

Blomberg

Refrigerator

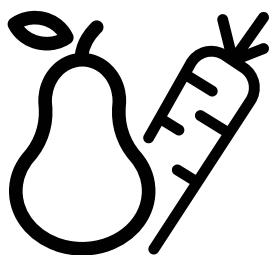
User Manual

Réfrigérateur

Manuel d'utilisation

Refrigerador

Manual del usuario



BRFD2230SS-BRFD2230XSS

EN/FR/ES

57 6124 0000/BD -EN-FR-ES



Please read this manual before using the product!

Dear Customer,





We'd like you to make the best use of our product, which has been manufactured in modern facilities with care and meticulous quality controls.

Thus, we advise you to read the entire user manual before you use the product. In case the product changes hands, do not forget to hand the guide to its new owner along with the product.

This guide will help you use the product quickly and safely.

- Please read the user guide carefully before installing and operating the product.
- Always observe the applicable safety instructions.
- Keep the user guide within easy reach for future use.
- Please read any other documents provided with the product.

Keep in mind that this user guide may apply to several product models. The guide clearly indicates any variations of different models.

	Important information and useful tips.
	Risk of life and property.
	Risk of electric shock.
	The product's packaging is made of recyclable materials, in accordance with the National Environment Legislation.

1 Important instructions for safety and environment

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This section contains safety instructions that will help protect from risk of personal injury or property damage.

Failure to follow these instructions shall void any warranty.

Intended use

– WARNING: Keep ventilation openings, in the appliance enclosure or in the built-in structure, clear of obstruction.

– WARNING: Do not use mechanical devices or other means to accelerate the defrosting process, other than those recommended by the manufacturer.

– WARNING: Do not damage the refrigerant circuit.

NOTE :This warning is only applicable to appliances with refrigerating circuits which are accessible to the user.

– WARNING: Do not use electrical appliances inside the food storage compartments of the appliance, unless they are of the type recommended by the manufacturer.

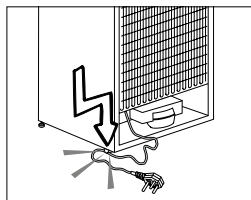
This appliance is intended to be used in household and similar applications such as

- staff kitchen areas in shops, offices and other working environments;
- farm houses and by clients in hotels, motels and other residential type environments;
- bed and breakfast type environments;
- catering and similar non-retail applications.

1.1 General safety

- This product can be used by children at and above 8 years old and by persons whose physical, sensory or mental capabilities were not fully developed or who lack experience and knowledge provided that they are supervised or trained on the safe usage of the product and the risks it brings out. Children must not play with the product. Cleaning and maintenance works should not be performed by children unless they are supervised by someone.
- Unplug the product if a failure occurs while it is in use.
- If the product has a failure, it should not be operated unless it is repaired by the Authorized Service Agent. There is the risk of electric shock!
- Connect the product to a grounded outlet protected by a fuse complying with the values in the rating plate. Have the grounding installation made by a qualified electrician. Our company shall not be liable for any damages that will arise when the product is used without grounding in accordance with the local regulations.

- Do not tuck the power cord under the product or to the rear of the product. Do not put heavy items on the power cord. The power cord should not be bent, crushed, and come into contact with any heat source.






- Never wash the product by spreading or pouring water onto it! There is the risk of electric shock!
- Never touch the plug with wet hands! Never unplug by pulling on the cable, always pull out by grabbing the plug.
- Do not plug the refrigerator if the wall outlet is loose.
- Never connect your refrigerator to electricity-saving systems. Such systems are harmful for the product.
- Unplug the product during installation, maintenance, cleaning and repairing procedures.
- Always have the installation and repairing procedures carried out by the **Authorized Service Agent**. The Manufacturer shall not be held liable for damages that may arise from procedures carried out by unauthorised persons.
- Do not put bottled and canned liquid beverages in the freezer compartment. They may burst!
- Never use steam and steam assisted cleaning materials to clean or defrost the refrigerator. Steam will cause short circuit or electric shock since it would get into contact with the electrical parts in the refrigerator!
- Never use the parts on your refrigerator such as the door and drawer as a means of support or step. This will cause the product to tip over or parts of it get damaged.
- Do not damage the cooling circuit, where the refrigerant is circulating, with drilling or cutting tools. The refrigerant that might blow out when the gas channels of the evaporator, pipe extensions or surface coatings are punctured may cause skin irritations and eye injuries.
- Do not cover or block the ventilation holes on the refrigerator with any material.
- Do not use gaseous sprays near the product since there is the risk of fire or explosion!
- Flammable items or products that contain flammable gases (e.g. spray) as well as the explosive materials should never be kept in the appliance.

Important instructions for safety and environment

- Do not place containers filled with liquid on top of the product. Spilling water on an electrical component may cause electric shocks or risk of fire.
- Do not store products (vaccines, heat-sensitive medicines, scientific materials and etc.) that require a precise temperature control in the refrigerator.
- If you will not operate the product for a long period of time, unplug and unload the food in it.
- If the product is equipped with blue light, do not look at the blue light with optical tools.
- In products with mechanical control (thermostat), wait for minimum 5 minutes to plug in the product again after unplugging it.
- Do not overload the product. It may fall when the door is opened, and cause injury or damage. Similar problems may occur in case of putting things on top of the product.
- Pay attention not to have your hand or any part of your body get caught by the moving parts inside the product.
- If there is risk of water hammer effect in your installation, always use a water hammer prevention equipment in your installation. Consult Professional plumbers if you are not sure that there is no water hammer effect in your installation.
- Do not install on the hot water inlet. Take precautions against of the risk of freezing of the hoses. Water temperature operating interval shall be 33°F (0.6°C) minimum and 100°F (38°C) maximum.
- Use only potable water.

1.1.1 HCA warning

- If your product's cooling system contains R600a: This gas is flammable. Therefore, pay attention to not damaging the cooling system and piping during usage and transportation. In the event of damage, keep your product away from potential fire sources that can cause the product catch a fire and ventilate the room in which the unit is placed.

	If the product is equipped with a cooling system containing R134a gas, ignore this warning.
	You can learn the gas used in production of your product on the rating plate located on the left inner part of it.
	WARNING: Never dispose the product in fire.

1.1.2 For products with a water dispenser


- Pressure for cold water inlet shall be maximum 90 psi (620 kPa). If your water pressure exceeds 80 psi (550 kPa), use a pressure limiting valve in your mains system. If you do not know how to check your water pressure, ask for the help of a professional plumber.

1.2 Intended use

- This product has been designed for domestic use. It is not suitable for commercial use and it must not be used out of its intended use.
- Product must be used only for storing food.
- The manufacturer waives any responsibility arisen from incorrect usage or transportation.

1.3 Children's safety

- If the door has a lock, the key should be kept away from reach of children.
- Children must be supervised to prevent them from tampering with the product.



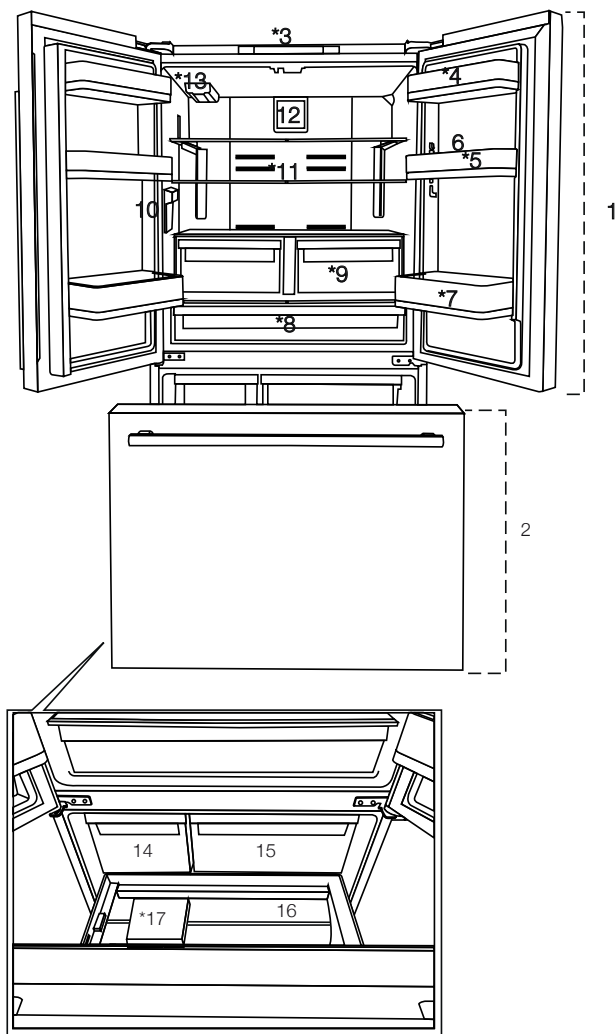
DANGER: Risk of child entrapment.
Before you throw away your old refrigerator or freezer:

- Take off the doors.
- Leave the shelves in place so that children may not easily climb inside.

1.4 Package information

- Packaging materials of the product are manufactured from recyclable materials in accordance with our National Environment Regulations. Do not dispose of the packaging materials together with the domestic or other wastes. Take them to the packaging material collection points designated by the local authorities.
- « Contact qualified personnel for disposal. »
- « Contact qualified personnel for servicing. »

2 Your Refrigerator



- 1- Fridge compartment
- 2- Bottom Freezer
- 3- Display/indicator panel
- 4- Butter & cheese section
- 5- Fridge compartment door shelf
- 6- Egg Tray
- 7- Bottle shelf
- 8- Chiller compartment
- 9- Crisprs
- 10- Inner water dispenser
- 11- Adjustable glass shelf
- 12- Fan Cover
- 13- Water filter
- 14- Ice container
- 15- Frozen Food Storage Bin (Upper)
- 16- Frozen Food Storage Bin (Lower)
- 17- Separator



Figures in this user manual are schematic and may not match the product exactly. If the subject parts are not included in the product you have purchased, then those parts are valid for other models.

3 Installation

Refer to the nearest Authorized Service Agent for installation of the product. To make the product ready for use, make sure that the electricity installation is appropriate before calling the Authorized Service Agent. If not, call a qualified electrician to have any necessary arrangements carried out.



Preparation of the location and electrical installation at the place of installation is under customer's responsibility.



Product must not be plugged in during installation. Otherwise, there is the risk of death or serious injury!



WARNING: Installation and electrical connections of the product must be carried out by the Authorised Service Agent. Manufacturer shall not be held liable for damages that may arise from procedures carried out by unauthorised persons.



WARNING: Prior to installation, visually check if the product has any defects on it. If so, do not have it installed. Damaged products cause risks for your safety.



Make sure that the power cable is not pinched or crushed while pushing the product into its place after installation or cleaning procedures.

3.1 Appropriate installation location



WARNING: If the door of the room where the product will be placed is too small for the product to pass, then the product's doors must be removed and the product must be turned sideways to pass it through.

- Choose a place at where you would use the product comfortably.
- Install the product at least 30 cm/12" away from heat sources such as hobs, ovens, heater cores and stoves and at least 5 cm/2" away from electrical ovens. Product must not be subjected to direct sun light and kept in humid places after installation.
- Your product requires adequate air circulation to function efficiently. If the product will be placed in an alcove, remember to leave at least 2" from ceiling, 1/2" from sides and 1 3/4" in the back.

- Do not place the product on the materials such as rugs or carpets.
- Place the product on an even floor surface to prevent wobbling.
- Do not install the product in places where the temperature falls below 10°C /50°F.



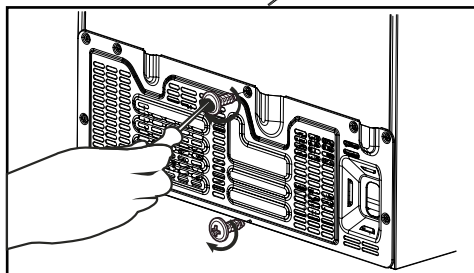
If two coolers are to be installed side by side, there should be at least 4 cm 1 1/2" distance between them.

3.2 Alcove installation parts

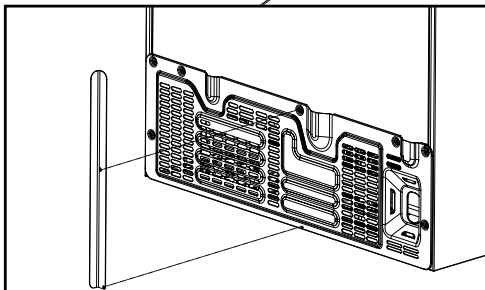
Make sure that the sufficient room is provided around the appliance to ensure free air circulation. For efficient functioning in the alcove, below parts should be added to product.

circulation part

unscrew before the installation



Install the vertical metal bracket and screw.



Installation

3.3 Electrical connection

- Electrical connection must comply with national regulations.
- Power cable plug must be within easy reach after installation.
- The specified voltage must be equal to your mains voltage.
- Do not make connections via extension cables or multi-plugs.



WARNING: Damaged power cable must be replaced by the Authorized Service Agents.



WARNING: If the product has a failure, it should not be operated unless it is repaired by the Authorized Service Agent! There is the risk of electric shock!

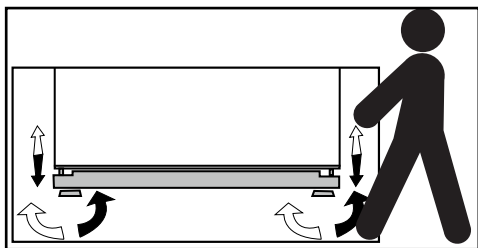
3.4 Adjusting the feet

If the product stands unbalanced after installation adjust the feet. Use another person to safely tilt the product during this process.



WARNING: First unplug the product. Product must not be plugged in when adjusting the feet. There is the risk of electric shock!

Turn the front feet to balance the product. The corner where the foot exists is lowered when you turn in the direction of arrow and raised when you turn it in the opposite direction.



3.5 Illumination lamp

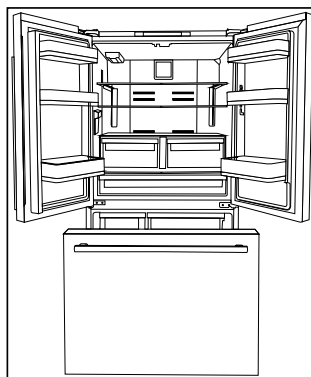
Do not attempt to repair yourself but call the Authorized Service Agent if the LED illumination lamps do not go on or are out of order.

The lamp(s) used in this appliance is not suitable for household room illumination. The intended purpose of this lamp is to assist the user to place foodstuffs in the refrigerator/freezer in a safe and comfortable way.

3.6 Door open warning




(This feature may vary depending on the door of the product and may not exist in some models.)

An audio warning signal will be given when the door of your product is left open for 1 minute. This warning will be muted when the door is closed or any of the display buttons (if any) are pressed.



3.7 Water connection

Depending on the model of the refrigerator, you can connect it either to a carboy or water mains. First you must connect the water hose to the refrigerator.

	In cases where a carboy is used, a separate pump must also be used.
	WARNING: Refrigerator and the pump, if any, must be unplugged during connection.
	Following parts may not be supplied with your product since they are not required when using a carboy.

Check that following part have been delivered together with the product:

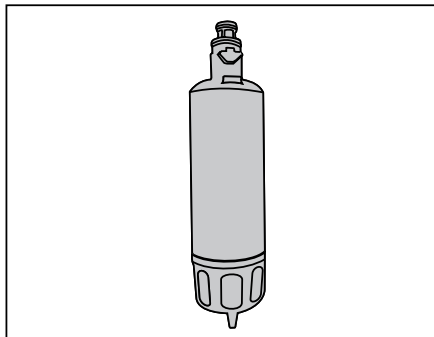
External water filter. (If there is a carboy connection; it is not necessary to use a water filter.)

Installation

3.7.1 Before Installation

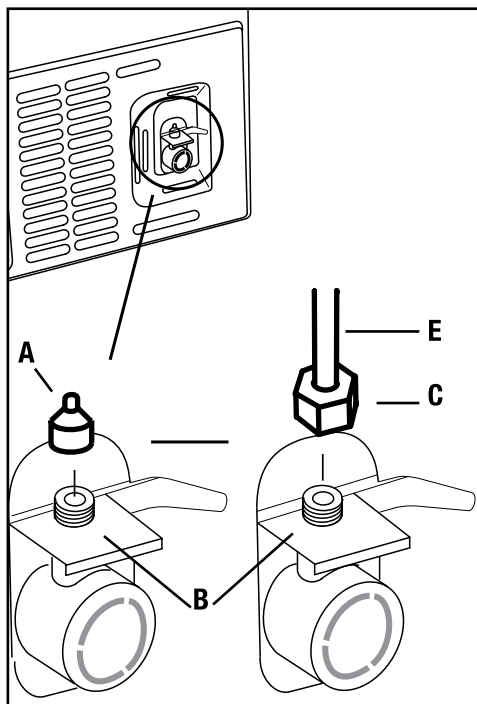
Make sure that you have everything necessary to ensure proper installation before proceeding, including:

Your product comes with an internal water filter for use inside the fridge. Part number of the filter is 4918450200 and you can use this part number when ordering replacement filters.



3.8 Connecting the water hose to the refrigerator

1. Remove the valve channel cover (A) from the water inlet valve.
2. Slip the union (C) water inlet valve (B).
3. Push the water hose downwards firmly to slip it onto the water inlet valve (B).
4. Tighten the union (C) by hand to secure it onto the water inlet valve.



Normally, you are not required to tighten the union with a tool. However, you can use a pliers or pliers to tighten the union if there is a leakage.

3.9 Connecting the water line to the water supply

Connect the water line to a water supply valve. If a valve is not present or you are not sure, consult a qualified plumber.



3.10 Water filter

(in some models)


Your refrigerator may be equipped with an external or internal filter depending on the model. To fit the water filter, follow the instructions below referring to the figures supplied:

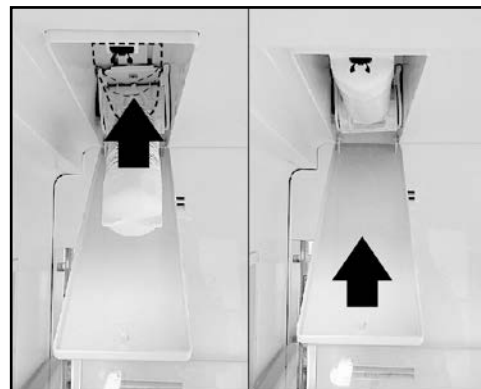


Filter end of life warning.

3.10.1 Attaching the internal filter into the refrigerator

Filter replacement consists of 2 parts. These are physically changing the filter and making adjustments on the display.

1. Press **"Ice Off"**  button before removing the by pass cover.
2. Slide the water filter cover forward.
3. Remove the water filter bypass plug by turning it downwards.
4. Seat the water filter cover into the mechanism and push forwards to lock it in place.
5. Press **"Ice Off"** button on the display again to exit this mode.



WARNING: Ensure that the Ice Off mode is enabled before removing the by-pass cover.



It is normal that a few drops of water drip after the cover has been removed.



Water filter must be replaced every 6 months. Make sure that the "Ice Off" mode is enabled before removing the filter.



WARNING: Water filter cleans some foreign particles in the water. It does not purify water from microorganisms.

3.11 Before starting to use the water/ice dispenser

- Water system of the refrigerator must be connected to the cold water line. **It must not be connected to hot water line.**
- No water may be obtained in the initial start-up of the refrigerator. Because there is air in the system. To discharge air from the system, press dispenser latch for 1-2 minutes until water comes from the dispenser. Water flow may be irregular at the beginning. After the air in the system is discharged, water flow will return to normal place container under dispenser nozzle.
- The first 10 glasses of water should not be consumed.
- During initial use, you will have to wait approximately 12 hours to cool the water.
- It will take around 1-2 days for the system to produce required amount of ice.
- If the water dispenser is not used for a long period of time, first 1-2 glasses of water can be hot.
- If a power outage or a temporary failure occurs while the refrigerator is operating, ice can melt down a little bit and then get frozen again. In such a case, ice cubes can stick to each other. If the outage or failure prolongs, ice can melt down causing water leakage. If you experience such a problem, empty and clean the ice container.
- Ice cubes can stick to each other if they are left in the container for a long time.
- The water system installation of the refrigerator must be performed by the Authorized Service Agent.
- If the product is to be connected to the water mains, make sure that you use potable water.
- Water system of the product is designed to operate only with water. Do not use beverage such as soft drinks and/or juices in the water system.

- It is recommended that the water is disconnected if you will not be using the refrigerator for a long period of time due to vacation or similar reasons.
- Do not attempt to dismantle the ice container group assembly parts.
- Do not attempt to clean the ice container assembly without removing it from the refrigerator.
- When taking water from the water dispenser, remove the glass from the opening 1 second after releasing the trigger. Thus, water in the system will not drip into the drip tray.

3.12 Transportation of the product

1. Unplug the product before transporting it.
2. Remove water connections.
3. Secure the shelves, accessories, crisper and etc. in the refrigerator by adhesive tape before repackaging it.



Packaging must be tied with thick tapes or strong ropes and the rules of transportation printed on the package must be followed.



Original packaging and foam materials should be kept for future transportations.

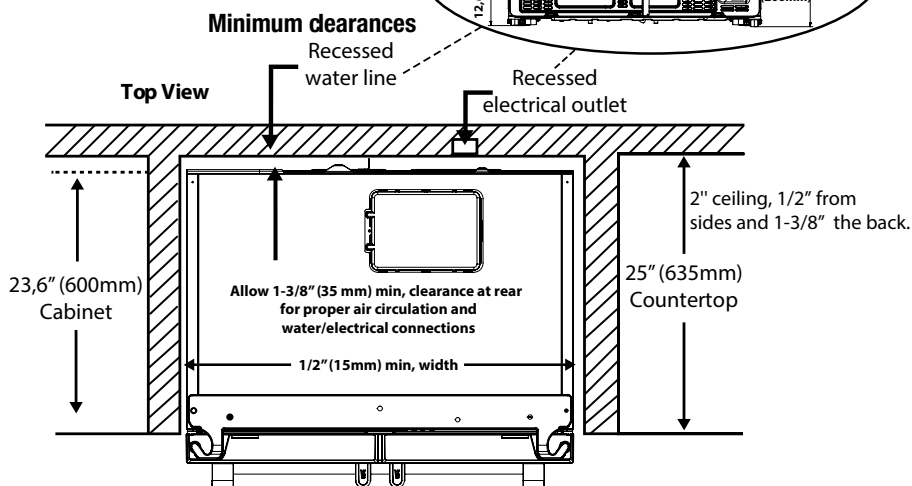
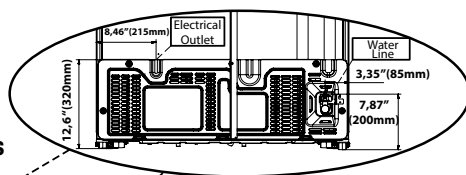
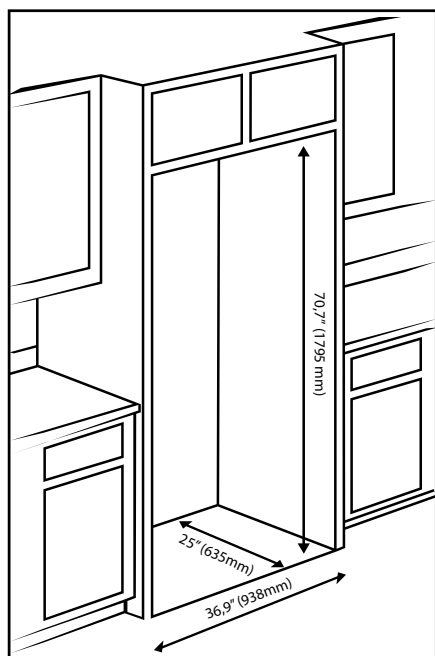


WARNING: Packaging materials are dangerous for the children. Keep packaging materials in a safe place away from reach of the children.

Installation

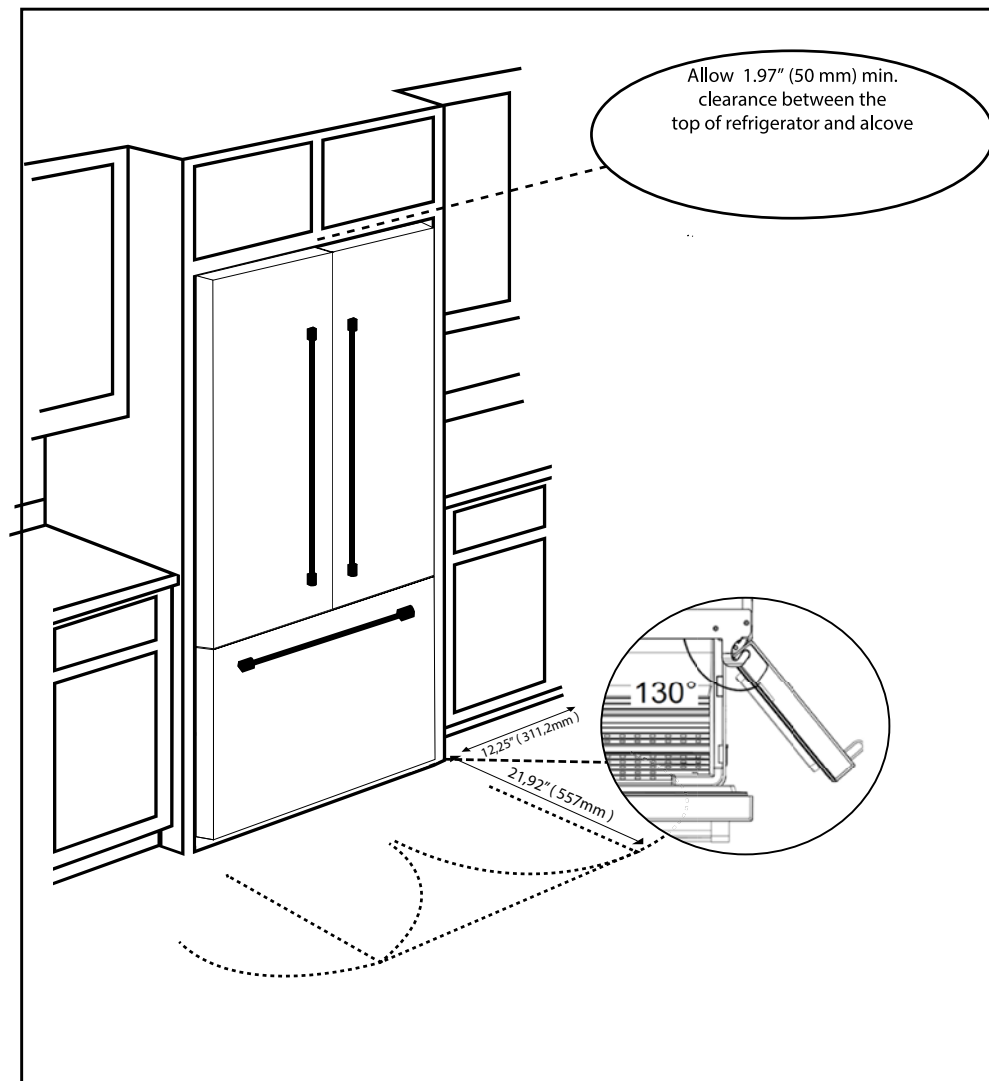
3.13 Installing the appliance

Alcove dimensions



Installation

Minimum clearances

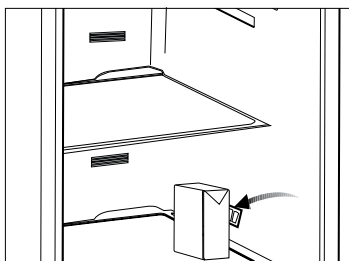
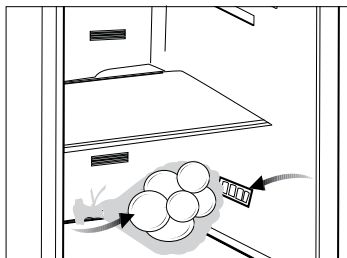


4 Preparation

Before starting to use the product, check that all preparations are made in accordance with the instructions in sections "Important instructions for safety and environment" and "Installation".

- Clean the interior of the refrigerator as recommended in the "Maintenance and cleaning (Page 31)" section. Check that inside of it is dry before operating it.
- Plug the refrigerator into the grounded wall outlet. When the door is opened the interior illumination will turn on.
- Run the refrigerator without putting any food for 6 hours and do not open its door unless absolutely required.
- Do not allow the food to touch the temperature sensor in fresh food compartment.

- To allow the fresh food compartment keep its ideal storage temperature, sensor must not be hindered by food.



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.



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

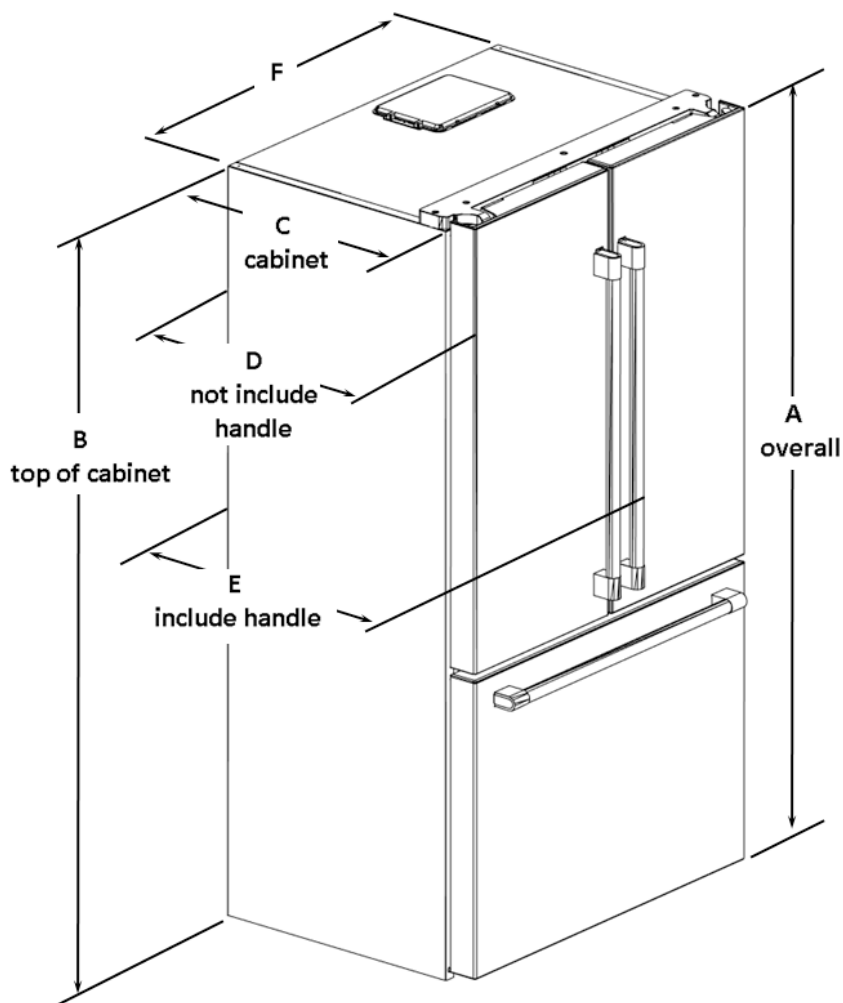


The ambient temperature of the room where you install the refrigerator should at least be 10°C /50°F. Operating your refrigerator under cooler conditions than this is not recommended.

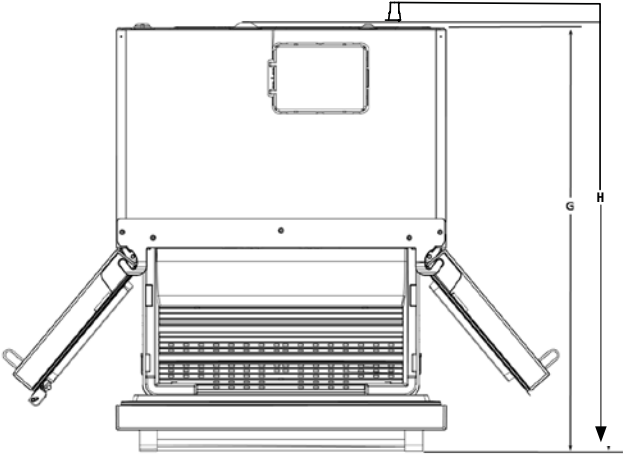


Inside of your refrigerator must be cleaned thoroughly.

Product Dimensions



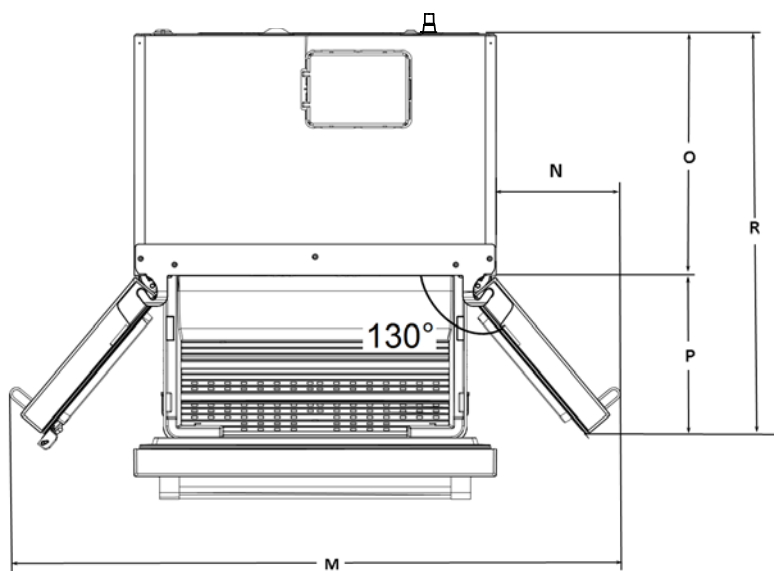
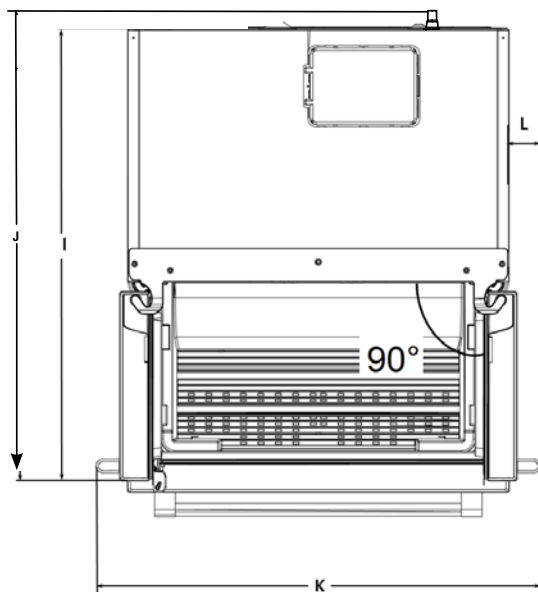
Preparation



Height-Overall "A"	Height-TopOfCabinet "B"	Depth-CabinetOnly "C" "O"	Depth-Without Handles "D"
1771mm (69,72")	1710mm (67,32")	600mm (23,62")	680,5mm (26,79")
Depth-WithHandles "E"	Width-Cabinet "F"	Depth-DrawerOpen "G"	TotalDepth-DrawerOpen "H"
737mm (29,01")	908mm (35,74")	1157mm (45,55")	1178,5mm (46,40")
Depth-Doors Open90° "I"	TotalDepth-Doors Open90° "J"	Width-Doors Open90°WithHandles "K"	Width-Doors Open90°- FromCabinetToHandle "L"
1072,6mm (42,22")	1094mm (43,07")	1059,2mm (41,70")	75,6mm (2,97")
Width-Doors Open130°- FromHandleToHandle "M"	Width-Doors Open130°- FromCabinetToHandle "N"	Depth-Doors Open130° "P"	Depth-Doors Open130° "R"
1530.2mm (41,70")	311,2mm (12,25")	391mm (15,39")	991mm (39,01")

Min Clearance From the Top: 1.97" inches

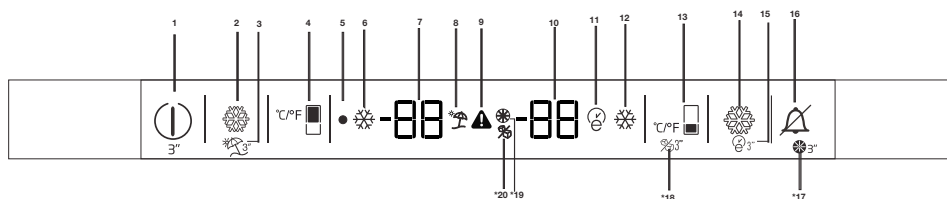
Min Clearance From the Sides: 1/2" inches



5 Operating the product

5.1 Indicator panel

Touch-control indicator panel allows you to set the temperature and control the other functions of the refrigerator. Just press the relevant buttons for function settings.



1-On/Off function

Press the On/Off button for 3 seconds to turn off or turn on the fridge.

2-Quick Cool Function

When you press Quick Cool button, with the adjustments in the cooling equipment of the product the temperature of the compartment will be colder than the adjusted values.

This function can be used for food placed in the cool compartment and required to be cooled down rapidly.

If you want to cool large amounts of fresh food, it is recommended to activate this feature before putting the food into the fridge. Quick Cool indicator will remain lit when the Quick Cool function is enabled. To cancel this function press Quick Cool button again. Quick Cool indicator will turn off and return to its normal settings.

If you do not cancel it, Quick Cool will cancel itself automatically after 1 hours or when the fridge compartment reaches to the cooling system target temperature. This function is not recalled when power restores after a power failure.

3-Vacation Function

Press the Quick Fridge/Vacation button for 3 seconds to activate Vacation function. "⏸" icon comes on when the function is active. Function is deactivated by pressing the same button for 3 seconds again or by pressing Fridge set button.

When vacation mode is activated, set values for the freshfood compartment will not appear in the display. The temperature will be replaced by two dashes. "..."

When vacation mode is activated, temperature of fresh food is warmer than 50 °F (10 °C) so please do not keep foods in fresh food cabinet. Temperature of freezer is not affected.

4-Fridge Set Function

This button allows you to adjust the fridge compartment temperature setting. Press this button to set the temperature of the fridge compartment to 8, -2.. °C respectively. 46-39 °F.

5-Off Indicator

Off Indicator illuminated when the fridge is off .

6-Quick Fridge Indicator

This icon is illuminated when the Quick Fridge function is active.

7-Fridge Compartment Temperature Setting Indicator

Indicates the temperature set for the Fridge Compartment.

8-Vacation Indicator

This icon is illuminated when the Vacation function is active.



***optional:** Figures in this user manual are schematic and may not match the product exactly. If the subject parts are not included in the product you have purchased, then those parts are valid for other models.

Operating the product

9-High Temperature Error / Warning Indicator

This icon comes on during high temperature failures and error warnings.

10-Freezer Compartment

Temperature Setting Indicator Indicates the temperature set for the Freezer Compartment.

11-Eco-Extra Indicator

Eco-Extra Indicator is illuminated when the Eco Extra function is active.

12-Quick Freeze Indicator

This indicator is illuminated when the Quick Freezer function is active.

13-Freezer Set Function

This function allows you to make the freezer compartment temperature setting. Press this button to set the temperature of the freezer compartment to -22 to -15°C respectively. -8 to 5°C

14-Quick Freeze Function

The Quick Freeze indicator will be illuminated when this feature is on. Press the Quick Freeze button to turn this option on. When Quick Freeze is activated it will drop the Freezer temperature to its lowest setting for 24 hours, after which time it will automatically cancel and return to the set temperature.

15-Eco-Extra (Special Economic Usage) Function

Press the Quick Freeze\Eco Extra button for 3 seconds to activate the Eco Extra Function. Refrigerator will start operating in the most economic mode at least 6 hours later and the economic usage indicator will turn on when the function is active. Press the Quick Freeze button for 3 seconds again to deactivate the Eco Extra Function.

16-Alarm Off

When the fridge door is opened for 1 minutes or when there is a sensor failure, an alarm will sound. Alarm can be turned off by pressing "Alarm Off" button.

If you close the door and then open again "Door open alarm" will be activated again after 1 minutes later.

17-Filter reset button (*optional)

The filter is reset when the alarm off button is pressed for 3 seconds. Filter reset icon goes off.

18-Ice machine off button (*optional)

Ice machine is activated and deactivated when freezer set button is pressed for 3 seconds. An ice icon will be displayed when the ice maker is off.

19. Filter reset icon (*optional)

This icon turns on when the filter needs to be reset.

20-Ice machine off icon (*optional)

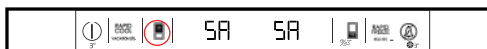
This icon lights when the ice machine is inactive, this icon power off when the ice machine is active.

(This feature is optional)

Sabbath Mode:

Press the Refrigerator Set Function Button for 3 seconds to activate or deactivate the Sabbath Mode. When Sabbath Mode is activated, the display, alarm, door opening or light buttons will not function:

The cooling algorithm is set according to the sabbath fashion.



If the user does not deactivate the Sabbath mode, the refrigerator will automatically cancel it in 72 hours.

Operating the product

5.2 Activating water filter change warning

(For products connected to the mains water line and equipped with filter)

Water filter change warning is activated as follows:

Automatic filter usage time calculation is not enabled ex factory.

It must be enabled in products equipped with a filter.

The display board we use in the refrigerator has a six-key system.

Set values are shown in the display.



*(3second pressing)

Press the Alarm off button for 3 seconds to activate the filter counter

After the product is energized, the set temperatures for both compartments will be shown in the display. Press the "Alarm Off" button for 3 seconds to activate the filter counter.

Activating filter counter is complete. After 3120 hours (130 days), the filter warning LED lights up and warns the user.

It must be pressed the Alarm Off button for 3 seconds to turn off this warning.



Filter warning LED.

LED can be turned off by pressing the button for 3 seconds when the filter warning LED is activated

Once the filter has been replaced, press the Alarm Off button for 3 seconds. The filter counter is activated again. 3120 hours are expected to be completed for next warning



Again, press the Alarm Off button for 3 seconds to activate the filter counter

NOTE: This function must be triggered and activated manually by the customer. If this function is not desired to be used again, the second time after the warning LED has been turned off, it must be not activated the function.

Operating the product

Freezer Compartment Setting	Fridge Compartment Setting	Explanations
-15°C / 5°F	4°C / 39°F	This is the normally recommended setting.
-20°C / -4°F	3°C / 37°F	These settings are recommended when the ambient temperature exceeds 30°C/86°F.
Quick Freeze	4°C / 39°F	Use when you wish to freeze your food in a short time. Your refrigerator will return to its previous mode when the process is over.
-24°C / -12°F	2°C / 35°F	Use these settings if you think that your fridge compartment is not cold enough because of the hot ambient conditions or frequent opening and closing of the door.
-15°C / 5°F or colder	Quick Fridge	Use this function when you place large quantities into the fridge compartment or when you need to cool your food quickly. It is recommended that you activate Quick Fridge function 4-8 hours before placing the food in the compartment.

Recommended Using Temperature: FF: 4°C / 39°F Frz : -15°C / 5°F

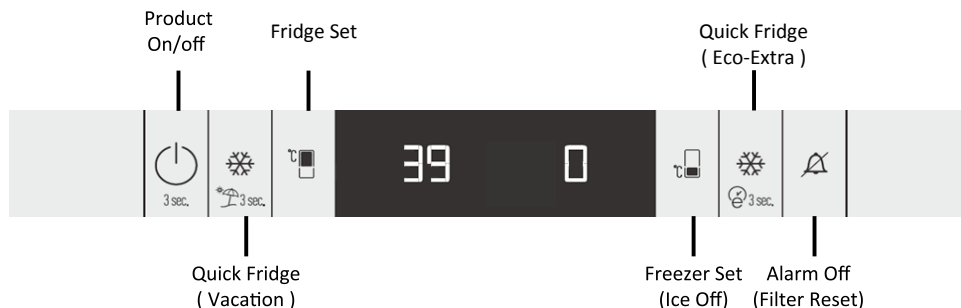
Operating the product

5.3 U4 Control Board 3D Display Activating/Deactivating Of Ice-Off Function

The display board we use in the refrigerator has a six-key system.

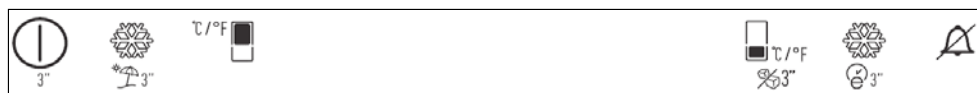
Set values are shown on the display.

*(pressing 3 sec.)



Step 1: Ice-off function is activated by pressing the Freezer Set button for 3 seconds at any time after it is powered. The Ice-off icon turns on in the display and ice formation stops.

When the Freezer Set button is pressed for 3 seconds while the Ice-off icon is on, the Ice-off function is deactivated.



Freezer Set
(Ice Off)



Freezer Set
(Ice Off)



Ice of icon

The Ice-off icon goes out on the display and ice formation starts.

5.4 Dual cooling system


Your refrigerator is equipped with two separate cooling systems to cool the fresh food compartment and freezer compartment. Thus, air and odour in the fresh food compartment and frozen food compartment do not get mixed. Thanks to these two separate cooling systems, cooling speed is much faster than other refrigerators. Also additional power saving is provided since the defrosting is performed individually.

5.5 Freezing fresh food

- Wrap the food or place them in a covered container before putting them in the refrigerator.
- Hot food and beverages must cool down to the room temperature before putting them in the refrigerator.
- The food that you want to freeze must be fresh and in good quality.
- Divide the food into portions according to your family's daily or meal based consumption needs.
- Pack the food in an airtight manner to prevent them from drying even if they are going to be stored for a short time.
- Materials to be used for packaging must be tear-proof and resistant to cold, humidity, oils and acids and they must also be airtight. This is redundant, as the sentence above has just mentioned all the requirements of material placed in the freezer. All packaging must be completely sealed.
- Frozen food must be used immediately after they are thawed and they should never be re-frozen.
- Do not freeze excessively large quantities of food at one time. The quality of the food is best preserved when it is frozen right through to the core as quickly as possible.

- Placing warm food into the freezer compartment causes the cooling system to operate continuously until the food is frozen solid.

5.6 Recommendations for preserving frozen food

- Frozen food that you have purchased should be stored in accordance with the frozen food manufacturer's instructions for a  (4 star) frozen food storage compartment.

Note: To ensure the quality achieved by the frozen food manufacturer and food retailer is maintained, follow the steps listed below:

1. Put packets in the freezer as quickly as possible after purchase.
2. Make sure that contents of the package are labelled and dated.
3. Check whether the "Use By" and "Best Before" dates on the packaging are exceeded or not.

5.7 Placing the food

Freezer compartment shelves	Various frozen food such as meat, fish, ice cream, vegetables and etc.
Fridge compartment shelves	Food in pans, covered plates and closed containers
Fridge compartment door shelves	Small and packaged food or beverage (such as milk, fruit juice, beer and etc.)
Crisper	Vegetables and fruits
Fresh zone compartment	Delicatessen products (cheese, butter, salami and etc.)

Operating the product

5.8 Deep-freeze information

You can keep the freshness of food for many months (at -15°C / 5°F or lower temperatures in the deep freeze).



Divided the food into portions according to your family's daily or meal based consumption needs.



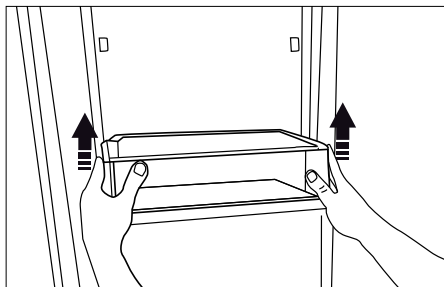
Pack the food in an airtight manner to prevent them from drying even if they are going to be stored for a short time.

- Materials necessary for packaging:
- Cold resistant adhesive tape
- Self adhesive label
- Rubber rings
- Pen

5.9 Removing door shelves

You can remove the door shelves to clean them. Push the desired shelf up to remove it. Do not remove the door shelf when there is food in it.

First, empty the food inside them.



5.10 Moving door rack

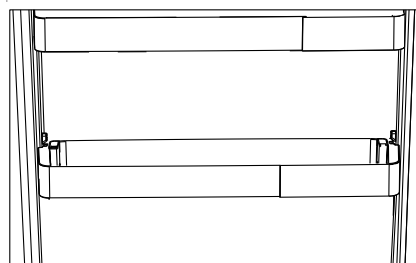
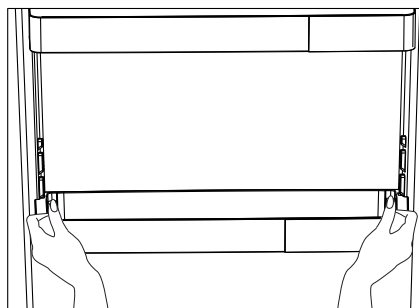
*optional

Moving door rack can be fixed in 3 different positions.

In order to move the rack, push the buttons on the side evenly. Rack will be movable.

Move the rack up or down.

When the rack is in the position that you want, release the buttons. Rack will be fixed again in the position where you have released the buttons.



5.11 Glass shelves

You can remove the glass shelves to clean them. Be careful when removing the shelves since they are heavy.

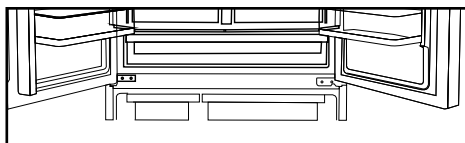
5.12 Chiller compartment

(in some models)

Chiller compartments allow you to prepare the food for freezing. You can also use these compartments to store your food at a temperature a few degrees below the fridge compartment.

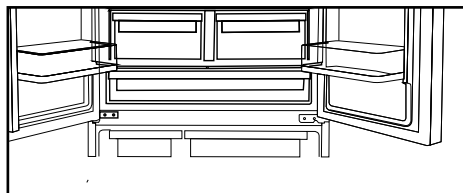
You can increase the inner volume of your refrigerator by removing any of the chiller compartments:

1. Pull the compartment towards yourself until it stops.
2. Lift the compartment about 1 cm up and pull towards yourself to remove it from its seating.



5.13 Crisper

The crisper of the refrigerator is designed specially to keep the vegetables fresh without losing their humidity. For this purpose, cool air circulation is intensified around the crisper in general. Remove the door shelves that stand against the crisper before removing the crispers.



5.14 Humidity controlled crisper

(FreSHelf)

(This feature is optional)

Humidity levels of the vegetables and fruit are kept under control with the feature of humidity-controlled crisper and the food is ensured to stay fresh longer.

We recommend you to place the leafy vegetables such as lettuce, spinach and the vegetables which are sensitive to humidity loss, in a horizontal manner as much as possible inside the crisper, not on their roots in a vertical position.

While the vegetables are being placed, specific gravity of the vegetables should be taken into consideration. Heavy and hard vegetables should be put at the bottom of the crisper and the lightweight and soft vegetables should be placed over.

Operating the product

Never leave the vegetables inside the crisper in their bags. If the vegetables are left inside their bags, this will cause them to decompose in a short period of time. In case contacting with other vegetables is not preferred for hygiene concerns, use a perforated paper and other similar packaging materials instead of a bag.

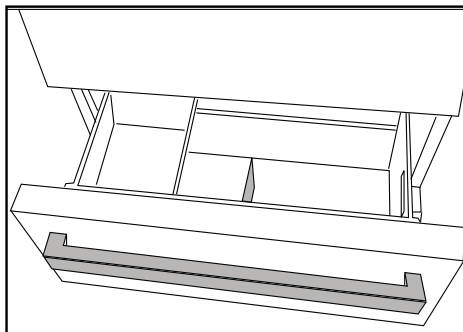
Do not place together the pear, apricot, peach, etc. and apple in particular which generate high levels of generation of ethylene gas in the same crisper with the other vegetables and fruit. The ethylene gas which is emitted by these fruits may cause the other fruits to ripen faster and decompose in a shorter time.

5.15 Ice container

The ice container is used to collect ice produced by the ice maker. Do not put water in it to make ice as it may break. The ice container is not used for storing foods.



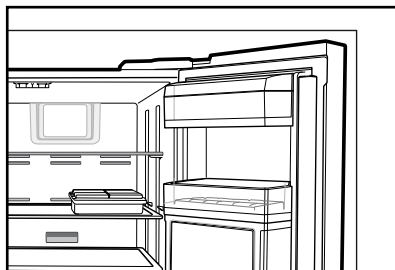
The ice machine may drop ice when the ice container is opened.



5.16 Butter & Cheese section

(in some models)

Store food such as butter, cheese and margarine in this section.

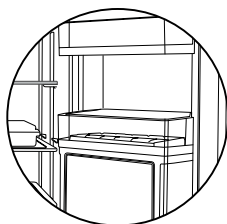


5.17 Egg holder

(in some models)

You can install the egg holder to the desired door or body shelf.

Never keep the egg holder in the freezer compartment.

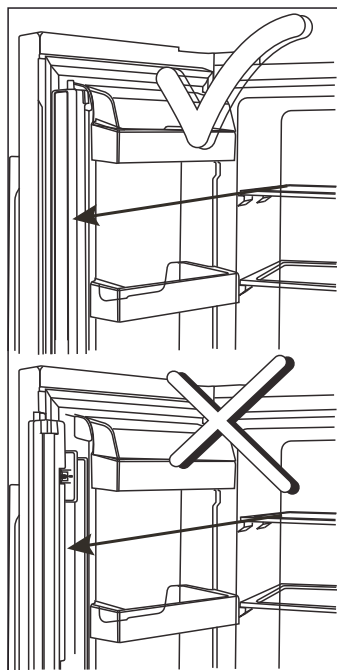


5.18 Movable middle section

Movable middle section is intended to prevent the cold air inside the refrigerator from escaping outside. Sealing is provided when the gaskets on the door presses on the surface of the movable middle section while the fridge compartment doors are closed.



Movable middle section is closed when the left door of the fridge compartment is open. Movable middle section moves with the aid of the plastic part on the body while closing the door. Do not try to open by hand.



When the rotating storage container is open, do not close the door of the refrigerator.



Do not overload the rotating storage container by placing a lot of materials in it.

5.19 Blue light

(in some models)

Crispers of the refrigerator are illuminated with blue light. Food stored in the crispers continue their photosynthesis by means of the wavelength effect of blue light and thus, preserve their freshness and increase their vitamin content.

Operating the product

5.20 Ion (in some models)

Air is ionized by means of the ionizer system in the fridge compartment air duct. Thanks to this system, air-borne bacteria and odorising molecules removed from the air.

5.21 Odor filter (in some models)

Odor filter in the air duct of the fridge compartment prevents build-up of unpleasant odors in the refrigerator.

5.22 Using internal water dispenser (in some models)

After connecting the refrigerator to a water source or replacing the water filter, flush the water system. Use a sturdy container to depress and hold the water dispenser lever for 5 seconds, then release it for 5 seconds. Repeat until water begins to flow. Once water begins to flow, continue depressing and releasing the dispenser paddle (5 seconds on, 5 seconds off) until a total of 5-6 gallons (about 20 liter) has been dispensed. This will flush air from the filter and water dispensing system, and prepare the water filter for use. Additional flushing may be required in some households. As air is cleared from the system, water may spurt out of the dispenser. Allow 24 hours for the refrigerator to cool down and chill water. Dispense enough water every week to maintain a fresh supply.



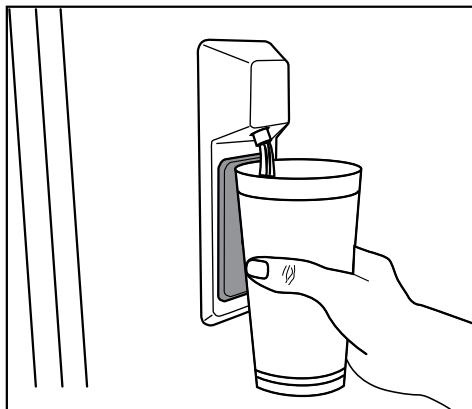
After 5 minutes of continuous dispensing, the dispenser will stop dispensing water to avoid flooding. To continue dispensing, press the dispenser paddle again.

5.23 Dispensing water

Hold a container under the dispenser spout while pressing the dispenser pad. Release the dispenser pad to stop dispensing.



It is normal for the first few glasses of water taken from the dispenser to be warm.



If the water dispenser is not used for a long period of time, dispose of first few glasses of water to obtain fresh water.

During initial use, you will have to wait approximately 12 hours for the water to cool down. Take out the glass a little while after you pull the trigger.

5.24 For using water dispenser



Before using your fridge first time and after replacing your water filter, water dispenser may drip drops of water. To prevent water dripping or leaking from dispenser, please bleed the air from the system by dispensing 5-6 gallons (about 20 liter) of water through the water dispenser before the first use and every time after you change the water filter. This will remove any air trapped in the system and stop the water dispenser from leaking. Checking coupler position and the straightness of water line at the back of the unit will be required if there's an obstruction in water flow.



If your water dispenser is leaking just a few drops of water after you have dispensed some water, this is normal.

5.25 Ice Tray

(in some models)

To get ice from the Ice Tray, fill the water tank in the fridge compartment with water up to the maximum level.

Ice cubes in the ice drawer may stick to each other and become a bulk due to hot and humid air in approximately 15 days. This is normal. If you cannot break the bulk apart, you can empty the ice container and again.



It is recommended to change the water in the water tank if it remains in the water tank for more than 2-3 weeks.



Strange noises you hear from the refrigerator at 120-minute intervals are the sounds of ice-making and pouring. This is normal.



If you do not want to make ice, press the Ice off icon to stop the icematic to save energy and prolong the service life of your refrigerator.



It is normal that a few drops of water drop from the dispenser after you have taken water.

5.26 Icematic and ice storage container

(in some models)

Using the Icematic

Fill the Ice Tray with water and place it into its seat. Your ice will be ready approximately in two hours. Do not remove the Icematic from its seating to take ice.

Turn the knobs on the ice reservoirs clockwise by 90 degrees.

Ice cubes in the reservoirs will fall down into the ice storage container below.

You may take out the ice storage container and serve the ice cubes.

If you wish, you may keep the ice cubes in the ice storage container.

Ice storage container

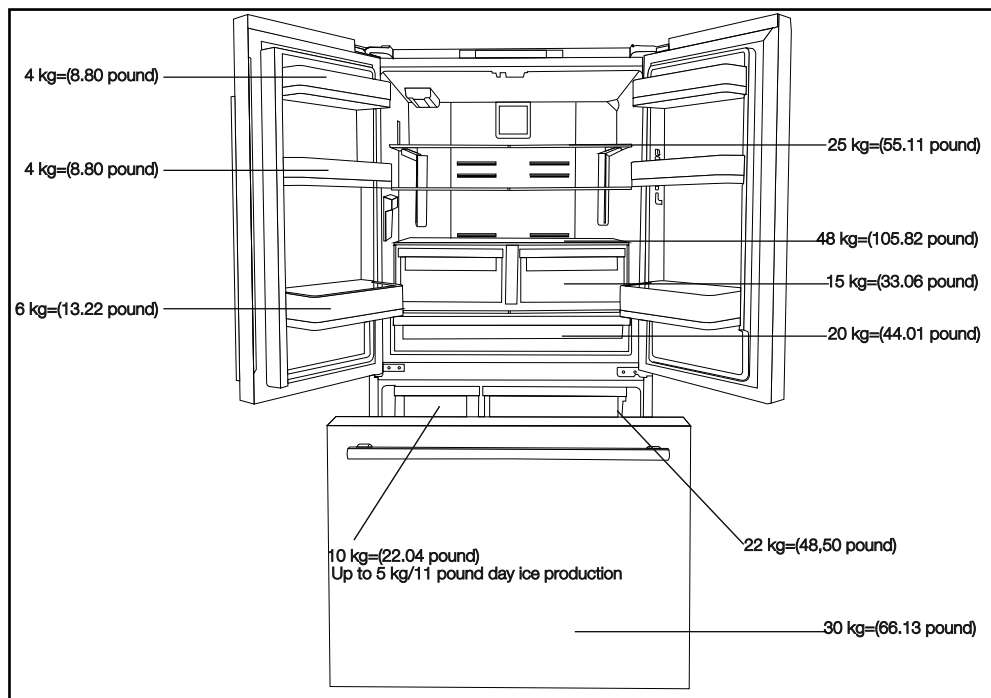
Ice storage container is only intended for accumulating the ice cubes. Do not put water in it. Otherwise, it will break.

5.27 Refrigerator Shelf Weight Limitations

Freshfood compartment cantalever shelves, those that only have rear supports, are tested for max 25kg (55pounds) per each part.

Crispers will hold up to 15kg (33pounds) per each one. Chiller zone will hold up to 20kg (44pounds). These are dynamic loads for crispers and chiller zone.

Ice container bin holds up to 10kg (22pounds), it is for usage without ice. Upper freezer bin will hold up to 24kg (53 pounds) and drawer holds up to 30kg (66pounds). These are dynamic loads for ice bin, upper freezer bin and drawer.



6. Maintenance and cleaning

Service life of the product extends and frequently faced problems decrease if cleaned at regular intervals.



WARNING: Unplug the product before cleaning it.

- Never use gasoline, benzene or similar substances for cleaning purposes.
- Never use any sharp and abrasive tools, soap, household cleaners, detergent and wax polish for cleaning.
- Dissolve one teaspoon of baking soda in half litre of water. Soak a cloth with the solution and wring it thoroughly. Wipe the interior of the refrigerator with this cloth and dry thoroughly.
- Make sure that no water enters the lamp housing and other electrical items.
- If you will not use the refrigerator for a long period of time, unplug it, remove all food inside, clean it and leave the door ajar.
- Check regularly that the door gaskets are clean. If not, clean them.
- To remove door and body shelves, remove all of its contents.
- Remove the door shelves by pulling them up. After cleaning, slide them from top to bottom to install.
- Never use cleaning agents or water that contain chlorine to clean the outer surfaces and chromium coated parts of the product. Chlorine causes corrosion on such metal surfaces

6.1 Avoiding bad odors

Materials that may cause odor are not used in the production of our refrigerators. However, due to inappropriate food preserving conditions and not cleaning the inner surface of the refrigerator as required can bring forth the problem of odor. Pay attention to following to avoid this problem:

- Keeping the refrigerator clean is important. Food residuals, stains, etc. can cause odor. Therefore, clean the refrigerator with baking soda dissolved in water every 15 days. Never use detergents or soap.
- Keep the food in closed containers. Microorganisms spreading out from uncovered containers can cause unpleasant odors.
- Never keep the food that is past its expiration date or has spoiled in the refrigerator.

6.2 Protecting the plastic surfaces

Do not put liquid oils or oil-cooked meals in your refrigerator in unsealed containers as they damage the plastic surfaces of the refrigerator. If oil is spilled or smeared onto the plastic surfaces, clean and rinse the relevant part of the surface at once with warm water.

7. Troubleshooting

Check this list before contacting a servicer. Doing so will save you time and money. This list includes frequent complaints that are not related to faulty workmanship or materials. Certain features mentioned herein may not apply to your product.

The refrigerator is not working.

- The power plug is not fully seated. >>> Plug it in outlet completely into the socket.
- The fuse connected to the socket powering the product or the main fuse is blown. >>> Check the fuses.

Condensation on the side wall of the cooler compartment (MULTI ZONE, COOL, CONTROL and FLEXI ZONE).

- The door is opened too frequently >>> Take care not to open the product's door too frequently.
- The environment is too humid. >>> Do not install the product in humid environments.
- Foods containing liquids are kept in unsealed holders. >>> Keep the foods containing liquids in sealed holders.
- The product's door is left open. >>> Do not keep the product's door open for long periods.
- The thermostat is set to too low temperature. >>> Set the thermostat to appropriate temperature.

Compressor is not working.

- In case of sudden power failure or pulling the power plug off and putting back on, the gas pressure in the product's cooling system is not balanced, which triggers the compressor thermic safeguard. The product will restart after approximately 6 minutes. If the product does not restart after this period, contact a servicer.
- Defrosting is active. >>> This is normal for a fully-automatic defrosting product. The defrosting is carried out periodically.
- The product is not plugged in. >>> Make sure the power cord is plugged in.
- The temperature setting is incorrect. >>> Select the appropriate temperature setting.
- The power is out. >>> The product will continue to operate normally once the power is restored.

The refrigerator's operating noise is increasing while in use.

- The product's operating performance may vary depending on the ambient temperature variations. This is normal and not a malfunction.

The refrigerator runs too often or for too long.

- The new product may be larger than the previous one. Larger products will run for longer periods.
- The room temperature may be high. >>> The product will normally run for long periods in higher room temperature.
- The product may have been recently plugged in or a new food item is placed inside. >>> The product will take longer to reach the set temperature when recently plugged in or a new food item is placed inside. This is normal.
- Large quantities of hot food may have been recently placed into the product. >>> Do not place hot food into the product.
- The doors were opened frequently or kept open for long periods. >>> The warm air moving inside will cause the product to run longer. Do not open the doors too frequently.
- The freezer or cooler door may be ajar. >>> Check that the doors are fully closed.
- The product may be set to temperature too low. >>> Set the temperature to a higher degree and wait for the product to reach the adjusted temperature.
- The cooler or freezer door washer may be dirty, worn out, broken or not properly settled. >>> Clean or replace the washer. Damaged / torn door washer will cause the product to run for longer periods to preserve the current temperature.

The freezer temperature is very low, but the cooler temperature is adequate.

Troubleshooting

- The freezer compartment temperature is set to a very low degree. >>> Set the freezer compartment temperature to a higher degree and check again.

The cooler temperature is very low, but the freezer temperature is adequate.

- The cooler compartment temperature is set to a very low degree. >>> Set the freezer compartment temperature to a higher degree and check again.

The food items kept in cooler compartment drawers are frozen.

- The cooler compartment temperature is set to a very low degree. >>> Set the freezer compartment temperature to a higher degree and check again.

The temperature in the cooler or the freezer is too high.

- The cooler compartment temperature is set to a very high degree. >>> Temperature setting of the cooler compartment has an effect on the temperature in the freezer compartment. Wait until the temperature of relevant parts reach the sufficient level by changing the temperature of cooler or freezer compartments.
- The doors were opened frequently or kept open for long periods. >>> Do not open the doors too frequently.
- The door may be ajar. >>> Fully close the door.
- The product may have been recently plugged in or a new food item is placed inside. >>> This is normal. The product will take longer to reach the set temperature when recently plugged in or a new food item is placed inside.
- Large quantities of hot food may have been recently placed into the product. >>> Do not place hot food into the product.

Shaking or noise.

- The ground is not level or durable. >>> If the product is shaking when moved slowly, adjust the stands to balance the product. Also make sure the ground is sufficiently durable to bear the product.
- Any items placed on the product may cause noise. >>> Remove any items placed on the product.

The product is making noise of liquid flowing, spraying etc.

- The product's operating principles involve liquid and gas flows. >>> This is normal and not a malfunction.

There is sound of wind blowing coming from the product.

- The product uses a fan for the cooling process. This is normal and not a malfunction.

There is condensation on the product's internal walls.

- Hot or humid weather will increase icing and condensation. This is normal and not a malfunction.
- The doors were opened frequently or kept open for long periods. >>> Do not open the doors too frequently; if open, close the door.
- The door may be ajar. >>> Fully close the door.

There is condensation on the product's exterior or between the doors.

- The ambient weather may be humid, this is quite normal in humid weather. >>> The condensation will dissipate when the humidity is reduced.

The interior smells bad.

- The product is not cleaned regularly. >>> Clean the interior regularly using sponge, warm water and carbonated water.
- Certain holders and packaging materials may cause odour. >>> Use holders and packaging materials without free of odour.