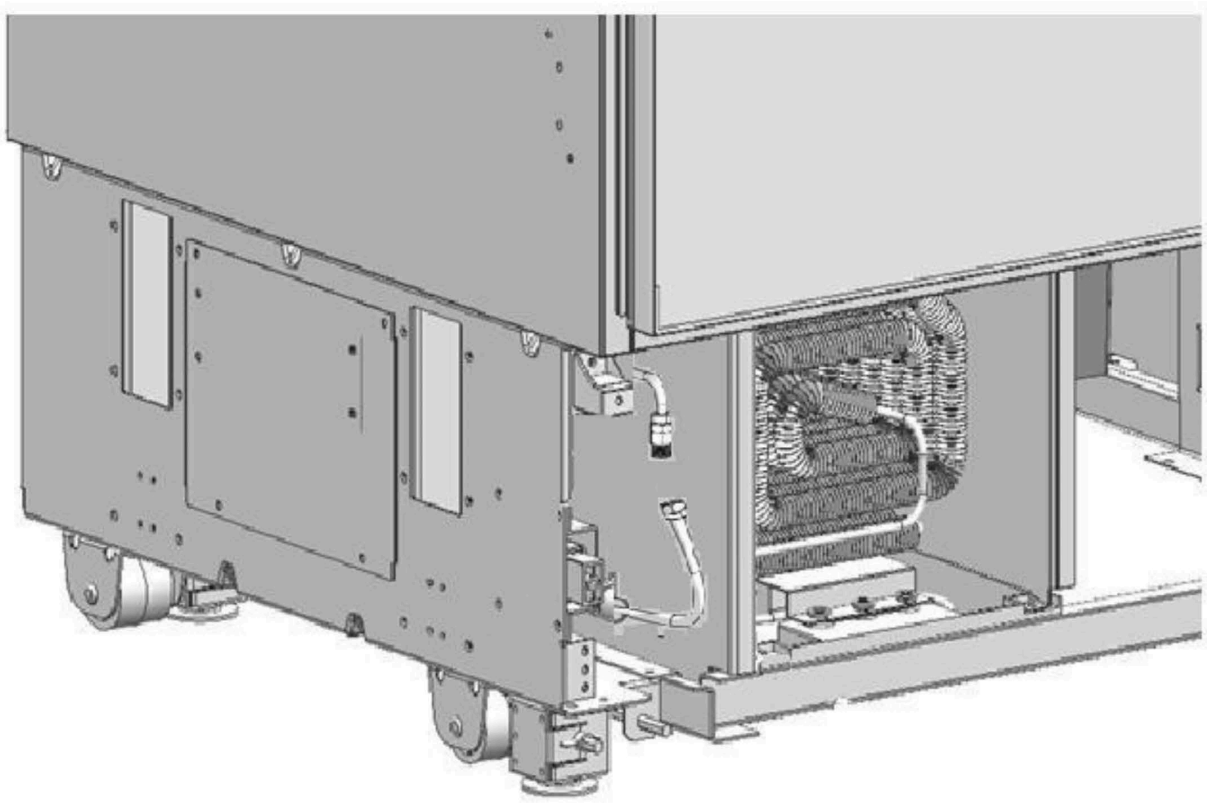
WARNING
Pressure of the water system must be between 25-80 psi (1.7-5.5 Bar).

Built-in Column

Installation - Installing the Cabin Bottom

Once the connection is complete, you must turn on the main water valve and make sure that there is no leakage at that point.

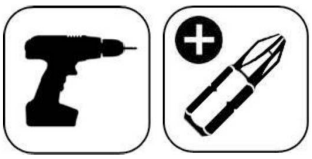


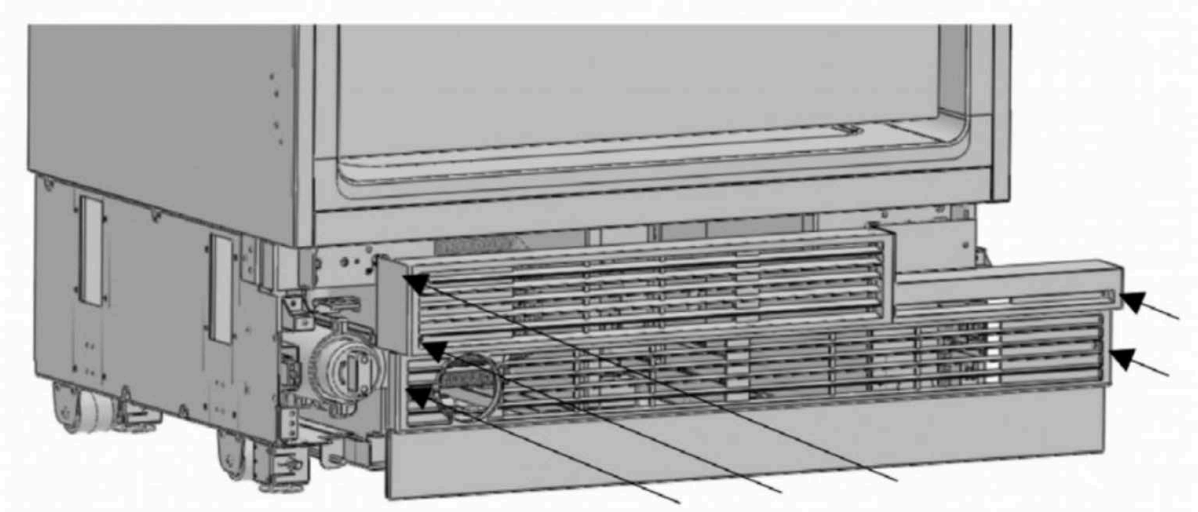


Built-in Column

Installation - Vent Hole Assembly

Use 5 screws to attach the vent hole assembly.



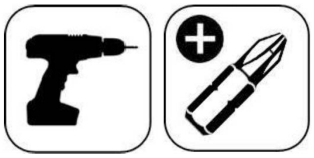


IMPORTANT INFORMATION
You can move the lower vent hole forward-backward to adjust it to the kick plate in the kitchen.

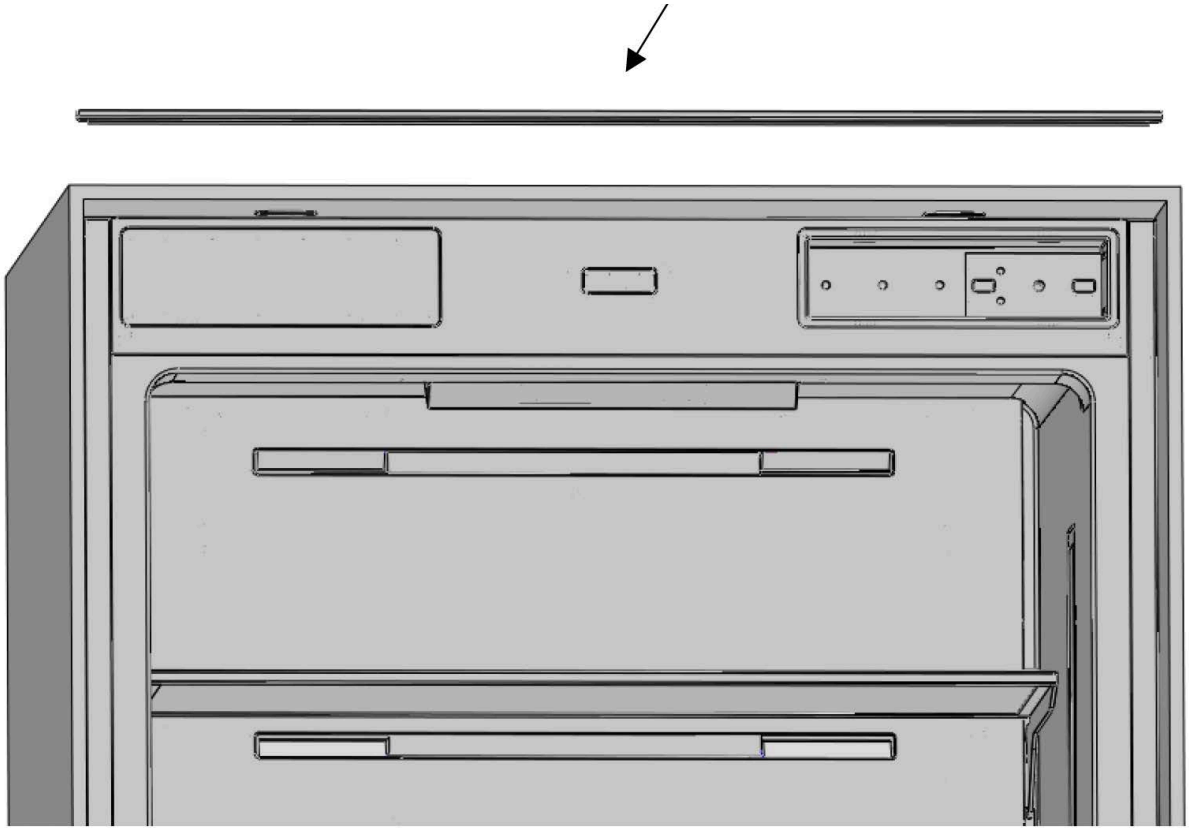
WARNING
Forward-backward travel distance of the lower kick plate must be 15/16” (23 mm).
As you can see in the figure, the decorative kick plate must not be in front of the upper vent hole level.

Built-in Column

Installation - Decorative Parts



Attach cabin top trim (Item No.3) onto the cabinet bracket top (Item No.15).



Built-in Column

Custom Panel Preparation

This section contains information about preparing the custom panel and mounting them to the product.

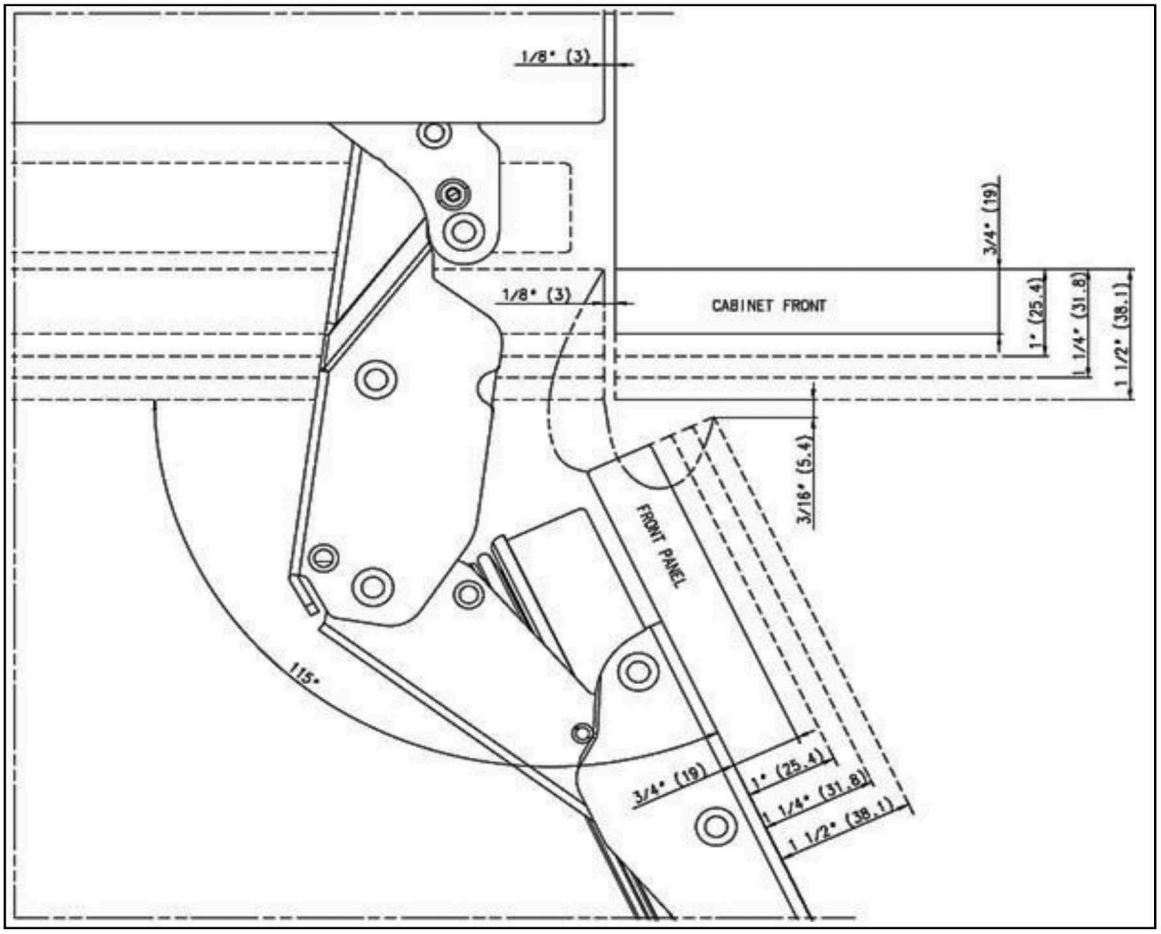
WARNING
Do not exceed the max load that the custom panel can endure. Before crafting the panel, check the strength of the panel's material and the load of attachments to the panel.

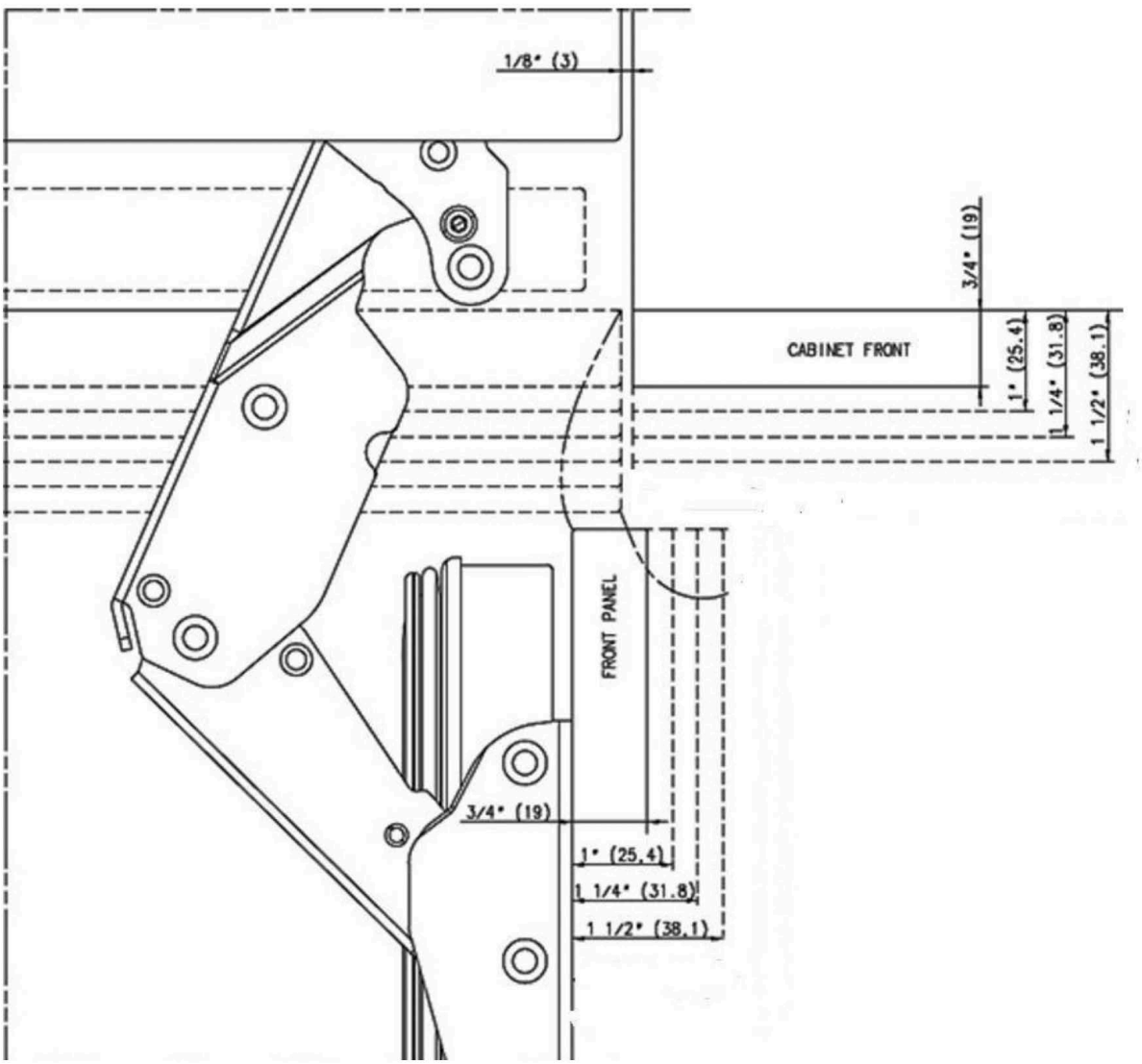
Category	18"	24"	30"	36"
Custom panel maximum weight (included handle)	66lbs. (30kg)	66lbs. (30kg)	66lbs. (30kg)	66lbs. (30kg)

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 ½" (38 mm), the door should not open more than 90°. You must use 90° limit pin on the hinge.



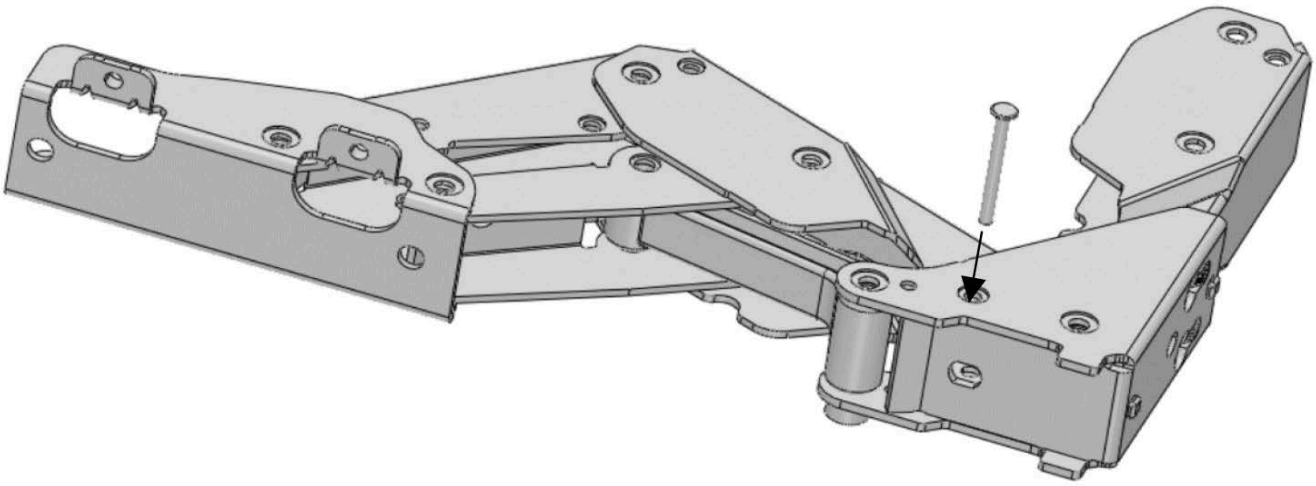


You can limit the opening degree of your door to 90° If you want.

90° limit pin (item No.26) is located in the mouting 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.

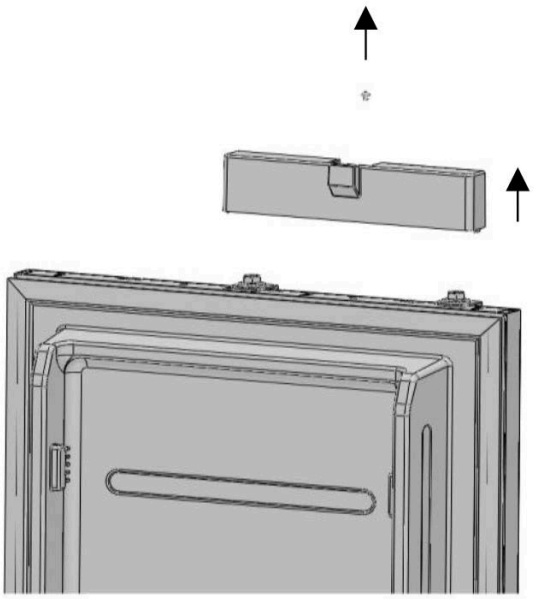


Built-in Column

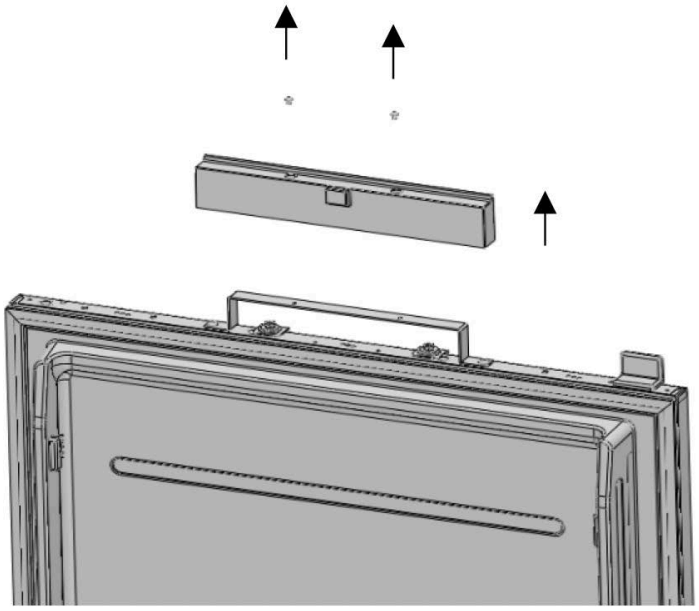
Installation - Removing Mechanism Covers

Remove screws to take out the top hanger bracket cover.





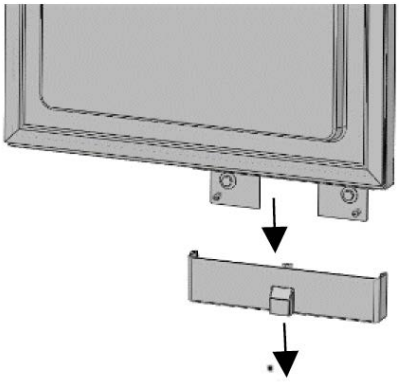
18”, 24”



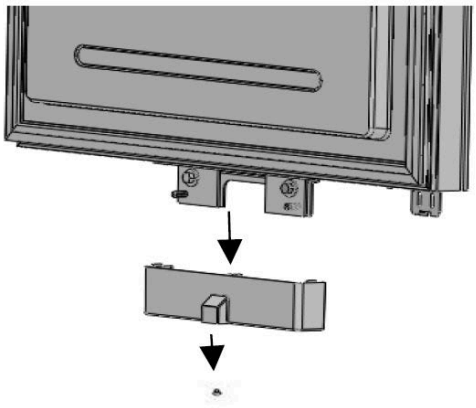
30”, 36”

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.

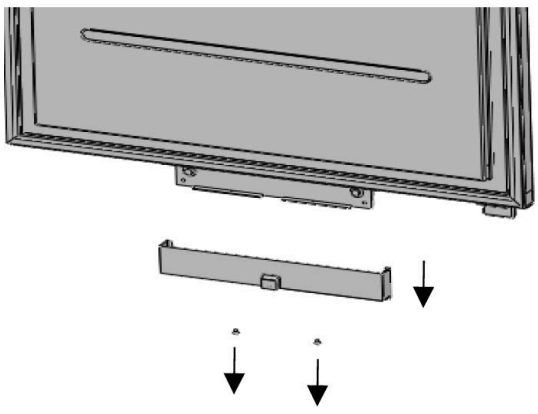
18”



24”



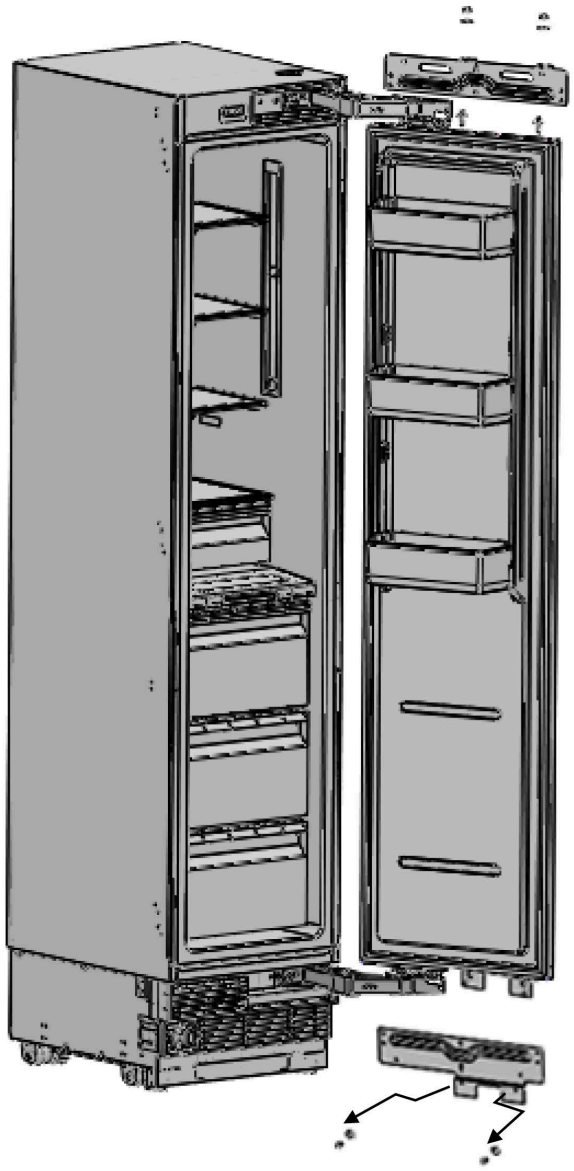
30”, 36”



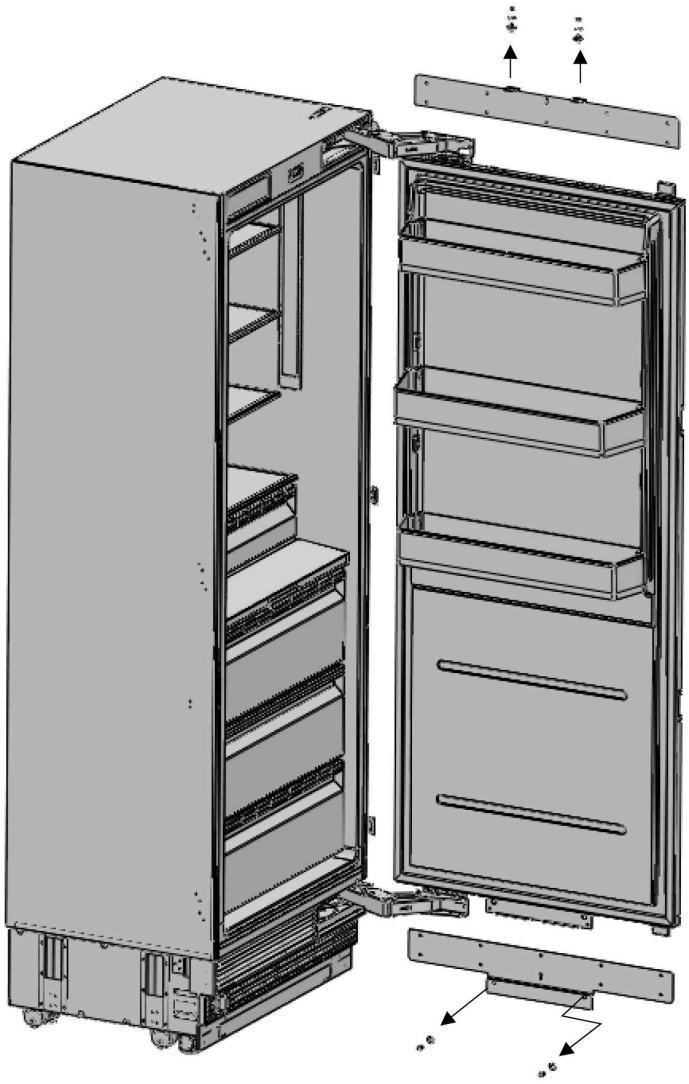
Built-in Column

Installation - Removing Panel-Adjustment Mechanism

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



18”

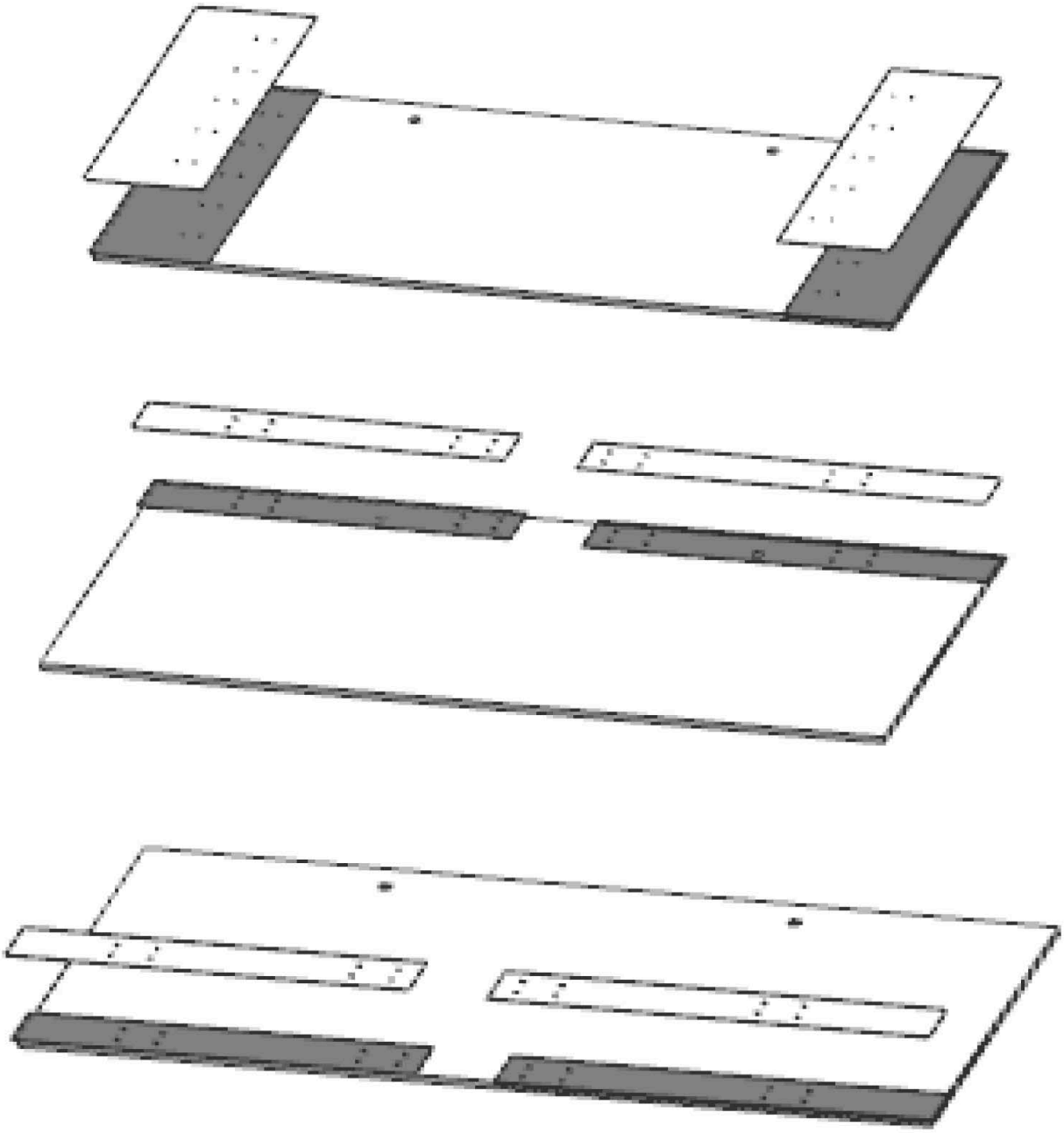


24”, 30”, 36”

Built-in Column

Installation - Preparing Custom Panel

You must take the dimensions into account when fixing the cradle parts on the custom panel. When marking, you can use the custom panel templates (item No.8 ~No.11) provided with the product.



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

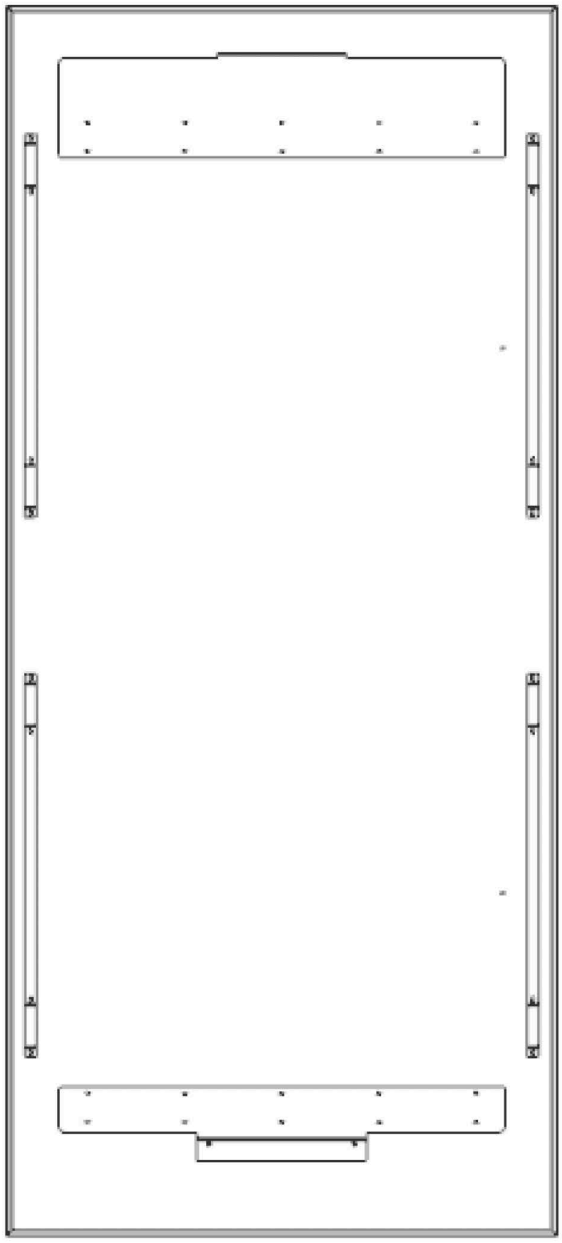
WARNING
Tthickness of the door is recommend between 1/4” (16”) and ¾” (19mm).

Built-in Column

Installation - Custom Cutout Dimension

Category	18”	24”	30”	36”
mm	451 * 2030	603 * 2030	756 * 2030	908 * 2030
inch	17 3/4 * 79 15/16	23 3/4 * 79 15/16	29 3/4 * 29 15/16	35 3/4 * 29 15/16

WARNING
You must use count sunk head screws (item No.28). suitable for the door thickness.

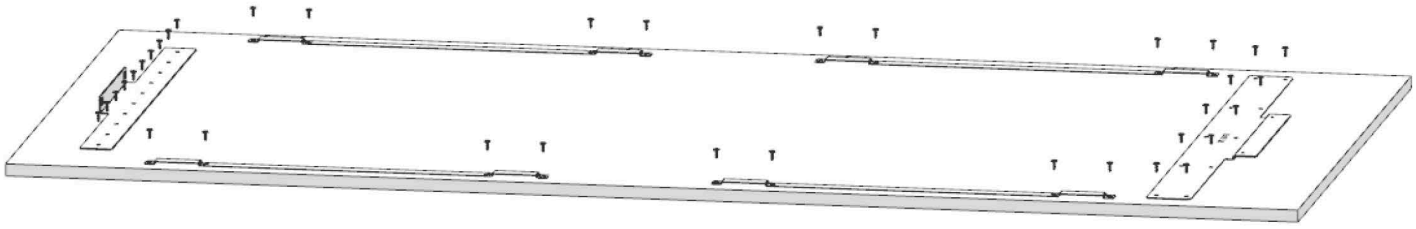


Built-in Column

Installation - Custom Cutout Dimension

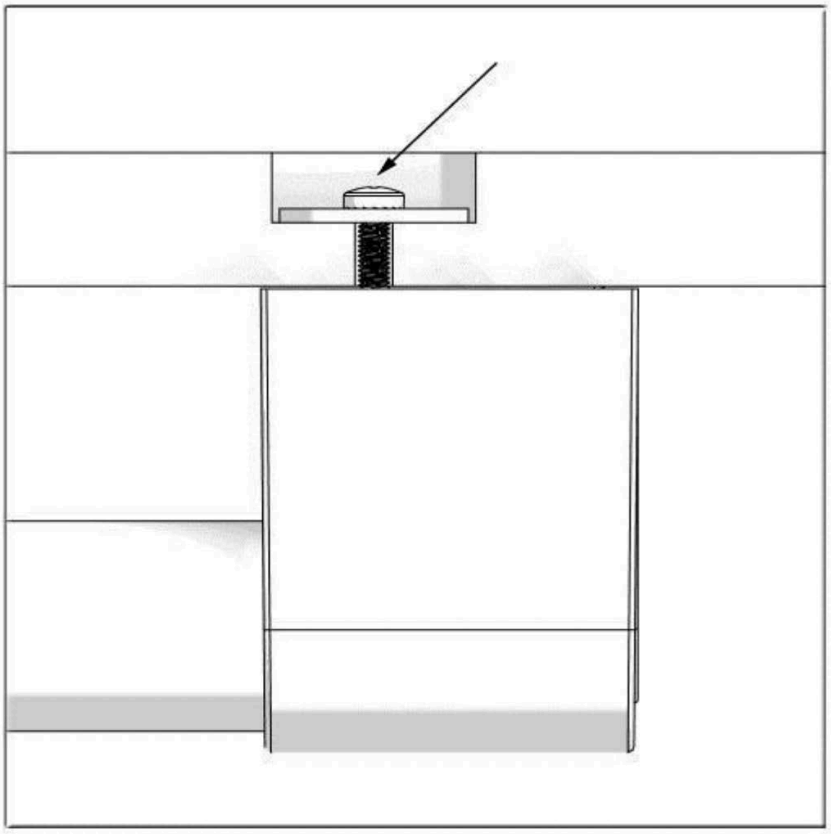
Install cradles using the count sunk head screws (item No.28). You can also use the template provided with the product to align these parts. It is recommended to keep this template for future reference.

18”, 24”, 30”, 36”



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

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



Built-in Column

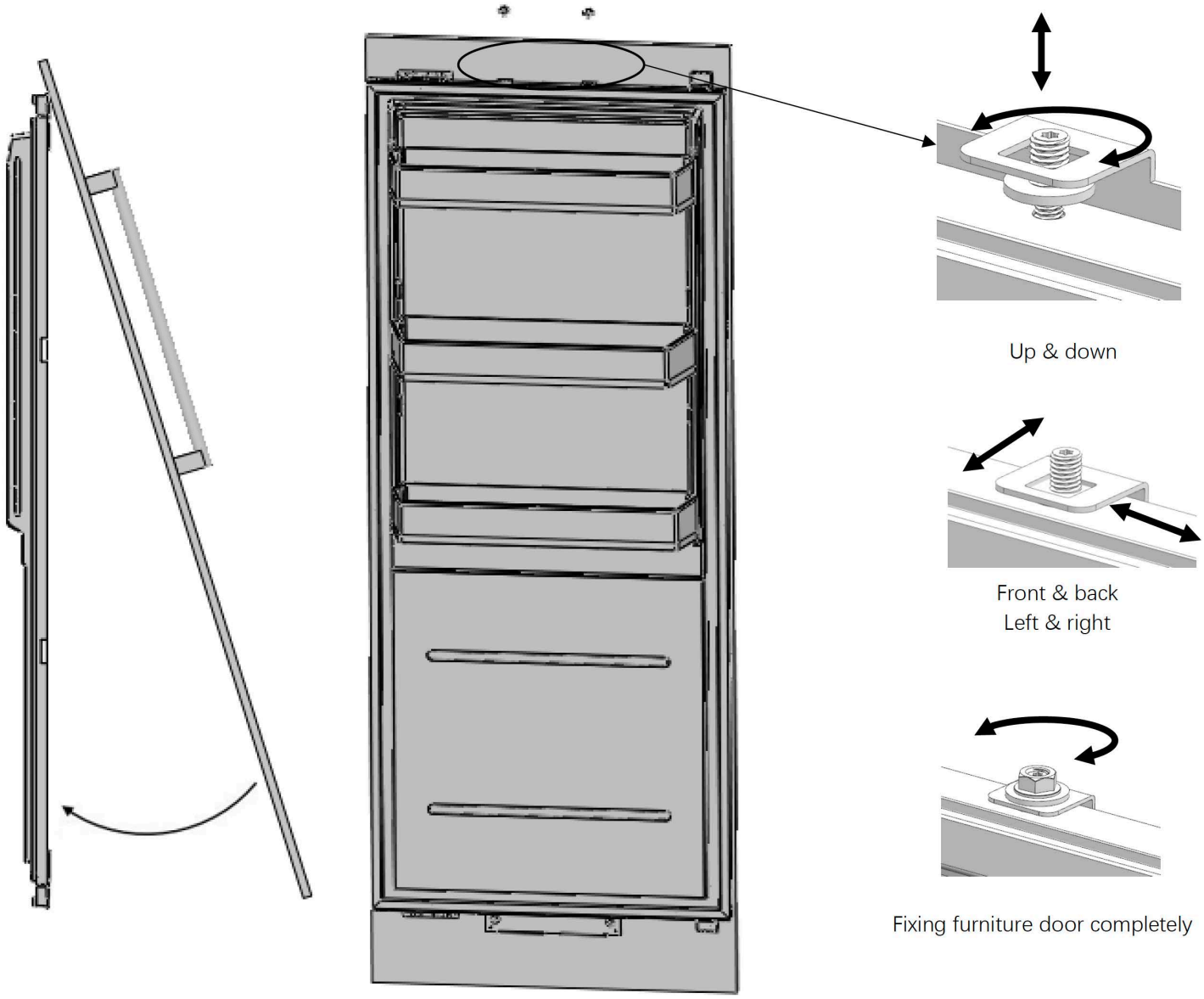
Installation - Custom Panel

1. Attach the custom panel to the door.

How to align the custom panel upper part with bolts.
Custom panel and 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 custom panel against the kitchen furniture.

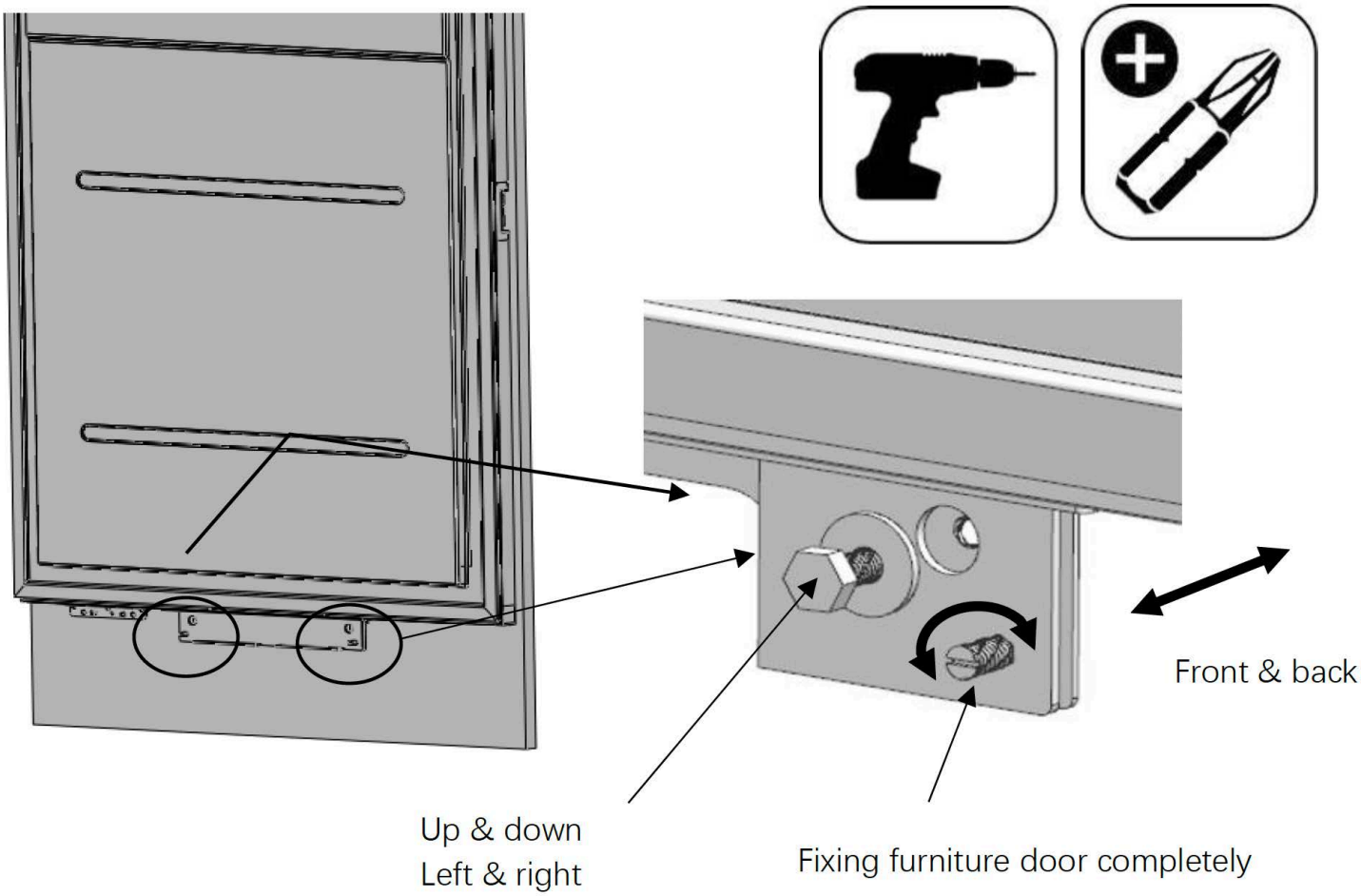
Gap between furniture and custom door must be 1/8" (3 mm),
assuming that the furniture dimensions are correct.
You can make door adjustments based on this distance.



Built-in Column

Installation - Custom Panel

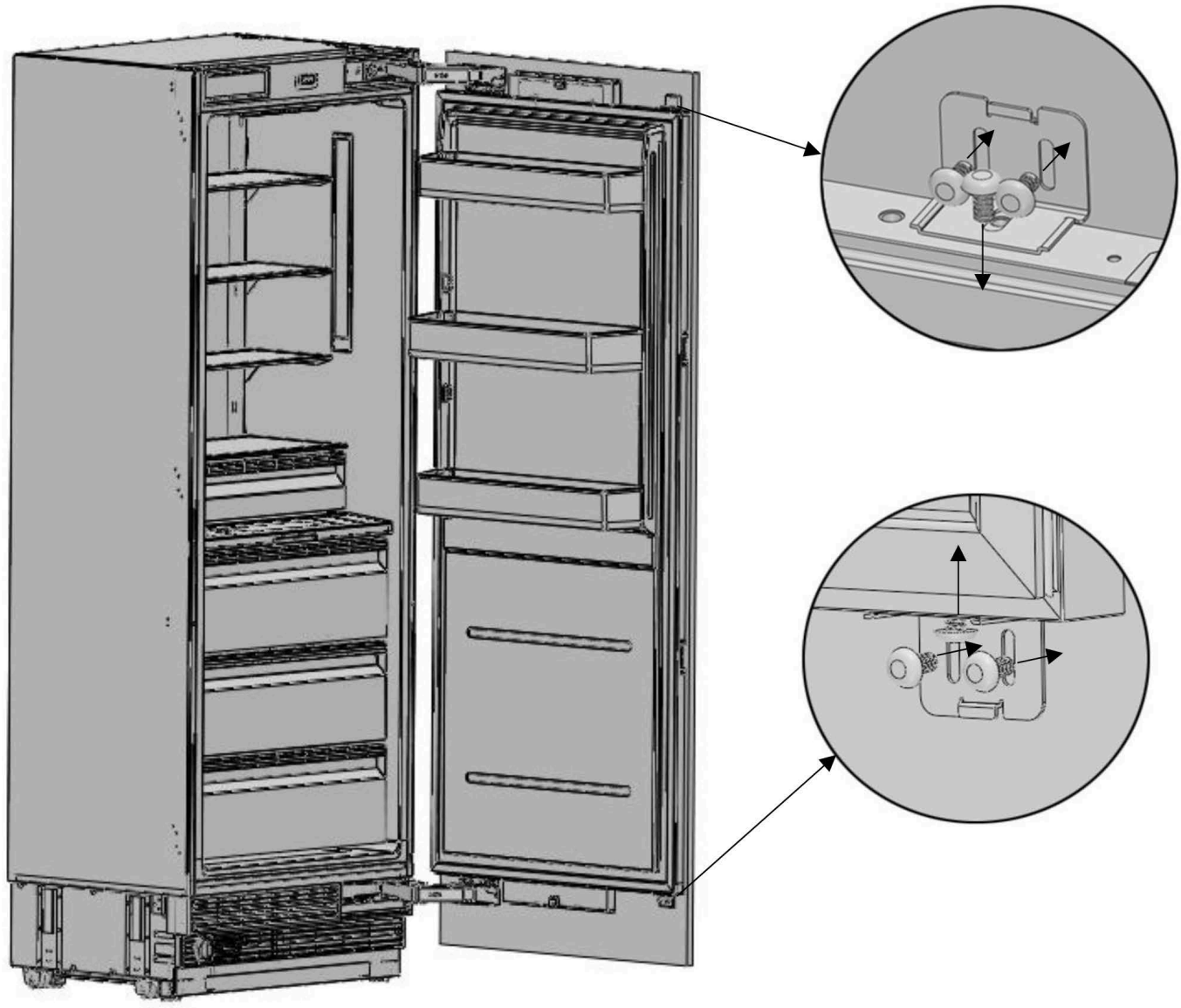
How to align the custom door lower part with bolts.



Built-in Column

Installation - Custom Panel

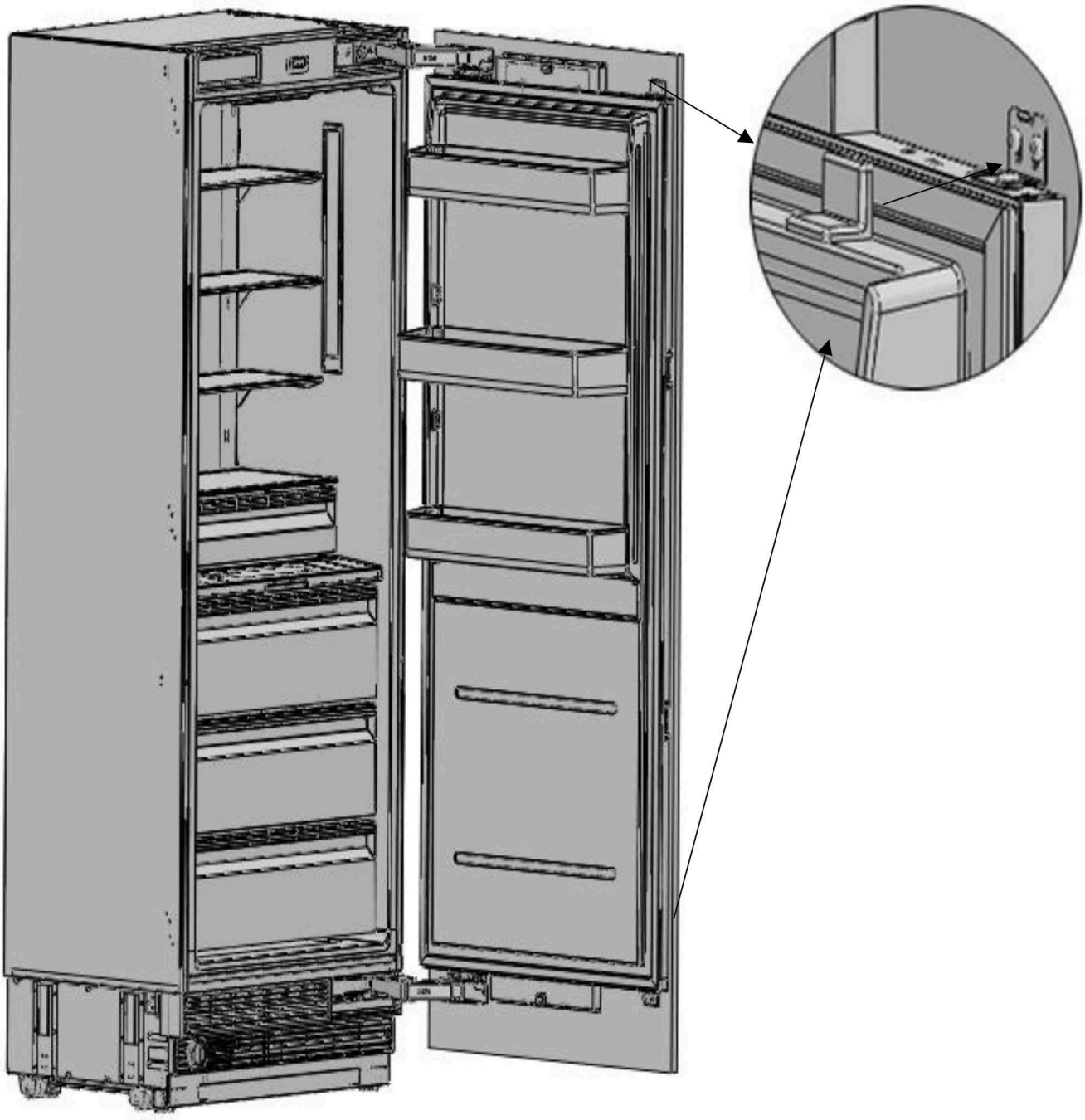
Use the door bracket (Item No.17) to join the custom panel. Use 2screws (Item No28) to join the custom panel and 1screw (Item No.27) to fix door.



Built-in Column

Installation - Custom Panel

Clip the cover door bracket (Item No18).

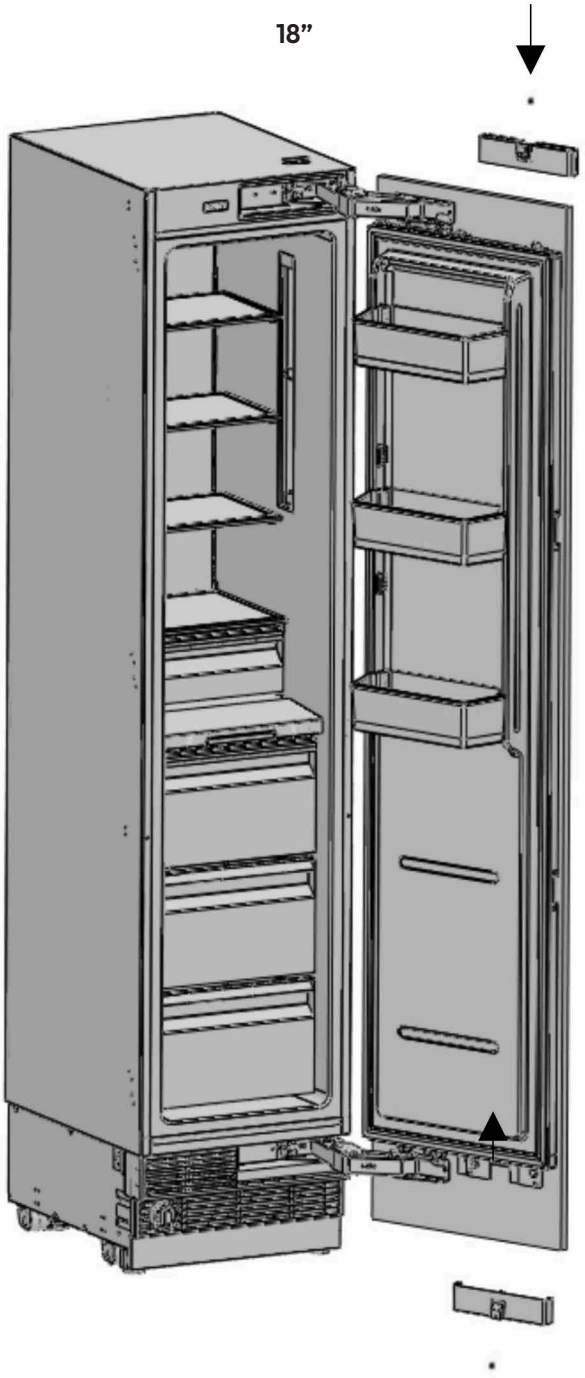


Built-in Column

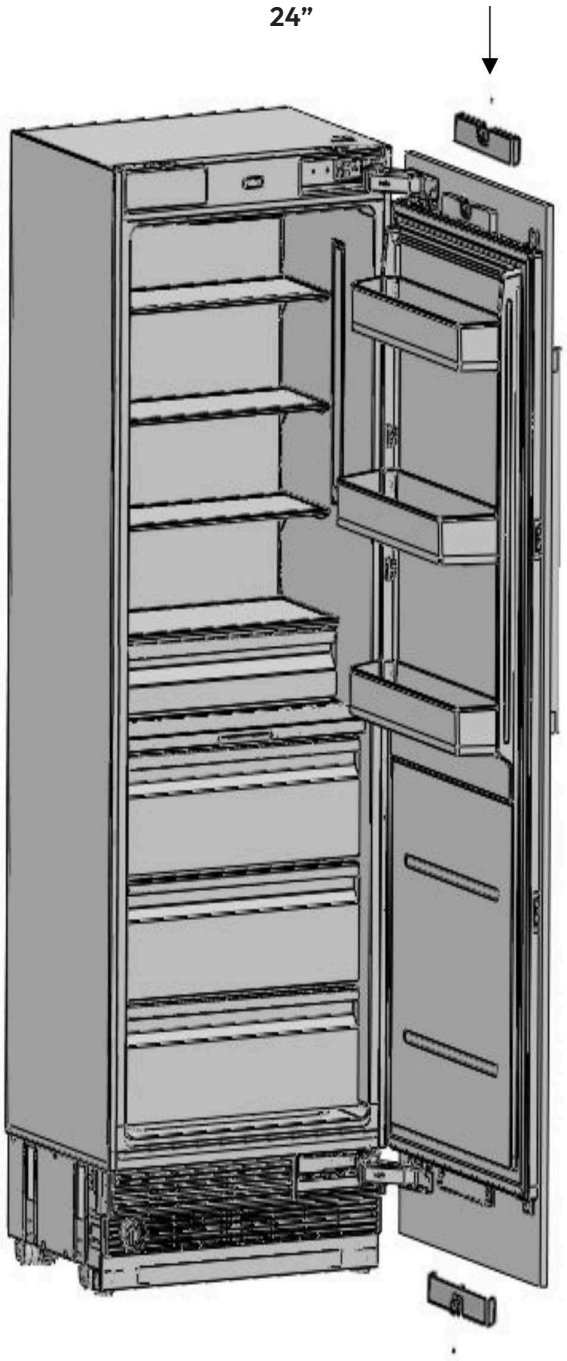
Installation - Custom Panel

Attach and screw the upper/lower decoration cover.

18”



24”

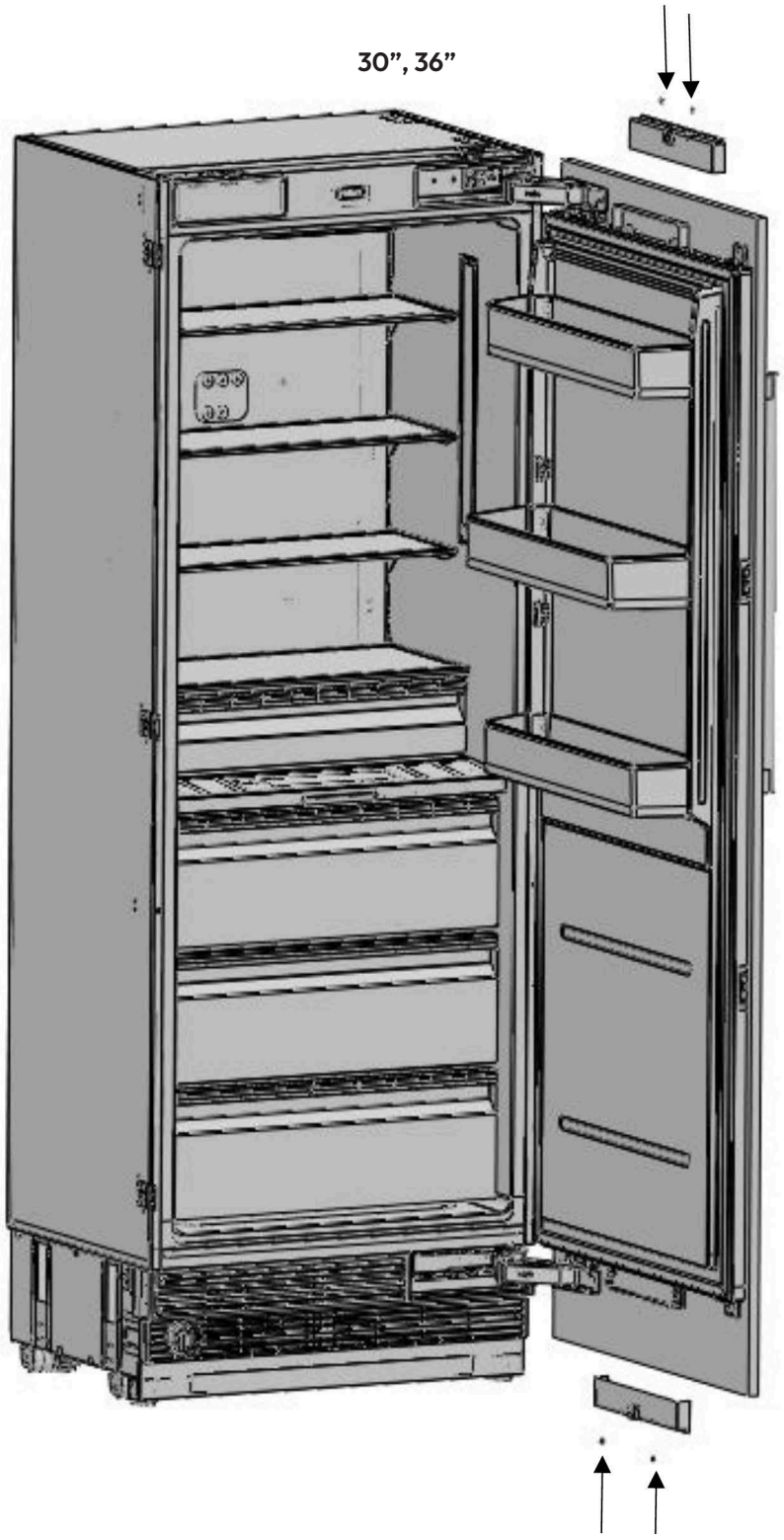


Built-in Column

Installation - Custom Panel

Attach and screw the upper/lower decoration cover.

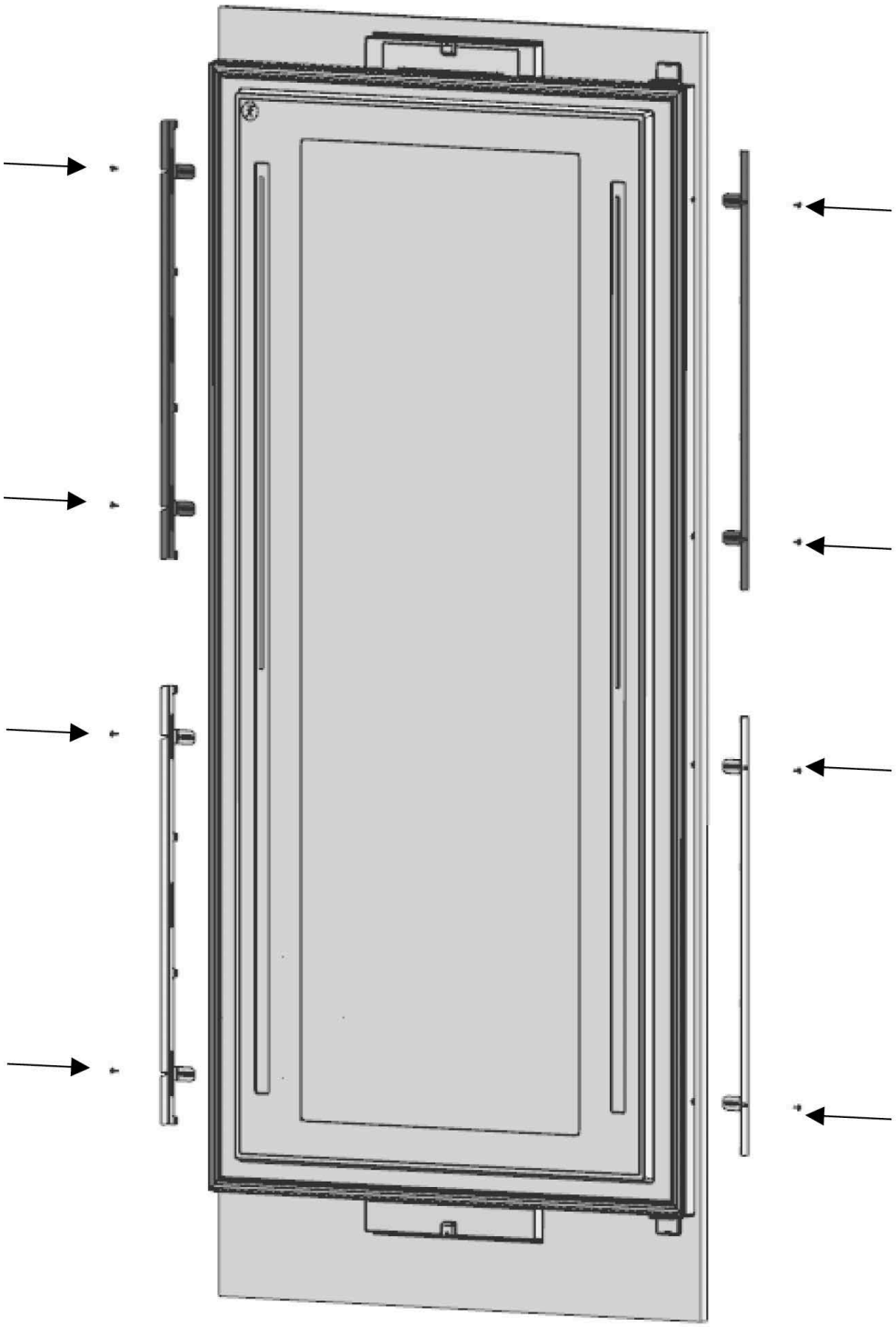
WARNING
You must keep these parts for future use. You will need them if you want to change the door directions.

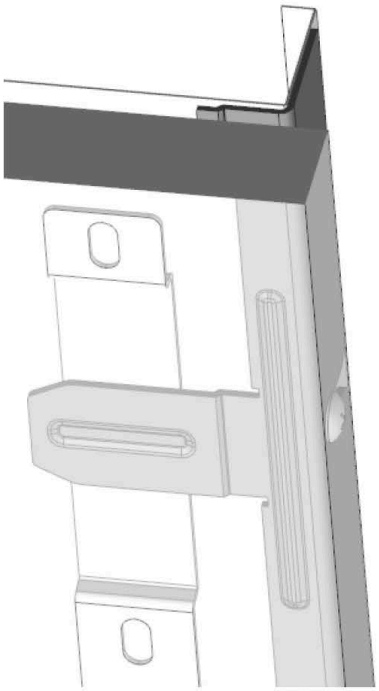


Built-in Column

Installation - Custom Panel

Insert door bracket side (Item No.1) between custom panel bracket side (Item No.2) and custom panel After then fix using 8screws (Item No.27).

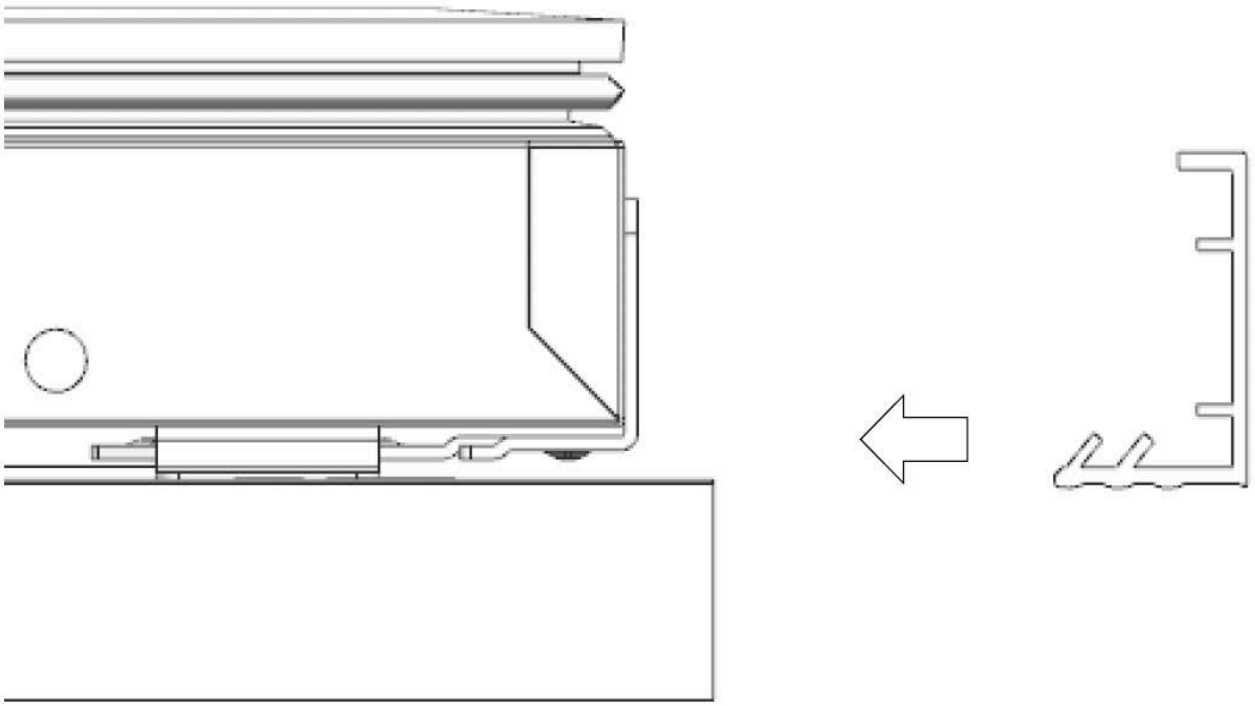


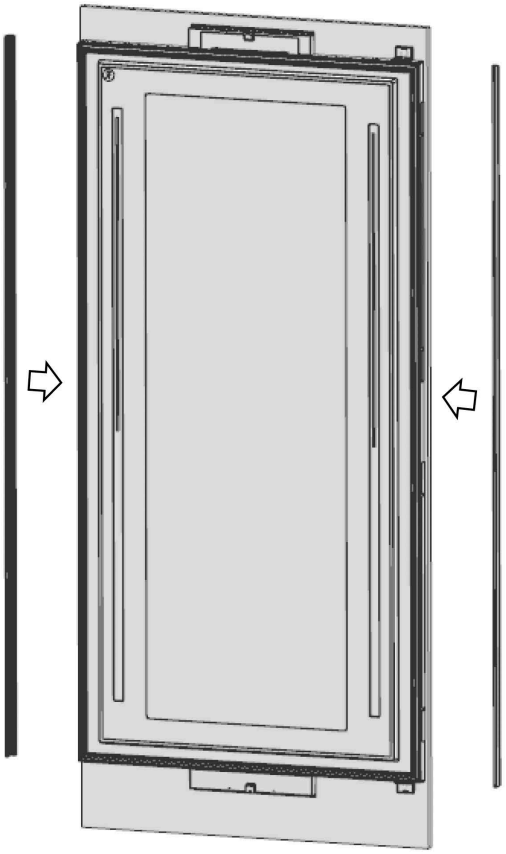


Built-in Column

Installation - Custom Panel

Attach custom panel side trim (Item No5)

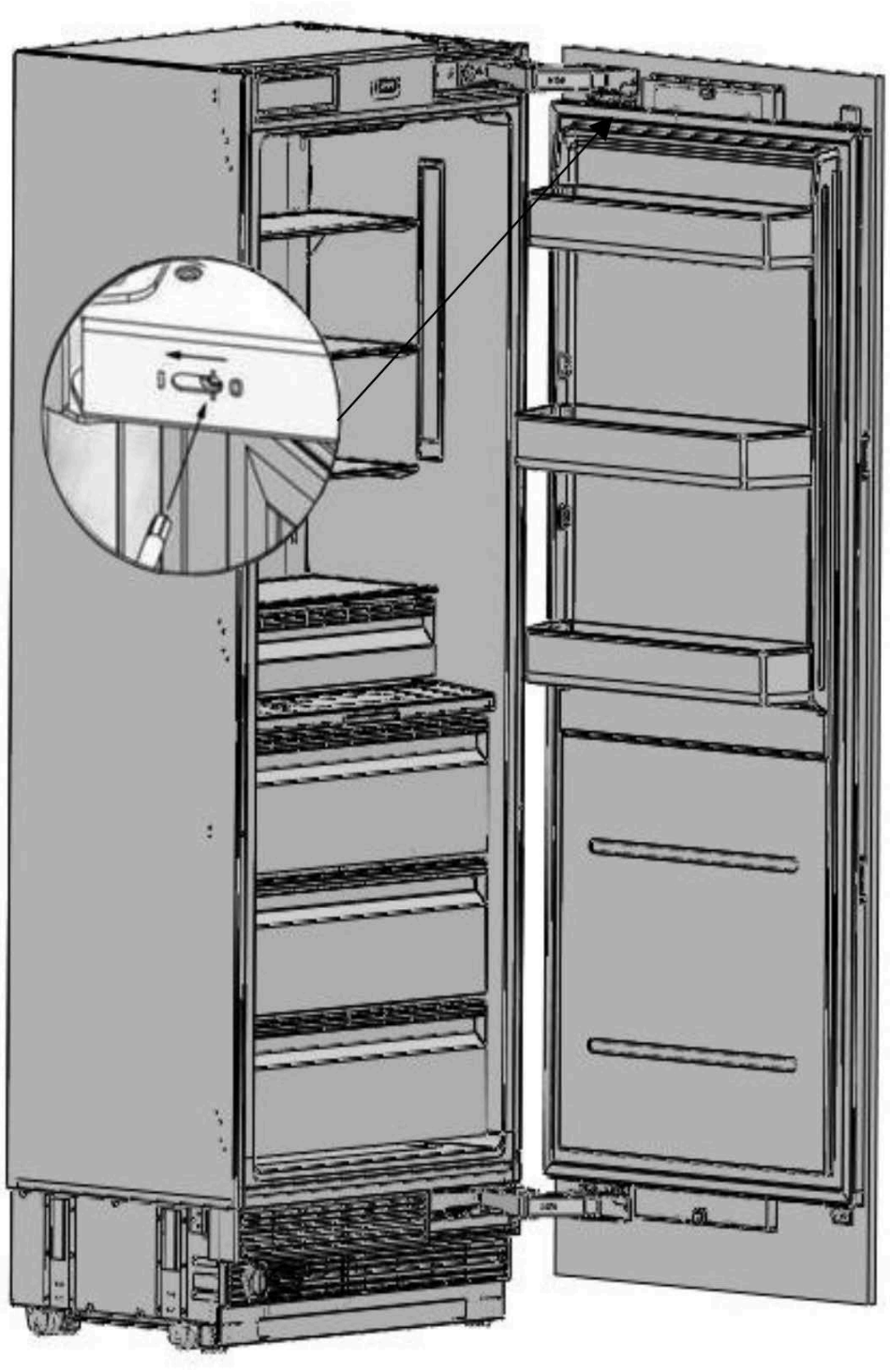




Built-in Column

Installation - Hinge Adjustment

Use a drill to adjust the hardness 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.

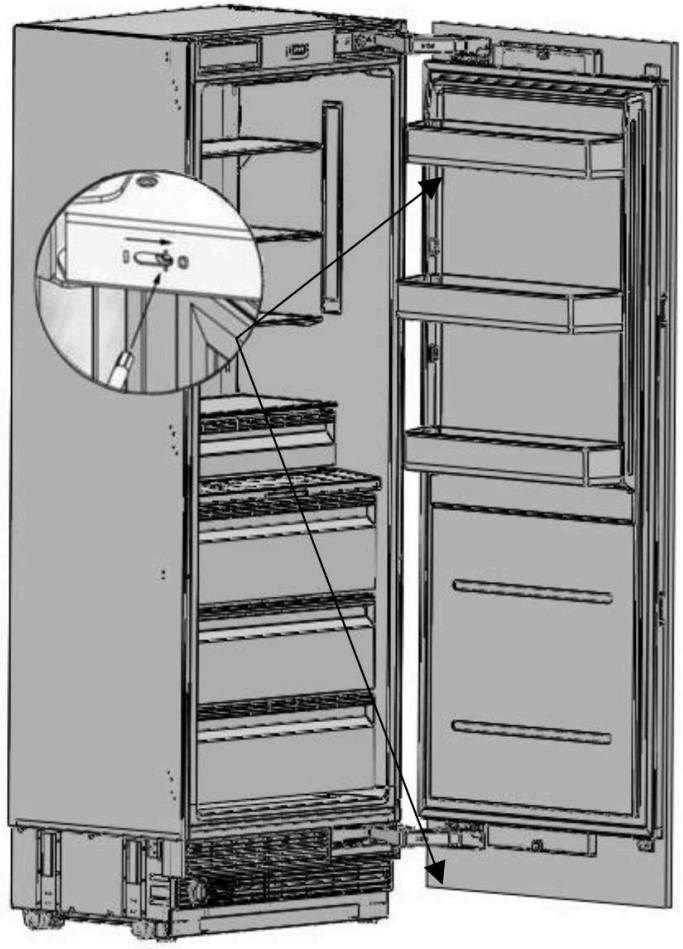
WARNING
This adjustment must definitely be performed after the door has been adjusted.

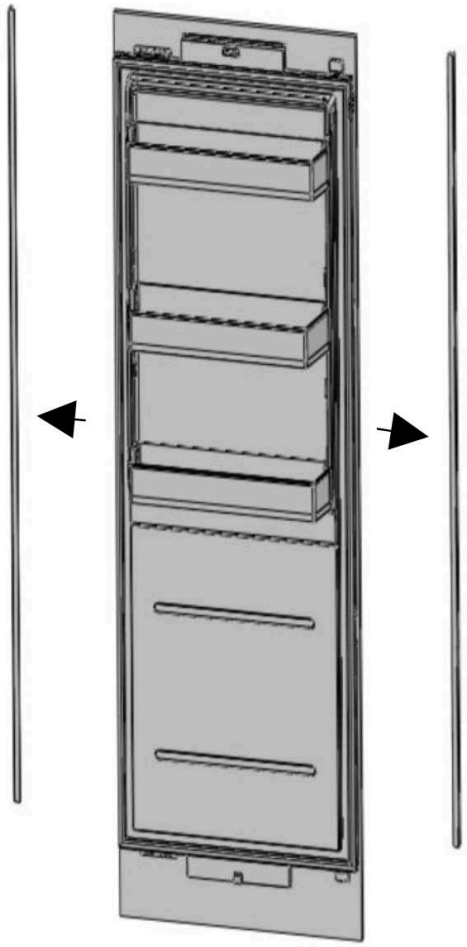
Built-in Column

Installation - Change Door Opening Direction

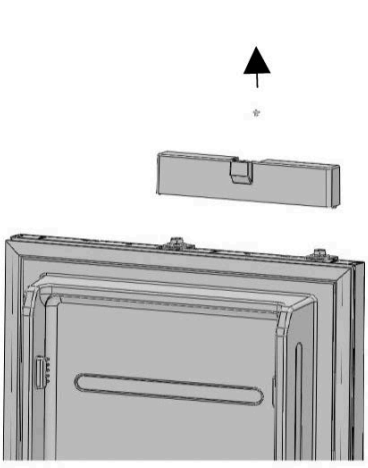
Set the hardness level of the hinge to “0”.

ATTENTION
Failure to set the hinge to “0” and continuing the installation like that may cause injury. Remove the custom panel side trim(item No.5)

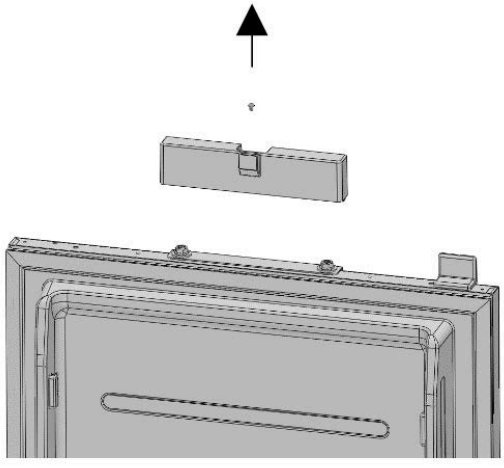




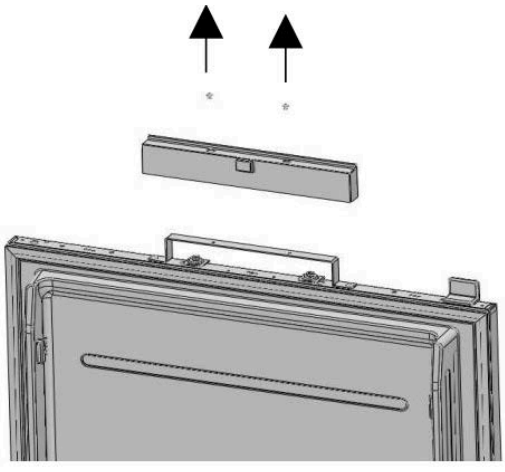
Loosen screws of the upper Cover of the door and remove it.



18”



24”



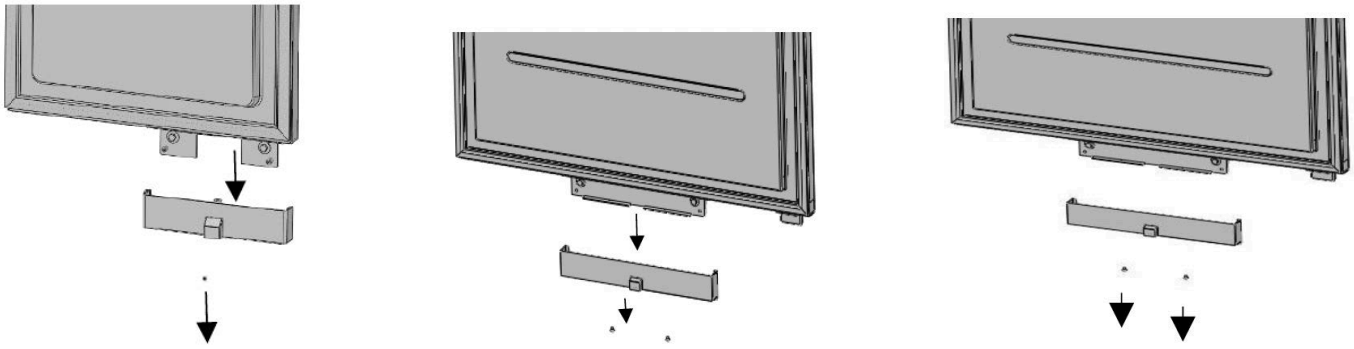
30”, 36”

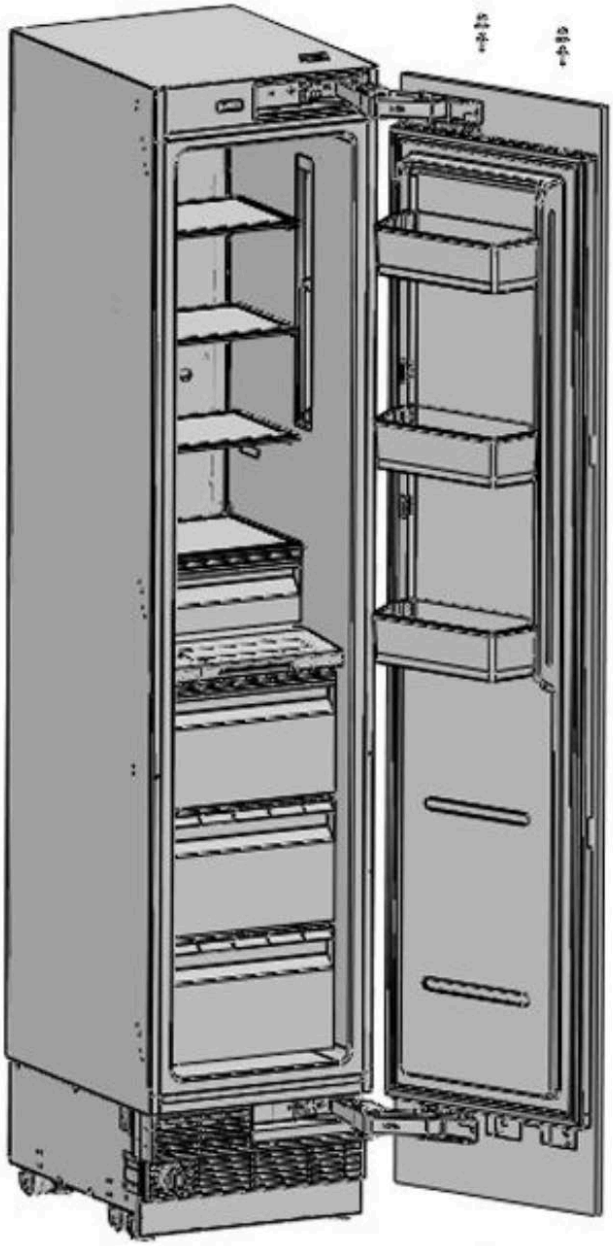
Built-in Column

Installation - Change Door Opening Direction

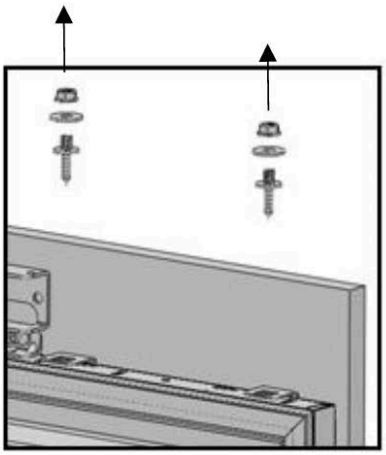
Loosen screws of the lower cover of the door and remove it. Then, remove the upper adjustment kits.

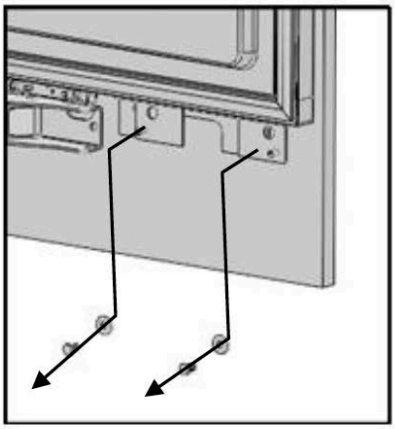
18” **24”** **30”, 36”**





18”

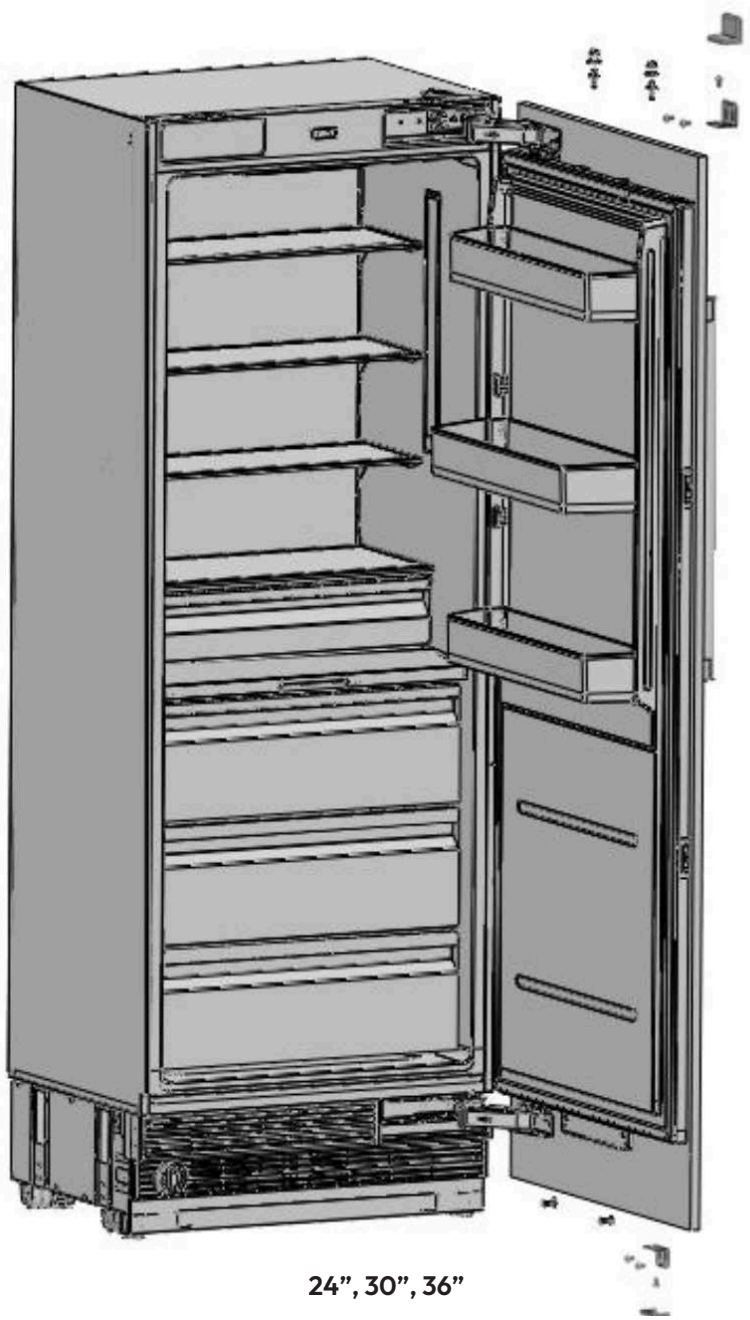




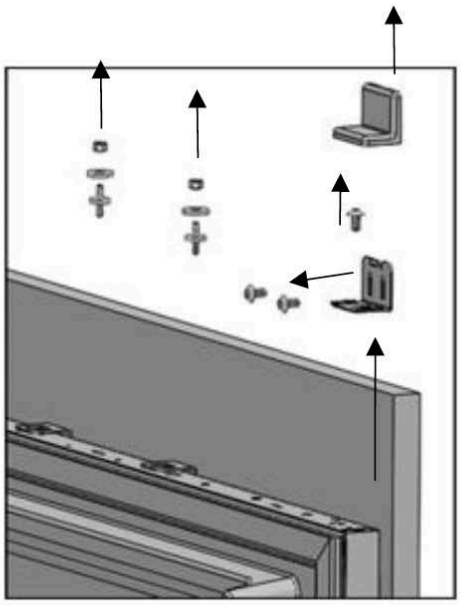
Built-in Column

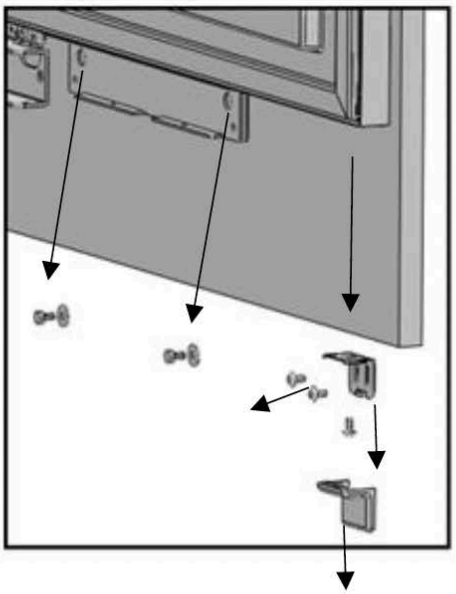
Installation - Change Door Opening Direction

Remove the upper adjustment kits.



24”, 30”, 36”





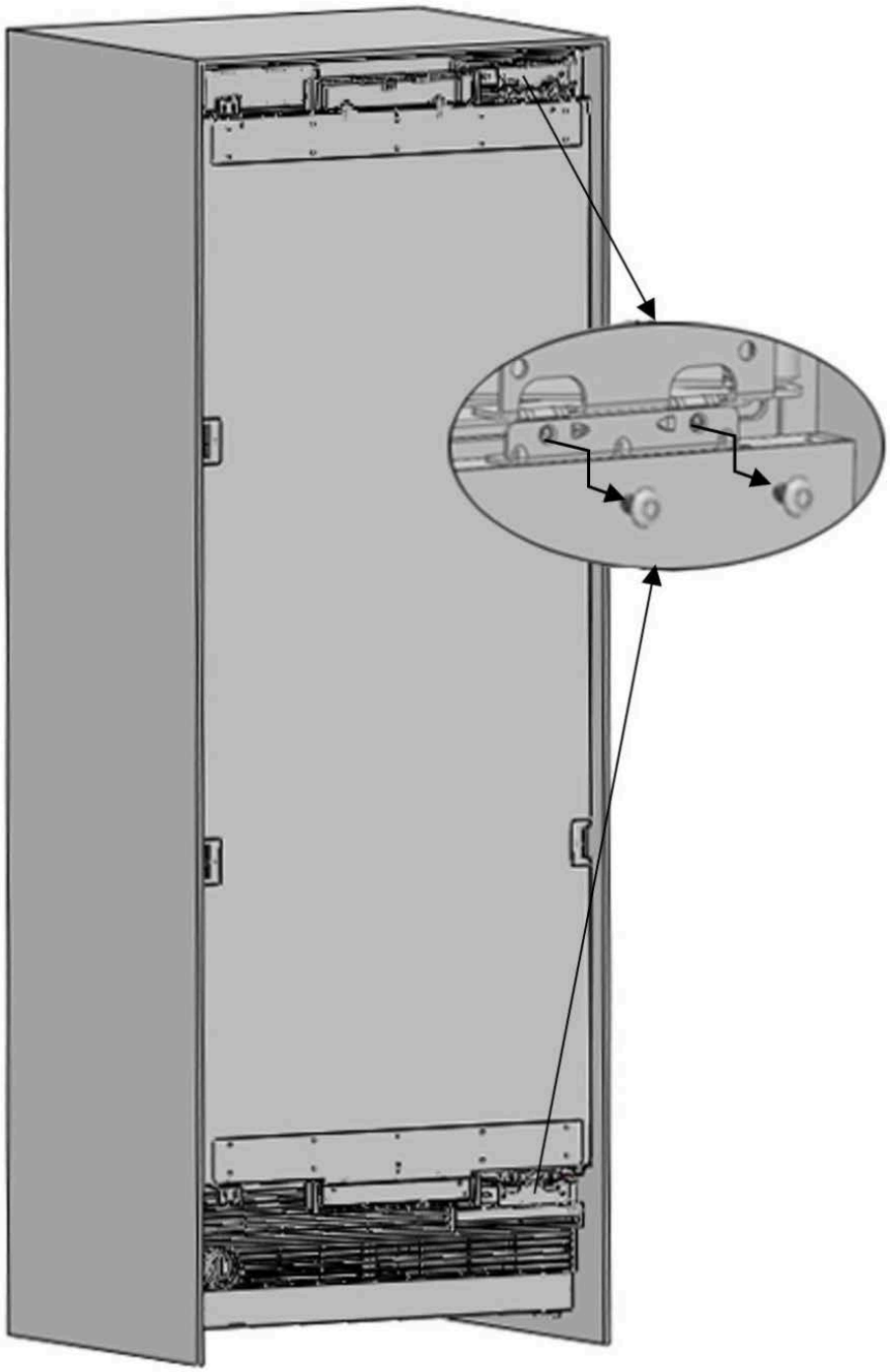
WARNING

The custom panel will be released when these screws are removed. You must take measures to prevent custom panel from falling. You can tape the custom panel to the Inner Door or ask for help from another person. Take the custom panel and lay it down on a table upside down. You must attach the custom panel by rotating it 180° based on its current position.

Built-in Column

Installation - Removing and Preparing the Inner Door

Remove the hinge connection screws of the Hinge Brackets.

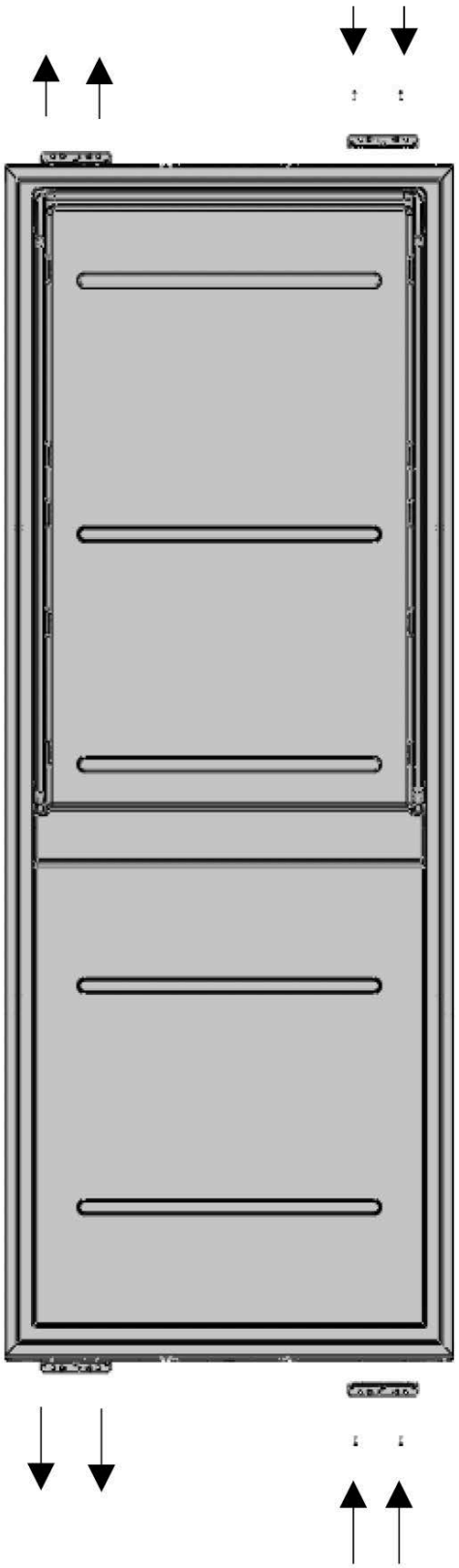


ATTENTION
The clad door will be released when these screws are removed. You must take measures to prevent the door from falling. You can tape the Furniture Door to the Inner Door or ask for help from another person.

Built-in Column

Installation - Removing and Preparing the Inner Door

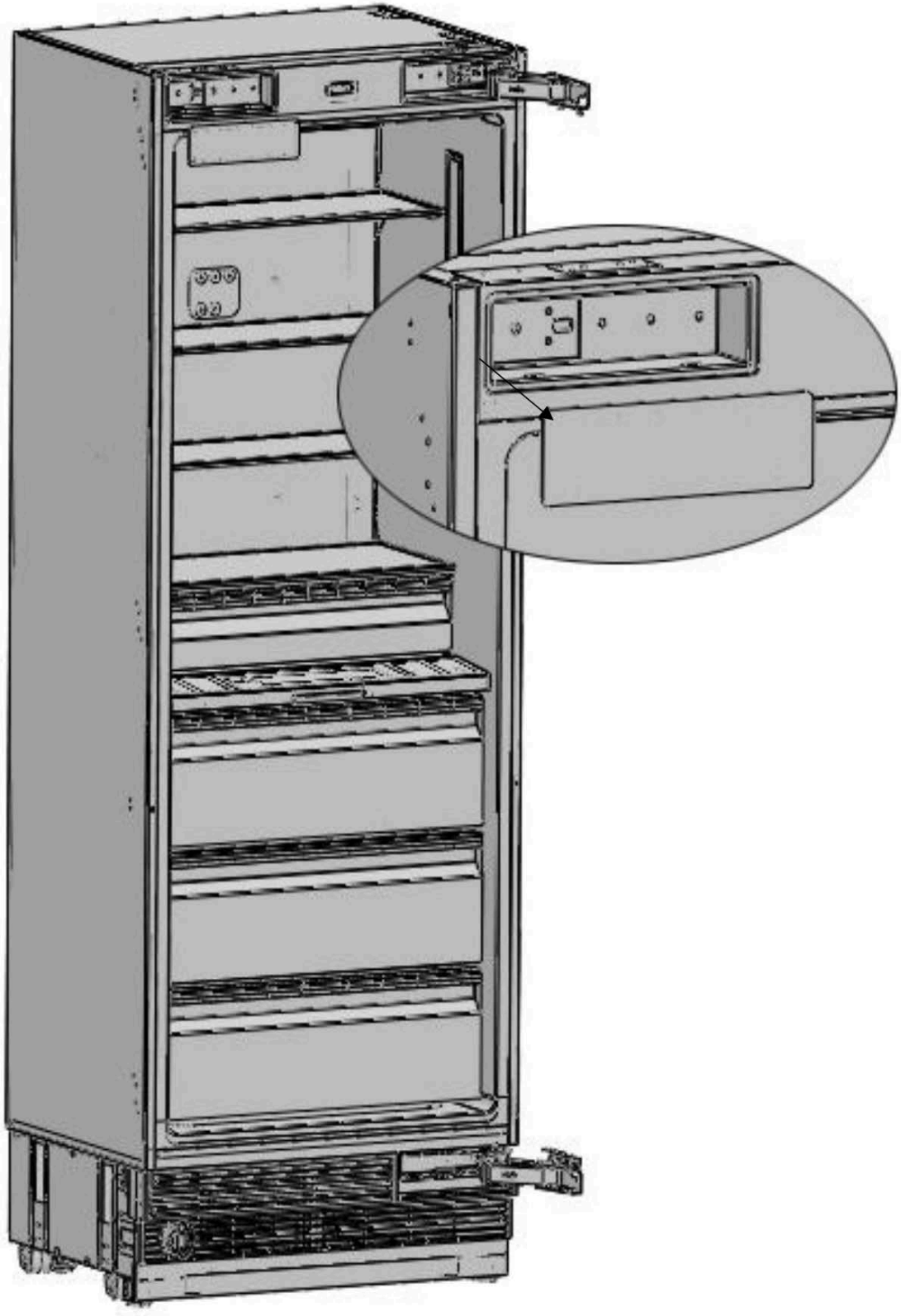
Take out door and lay it down on a table. Remove the hinge brackets on the fridge door. Take out the new hinge brackets (Item No24,25) from Accessories bag and screw it on the reverse side.



Built-in Column

Installation - Replacing the Hinges

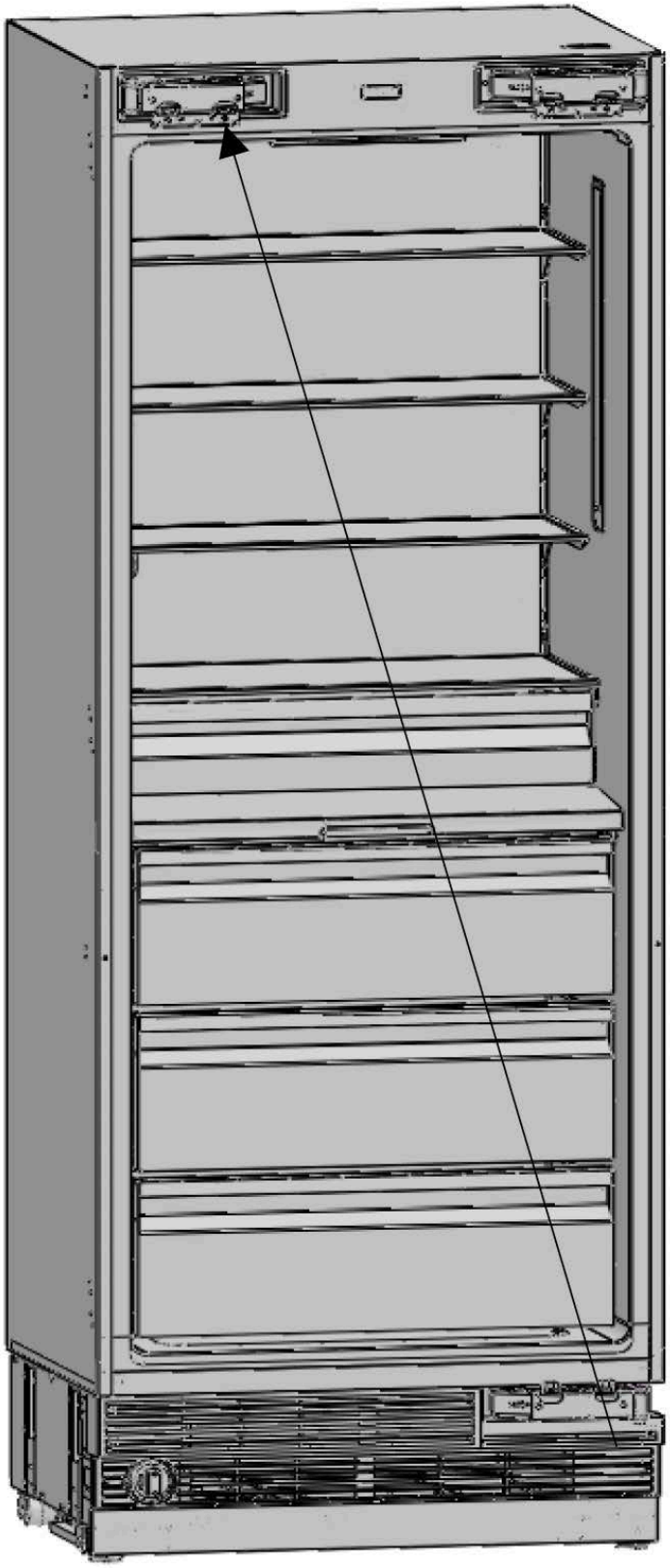
Remove the Hinge Caps located at the other side where you will fix the hinge.



Built-in Column

Installation - Replacing the Hinges

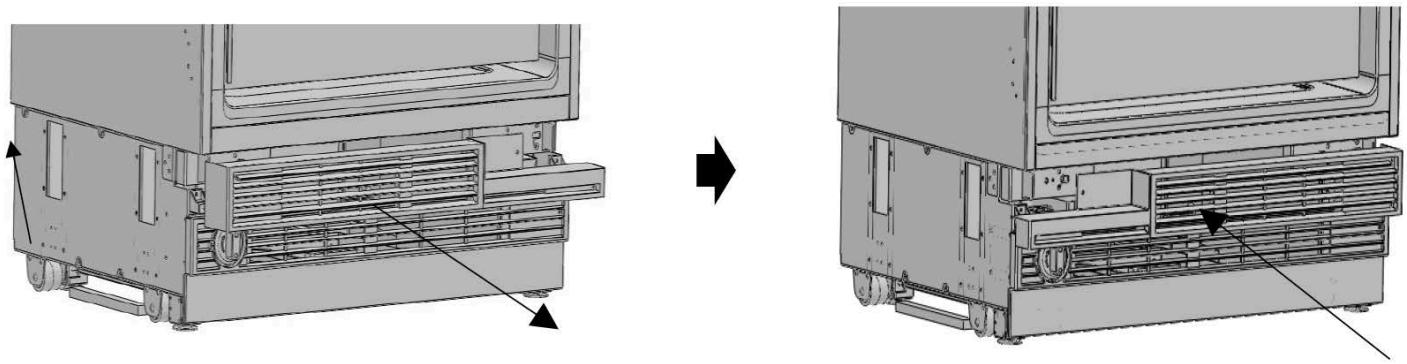
Remove the lower right hinge by loosening its 2 screws and fix it to its slot at the upper left side.



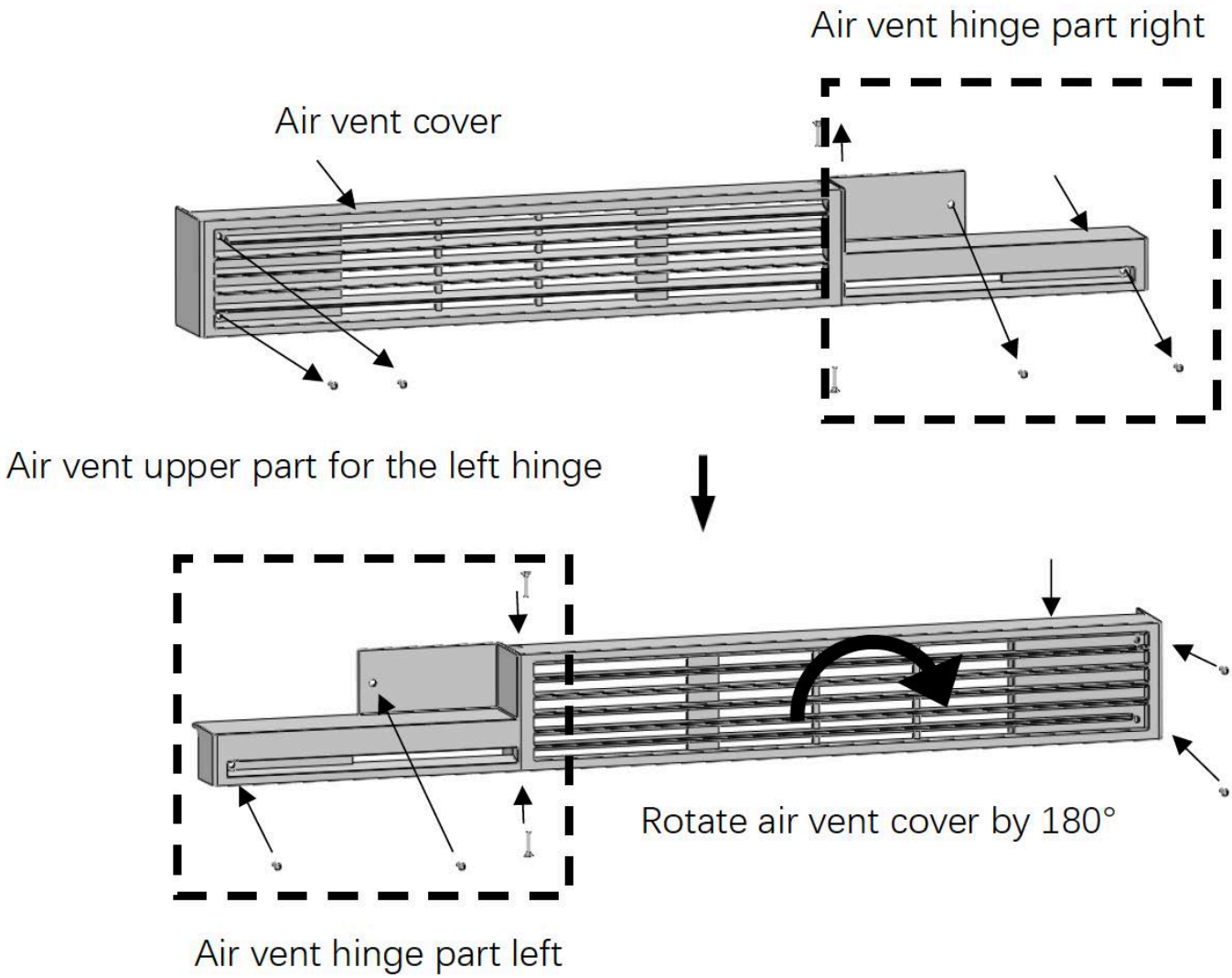
Built-in Column

Installation - Air Vent Cover Direction Change

Upper Air Vent Cover Change:
Remove the air vent Cover and change direction as shown in the figure below.



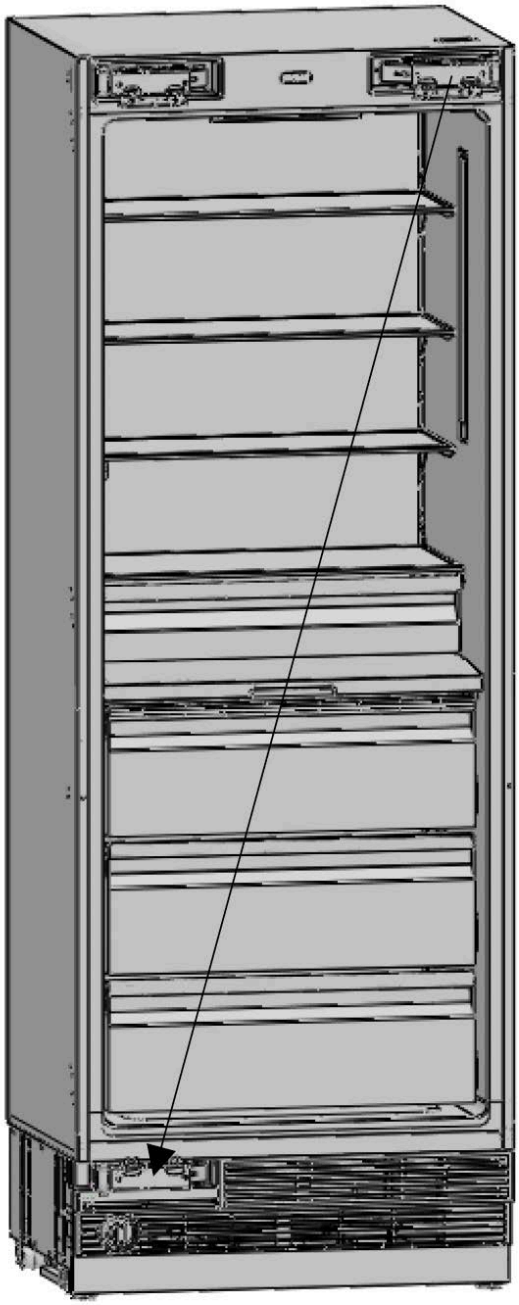
Air vent upper part for the right hinge

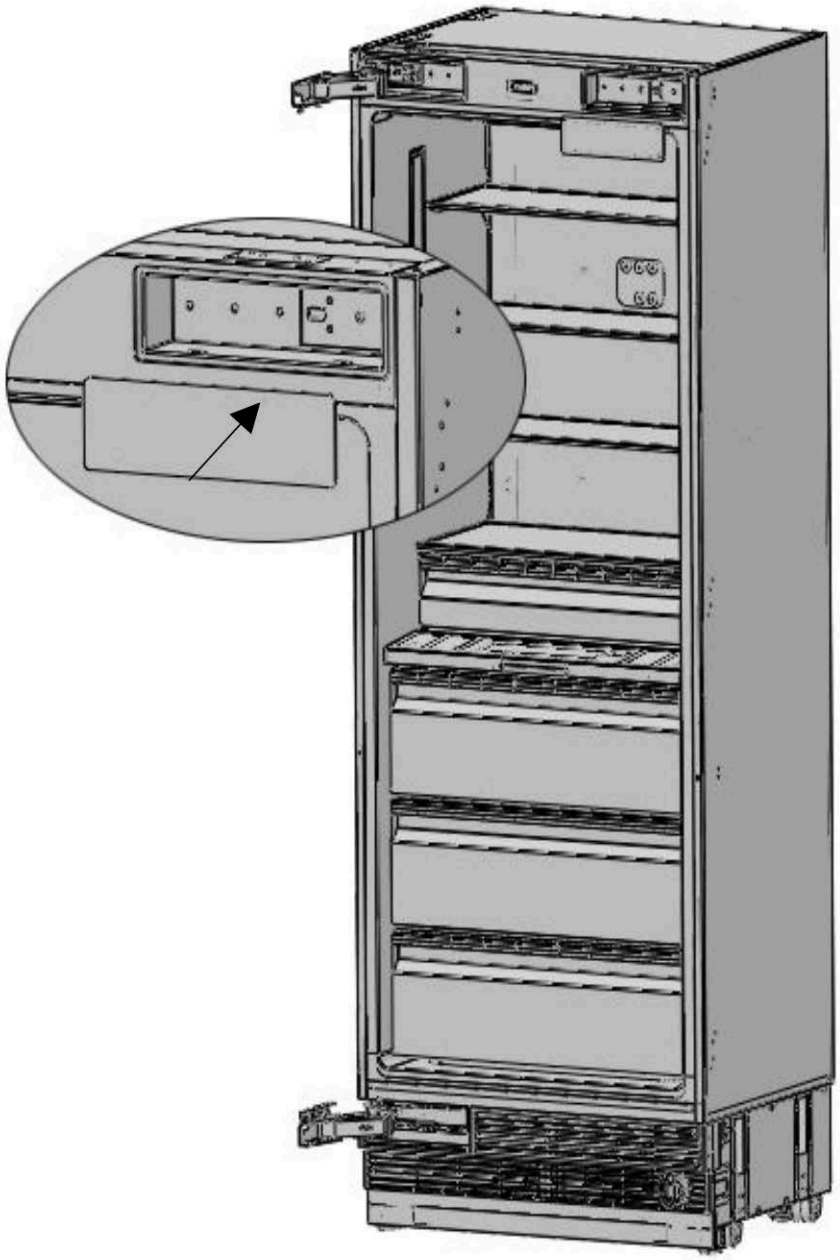


Built-in Column

Installation - Replacing the Hinges

Remove the upper right hinge by loosening its 2 screws and fix it to its slot at the lower left side. Next, Attach the Hinge Slot Caps removed from the left side to the Hinge caps to the right side.

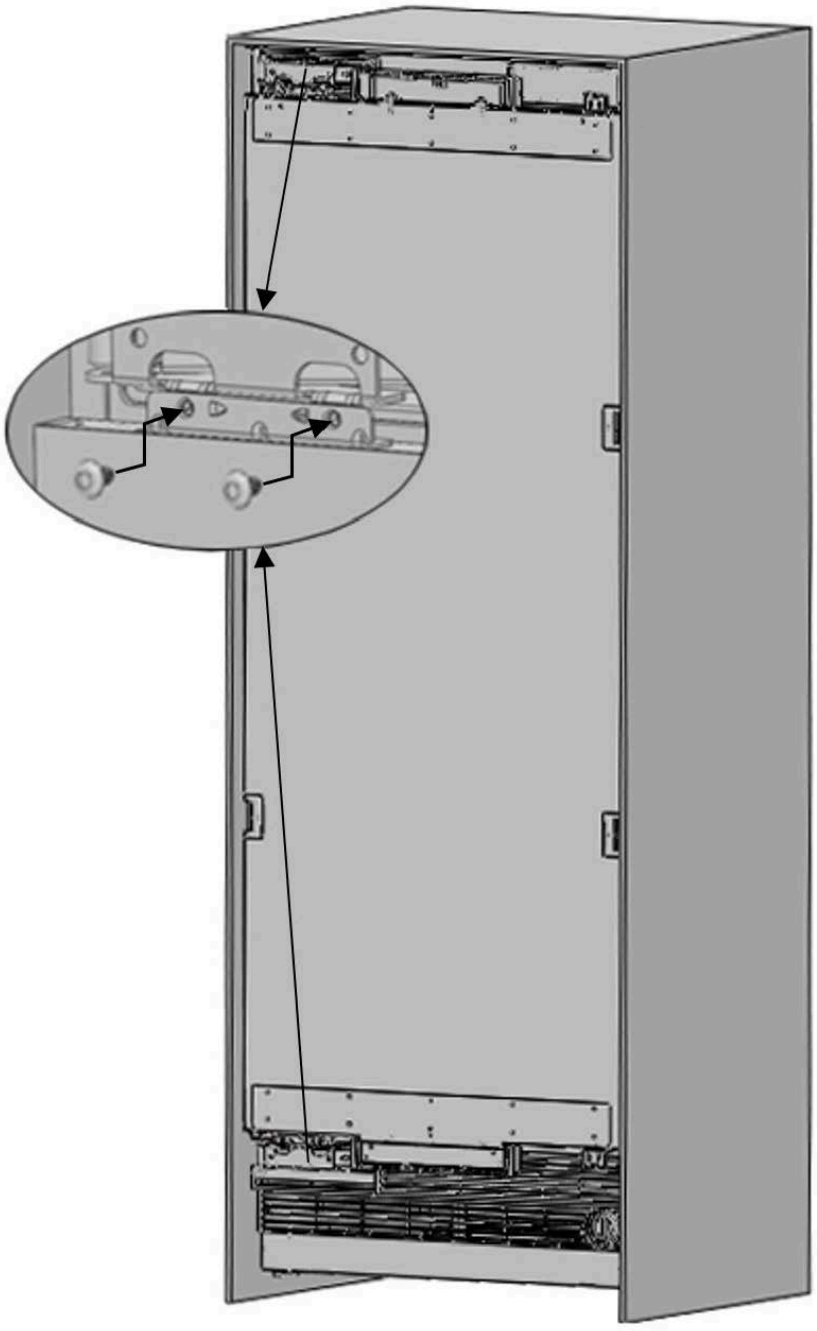




Built-in Column

Installation - Installing the Door

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



Built-in Column

Installation - Dual Cabin

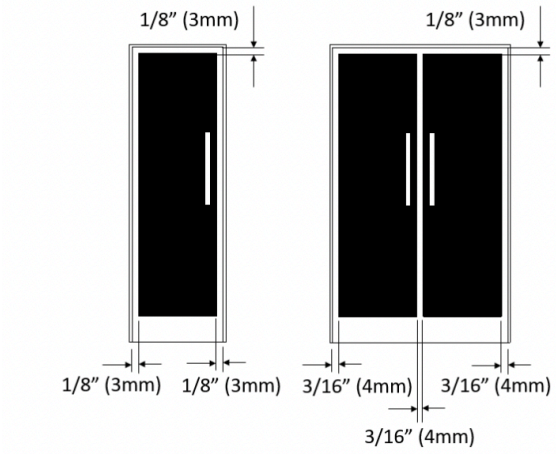
If you are going to make a dual cabin installation, you must definitely demand “Dual Cabin Installation Kit” from the authorised service. The instructions below have been prepared according to Built-in type. Built-in: The Appliance and Panels fully seat into the gap, and a material that can be their own box is jammed between the two kitchen cabinets or decorative columns. This is the most common installation scenario.

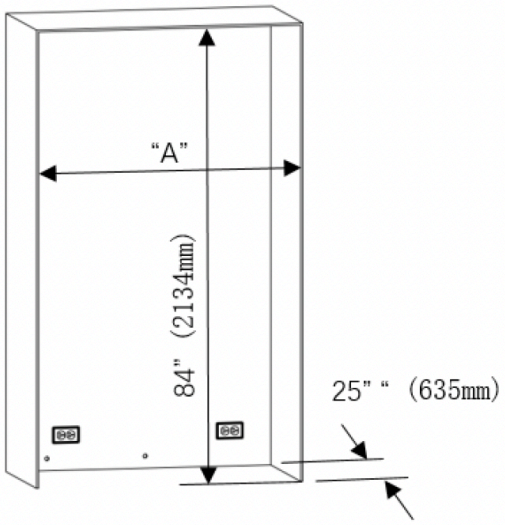
Cabin Dimensions
Cabin dimensions below must be checked before starting the installation.

Aligning the panels
There are two panel-adjustment mechanisms at the top and two at the bottom of the door. Adjust the panel so it aligns with the surrounding cabinetry.

The gap between the cabinet and the panel must be:

1/8” (3 mm) on top
1/8” (3 mm) on the side for single installation
3/16” (4 mm) on the side for pair installation





Cusom panel cutout dimension

Category	18”	24”	30”	36”
mm	451 * 2030	603 * 2030	756 * 2030	908 * 2030
inch	17 3/4 * 79 15/16	23 3/4 * 79 15/16	29 3/4 * 29 15/16	35 3/4 * 29 15/16

Dual cabin “A” dimension

no-	dual (a+b)	width (a)	width (b)	gap©	total(a+b+c)	width
	Product	Product	Product	Product	Cabin	Cabin
1	18”+24”	451mm	603 mm	12 mm	1066 mm	42.0”
2	18”+30”	451 mm	756 mm	12 mm	1219 mm	48.0”
3	18”+36”	451 mm	908 mm	12 mm	1371 mm	54.0”
4	24”+24”	603 mm	603 mm	12 mm	1218 mm	48.0”
5	24”+30”	603 mm	756 mm	12 mm	1371 mm	54.0”
6	24”+36”	603 mm	908 mm	12 mm	1523 mm	60.0”
7	30”+30”	756 mm	756 mm	12 mm	1524 mm	60.0”
8	30”+36”	756 mm	908 mm	12 mm	1676 mm	66.0”
9	36”+36”	908 mm	908 mm	12 mm	1828 mm	72.0”

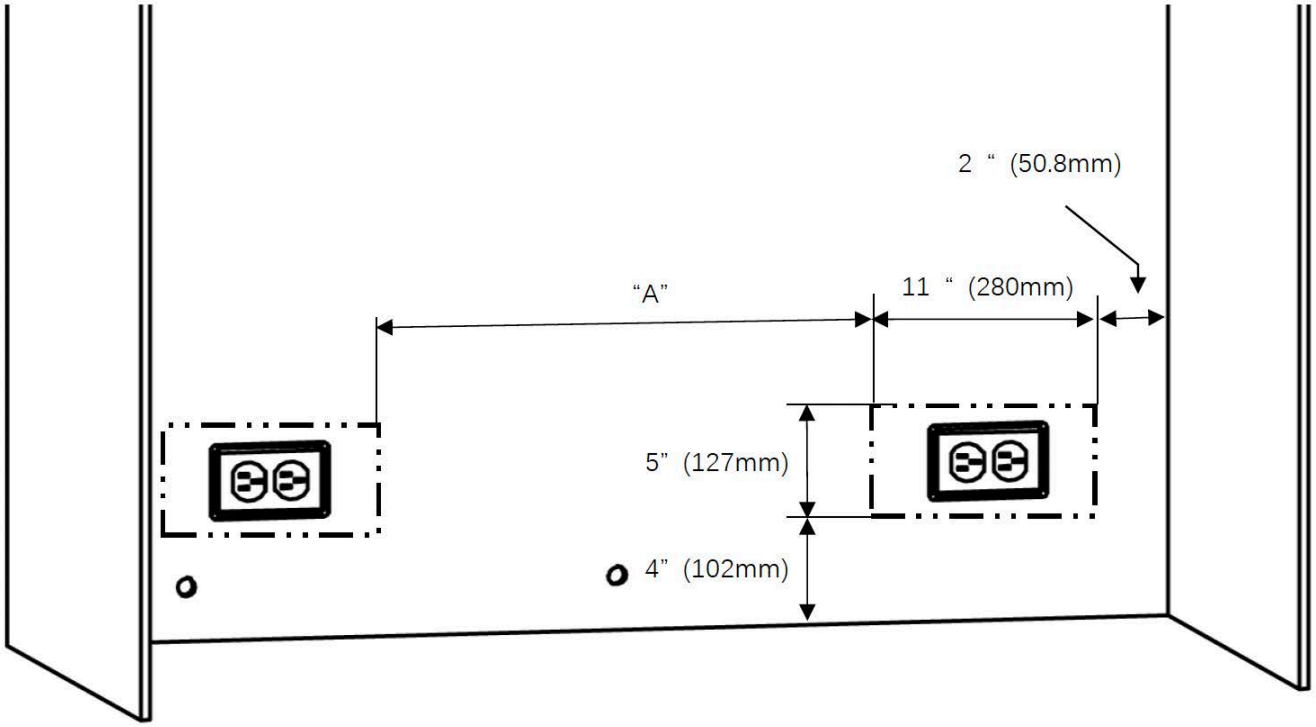
Built-in Column

Installation - Electrical Location

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.



"A" Dimension as below.

	18"+24"	18"+30"	18"+36"	24"+24"	24"+30"	24"+36"	30"+30"	30"+36"	36"+36"
mm	272	425	577	272	425	577	425	577	577
inch	10 3/4	16 3/4	22 3/4	10 3/4	16 3/4	22 3/4	16 3/4	22 3/4	22 3/4

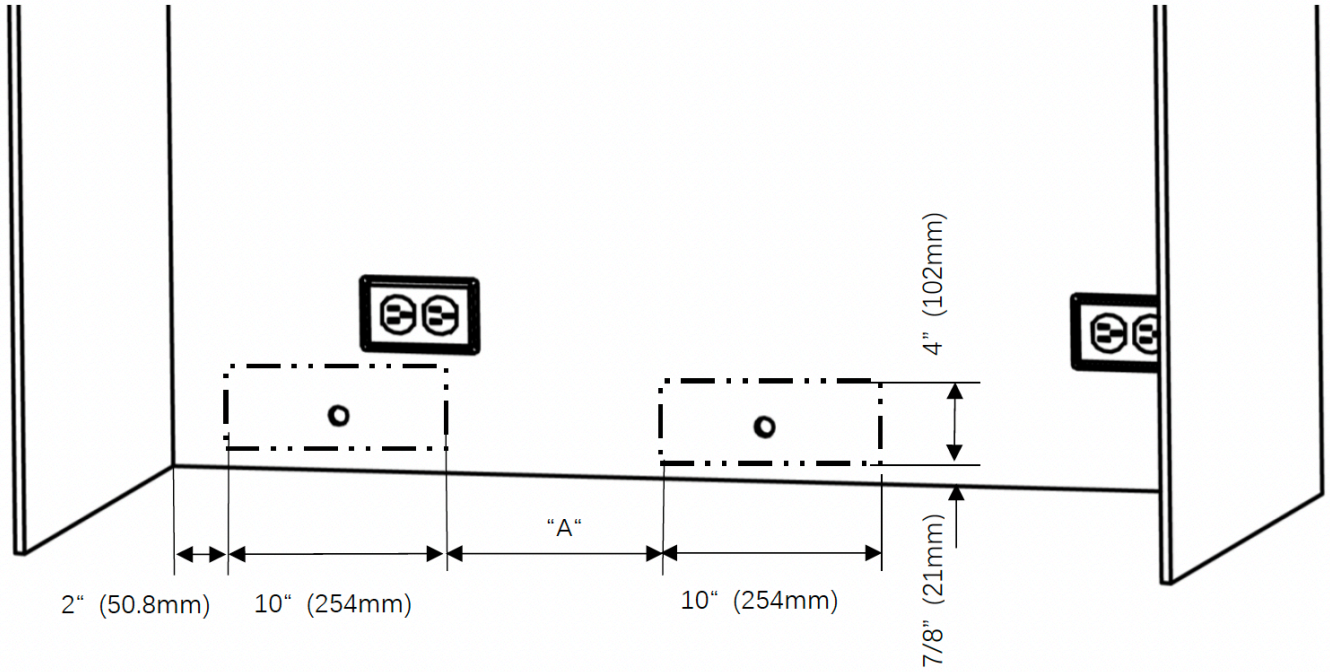
Built-in Column

Installation - Water System Location

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.

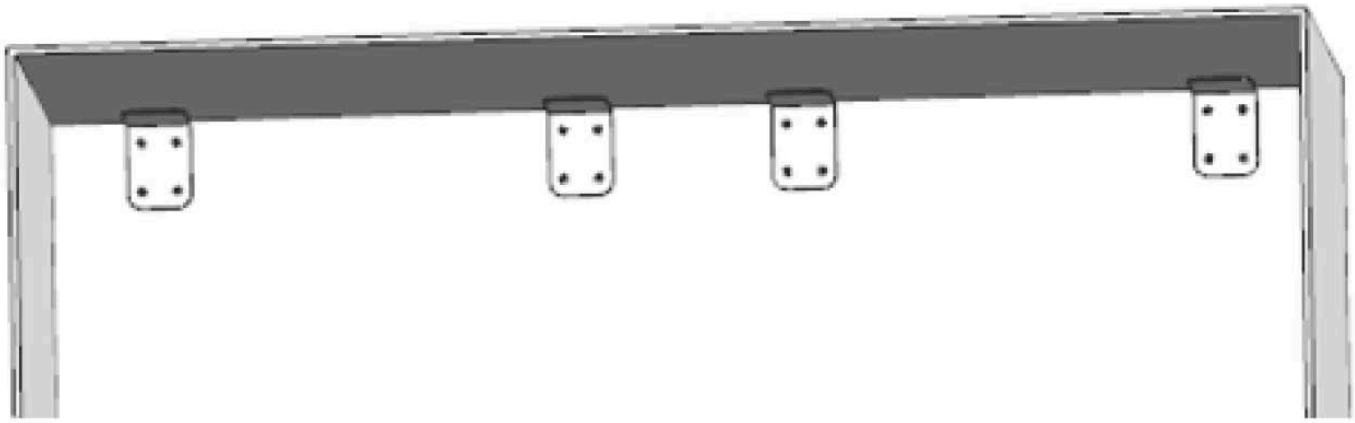


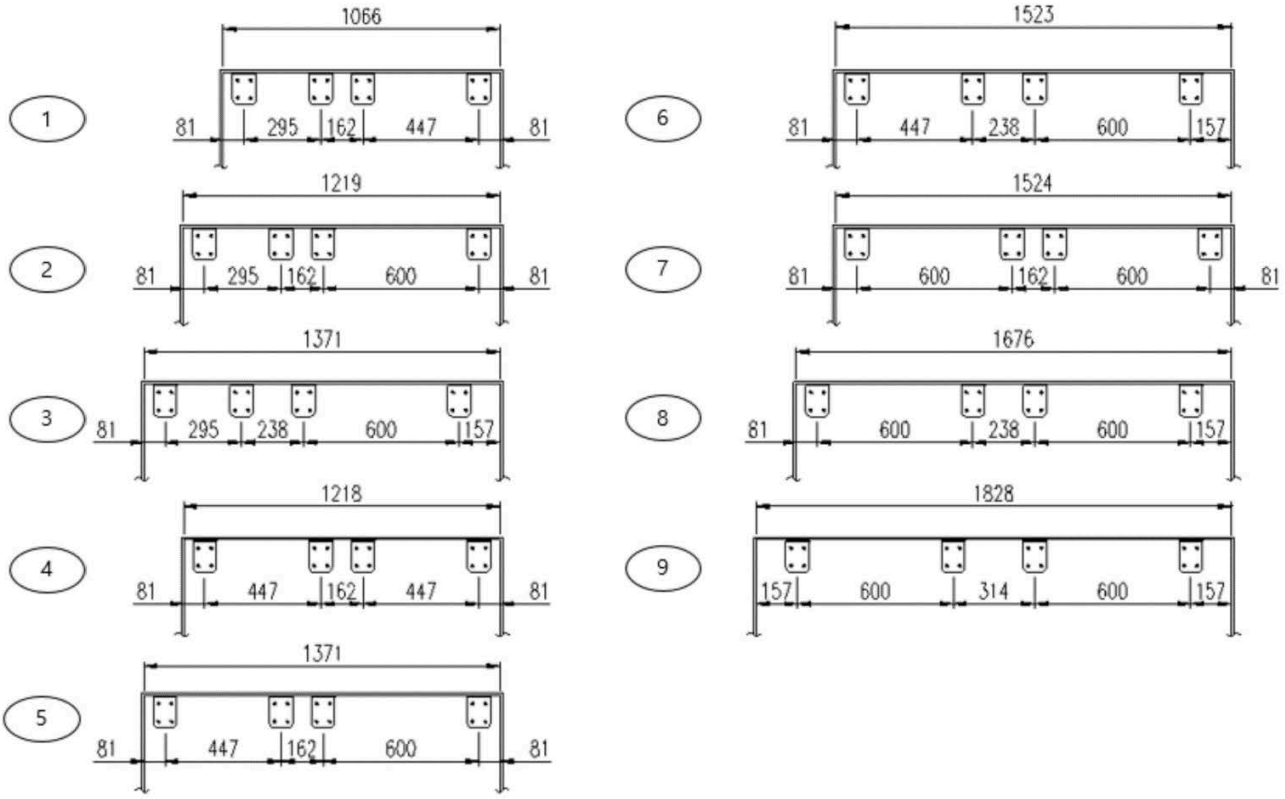
"A" Dimension as below.

	18"+24"	18"+30"	18"+36"	24"+24"	24"+30"	24"+36"	30"+30"	30"+36"	36"+36"
mm	146	146	146	298	298	298	451	451	603
inch	5 3/4	5 3/4	5 3/4	11 3/4	11 3/4	11 3/4	17 3/4	17 3/4	23 3/4

Built-in Column

Installation - Anti-Tip Bracket Location





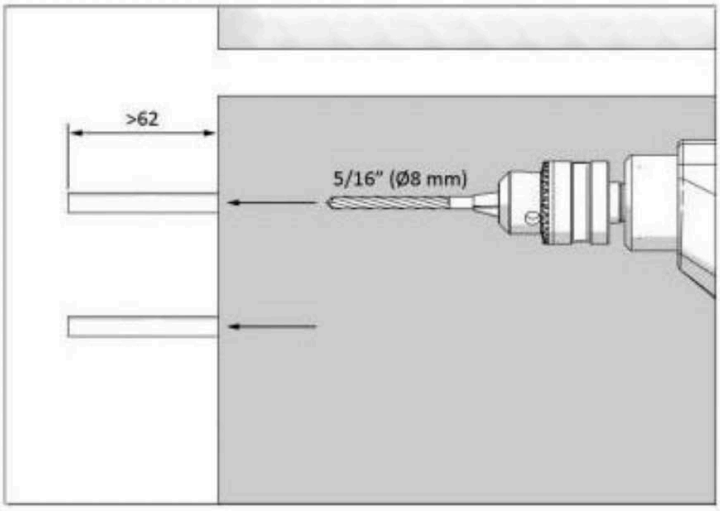
Category	1	2	3	4	5	6	7	8	9
dual	18”+24”	18”+30”	18”+36”	24”+24”	24”+30”	24”+36”	30”+30”	30”+36”	36”+36”

Built-in Column

Installation - Anti-Tip Bracket Location

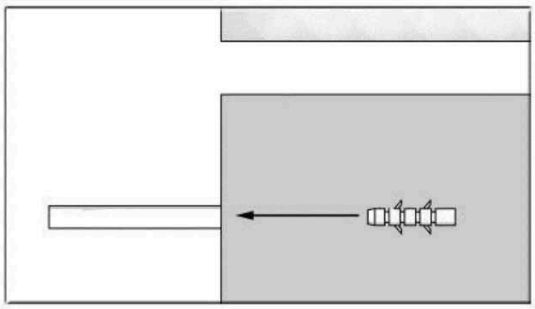
- Use a drill to create holes for dowels (item No.13) at the marked points. (5/16" -Ø8)





- Use the hammer to fit the dowels (item No.13).
- Fix anti-tip brackets with anti tip bracket screws (item No.13).





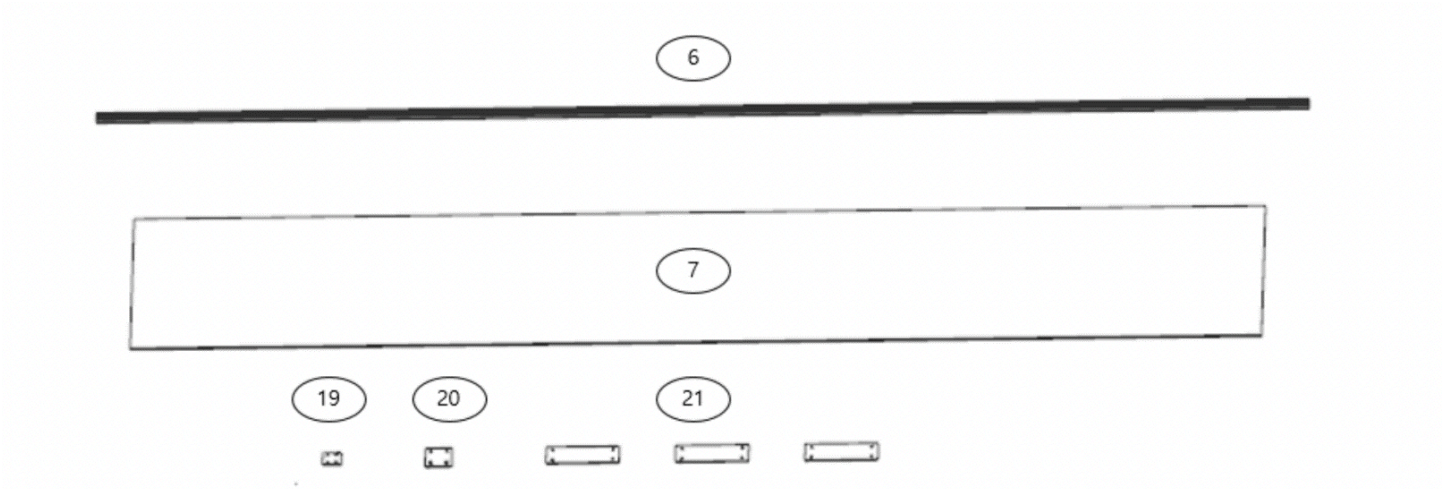


No 13

- Anti tip bracket screws
- dowels

Built-in Column

Installation - Mounting Parts Prep for Dual Cabin

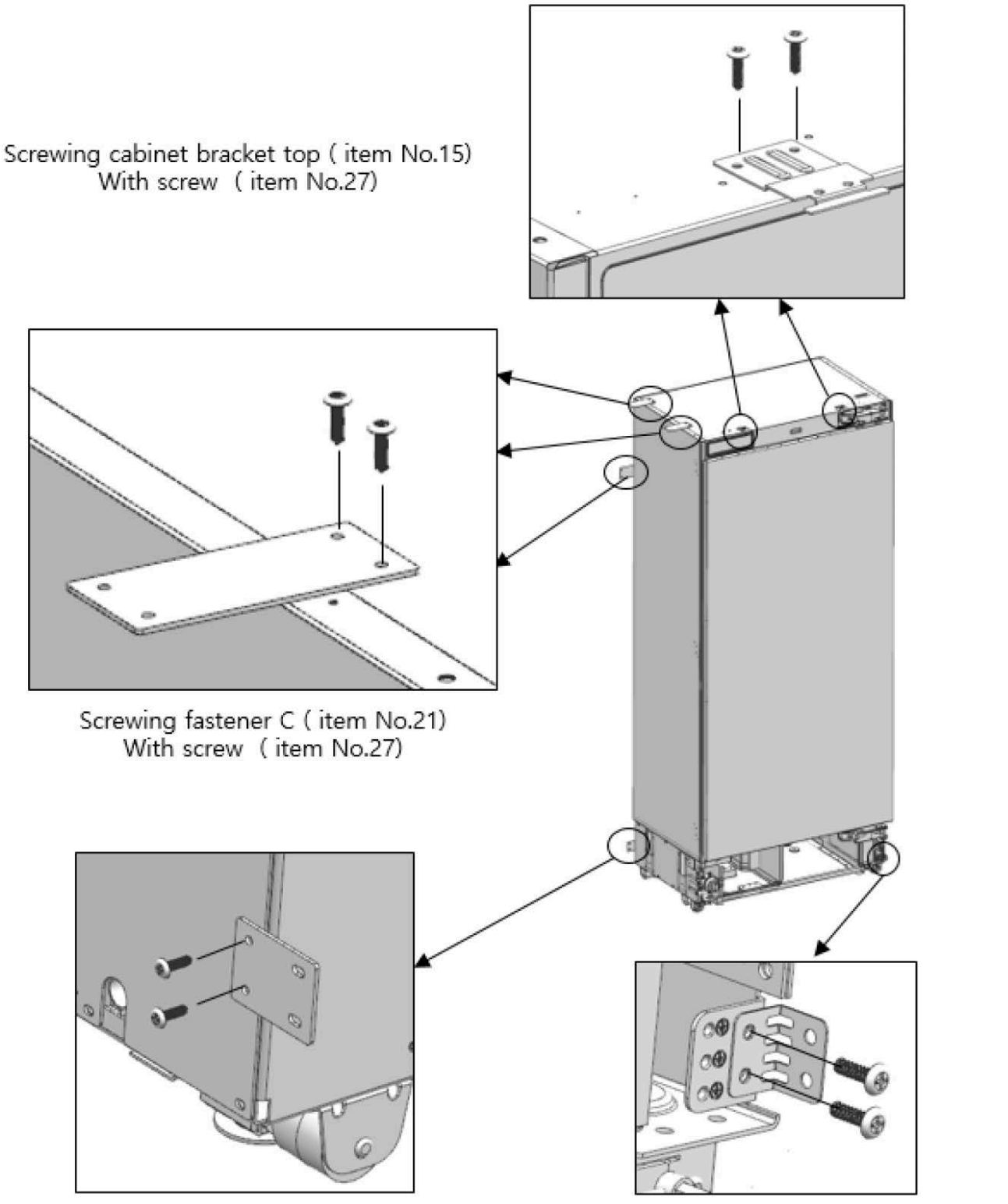


No	Part name	Spec	18"	24"	30"	36"	Remark
6	Cabinet center trim	PVC extrusion L=1,874	1	1	1	1	Dual cabin
7	Insulation sponge	T3.0*400*1750	1	1	1	1	Dual cabin
19	Fastener A	T2.0*43*29, Cr+zn-coating	1	1	1	1	Dual cabin
20	Fastener B	T2.0*56*41, Cr+zn-coating	1	1	1	1	Dual cabin
21	Fastener C	T2.0*56*41, Cr+zn-coating	3	3	3	3	Dual cabin

Built-in Column

Installation - Fixing the Fasteners

Attach the 3 kinds of fasteners to the cabinet as shown in the figure and screwing (item No.27).



Built-in Column

Installation - Fixing the Fasteners

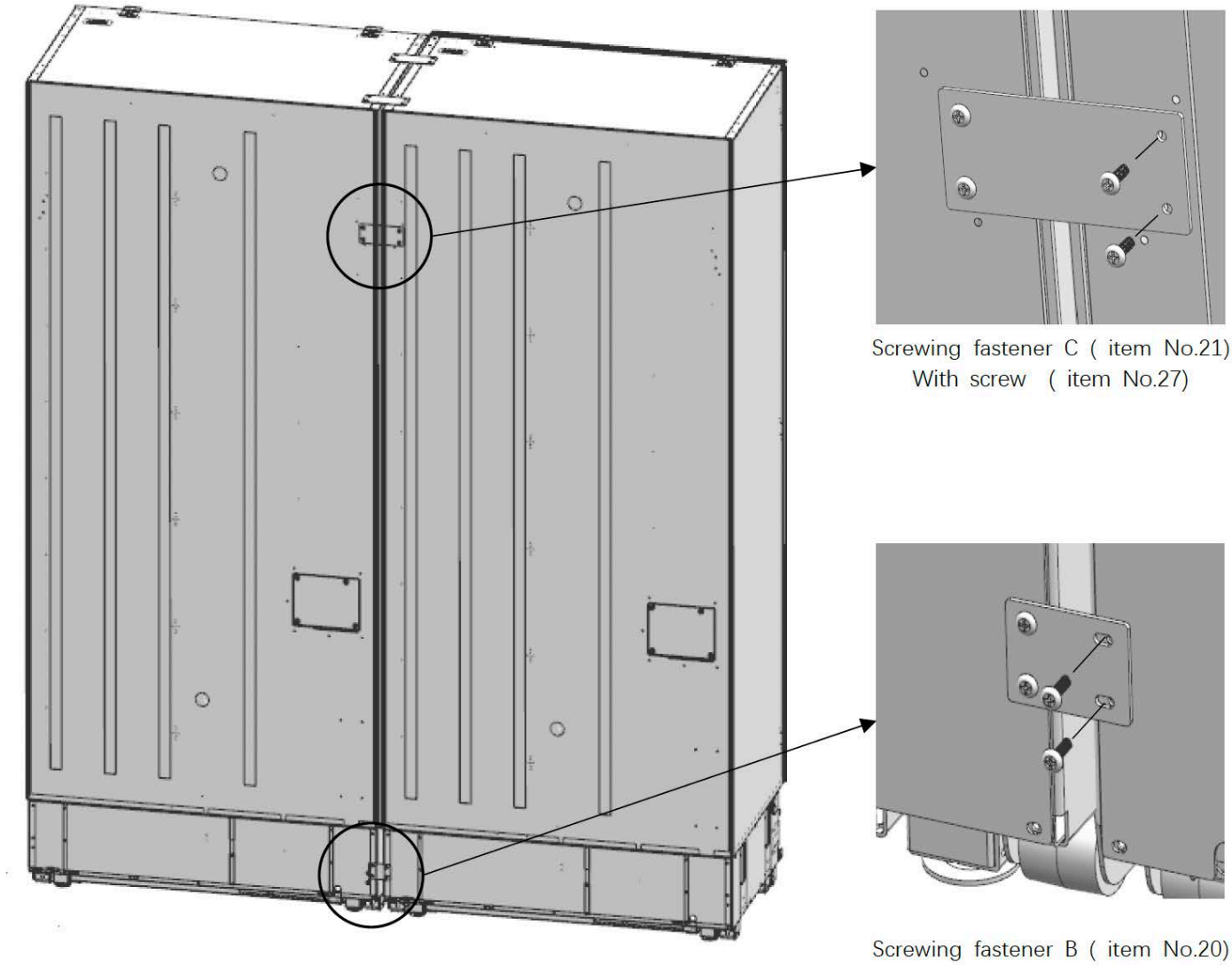
Stick the Insulation Sponge (item No.7) to the side panel so that it remains in between two cabins.



Built-in Column

Installation - Joinning two products

Bring the two refrigerators side by side. After making sure that they are in alignment, screw fasteners to the other refrigerator.

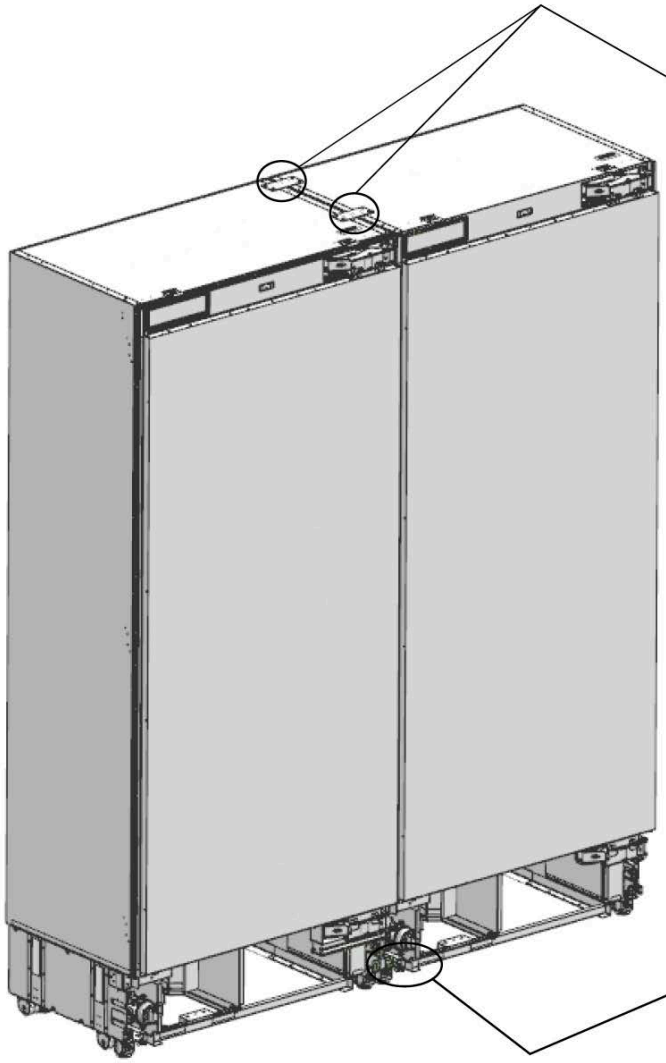


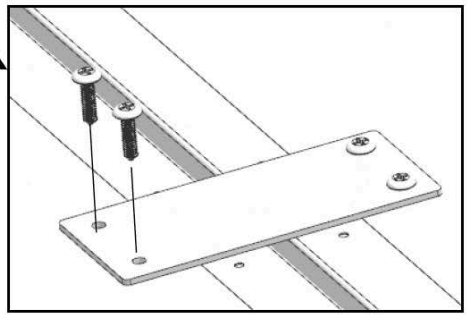
Screwing fastener C (item No.21)
With screw (item No.27)

Screwing fastener B (item No.20)
With screw (item No.27)

Built-in Column

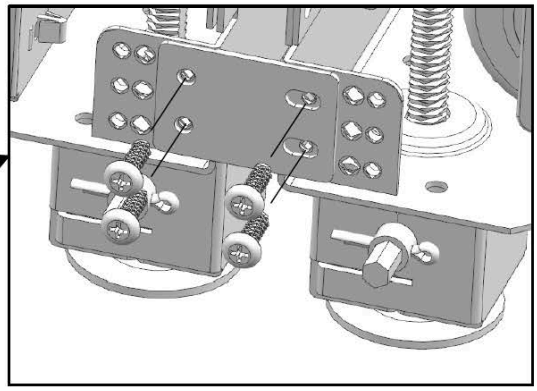
Installation - Joinning two products





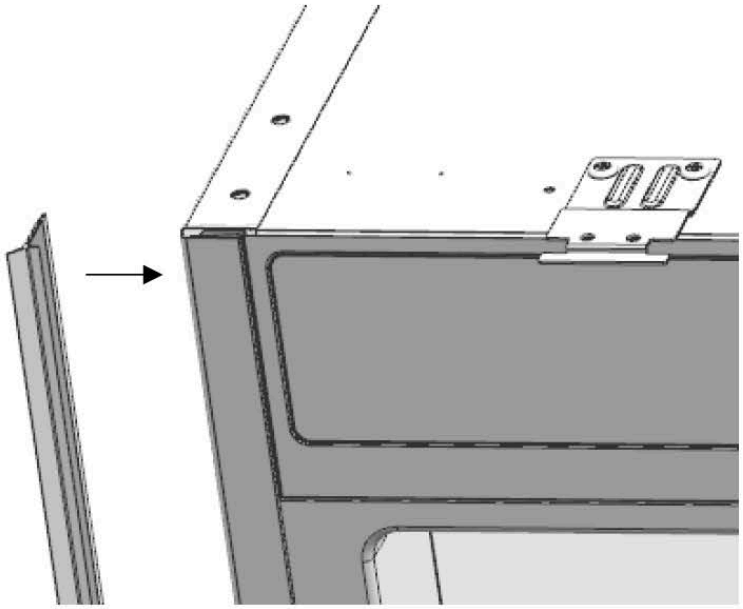
Screwing fastener C (item No.21)
With screw (item No.27)

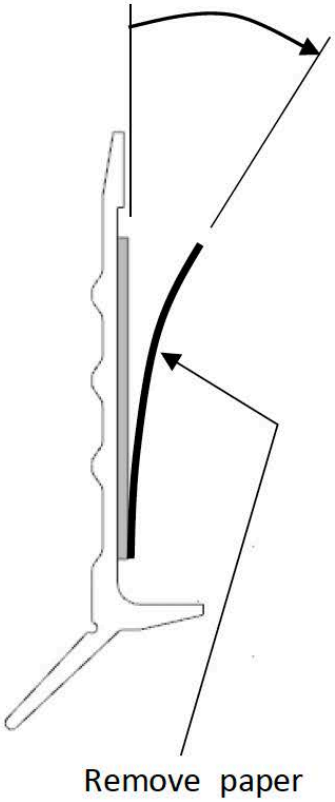
Screwing fastener A (item No.19)
With screw (item No.27)

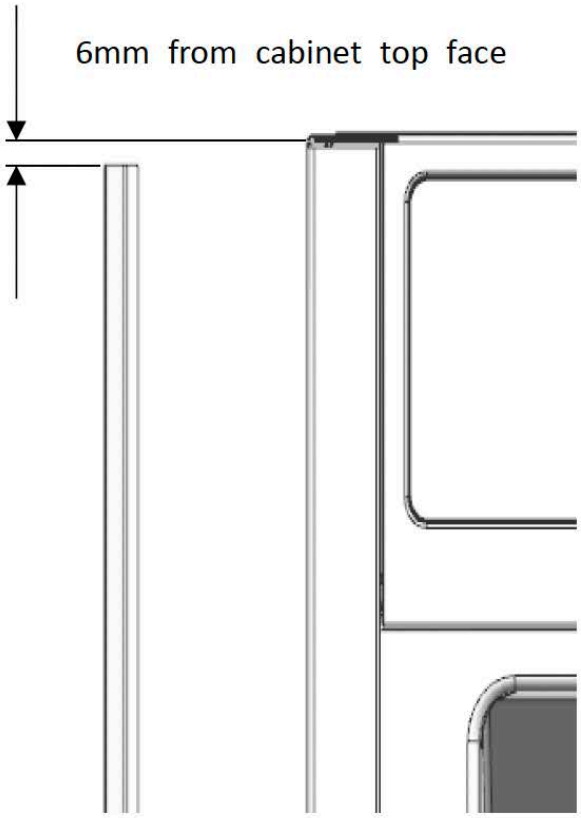


Built-in Column

Installation - Joinning two products



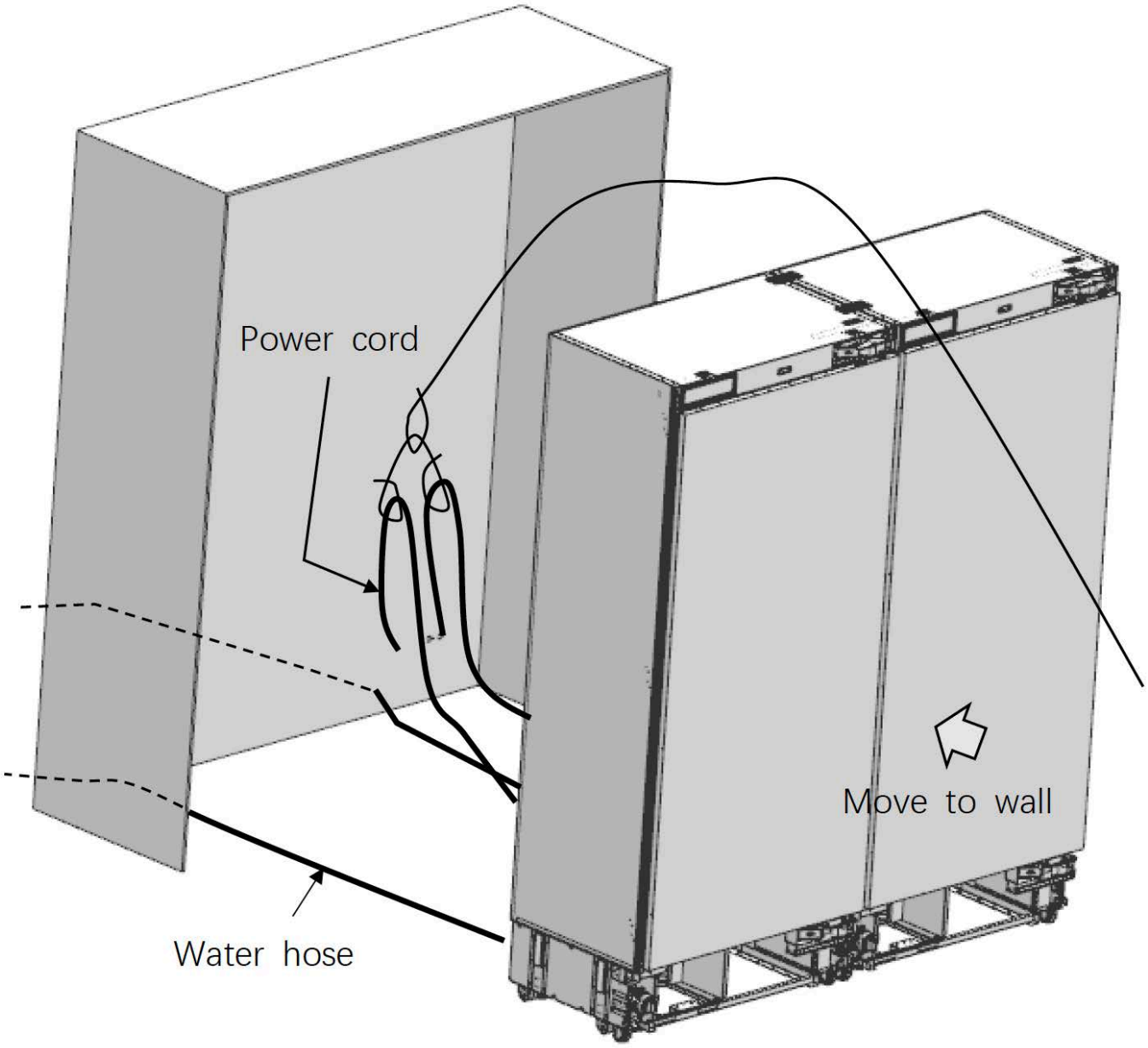




Built-in Column

Installation - Joinning two products

Push the refrigerators into the cabin.



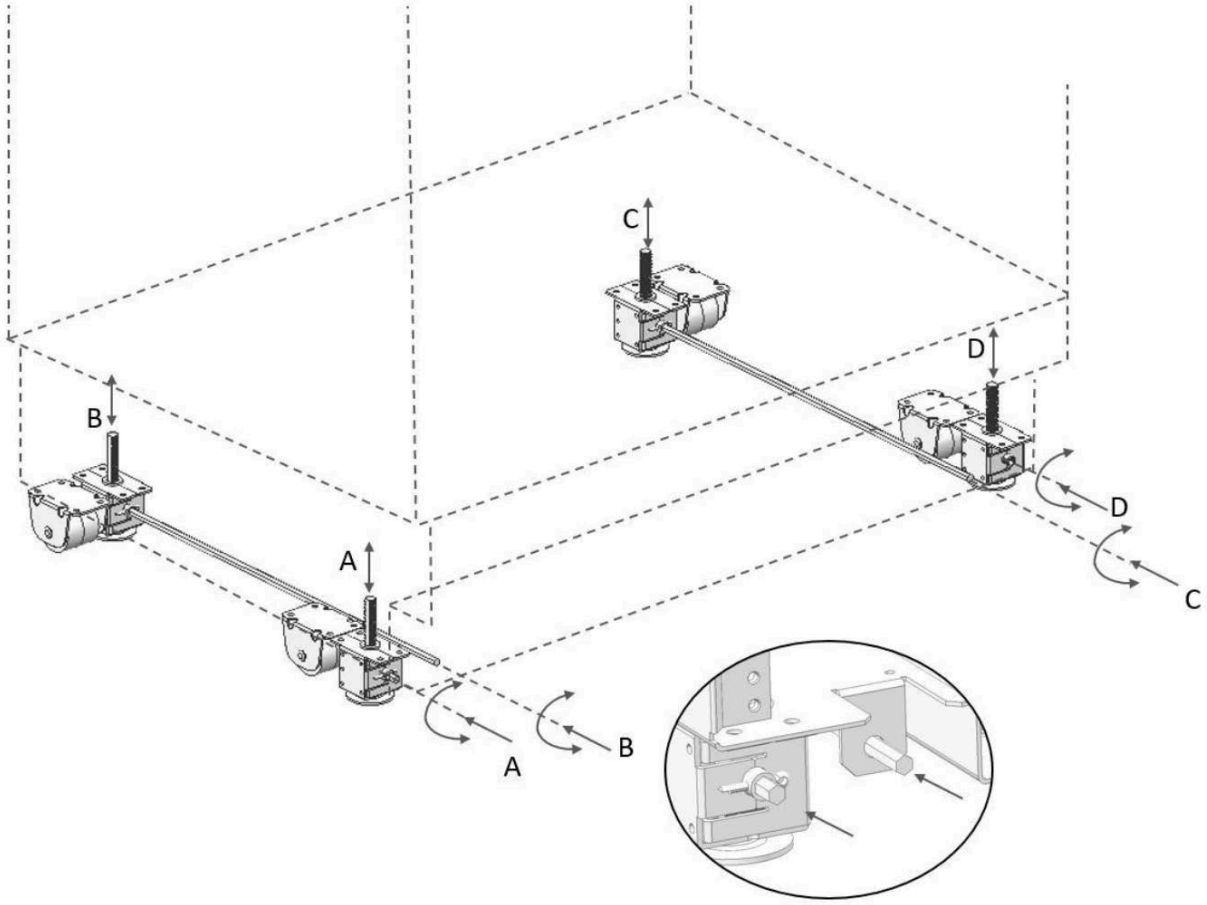
Make power and water connections of the refrigerator as explained before.

Built-in Column

Installation - Adjusting the refrigerator height

Adjust the refrigerator height using the adjustable feet.





WARNING

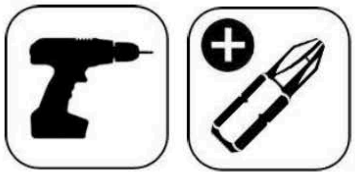
First of all, raise the front feet to reduce the risk of the cabin falling frontward.

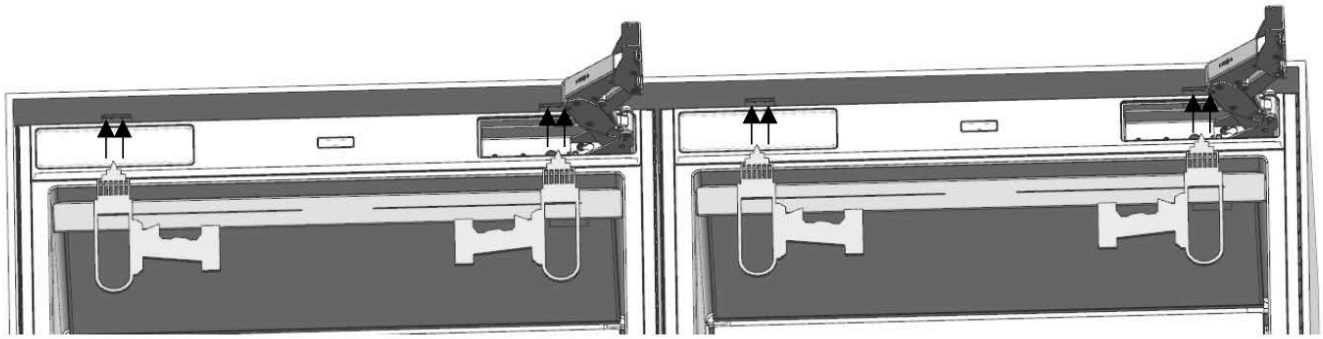
A/D –Turn the key clockwise to lift the front
B/C –Turn the key clockwise to lift the rear

Built-in Column

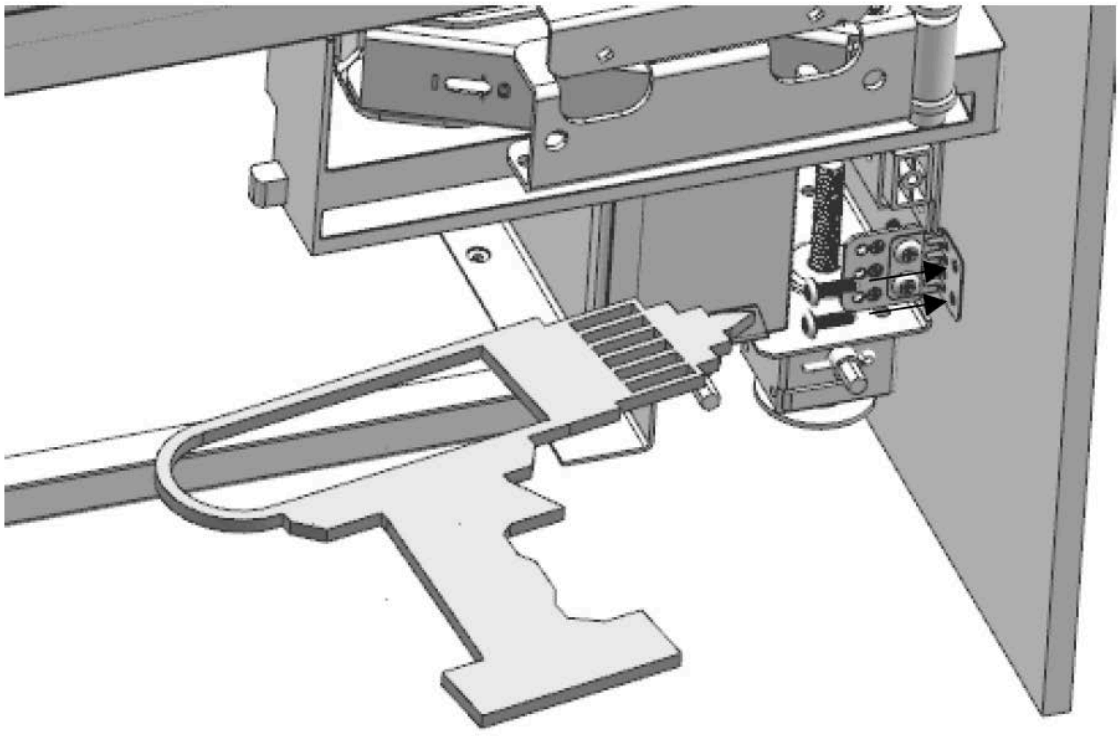
Installation - Fixing refrigerators to the cabin with screws

Screwing the cabinet bracket top (item No.15) on the cabin top wall with screws (item No.28).





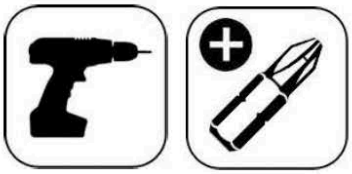
Screwing the cabinet bracket under (item No.16) on the cabin bottom wall with screws (item No.28).

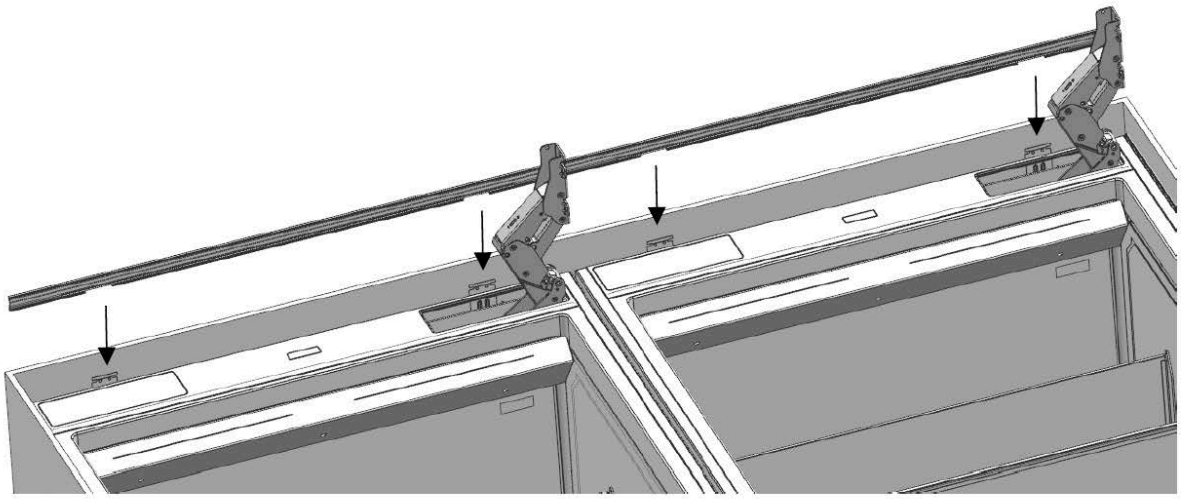


Built-in Column

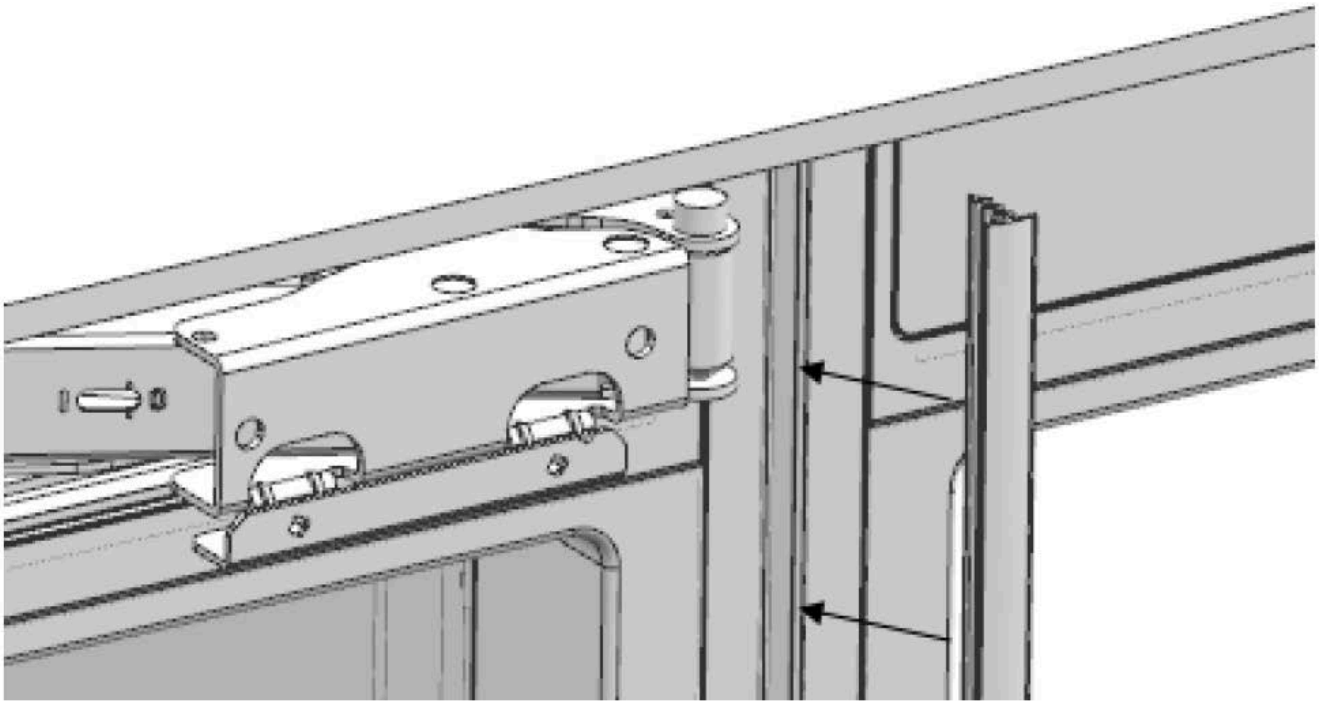
Installation - Attaching the Decorative Pieces

Close the upper part with the cabinet top trim (item No.3).





Close the cabinet center part with cabinet center trim (Item No.6) between two refrigerators.



Warranty

At Induction Hardware, we believe great products should be built to last and supported by people who care. Your appliance is backed by our warranty as part of our commitment to quality, craftsmanship, and long-term reliability.

For full warranty details, please visit our website where we store our warranty information (URL below):

https://inductionhardware.com/pages/warranty-and-service.

Thank you for being part of the Induction Hardware community and if you ever need assistance, our team is always here to help.





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