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LG SIGNATURE

OWNER'S MANUAL

FRIDGE & FREEZER



Before beginning installation, read these instructions carefully. This will simplify installation and ensure that the product is installed correctly and safely. Leave these instructions near the product after installation for future reference.

ENGLISH

GR-X23FGNGL.AGRRGAP



MFL71439520
Rev.00_083023

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This manual may contain images or content that may be different from the model you purchased.

This manual is subject to revision by the manufacturer.

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SAFETY INSTRUCTIONS

READ ALL INSTRUCTIONS BEFORE USE

The following safety guidelines are intended to prevent unforeseen risks or damage from unsafe or incorrect operation of the appliance. The guidelines are separated into '**WARNING**' and '**CAUTION**' as described below.

Safety Messages



This symbol is displayed to indicate matters and operations that can cause risk. Read the part with this symbol carefully and follow the instructions in order to avoid risk.



WARNING

This indicates that the failure to follow the instructions can cause serious injury or death.



CAUTION

This indicates that the failure to follow the instructions can cause the minor injury or damage to the product.

WARNING

WARNING

To reduce the risk of explosion, fire, death, electric shock, injury or scalding to persons when using this product, follow basic precautions, including the following:

Technical Safety

- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person

responsible for their safety. Children should be supervised to ensure that they do not play with the appliance.

- If the power cord is damaged or the hole of the outlet socket is loose, do not use the power cord and contact an authorized service centre.
- Do not damage the refrigerant circuit.
- Do not use mechanical devices or other means to accelerate the defrosting process.
- Keep ventilation openings, in the appliance enclosure or in the built-in structure, clear of obstruction.
- Do not use electrical appliances inside the food storage compartments of the appliance, unless they are of the type recommended by the manufacturer.
- The refrigerant and insulation blowing gas used in the appliance require special disposal procedures. Consult with service agent or a similarly qualified person before disposing of them.
- This appliance is intended to be used in household and similar applications only. It should not be used for commercial, or catering purposes, or in any mobile application such as a caravan or boat.
- Do not store explosive substances such as aerosol cans with a flammable propellant in this appliance.



This symbol alerts you to flammable materials that can ignite and cause a fire if you do not take care.

- This appliance contains a small amount of isobutane refrigerant (R600a), but it is also combustible. When transporting and installing the appliance, care should be taken to ensure that no parts of the refrigerating circuit are damaged.
- When positioning the appliance, ensure the supply cord is not trapped or damaged.
- Do not locate multiple portable socket-outlets or portable power supplies at the rear of the appliance.
- Disconnect the power cord before cleaning the appliance interior or exterior.

- Securely plug the power plug in the outlet socket after completely removing any moisture and dust.
- Never unplug the appliance by pulling on the power cable. Always grip the power plug firmly and pull straight out from the outlet socket.
- Do not spray water or inflammable substances (toothpaste, alcohol, thinner, benzene, flammable liquid, abrasive, etc.) over the interior or exterior of the appliance to clean it.
- Do not clean the appliance with brushes, cloths or sponges with rough surfaces or which are made of metallic material.
- Only qualified service personnel from LG Electronics service centre should disassemble, repair, or modify the appliance. Contact an LG Electronics customer information centre if you move and install the appliance in a different location.
- Do not use a hair drier to dry the inside of the appliance or place a candle inside to remove the odours.
- Do not tilt the appliance to pull or push it when transporting.
- Make sure not to get a body part such as a hand or foot stuck while moving the appliance.
- Consult with a service agent or a similarly qualified person about the recovery of refrigerant and recycling of components on disposal of the refrigerating appliance.

Risk of Fire and Flammable Materials

- If a leak is detected, avoid any naked flames or potential sources of ignition and air the room in which the appliance is standing for several minutes. In order to avoid the creation of a flammable gas air mixture if a leak in the refrigerating circuit occurs, the size of the room in which the appliance is used should correspond to the amount of refrigerant used. The room must be 1 m² in size for every 8 g of R600a refrigerant inside the appliance.
- Refrigerant leaking out of the pipes could ignite or cause an explosion.

- The amount of refrigerant in your particular appliance is shown on the identification plate inside the appliance.

Installation

- This appliance should only be transported by two or more people holding the appliance securely.
- Install the appliance on a firm and level floor.
- Do not install the appliance in a damp and dusty place. Do not install or store the appliance in any outdoor area, or any area that is subject to weathering conditions such as direct sunlight, wind, rain, or temperatures below freezing.
- Do not place the appliance in direct sunlight or expose it to the heat from heating appliances such as stoves or heaters.
- Be careful not to expose the rear of the appliance when installing.
- Install the appliance in a place where it is easy to unplug the power plug of the appliance.
- In the event that a door needs to be removed to pass the unit through a doorway, be careful not to let the appliance door fall during assembly or disassembly.
- Be careful not to pinch, crush, or damage the power cable during assembly or disassembly of the appliance door.
- Be careful not to point the power plug up or let the appliance lean against the power plug.
- Do not connect a plug adapter or other accessories to the power plug.
- Do not modify or extend the power cable.
- Ensure that the outlet socket is properly grounded, and that the earth pin on the power cord is not damaged or removed from the power plug. For more details on grounding, inquire at an LG Electronics customer information centre.
- This appliance is equipped with a power cord having an equipment-grounding conductor and a grounding power plug. The power plug must be plugged into an appropriate outlet socket that is installed and grounded in accordance with all local codes and ordinances.

- Never start up an appliance showing any signs of damage. If in doubt, consult your dealer.
- Dispose of all packaging materials (such as plastic bags and styrofoam) away from children. The packaging materials can cause suffocation.
- Do not plug the appliance into multiple outlet sockets, power boards, or an extension power cable.
- Do not use an extension cord or double adapter.

Operation

- Do not use the appliance for any purpose (storage of medical or experimental materials or temperature strict medicines) other than any domestic household food storage use.
- If water penetrates electrical parts of the appliance, disconnect power plug and contact an LG Electronics customer information centre.
- Unplug the power plug during a severe lightening or thunderstorm or when not in use for a long period of time.
- Do not touch the power plug or the appliance controls with wet hands.
- Do not bend the power cable excessively or place a heavy object on it.
- Immediately unplug the power plug and contact an LG Electronics customer information centre if you detect a strange sound, odour, or smoke coming from the appliance.
- Do not place hands or metallic objects inside the area emitting the cold air, covers or heat releasing grille on the back.
- Do not apply excessive force or impact to the back cover of the appliance.
- Be careful of nearby children when you open or close the appliance door. The door may bump the child and cause injury.
- Avoid the danger of children getting trapped inside the appliance. A child trapped inside the appliance can cause suffocation.
- Do not put animals, such as pets into the appliance.

- Do not place heavy or fragile objects, containers filled with liquid, combustible substances, flammable objects (such as candles, lamps, etc.), or heating devices (such as stoves, heaters, etc.) on the appliance.
- Do not place any electronic appliance (such as heater and mobile phone) inside the appliance.
- If there is a gas leakage (isobutane, propane, natural gas, etc.), do not touch the appliance or power plug and ventilate the area immediately. This appliance uses a refrigerant gas (isobutane, R600a). Although it uses a small amount of the gas, it is still combustible gas. Gas leakage during appliance transport, installation or operation can cause fire, explosion or injury if sparks are caused.
- Do not use or store flammable or combustible substances (ether, benzene, alcohol, chemical, LPG, combustible spray, insecticide, air freshener, cosmetics, etc.) near the appliance.
- This appliance incorporates an earth connection for functional purposes.
- Connect to potable water supply only (only for models with dispenser function needing plumbed connection).
 - If connected to a water supply, connect to a potable water supply only.
- Fill with potable water only.
 - If using an icemaker or dispenser water tank, make sure to fill it with potable water only.

Disposal

- When discarding the appliance, remove the door gasket while leaving the shelves and baskets in place and keep children away from the appliance.

CAUTION

CAUTION

To reduce the risk of minor injury to persons, malfunction, or damage to the product or property when using this product, follow basic precautions, including the following:

Installation

- After unpacking, check the appliance for any damage that may have occurred during transit.
- Wait for at least 3 to 4 hours in order to ensure the refrigerant circuit is fully efficient.
- This appliance does not require changes in installation or use based on altitude.

Operation

- This appliance must only be used with a town power supply. Solar inverters and generator power supplies could cause disruption to performance and potentially damage the electronics.
- Do not touch frozen food or the metal parts in the freezer compartment with wet or damp hands. It may cause frostbite.
- Do not place glass containers, bottles or cans (especially those containing carbonated drinks) in the freezer compartment, shelves or ice bin that will be exposed to temperatures below freezing.
- The tempered glass on the front side of the appliance door or the shelves can be damaged by an impact. If it is broken, do not touch it with hands.
- Do not hang from the appliance doors, door baskets, storage compartments or shelves, or climb up into the appliance.
- Do not store an excessive amount of water bottles or containers in the door baskets.
- Do not open or close the appliance door with excessive force.

- If the hinge of the appliance door is damaged or operates improperly, stop using the appliance and contact an authorized service centre.
- Prevent animals from nibbling on the power cable or water hose.
- Never eat frozen foods immediately after they have been taken out of the freezer compartment.
- Make sure not to get a hand or foot stuck upon opening or closing the appliance door or door in door.

Maintenance

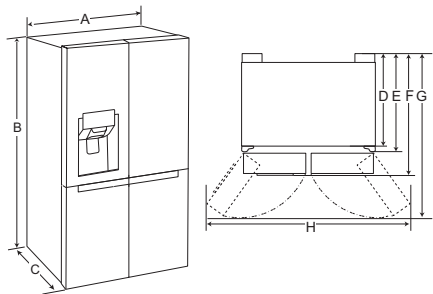
- This appliance is equipped with maintenance-free LED interior light. Do not remove cover or LED lamp in any attempt to repair or change it. Contact an LG Electronics customer information centre.
- Do not clean glass shelves or covers with warm water when they are cold. They may shatter if exposed to sudden temperature changes.
- Do not insert the shelves upside down. The shelves may fall.
- To remove frost from the appliance, contact an LG Electronics customer information centre.
- Dispose of the ice inside the ice bin in the freezer compartment during an extended power outage.

INSTALLATION

Before Installation

Dimensions and Clearances

Too small of a distance from adjacent items may result in the degradation of freezing capability and increased electricity costs. Allow over 50 mm of clearance between the back of the appliance and the wall when installing the appliance.



List	Type 1 (mm)
A	912
B	1 784
C	754
D	636
E	646
F	754
G	1 123
H	1 700

NOTE

- You can determine what type of appliance it is by looking at the label inside the appliance.

Ambient Temperature

- The appliance is designed to operate within a limited range of ambient temperatures, depending on the climate zone.
- The internal temperatures could be affected by the location of the appliance, the ambient temperature, the frequency of door opening and so on.
- The climate class can be found on the rating label.

Climate Class	Ambient Temperature Range °C
SN (Extended Temperate)	+10 - +32
N (Temperate)	+16 - +32
ST (Subtropical)	+16 - +38 / +18 - +38**
T (Tropical)	+10 - +43* / +16 - +43 / +18 - +43**

* Australia, India, Kenya

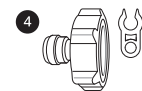
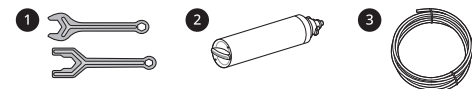
** Argentina

NOTE

- The appliances rated from SN to T are intended to be used at an ambient temperature between 10 °C and 43 °C.

Accessories

*1 This feature is only available on some models.



1 Spanner

2 Water Filter

3 Water Tube

4 Tube Connector and Clip*1

Removing/Refitting Doors

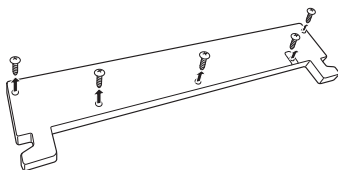
If your entrance door is too narrow for the appliance to pass through, remove the appliance doors and pass the appliance laterally.

! WARNING

- Disconnect the power cord, house fuse or circuit breaker before installing, removing the doors, or cleaning the appliance. Failure to follow these instructions may result in death, fire or electric shock.

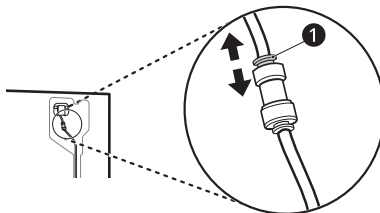
Removing the Hinge Cover

Remove the screws from the hinge cover at the top of the appliance. Lift the hook (not visible), located at the bottom of the front side of the cover with a flat-head screwdriver.



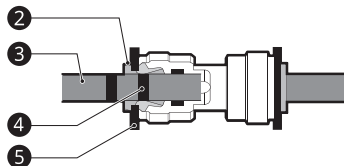
Removing the Left Fridge Door

- 1 The water supply is connected to the upper right part of the rear surface of the appliance. Remove the clip in the joint area. Hold the water supply connection and gently push the collet 1 to detach the water supply line as shown.



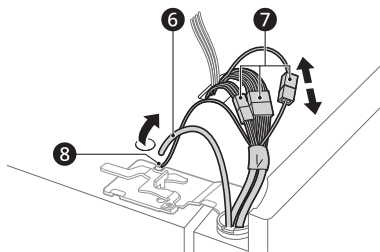
NOTE

- Disassembling/Assembling the Water Lines



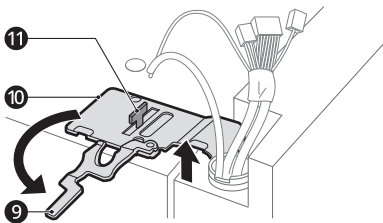
2 Collet 3 Tube 4 Insert line 5 Clip

- 2 Pull out the water supply lines 6. Disconnect all the wire harnesses 7. Unscrew the ground wire 8.



14 INSTALLATION

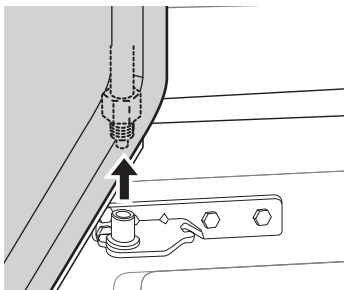
- 3 Rotate the hinge lever 9 counterclockwise. Lift the top hinge 10 free of the hinge lever latch 11.



⚠ CAUTION

- When lifting the hinge free of the latch, be careful that the door does not fall forward.

- 4 Open the door at 90° to the appliance case. Lift the door from the middle hinge pin and remove the door.



⚠ CAUTION

- Place the door, inside facing up, on a non-scratching surface.

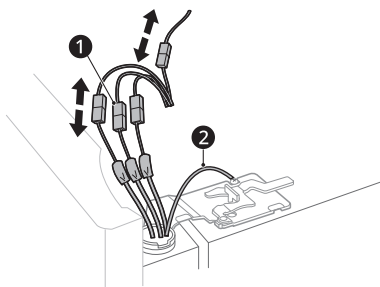
Removing the Right Fridge Door

- 1 Detach all the wire harnesses 1. Unscrew the earth wire 2.

NOTE

- The number of wire harnesses may vary depending on the model.

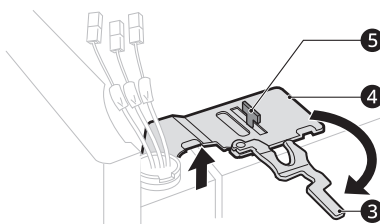
- Earth wire is only present on some models.



- 2 Rotate the hinge lever 3 clockwise. Lift the top hinge 4 free of the hinge lever latch 5.

⚠ CAUTION

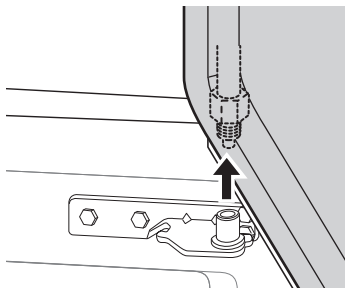
- When lifting the hinge free of the latch, be careful that the door does not fall forward.



- 3 Open the door at 90° to the refrigerator case. Lift the door from the middle hinge pin and remove the door.

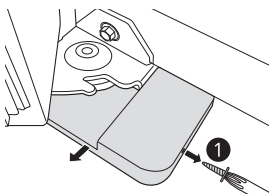
⚠ CAUTION

- Place the door, inside facing up, on a non-scratching surface.

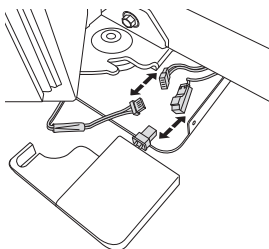


Removing the Freezer Doors

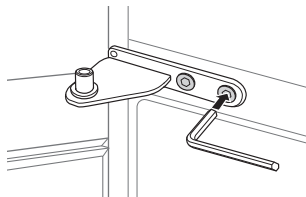
- 1 Unscrew the screw ① that attaches the lower hinge cover and remove the cover.



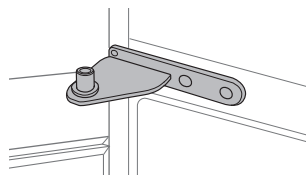
- 2 Disconnect all wire harnesses.



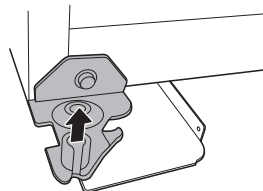
- 3 Remove the two hinge bolts.



- 4 Twist the hinge to raise the pivoting end so that the door can be lifted off.



- 5 Remove the door by lifting it off the lower hinge pin.



Refitting Doors

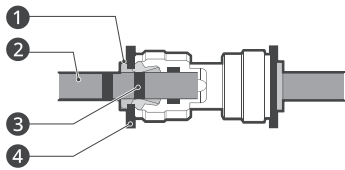
Refit the doors in the reverse sequence of their removal once the appliance has been passed through all access doors.

⚠ CAUTION

- Install the right fridge door first.

NOTE

- Disassembling/Assembling the water lines.

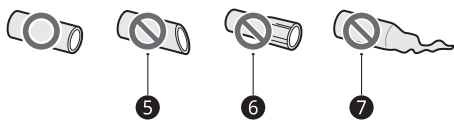


1 Collet 2 Tube 3 Insert line 4 Clip

- Gently insert the tube until only one of the tube's lines is visible. Pull on the tube to make sure that it is tightly fastened.

Correct	
Incorrect	

- If the water tube end is damaged, it should be trimmed to ensure it does not leak when refitted.



5 Not straight 6 Damaged 7 Stretched

Connecting the Water Line

This feature is only available on some models.

Water Supply Requirements

A cold water supply with water pressure between 138 kPa and 827 kPa (1.4-8.4 kgf/cm²) is required to operate the water dispenser. If the refrigerator is installed in an area with low water pressure (below 138 kPa), you can install a booster pump to compensate for the low pressure.

If a reverse osmosis water filtration system is connected to your cold water supply, the water pressure to the reverse osmosis system needs to be a minimum of 138 kPa to 827 kPa (1.4-8.4 kgf/cm²)

WARNING

- Unplug the appliance before carrying out any work on connecting the water line. Failure to do so may cause electric shock.
- Only connect the water line to a cold water supply. Failure to do so may cause the water filter to malfunction. Water hammer (water banging in the pipes) in house plumbing can cause damage to appliance parts and can lead to water leakage or flooding.
- Connect to potable water supply only.
- Use a new hose when connecting water to the appliance. Do not use old, worn or used hoses.
- Connecting the water line must only be installed by a qualified plumber and in accordance with local legislation and regulations governing water quality.

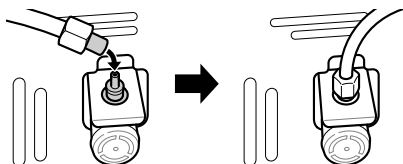
NOTE

- This water line installation is not covered by the appliance warranty.

Connecting Water to the Appliance

- Unscrew the metal threaded collar nut at the back of the appliance and place it over one end of the water tube.

- 2 Firmly push the water tube onto the water inlet valve and tighten up the collar nut.



Checking the Water Connection

- 1 Turn on the water supply and switch on the appliance. Carefully check all fittings for possible leaks due to poorly fitted hoses.
- 2 Press and hold the **Water Filter** button for three seconds. The new water filter has been activated.
- 3 Place a cup under the water dispenser to verify that water is flowing through the appliance.
- 4 Check the connecting tube and joints for leaks once again.

Levelling and Door Alignment

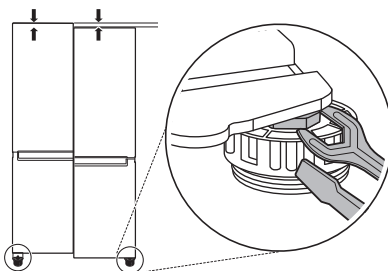
Levelling the Appliance

The appliance has two front levelling legs. Adjust the legs to alter the tilt from front to back or side to side. If the appliance seems unsteady, or the doors do not close easily, adjust the appliance's tilt using the instructions below:

- 1 Turn the nut in the door hinge to adjust the height. It may take several turns of the leveling leg to adjust the tilt of the appliance.

NOTE

- A flare nut wrench works best, but an open-end wrench will suffice. Do not over-tighten.



- 2 Open both doors and check to make sure that they close easily. If the doors do not close easily, tilt the refrigerator slightly more to the rear by turning both levelling legs to the left. It may take several more turns, and be sure to turn both levelling legs the same amount.

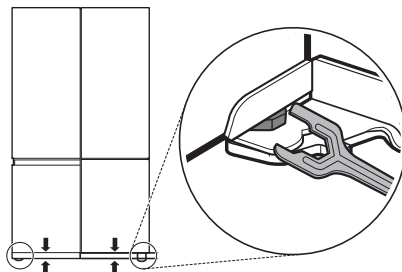
Door Alignment

The fridge and freezer doors have adjustable nuts, located on the bottom hinge, to raise and lower the door for proper alignment.

If the space between the doors is uneven, follow the instructions below to align the door using the wrench (included with the owner's manual).

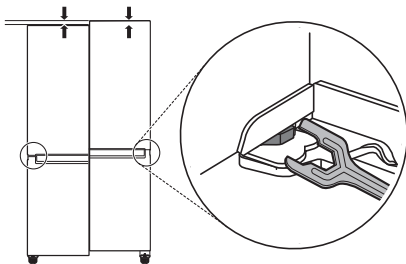
Freezer Door

Open the freezer door and use the wrench to turn the nut in the door hinge to adjust the height.



Fridge Door

Open the fridge door and use the wrench to turn the nut in the door hinge to adjust the height.



Door Mullion and Auto Door

Once the door bins are filled, the doors may become misaligned, preventing the door mullion or the **Auto Door** function from working properly. If the mullion on the left fridge door does not open and close properly or the right fridge door stays ajar, follow the instructions below.

- 1 Make sure both front levelling legs are extended fully and in firm contact with the floor.
- 2 Follow the instructions in the door alignment section to raise the left fridge door until the door mullion is once again working properly.
- 3 Adjust the right fridge door so it aligns with the left fridge door.

Turning on the Power

Connecting the Appliance

To turn on the appliance, connect the power plug into the outlet socket. Do not double up with other appliances on the same outlet.

NOTE

- After connecting the power supply cord (or plug) to the outlet, wait 3 or 4 hours before you put

food into the appliance. If you add food before the appliance has cooled completely, your food may spoil.

- To turn off the appliance, disconnect the power plug from the outlet socket.
-

Moving the Appliance for Relocation

Moving the Appliance

- 1 Remove all food from inside the appliance.
- 2 Pull the power plug out, insert and fix it into the power plug hook at the rear or on top of the appliance.
- 3 Tape parts such as shelves and the door handle to prevent from falling off while moving the appliance.
- 4 Move the appliance with more than two people carefully. When transporting the appliance over a long distance, keep the appliance upright.
- 5 After installing the appliance, connect the power plug into a mains outlet socket and switch it on.

OPERATION

Before Use

Notes for Operation

- Users should keep in mind that frost can form if the door is not closed completely or if the humidity is high during the summer.
- Ensure there is sufficient space between food stored on the shelf or door basket to allow the door to close completely.
- Opening the door for long periods can cause a significant increase of the temperature in the compartments of the appliance.
- If the refrigerating appliance is left empty for long periods, switch off, defrost, clean, dry, and leave the door open to prevent mould developing within the appliance.
- Note that a temperature rise after defrosting has a permissible range in the appliance specifications. If you wish to minimise the impact on the food storage due to a temperature rise, seal or wrap the stored food in several layers.

Door Open Alarm

This feature is only available on some models.

The alarm sounds if the door is left open or not completely closed. The door alarm feature cannot be disabled.

NOTE

- Contact the LG Electronics customer information centre if the alarm sound continues even after closing all doors.

Failure Detection

The appliance can automatically detect problems during the operation.

NOTE

- If a problem is detected, the appliance may not operate and an error code is displayed even when any button is pressed.
- If an error code is indicated on the display, do not turn off the power. Immediately contact the LG Electronics customer information centre and report the error code. If you turn off the power, the repair technician from the our information centre may have difficulty finding the problem.

Suggestion for Energy Saving

- For the most efficient use of energy, keep all inner parts (e.g. door bins, drawers and shelves) on their original location.
- Ensure there is sufficient space between stored foods. This allows cold air to be circulated evenly and lowers electricity bills.
- Store hot food only after it has cooled in order to prevent dew or frost.
- When storing food in the freezer compartment, set the freezer temperature lower than the temperature indicated on the food.
- Do not set the temperature of the appliance lower than needed.
- Do not put food near the temperature sensor of the fridge compartment. Keep a distance of at least 3 cm from the sensor.

Storing Foods Effectively

- Food may freeze or spoil if stored at the wrong temperature. Set the refrigerator to the correct temperature for the food being stored.
- Store frozen food or refrigerated food inside sealed containers.
- Check the expiration date and label (storage instructions) before storing food in the appliance.

- Do not store food for a long period of time if it spoils easily at a low temperature.
- Do not place unfrozen food in direct contact with food that is already frozen. It could be necessary to reduce the quantity to be frozen if freezing every day is anticipated.
- Place the refrigerated food or frozen food in each fridge or freezer compartment immediately after purchasing.
- Store raw meat and fish in suitable containers in the refrigerator, so that it is not in contact with or drip onto other food.
- Refrigerated foods and other food items can be stored on top of the vegetable drawer.
- Avoid refreezing any food which has been completely thawed. Freezing any food which has been completely thawed again will lower its taste and nutrition.
- Do not overfill the appliance. Cold air can not circulate properly if the appliance is overfilled.
- Cool hot food before storing. If too much hot food is placed inside, the internal temperature of the appliance can increase and negatively affect other foods stored in the appliance.
- If you set an excessively low temperature for food, it may become frozen. Do not set a temperature lower than the required temperature for the food to be stored correctly.
- If there are chill compartments in the appliance, do not store vegetables and fruits with higher moisture content in the chill compartments as they may freeze due to the lower temperature.
- In the event of a blackout, call the electricity company and ask how long it is going to last.
 - You should avoid door openings while the power is off.
 - When the power supply gets back to normal, check the condition of the food.
- Two star frozen food compartments are suitable for storing pre-frozen food, storing or making icecream and making ice cubes.
- Two star compartments are not suitable for the freezing of fresh food.

Maximum Freezing Capacity

- **Express Freeze** function will allow the freezer to reach its maximum freezing capacity. This generally takes up to 3 hours and automatically switches off.
- **Express Freeze** must be switched on for 2 hours before fresh products are placed in the freezer compartment.
- To get better air circulation, insert all inner parts like baskets, drawers, and shelves.

Freezing the Maximum Amount of Food

If large quantities of food are to be stored, all the freezer drawers should be taken out of the appliance except the bottom one and the food should be stacked directly on the freezer shelves in the freezer compartment.

CAUTION

- To remove the drawers, first remove the food from drawers and then pull out the drawers carefully. Not doing so could cause injury or damage to the drawers.
-

NOTE

- The shape of each drawer may be different, insert in the right position.
-

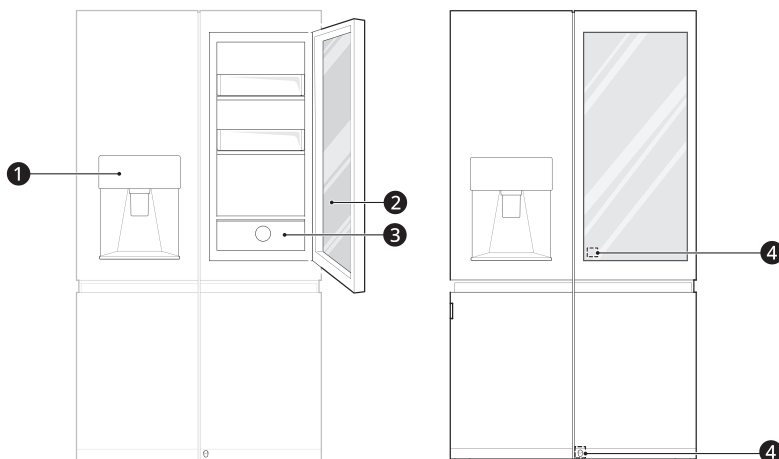
Two Star Compartment

- Two star (**) basket or drawer can be used to store ice and food from -12 °C to -18 °C for short periods.

Product Features

The appearance or components of the appliance may differ from model to model.

Exterior



❶ Dispenser Control Panel

Sets the water filter condition and the dispenser mode.

❷ InstaView Door-in-Door

The **InstaView Door-in-Door** compartment allows for easy access to commonly used food items.

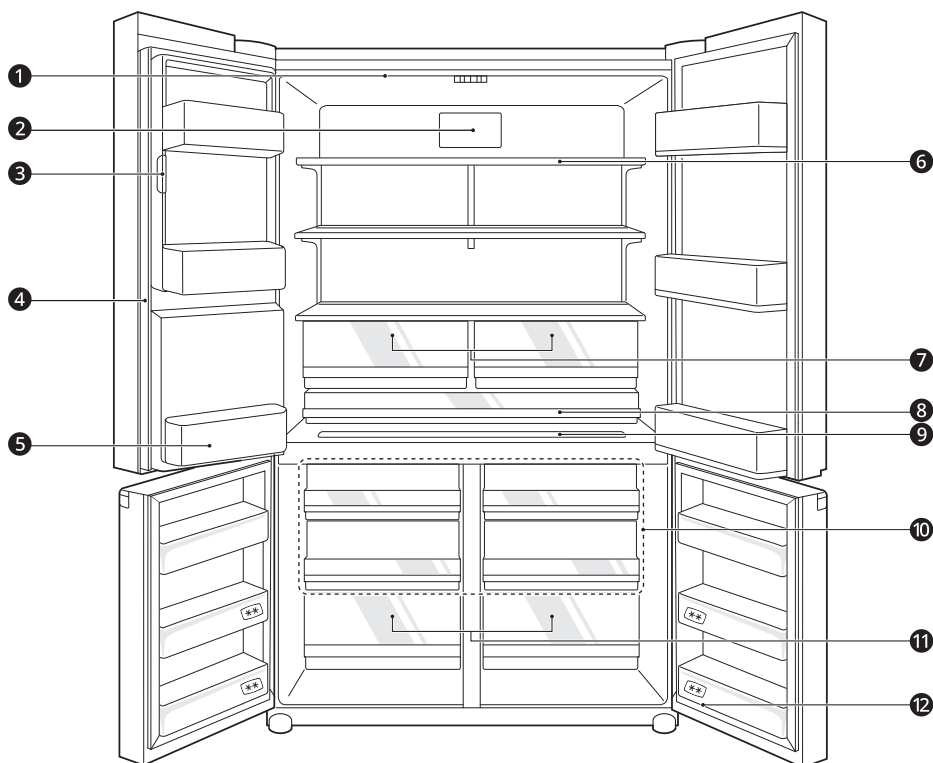
❸ Appliance Control Panel

Displays status and enables control of fridge and freezer temperatures.

❹ Auto Open Door Sensor

The right fridge door opens automatically if you place your foot near the motion sensor at the bottom of the door.

Interior (Two Star ******)



① LED Interior Lighting

Lights up the inside of the fridge.

② Fresh Filter

Reduces odours inside the fridge compartment.

③ In-Door Icemaker

Automatically produces and stores ice.

④ Door Mullion

Prevents the cold air in the fridge from escaping when the doors are closed.

⚠ CAUTION

- To reduce the risk of scratching the door or breaking the center door mullion, make sure that the folding door mullion is folded in before closing the left-hand door.
- The door alarm will sound every 30 seconds if the door remains open longer than one minute.

⑤ Fridge Door Basket

Stores chilled food or drinks.

⑥ Adjustable Fridge Shelf

The fridge shelves are adjustable to meet individual storage needs.

Stores refrigerated foods and other food items. Stores the foods with higher moisture content at the front of the shelf.

⑦ Crisper

Stores vegetables and fruits.

⑧ CustomChill Pantry

Stores meat, fish, dairy products, beverages, and other items that need to be kept chilled.

⑨ Hidden Bar Tray

Stores dairy snacks or other small items you want to keep especially cold. It is also a handy place to defrost meat.

⑩ Auto Open Freezer Drawer A

Stores small packaged frozen food or frequently used foods.

NOTE

- To freeze food items quickly, store the food in the front of top and middle drawers. Food items will freeze most quickly in the drawers.

⑪ Auto Open Freezer Drawer B

Stores frozen food for longer storage.

⑫ Freezer Basket

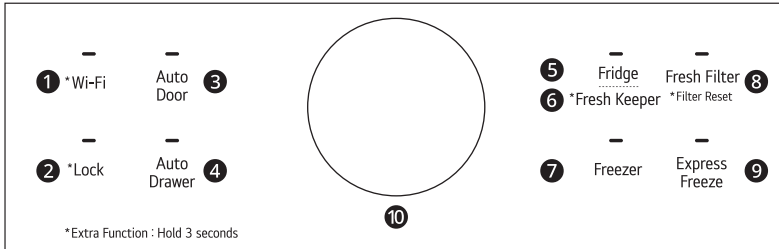
Stores small packaged frozen food or frequently used foods

Control Panel

The actual control panel may differ from model to model.

Control Panel and Functions

Appliance Control Panel



1 Wi-Fi

This button, when used with the **LG ThinQ** app, allows the appliance to connect to a home Wi-Fi network. Refer to SMART FUNCTIONS for information on the initial setup of the application.

2 Lock

This locks buttons on the control panel.

- To lock the control panel buttons, press and hold this button until the indicator appears in the display and the function is activated.
- To disable the function, press and hold this button for approximately 3 seconds.

3 Auto Door

The right fridge door opens automatically if you place a foot near the motion sensor at the bottom of the door. This is convenient when you have both hands full and need to open the fridge door. To set the automatic opening door function, press the button repeatedly to toggle between the ON, Sound Off, and OFF settings.

4 Auto Drawer

When **Auto Drawer** is enabled, the freezer drawers automatically open when the freezer door is opened. The drawers automatically close when the freezer door is closed.

5 Fridge

Press this button repeatedly to select a desired temperature between 0 °C and 7 °C.

- The default fridge temperature is 3 °C.

6 Fresh Keeper

This minimises the spoiling of food from temperature changes by maintaining the fridge's temperature at 2 °C.

- To turn on this function, press and hold this button for 3 seconds and its icon will appear in the control panel.
- To turn off this function, press and hold this button for 3 seconds.

7 Freezer

Press this button repeatedly to select a desired temperature between -24 °C and -16 °C.

- The default freezer temperature is -18 °C.

8 Fresh Filter

This function reduces odours inside the fridge.

Replace the water filter when the indicator lights up.

- After changing the filter, push and hold the button for 3 seconds to reset the filter replacement reminder indicator.

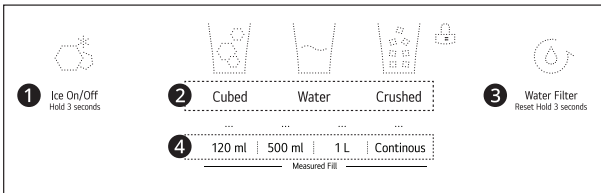
9 Express Freeze

This function increases both ice making and freezing capabilities.

Press this button to illuminate the indicator and activate the function for 3 hours. The function automatically shuts off after 3 hours. To deactivate the function manually, press this button again.

10 Display Unit

Shows the appliance settings. Press buttons ❶ ~ ❹ to see the setting for each function.

Dispenser Control Panel**❶ Ice On/Off**

Press and hold this button for 3 seconds to turn the icemaker on or off.

❷ Water & Ice Type

Select the desired dispenser mode from the buttons on the dispenser control panel. Press the dispenser switch with a glass or other container to dispense cubed ice, water or crushed ice.

❸ Water Filter

After changing the filter, press and hold this button for 3 seconds to reset the filter.

❹ Measured Fill

The measured fill function dispenses premeasured amounts of water automatically.

1 Select the desired amount from the **Measured Fill** buttons on the dispenser control panel.

2 Press the dispenser paddle with a container.

3 To stop the measured fill, release the dispenser paddle.

NOTE

- The actual control panel may differ from model to model.

Ice and Water Dispenser

Before Using the Ice and Water Dispenser

⚠ CAUTION

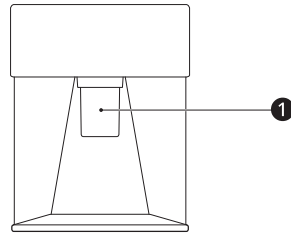
- Keep children away from the dispenser to prevent children playing with or damaging the controls.
- Throw away the first few batches of ice (about 20 cubes and 7 cups of water). This is also necessary if the appliance has not been used for a long time.
- Clean the water dispensing system if they have not been used for 48 hours. Flush the water system connected to a water supply if water has not been drawn for 5 days.
- To clean the water dispensing system, flush the water through the dispenser about 5 minutes and throw away the first few batches of ice.
- Do not use a thin crystal cup or chinaware when dispensing water or ice.

NOTE

- If you open the fridge door while water, cubed ice or crushed ice is being dispensed, dispensing will be paused. When you close the door, the selected item will continue to be dispensed.
- If the cup rim is small, water may splash out of the glass or miss it completely.
- Use a cup with a rim of over 68 mm in diameter when dispensing water, cubed ice or crushed ice.
- When the ice maker produces smaller ice cubes, or the cubes become lumped together, the amount of water supplied to the ice maker may be low due to insufficient water in the water tank. If ice is not used frequently or the freezer set temperature is too warm, it may also lump together.
- It is normal for milky / cloudy water to be dispensed after replacing the water filter. This air in the water will eventually clear and is safe to drink during this transition.

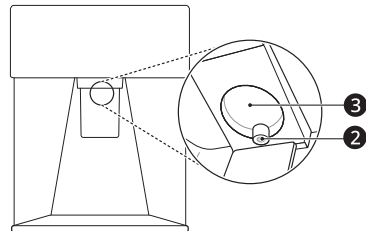
Using the Ice and Water Dispenser

- 1** Press the button for the desired dispenser mode on the dispenser control panel. The LED lights up when the mode is selected.
- 2** Press the dispenser paddle **①** with a glass or other container to dispense cubed ice, water or crushed ice.



Cleaning the Dispenser

Wipe the water outlet **②** or ice outlet **③** frequently with a clean, lint free cloth as it may get dirty easily.

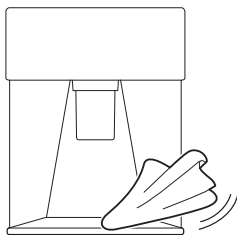


NOTE

- Lint from a cloth may adhere to the outlets.

Cleaning the Dispenser Tray

Wipe the entire area with a damp cloth. The dispenser tray may become wet easily due to spilled ice or water.



Automatic Icemaker

This feature is only available on some models.

This feature may vary depending on model purchased.

Before Using the In-Door Icemaker

- The icemaker produces ice normally when approximately 48 hours have passed after the appliance is initially installed.
- If the ice bin is completely filled with ice, ice production will stop.
- Sound of ice dropping into the ice bin is normal.
- If ice cubes are stored in the ice bin for a long period of time, they may clump together and may not be separated easily. In such a case, empty the ice bin and allow fresh ice to be made.

⚠ CAUTION

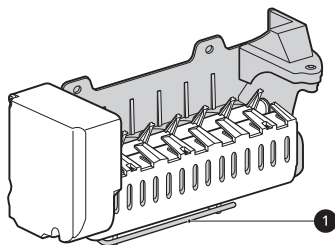
- It is normal for milky or cloudy water to be dispensed after replacing the water filter. This air in the water will clear eventually and is safe to drink.
- The first ice and water dispensed may include particles or odour from the water supply line or the water tank.
- If discolored ice is dispensed, check the water tank and the water supply for a possible source. If the problem continues, contact the LG Electronics customer information centre. Do not

use the ice or water until the problem is corrected.

- Do not touch the ice outlet or the automatic icemaker with your hand or a tool.
- Dispense ice into a glass before filling it with water or other beverages. Splashing will occur if ice is dispensed into a glass that already contains liquid.
- Never use a glass that is exceptionally narrow or deep. Ice may jam in the ice passage, affecting the performance of the appliance.
- Keep the glass at a proper distance from the ice outlet. A glass held too close to the outlet may prevent ice from dispensing.
- Dispose of the ice inside the ice bin if you go on vacation or if an extended power outage occurs. Water from melting ice may drop from the dispenser onto the floor.
- A container with a very small opening should be held as close to the dispenser as possible to avoid spilling.

In-Door Icemaker

The automatic icemaker can automatically make 7 cubes at a time, 50 - 60 cubes within a 24-hour period if conditions are favourable. This amount may vary according to the environment (ambient temperature around the appliance, frequency of the door being opened, amount of food stored in the appliance, etc.).



① Auto Shutoff (feeler arm)

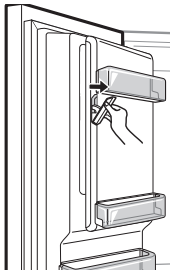
Removing/Refitting the Ice Storage Bin

⚠ CAUTION

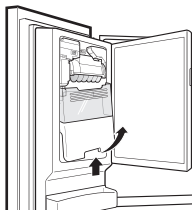
- When handling the ice bin, keep hands away from the icemaker tray area to avoid personal injury.
- Avoid touching the auto shutoff (feeler arm) when replacing the ice bin. See the label on the ice compartment door for details.



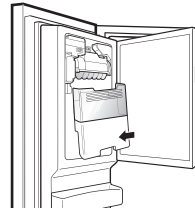
- 1 To detach, gently pull the handle to open the ice compartment.



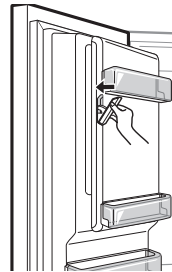
- 2 Grip the front handle, slightly lift the bottom, and slowly pull out the bin.



- 3 To assemble, slant the top slightly to fit it under the icemaker.



- 4 Gently push the handle to close the ice compartment.



Turning the Icemaker On/Off

To turn the automatic icemaker On/Off, press and hold the **Ice On/Off** button on the control panel for three seconds.

⚠ CAUTION

- Do not keep the power turned on to the icemaker if the water line is not connected. Doing so can damage the icemaker.

Normal Sounds You May Hear

- The icemaker water valve buzzes as the icemaker fills with water. If the **Ice On/Off** button is set to **On**, it will buzz even if it has not yet been hooked up to water. To stop the buzzing, press the **Ice On/Off** button to **Off** position.
- You will hear the sound of ice dropping into the bin and water running in the pipes as the icemaker refills.

Preparing for Vacation

To turn the icemaker off, press and hold the **Ice On/Off** button for three seconds and set the **Ice On/Off** button to Off. Also, shut off the water supply to the appliance.

NOTE

- The ice bin should be emptied any time the **Ice On/Off** button is turned Off.

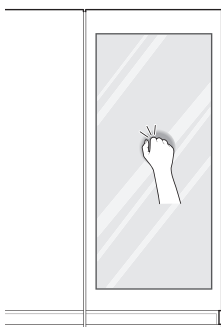
If the ambient temperature will drop below freezing, have a qualified technician drain the water supply system to prevent serious property damage due to flooding caused by ruptured water lines or connections.

InstaView

This feature is only available on some models.

Using the InstaView Door in Door

The **InstaView Door in Door** lets you see if you're running low on frequently used items like beverages and snacks, without opening the fridge door.



- 1 Knock twice on the glass to turn the LED light inside the **Door in Door** on or off.
- 2 The LED light turns off automatically after ten seconds.

⚠ CAUTION

- Do not open the door of the appliance with the door in door open, or do not open the door in door while the door of the appliance is open. The door in door may be struck by the edge of the appliance and damaged.

NOTE

- The **InstaView Door in Door** function is disabled for 2 seconds after closing the left or right freezer door.
- Knock near the center of the glass. Knocking near the edges of the glass may not activate the **InstaView Door in Door** function.
- Knock hard enough so that the knocking sound is audible.
- The **InstaView Door in Door** function may activate if a loud noise occurs near the refrigerator.
- Clean the glass door with a dry cloth. To remove stubborn stains, slightly moisten a clean cloth with lukewarm water or a glass cleaner. Do not spray glass cleaner directly at the glass door.

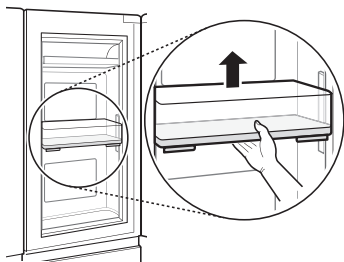
Door in Door

This feature is only available on some models.

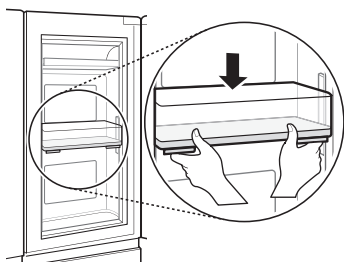
Using the EasyLift Bin

Move the **EasyLift Bin** up and down easily and conveniently as necessary. Remove the contents of the bin before raising or lowering it.

- 1 To raise the bin, hold the center of the bin and lift.



- 2 To lower the bin, press the side levers up at the same time and move the bin down until it clicks into place.



⚠ CAUTION

- Empty contents of **EasyLift Bin** before raising or lowering it to avoid personal injury or damage to the bin or its contents.
- If the bin is not level after adjusting it, gently raise it until it clicks into place.

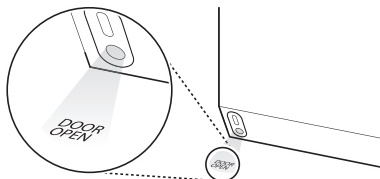
Automatic Opening Door/Drawer

Using the Automatic Opening Door

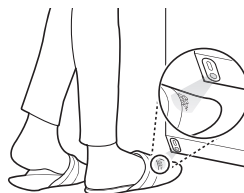
The right fridge door opens automatically if you place a foot near the motion sensor at the bottom of the door. This is convenient when you have both

hands full of groceries and need to open the fridge door. To set the function, press the **Auto Door** button repeatedly to toggle between the ON, Sound Off and OFF settings.

- 1 When the **Auto Door** function is enabled, text is displayed on the floor near the motion sensor.



- 2 Pass one foot in front of the motion sensor and step on the displayed text. The right fridge door opens. If the door opens less than about 20 degrees and is not opened further, it will close automatically after 3 seconds.



⚠ CAUTION

- You may want to disable the **Auto Door** function if you have young children or persons with reduced physical, sensory, or mental capabilities in the home. They could be injured if the door opens unexpectedly while they are nearby.
- Do not push on the door while the **Auto Door** function is opening or closing the door.

NOTE

- Place your foot close enough to the sensor that the text appears on top of the foot, not just on the toes.



- The displayed text may not be readable on some flooring materials, but this will not affect the performance of the automatic door opening function.
- If flooring material is highly reflective (metal, glass tile), the motion sensor may malfunction and the automatic door opening function may not work properly.
- Reflective objects placed in front of the motion sensor may cause the text to display, but the text disappears if no movement is detected.
- If a pet passes by below when a person stands in front of the product, the automatic door opening function may be triggered.

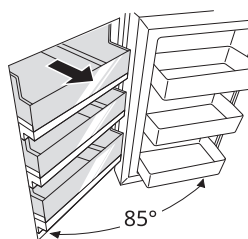
Using the Automatic Opening Drawer

Press **Auto Drawer** button to activate or deactivate the function. When the function is activated, an icon appears on the display.

Open the freezer door at least 85 degrees to automatically open the drawers. Slowly close the door to automatically close the drawers.

Use the upper compartments to store packaged frozen foods and frequently-used foods.

Use the lower compartments for larger frozen foods and items stored for longer periods.



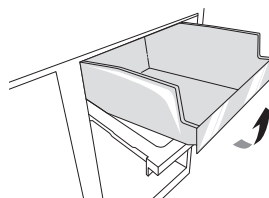
CAUTION

- Do not use excessive force to push or pull the freezer drawers.
- Do not slam the freezer door shut while the drawers are open. Failure to follow this caution may result in personal injury or damage to the appliance.

Using Without Freezer Drawer

To make more room in the freezer compartment, remove the top two freezer drawers without removing the drawer supports.

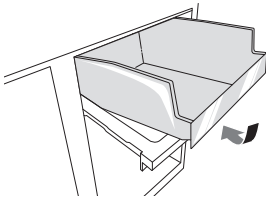
- Press the **Auto Drawer** button on the control panel to deactivate the auto open drawer function.
- Pull the freezer drawer out until it stops. Lift the empty freezer drawer slightly to remove it from the support.



CAUTION

- Empty all contents out of the drawer before removing it.

- 3** To reassemble, pull out the drawer support until it stops. Angle the drawer into the space and set it on the support.



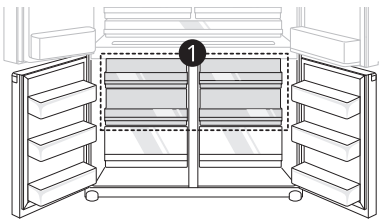
- 4** Slide the drawer back until it lowers into place on the support. Close the drawer.

⚠ CAUTION

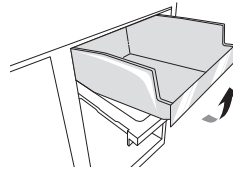
- The drawers are heavy. Always use two hands when removing or assembling the drawers to avoid product damage or personal injury.
- Always open the freezer doors completely before removing or assembling the drawers.

NOTE

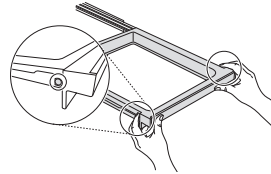
- Only the top two freezer drawers **1** are removable.



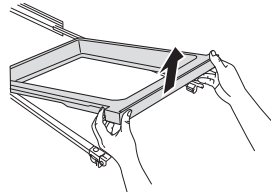
- 2** Lift the empty freezer drawer slightly to remove it from the shelf.



- 3** Press the levers on either side of the drawer support.



- 4** Keeping both levers pressed, lift the drawer support slightly and remove it from the rail.



⚠ CAUTION

- Always empty the drawers before removing them, and use both hands when removing and assembling them.

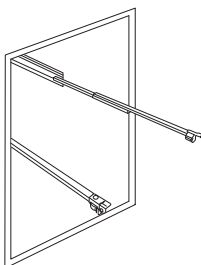
Removing/Assembling the Freezer Drawer Support

Removing the Freezer Drawer Support

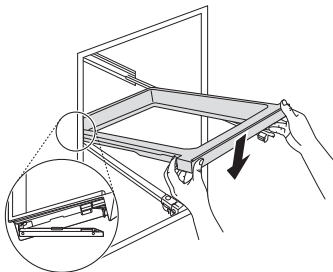
- 1** Press the **Auto Drawer** button on the control panel to deactivate the auto open drawer function.

Assembling the Freezer Drawer Support

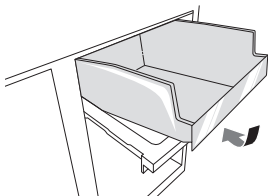
- 1 Pull both drawer rails out until they stop.



- 2 Line up the bottom edges on the sides of the drawer support with the groove in each rail and then lower the support until it clicks into place.



- 3 Slide the drawer back until it lowers into place on the support.



- 4 Press the **Auto Drawer** button on the control panel to activate the auto open drawer function.

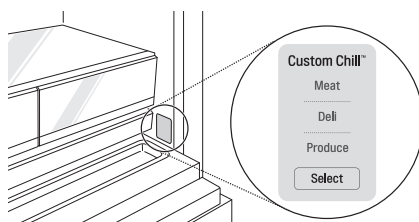
CustomChill Pantry

Using the CustomChill Pantry

This space is used to store meat, fish, dairy products, beverages, and other items that need to be kept chilled.

Select a temperature setting for the **CustomChill Pantry** by pressing the **Select** button repeatedly to toggle between **Meat**, **Deli**, or **Produce**.

- **Meat** (Coldest): Meat or beverages
- **Deli** (Colder): Cooked or prepared food ready for serving
- **Produce** (Cold): Vegetables or fruit



NOTE

- Vegetables or fruits may freeze if placed in the **CustomChill Pantry** when it is set to **Meat** or **Deli**.
- The temperature setting becomes progressively colder from **Produce** → **Deli** → **Meat**.

Hidden Bar Tray

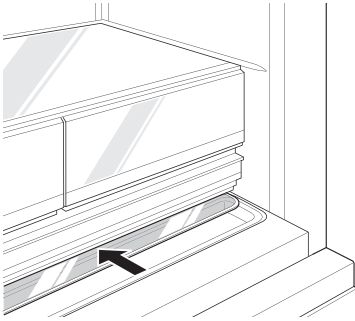
Using the Hidden Bar Tray

The Hidden Bar Tray compartment is slightly cooler than the shelf or door bin areas, so it is a convenient place to store dairy snacks or other small items you want to keep especially cold. It is also a handy place to defrost meat.

To open the cover, push the handle toward the rear of the bin to release the catch.

34 OPERATION

To close the cover, slide the cover over the bin until the catch clicks into place.



NOTE

- Be careful when handling and storing larger eggs. They can be broken if the cover is not completely closed and the drawer above is pushed in.
- Store foods like tofu, celery or lettuce which have high water content or freeze easily on the interior shelves at the front.

Drawer

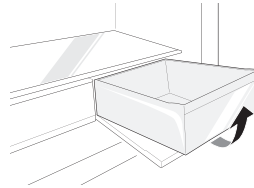
⚠ CAUTION

- Always empty the drawers before removing them, and use both hands when removing and refitting them.
- Make sure that the fridge doors are fully open before removing and refitting the drawers.

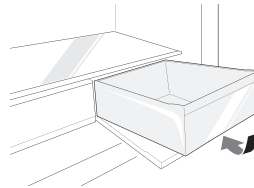
Removing/Assembling the Crisper Drawer

For added room in the fridge compartment, remove the drawer supports and shelves.

- 1 To remove, pull the crisper drawer out until it stops. Slightly lift the crisper drawer to remove it from the support.



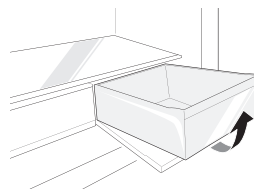
- 2 To assemble, pull out the crisper drawer support until it stops. Angle the crisper drawer into the opening to place it on the support. Slide the crisper drawer back on the support until it drops into place and then close the crisper drawer.



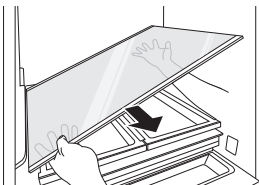
Removing/Assembling the Crisper Support

For added room in the fridge compartment, remove the drawer supports and shelves.

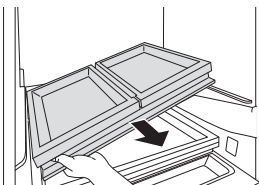
- 1 To remove, pull the crisper drawer out until it stops. Slightly lift the crisper drawer to remove it from the support.



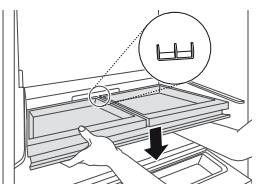
- 2** Lift the front of the crisper drawer cover until you hear a loud click. Tilt the cover slightly and support it with one hand while pulling it out.



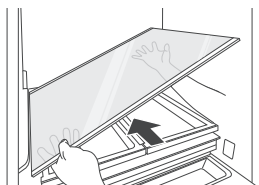
- 3** Open the convertible pantry and lift the front side of the crisper drawer with both hands. Slide one hand under the crisper drawer box and tilt the box up slightly to remove it.



- 4** To assemble, use one hand to support the bottom of the crisper support box while aligning the inner edge of the box with the groove inside the fridge. Lower the box into place.



- 5** Angle the crisper cover into the fridge and then lower it into place. Slide the crisper cover back until it stops.



- 6** Slide the crisper drawer back on the support until it drops into place and then close the crisper drawer.

CAUTION

- Remove items from on top of the glass cover before removing the cover.
- Take care when handling the glass cover. There is still a risk of injury if the glass is broken, even though it is tempered glass.

Shelf

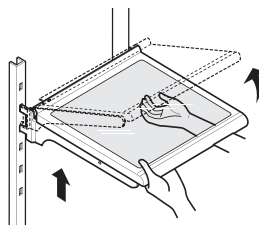
CAUTION

- Glass shelves are heavy. Use special care when removing them.
- Do not clean glass shelves with warm water while they are cold. Shelves may break if exposed to sudden temperature changes or impact.

Removing/Refitting the Shelf

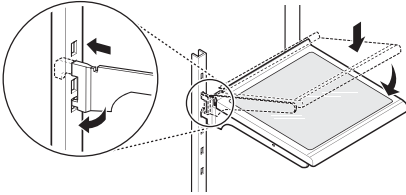
- 1** To detach, tilt up the front of the shelf and lift the shelf straight up.

- 2** Pull the shelf out.



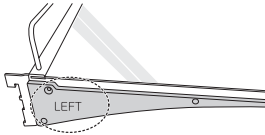
- 3** To assemble, tilt the front of the shelf up and guide the shelf hooks into the slots at a desired height.

- 4 Lower the front of the shelf so that the hooks drop into the slots.



NOTE

- If the left and right side of the shelf are switched and reassembled, the shelf light does not turn on.



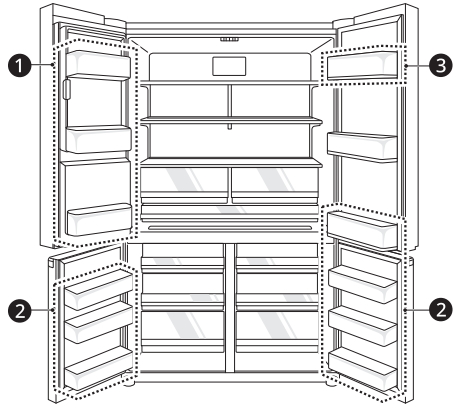
- The shelf light turns on only when the shelf is installed in the highest or lowest positions.
- Foreign objects and dirt between the shelf and the inner cabinet wall could prevent the shelf light from turning on.
- The shelf light turns on when the door is opened.
- The shelf light turns off after seven minutes or when the door is closed.

Door Basket

Removing/Refitting the Door Basket

You can store small packaged frozen food in the freezer door baskets, or small packaged refrigerated food or beverages in the fridge door baskets, such as milk, water, juice, beer, etc.

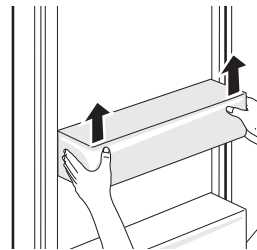
Do not store ice cream or foods intended for long-term storage in the freezer door baskets.



- 1 Left Fridge Door Baskets
- 2 Freezer Baskets and Lower **InstaView Door in Door** Basket
- 3 Upper **InstaView Door in Door** Basket

Left Fridge Door Baskets

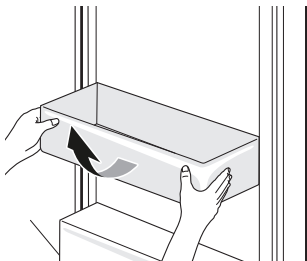
- 1 To remove the door baskets, hold the basket with both hands and lift up to remove it.



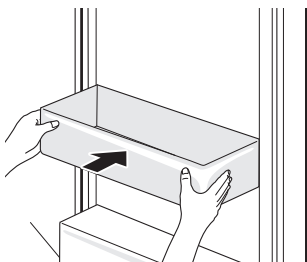
- 2 To replace the freezer door basket, align both sides of the basket with the guides and push the basket down until it snaps into place.

Freezer Baskets and Lower InstaView Door-in-Door Basket

- 1 To remove the door baskets, tilt the front of the basket up slightly while pulling the sides forward.

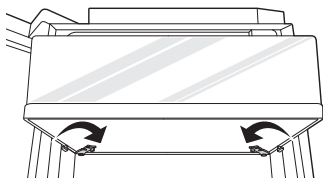


- 2 To replace, align the bottom basket tabs with the rail slots then push the basket in until it clicks into place.



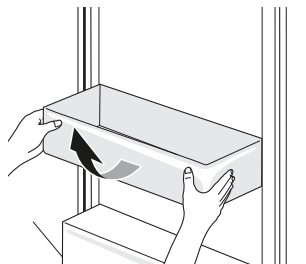
Upper InstaView Door in Door Basket

- 1 To remove, open the latches underneath the bin by rotating them inwards.

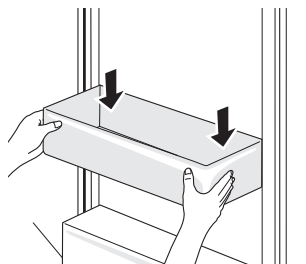


- 2 Tilt the front of the basket up until the tabs on the top sides clear the rails, then push the bin

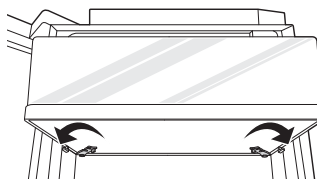
slightly backward. Hold both ends of the basket and lift.



- 3 To assemble, slightly tilt the front of the basket up to align and insert the plastic tabs on the sides of the basket into the indents in the rails. Make sure the basket latches are fully open.



- 4 Hold the sides of the basket and pull it slightly forward to correctly position the latches. Close the latches by rotating them toward the sides of the basket.



Using the Door in Door Basket Bars

The metal bars attached to the **Door in Door** basket can be used as either rails or dividers.

- To keep tall items secure in the door basket, unfold the bar and extend it upward from the top of the basket as a rail.
- To keep basket contents organized, unfold the bar and extend it back into the basket as a divider.

38 OPERATION

- Fold the bar down into the front of the basket when not in use.

SMART FUNCTIONS

LG ThinQ Application

This feature is only available on models with Wi-Fi. The **LG ThinQ** application allows you to communicate with the appliance using a smartphone.

LG ThinQ Application Features

Communicate with the appliance from a smartphone using the convenient smart features.

Smart Diagnosis

- If you experience a problem while using the appliance, this smart diagnosis feature will help you diagnose the problem.

Settings

- Allows you to set various options on the appliance and in the application.

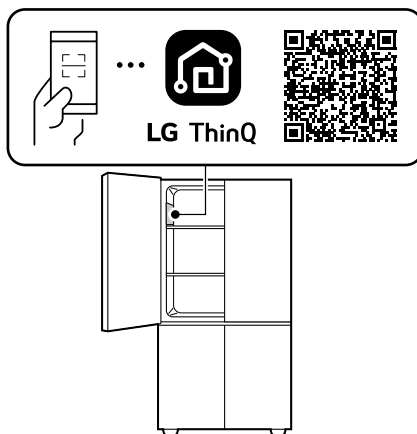
NOTE

- If you change your wireless router, internet service provider, or password, delete the registered appliance from the **LG ThinQ** application and register it again.
- The application is subject to change for appliance improvement purposes without notice to users.
- Functions may vary by model.

Installing LG ThinQ Application and Connecting an LG Appliance

Models with QR Code

Scan the QR code attached to the product using the camera or a QR code reader application on your smartphone.



Models without QR Code

- 1 Search for and install the **LG ThinQ** application from the Google Play Store or Apple App Store on a smartphone.
- 2 Run the **LG ThinQ** application and sign in with your existing account or create an LG account to sign in.
- 3 Touch the add (+) button on the **LG ThinQ** application to connect your LG appliance. Follow the instructions in the application to complete the process.

NOTE

- To verify the Wi-Fi connection, check that the Wi-Fi indicator on the control panel is lit.

NOTE

- The appliance supports 2.4 GHz Wi-Fi networks only. To check your network frequency, contact your Internet service provider or refer to your wireless router manual.
- **LG ThinQ** is not responsible for any network connection problems or any faults, malfunctions, or errors caused by network connection.
- The surrounding wireless environment can make the wireless network service run slowly.
- If the distance between the appliance and the wireless router is too far, the signal strength becomes weak. It may take a long time to connect or installation may fail.
- If the appliance is having trouble connecting to the Wi-Fi network, it may be too far from the router. Purchase a Wi-Fi repeater (range extender) to improve the Wi-Fi signal strength.
- The network connection may not work properly depending on the Internet service provider.
- The Wi-Fi connection may not connect or may be interrupted because of the home network environment.
- The appliance cannot be connected due to problems with the wireless signal transmission. Unplug the appliance and wait about a minute before trying again.
- If the firewall on your wireless router is enabled, disable the firewall or add an exception to it.
- The wireless network name (SSID) should be a combination of English letters and numbers. (Do not use special characters.)
- Smartphone user interface (UI) may vary depending on the mobile operating system (OS) and the manufacturer.
- If the security protocol of the router is set to **WEP**, you may fail to set up the network. Please change it to other security protocols (**WPA2** is recommended) and connect the product again.
- To disable the Wi-Fi function, press and hold the **Wi-Fi** button for 3 seconds. The Wi-Fi indicator will be turned off.
- To reconnect the appliance or add another user, press and hold the **Wi-Fi** button for 3 seconds to temporarily turn it off. Run the **LG ThinQ**

application and follow the instructions in the application to connect the appliance.

RF Radiation Exposure Statement

This equipment shall be installed and used at a minimum distance of 20 cm from the human body.

Open Source Software Notice Information

To obtain the source code that is contained in this product, under GPL, LGPL, MPL, and other open source licenses that have the obligation to disclose source code, and to access all referred license terms, copyright notices and other relevant documents, please visit <https://opensource.lge.com>.

LG Electronics will also provide open source code to you on CD-ROM for a charge covering the cost of performing such distribution (such as the cost of media, shipping, and handling) upon email request to opensource@lge.com.

This offer is valid to anyone in receipt of this information for a period of three years after our last shipment of this product.

Smart Diagnosis

Use this feature to help you diagnose and solve problems with your appliance.

NOTE

- For reasons not attributable to LGE's negligence, the service may not operate due to external factors such as, but not limited to, Wi-Fi unavailability, Wi-Fi disconnection, local app store policy, or app unavailability.
 - The feature may be subject to change without prior notice and may have a different form depending on where you are located.
-

Using LG ThinQ to Diagnose Issues

If you experience a problem with your Wi-Fi equipped appliance, it can transmit troubleshooting data to a smartphone using the **LG ThinQ** application.

- Launch the **LG ThinQ** application and select the **Smart Diagnosis** feature in the menu. Follow the instructions provided in the **LG ThinQ** application.

- 4 After the data transfer is complete, the diagnosis will be displayed in the application.

NOTE

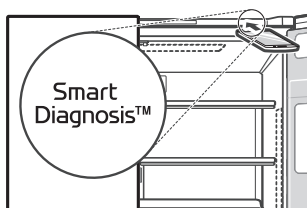
- For best results, do not move the phone while the tones are being transmitted.

Using Audible Diagnosis to Diagnose Issues

Follow the instructions below to use the audible diagnosis method.

- Launch the **LG ThinQ** application and select the **Smart Diagnosis** feature in the menu. Follow the instructions for audible diagnosis provided in the **LG ThinQ** application.

- 1 Open the **Door in Door** and press the **Lock** button for 3 seconds to activate the lock function.
 - If the display has been locked for over five minutes, you must deactivate the lock and then reactivate it.
- 2 Press and hold the **Freezer** button for three seconds. When the display indicates **Smart Diagnosis** and number **3**, release the **Freezer** button and close the **Door in Door**.
- 3 Open the fridge door and then hold the phone on the upper right speaker hole.



MAINTENANCE

Cleaning

General Cleaning Tips

- Performing manual defrosting, maintenance or cleaning of the appliance while food is stored in the freezer can raise the temperature of the food and reduce its storage life.
- Regularly clean any surfaces that can come in contact with food.
- When cleaning the inside or outside of the appliance, do not wipe it with a rough brush, toothpaste, or flammable materials. Do not use cleaning agents containing flammable substances. This may cause discolouration or damage to the appliance.
 - Flammable substances: alcohol (ethanol, methanol, isopropyl alcohol, isobutyl alcohol, etc.), thinner, bleach, benzene, flammable liquid, abrasive, etc.
- After cleaning, check if the power cable is damaged.

Cleaning the Exterior

- The outside air vents and rear lower cover should be cleaned periodically to remove dust build up. Failure to do so could cause the appliance to lose its cooling ability and cause the compressor to overheat and malfunction resulting in food loss.
- When cleaning the side vents and rear lower cover by vacuuming, then the power cord must be unplugged from the outlet to avoid any static discharge that can damage the electronics or cause an electric shock. Regular cleaning of the rear and side ventilation covers is also necessary to maintain reliable and economical operation of the unit.
- Failure to keep the air vents on the exterior of the appliance clean can also cause overheating, appliance damage or property damage if the defrosted water cannot evaporate from the rear drain pan.
- For the appliance exterior, use a clean sponge or soft cloth and a mild detergent in warm water.

Do not use abrasive or harsh cleaners. Dry thoroughly with a soft dedicated cloth. Do not use contaminated cloths when cleaning the stainless steel doors. Always use a dedicated cloth and wipe in the same direction as the grain. This helps reduce surface staining and tarnishing.

Cleaning the Interior

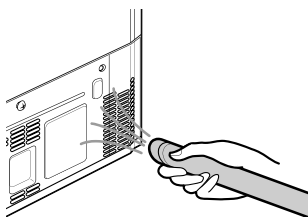
- When removing a shelf or drawer from inside the appliance, remove all stored foods from the shelf or drawer to prevent injury or damage to the appliance. Otherwise, injury may occur due to the weight of stored foods.
- Detach the shelves and drawers and clean them with water, and then dry them sufficiently, before replacing them.
- Regularly wipe the door gaskets with a wet soft towel.
- Door basket spills and stains should be cleaned as they can compromise storage ability of the basket and could even be damaged.
- Never clean the shelves or containers in the dishwasher. The parts may become deformed due to the heat.
- The automatic defrosting system in the appliance ensures that the compartment remains free of ice buildup under normal operating conditions. Users do not need to defrost it manually.

Cleaning the Condenser Cover

Use a vacuum cleaner with a brush to clean the condenser cover and vents. Do not remove the panel covering the condenser coil area.

We strongly recommend that this be done every 12 months to maintain operating efficiency. Failing to

do so could cause loss of cooling, higher energy usage and compressor overheating.



Water Filter

Before Replacing the Water Filter

⚠ WARNING

- To reduce the risk associated with choking, do not allow children under 3 years of age to have access to small parts during the installation of this product.
- To reduce the risk associated with the ingestion of contaminants, do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.
- Use of unauthorized water filters may result in product malfunction, water leakage or water quality issues, which will not be covered under the product warranty.

⚠ CAUTION

- Read and follow Use Instructions before installation and use of this system.
- Installation and use **MUST** comply with all state and local plumbing codes.
- Do not install if water pressure exceeds 120 psi (827 kPa). If your water pressure exceeds 80 psi, you must install a pressure limiting valve. Contact a plumber if uncertain how to check your water pressure.
- Do not install where water hammer conditions may occur. If water hammer conditions exist you

must install a water hammer arrester. Contact a plumbing professional if you are uncertain how to check for this condition.

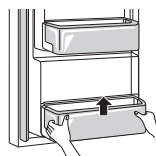
- Do not install on hot water supply lines. The maximum operating water temperature of this filter system is 100 °F (37.8 °C).
- Protect filter from freezing. Drain filter when temperatures drop below 40 °F (4.4 °C).
- The disposable filter cartridge **MUST** be replaced every 6 months, at the rated capacity or if a noticeable reduction in flow rate occurs.
- To protect it from freezing, remove filter cartridge when temperatures are expected to drop below 33 °F.
- Do not install systems in areas where ambient temperatures may go above 110 °F (43.3 °C).
- Where a backflow prevention device is installed on a water system, a device for controlling pressure due to thermal expansion must be installed.
- Ensure all tubing and fittings are secure and free from leaks.

Replacing the Water Filter

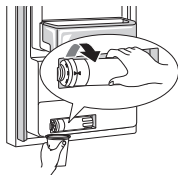
The filter must be changed every 6 months or when the water filter indicator on the control panel lights turns on or the water dispenser output decreases.

- To purchase a replacement water filter:
 - Use replacement cartridge: LT1000P, LT1000PC, LT1000PCS or ADQ747935**
 - Visit your local dealer or distributor or contact the LG Electronics Customer Information Centre. For further assistance, visit our website at lg.com

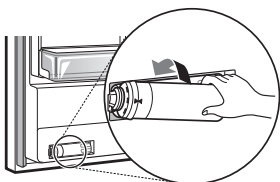
- 1 Remove the door basket.



- 2 Remove the disposable water filter.



- 3 Replace with a new water filter. Insert the new filter into the filter head and rotate it clockwise until the arrow on the new filter lines up with the arrow on the filter head. Swing the filter back into the compartment.



- 4 Refit the door basket.

- 5 Press and hold the **Water Filter** button for three seconds. The new water filter has been activated.

- 6 Dispense water for approximately 5 minutes to remove trapped air and contaminants from the system.

⚠ CAUTION

- Failure to replace filters when required or using non LG authorised water filters can cause the filter cartridge to leak and result in property damage.

Air Filter

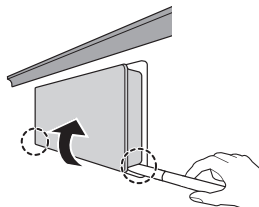
Replacing the Fresh Filter

- Replace the air filter:

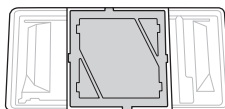
- Approximately every six months.
- When the **Fresh Filter** indicator lights up.

- 1 Remove the air filter cover.

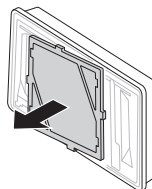
The cover can be easily separated by inserting a plastic rod into the groove on either side of the bottom of the compartment.



- 2 The filter is on the inside of the cover.



- 3 Remove the filter inside the filter cover and replace it with a new filter.



- 4 Insert the side tab of the new filter into the slot on the side of the central cover compartment.

- 5 Snap the other side of the filter down into place. It may help to press the side of the central compartment outward while pressing down on the filter. Make sure the side of the filter labeled **Back** is facing out.

- 6 Snap the cover of the filter back onto the filter compartment in the fridge.

- 7 To reset the filter replacement period, press the **Fresh Filter** button on the control panel for at least 3 seconds.

TROUBLESHOOTING

Before Calling for Service

Ice & Water

Symptoms	Possible Cause & Solution
The automatic icemaker does not produce ice or produces a small amount of ice.	Did you install the appliance recently? - The ice maker produces ice normally when approximately 48 hours have passed after the appliance is installed. - If the fridge compartment temperature is too cold, the water filter can freeze and block the water flow to the ice maker.
	Did you connect the water supply pipe to the appliance and open the supply valve? Connect the water supply pipe to the appliance and open the supply valve completely.
	Is the water supply hose bent? If the water supply hose is bent, the water flow could be compromised.
	Have you dispensed a large amount of ice recently? It takes approximately 24 hours to produce more ice in the automatic icemaker. Please wait.
	Did you set the ice maker switch or the automatic icemaker button on the control panel to ON? Press I on the automatic icemaker switch or set ON for the automatic icemaker button on the control panel. (For more details on how to use, visit LG Electronics website or use your smart device.)
	Is the temperature of the freezer compartment set too high? If the set temperature is too warm, ice will be produced slowly or not at all. Set the Freezer temperature to -18 °C for normal operation of the automatic icemaker.
	Have you been opening the appliance door frequently? If you open the appliance door frequently, cold air will escape, lowering the speed of ice production. Do not open and close the appliance door frequently.
	Is the appliance door completely closed? If the appliance door is not completely closed, the temperature of the freezer compartment will increase, slowing down the ice production speed. Close the appliance door completely.
Ice is not dispensed.	Unable to hear the sound of ice coming out? In the control panel, select the modes for cubed ice and crushed ice alternately to dispense the ice.

Symptoms	Possible Cause & Solution
Ice is not dispensed.	Is the ice path blocked? (You can check the ice passage by separating the ice bin.) Ice may not be dispensed properly if the ice passage is blocked. Check the ice and clean the ice path regularly.
Water does not come out.	The supply valve may be turned off. (For Plumbed models Only) - Open the water supply valve. - Check if the fridge compartment temperature is too cold, as the water filter can freeze and block the water flow to the dispenser.
	The water dispenser tank may be empty. (Non plumbed models only) Fill the water dispenser tank.
	Is the water supply valve closed? (For Plumbed models Only) Open the water supply valve.
	Are you using unfiltered water? Unfiltered water can contain a large amount of various heavy metals or foreign substances, so the filter may be clogged in the early stage regardless of the life of the filter.
Water tastes strange.	Is the taste of water different when comparing it with the taste of water from the previous water purifier? Has the purified water or cold water not been used for an extended period of time?
	Has it been a long time since you installed and replaced the filter? If an expired filter is used, the purification performance may decline. It is recommended to replace the filter according to the filter replacement period.
	Have you flushed out the filter properly in the initial stage after installing it? When you install or replace the filter for the first time, you need to remove air and activated carbon residue from inside the filter. Use the appliance after dispensing and discharging approximately 5 litres of purified water from the dispenser by pressing the water dispensing lever. (Activated carbon is harmless to humans.)
	Has the purified water or cold water not been used for an extended period of time? The taste of old water may change due to bacterial growth. Use the product after dispensing and discharging approximately 5 litres (approximately three minutes) from the water dispenser.

Cooling

Symptoms	Possible Cause & Solution
There is no refrigeration or freezing.	Is there a power interruption? Check the power of other appliances.
	Appliance is unplugged. Plug the power plug in the outlet properly.
	A fuse in your home may be blown or the circuit breaker tripped. Or the appliance is connected to a GFCI (Ground Fault Circuit Interrupter) outlet, and the outlet's circuit breaker has tripped. - Check the main electrical box and replace the fuse or reset the circuit breaker. Do not increase fuse capacity. If the problem is a circuit overload, have it corrected by a qualified electrician. - Reset the circuit breaker on the GFCI. If the problem persists, contact an electrician.
There is poor refrigeration or freezing.	Is the fridge or freezer temperature set to its warmest setting? Set the fridge or freezer temperature to a colder setting.
	Is the appliance in direct sunlight, or is it near a heat generating object such as cooking oven or heater? Check the installation area and reinstall it away from heat generating objects.
	Did you store hot food without cooling it first? Cool the hot food first before putting it in the fridge or freezer compartment.
	Did you put in too much food? Maintain an appropriate space between food.
	Are the appliance doors completely closed? Completely close the door and make sure that stored food is not obstructing in the door.
	Is there enough space around the appliance? Adjust the installation position to make enough space around the appliance.
The appliance contains a bad smell.	Is the fridge or freezer temperature set to 'Warm'? Set the fridge or freezer temperature to a colder setting.
	Did you put in food with a strong smell? Store foods with strong smells in sealed containers.
	Vegetables or fruit may have spoiled in the drawer. Throw away rotten vegetables and clean the vegetable drawer. Do not store vegetables too long in the vegetable drawer.

Condensation & Frost

Symptoms	Possible Cause & Solution
There is condensation inside the appliance or on the bottom of the vegetable drawer cover.	Did you store hot food without cooling it first? Cool the hot food first before putting it inside the fridge or freezer.
	Did you leave the appliance door open? Although the condensation will disappear soon after you close the appliance door, you can wipe it with a dry cloth.
	Do you open and close the appliance door too frequently? Condensation can form due to the temperature difference from the outside. Wipe out the dampness with a dry cloth.
	Did you put warm or moist food inside without sealing it in a container? Store food in a covered or sealed container.
Frost has formed in the freezer compartment.	Doors may not be closed properly. Check if the food item inside the appliance is blocking the door and make sure that the door is tightly closed.
	Did you store hot food without cooling it first? Cool the hot food first before putting it in the fridge or freezer compartment.
	Is the air entry or exit of the freezer compartment blocked? Make sure that air entry or exit is not blocked so that the air can circulate inside.
	Is the freezer compartment overfilled? Maintain an appropriate space between items.
Frost or condensation has formed inside or outside the appliance.	Did you open and close the appliance door frequently or is the appliance door improperly closed? Frosts or condensation can form if the outside air penetrates inside the appliance.
	Is the installation environment humid? Condensation can appear on the exterior of the appliance if the installation area is too humid or on a humid day such as a rainy day. Wipe off any moisture with a dry cloth.
The side or front of the appliance is warm.	There are anti condensation pipes fitted to these areas of the appliance to reduce condensation forming from around the door area. The heat releasing pipe to prevent condensation is installed on the front and side of the appliance. You may feel it particularly hot right after the appliance is installed or during the summer. You can be assured that this is not a problem and is quite normal.

Symptoms	Possible Cause & Solution
There is water inside or outside of the appliance.	Is there water leakage around the appliance? Check if the water has leaked from a sink or another place.
	Is there water on the bottom of the appliance? Check if the water is from the thawed frozen food or a broken or dropped container.

Parts & Features

Symptoms	Possible Cause & Solution
The appliance door is not closed tightly.	Is the appliance leaning forward? Adjust the front feet to raise the front side slightly.
	Were the shelves properly assembled? Refit the shelves if needed.
	Did you close the door with excessive force? If you apply too much force or speed when closing the door, it may remain briefly open before closing. Make sure that you do not slam the door closed. Close the door gently.
It is difficult to open the appliance door.	Did you open the door right after you closed it? If you try to open the appliance door within one minute after you closed it, you may have difficulties because of the pressure inside the appliance. Try to open the appliance door again in a few minutes so that the internal pressure stabilizes.
Door mullion does not fold in and out properly.	Are front levelling legs extended, the appliance level, and doors aligned? Once the door baskets are filled, the doors may become misaligned, preventing the door mullion or the Auto Open Door function from working properly. Extend both front levelling legs fully so they are in firm contact with the floor. Follow the instruction in the Door Alignment section to raise the left fridge door until the door mullion is once again working properly. Adjust the right fridge door so it aligns with the left fridge door.
The inside lamp in the appliance does not turn on.	Lamp failure Close the door and re-open. If the lamp does not turn on, please contact the LG Electronics customer information centre. Do not attempt removal of the lamp.

Noises

Symptoms	Possible Cause & Solution
The appliance is noisy and generates abnormal sounds.	Is the appliance installed on a weak floor or improperly levelled? • Install the appliance on a solid and flat area.
	Does the rear of the appliance touch the wall? • Adjust the installation position to allow enough clearance around the appliance.
	Are objects scattered behind the appliance? • Remove the scattered objects from behind the appliance.
	Is there an object on top of the appliance? • Remove the object on top of the appliance.
Clicking noises	The defrost control will click when the automatic defrost cycle begins and ends. The thermostat control (or appliance control on some models) will also click when cycling on and off. • Normal Operation
Rattling noises	Rattling noises may come from the flow of appliance, the water line on the back of the unit (for plumbed models only), or items stored around the appliance. • Normal Operation
	Appliance is not resting evenly on the floor. • Floor is weak or uneven or levelling legs need to be adjusted. See the Door Alignment section.
	Appliance with a compressor was moved while operating. • Normal operation. If the compressor does not stop rattling after three minutes, turn the power to the appliance off and then on again.
Whooshing noises	Evaporator fan motor is circulating air through the fridge and freezer compartments. • Normal Operation
	Air is being forced over the condenser by the condenser fan. • Normal Operation
Gurgling noises	Appliance flowing through the cooling system. • Normal Operation
Popping noises	Contraction and expansion of the inside walls due to changes in temperature. • Normal Operation

Symptoms	Possible Cause & Solution
Vibrating	If the side or back of the appliance is touching a cabinet or wall, some of the normal vibrations may make an audible sound. To eliminate the noise, make sure that the sides and back do not make any contact with any wall or cabinet.

Wi-Fi

Symptoms	Possible Cause & Solution
Your home appliance and smartphone are not connected to the Wi-Fi network.	The password for the Wi-Fi that you are trying to connect to is incorrect. Find the Wi-Fi network connected to your smartphone and remove it, then register your appliance on LG ThinQ.
	Mobile data for your smartphone is turned on. Turn off the Mobile data of your smartphone and register the appliance using the Wi-Fi network.
	The wireless network name (SSID) is set incorrectly. The wireless network name (SSID) should be a combination of English letters and numbers. (Do not use special characters.)
	The router frequency is not 2.4 GHz. Only a 2.4 GHz router frequency is supported. Set the wireless router to 2.4 GHz and connect the appliance to the wireless router. To check the router frequency, check with your Internet service provider or the router manufacturer.
	The distance between the appliance and the router is too far. If the distance between the appliance and the router is too far, the signal may be weak and the connection may not be configured correctly. Move the location of the router so that it is closer to the appliance.

Memo

Memo

Memo

LG SIGNATURE