LG SIGNATURE

OWNER'S MANUAL

FRIDGE& FREEZER

Read this owner's manual thoroughly before operating the appliance and keep it handy for reference at all times.

EN ENGLISH **AR** العربية

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

This manual is subject to revision by the manufacturer.

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SAFETY INSTRUCTIONS

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.

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.

IMPORTANT SAFETY INSTRUCTIONS

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:

Children in the Household

- 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 appliance is equipped with a lock (some countries only), keep the key out of reach of children.

Installation

- This appliance should only be transported by two or more people holding the appliance securely.
- Ensure that the socket outlet 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 socket outlet that is installed and grounded in accordance with all local codes and ordinances.
- If the power cord is damaged or the hole of the socket outlet is loose, do not use the power cord and contact an authorized service centre.
- Do not plug the appliance into a multi socket adapter which does not have a power cable(mounted).
- Do not modify or extend the power cable.

- Avoid using any extension cords or double adaptor. The appliance should be connected to a dedicated power line which is separately fused.
- Do not use a multi socket outlet which is not properly grounded(portable). In case of using a properly-grounded multi socket outlet (portable), use the multi socket outlet with the current capacity of the power code rating or higher and use the multi socket outlet only for the appliance. Failure to do so may result in electric shock or fire due to the heat of multi socket outlet. The power may be shut off when the circuit breaker is operated.
- Install the appliance in a place where is easy to unplug the power plug of the appliance.
- Be careful not to point the power plug up or let the appliance lean against the power plug.
- 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, or 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.
- 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.
- Do not connect a plug adapter or other accessories to the power plug.

Operation

- Do not use the appliance for any purpose (storage of medical or experimental materials or shipping) other than any domestic household food storage use.
- In case of flood, disconnect the power plug and contact the LG Electronics customer information centre.
- Unplug the power plug during a severe thunderstorm or lightening 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.
- If water penetrates electrical parts of the appliance, disconnect power plug and contact an LG Electronics customer information centre.
- Do not place hands or metallic objects inside the area emitting the cold air, cover or heat releasing grille on the back.
- Do not apply excessive force or impact to the back cover of the appliance.
- Do not put animals, such as pets into 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 place heavy or fragile objects, containers filled with liquid, combustible substances, flammable objects(such candles, lamps, etc.), or heating devices(such as stoves, heaters, etc.) on 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.
- 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.
- Fill with potable water only into icemaker or dispenser water tank.

Maintenance

- Disconnect the power cord before cleaning the appliance or replacing the inside lamp (where fitted).
- Securely plug the power plug in the socket outlet 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 socket outlet.
- 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 use mechanical devices or other means to accelerate the defrosting process.

Disposal

- When discarding the appliance, remove the door gasket while leaving the shelves and baskets in place and keep children away from the appliance.
- Dispose of all packaging materials (such as plastic bags and styrofoam) away from children. The packaging materials can cause suffocation.

Technical Safety

- 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.
- 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.
- Never start up an appliance showing any signs of damage. If in doubt, consult your dealer.
- 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.

Risk of Fire and Flammable Materials

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.
- 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.
- 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.

⚠ 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

- 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.

Operation

- 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 wet hands, as this may result in injury.
- Do not place heavy objects on top of the door in door.
- Do not use the door in door as a chopping board and ensure it is not scratched by a sharp tool, as this may cause appliance damage.
- Do not hang from the appliance door, storage room, shelf or fridge door in door or climb up into it.
- Do not store an excessive amount of water bottles or containers for side dishes on the door baskets. The basket may break or your hand may bump into the surrounding structure, causing injury.

- Keep food organized inside the appliance.
- Prevent animals from nibbling on the power cable or water hose.
- 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.
- Do not damage the refrigerant circuit.
- Do not place any electronic appliance (such as heater and mobile phone) inside the appliance.
- Do not clean glass shelves or covers with warm water when they are cold. They may break if exposed to sudden temperature changes.
- Never eat frozen foods immediately after they have been taken out in the freezer compartment.
- Do not insert your hands into the mechanical part of the automatic icemaker such as the ice bin or the ice dispenser.
- Do not use a thin crystal cup or chinaware when dispensing.
- Do not remove the cover of the automatic icemaker. Touching any mechanical part of the automatic icemaker. It may result in injury.
- Make sure not to get a hand or foot stuck upon opening or closing the appliance door.
- 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.

Maintenance

- Do not insert the shelves upside down. The shelves may fall, causing injury.
- 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.
- Connect the water supply line (for plumbed models only) to a potable water source only. Otherwise, impurities in the water may cause illness.

Notes for Movement and Transport

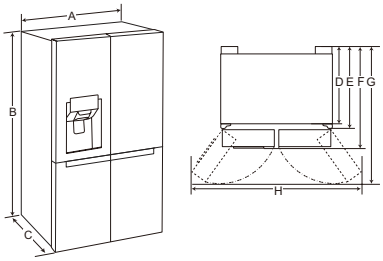
- Remove all food from inside the appliance. Then, transport the appliance only after fixing fragile parts such as shelves and the door handle with tape. Failure to do so may cause appliance damage.
- Pull the power plug out, insert and fix it into the power plug hook at the rear or on top of the appliance. Failure to do so may cause damage to the power plug or floor scratch.
- When transporting the appliance, more than two people should transport the appliance carefully. Dropping the appliance, which is extremely heavy, may cause personal injury or appliance failure.
- When transporting the appliance over a long distance, keep the appliance upright. The appliance may fall over, causing malfunctions. Never transport the appliance laying down as it can cause a refrigerant circulation malfunction when it is turned back on again.

Notes for Installation

- Install the appliance on a solid and flat area.
  - If the appliance is installed on an uneven floor, it can cause vibration and noise causing the appliance to fall resulting in injury. It could also cause the doors not to close correctly and introduce moisture inside the unit during operation.
  - If the appliance front or rear is not level, adjust the front feet so that it can be corrected. Severe cases may need the floor to be packed out with strips of thin timber.
- Avoid placing the unit near heat sources, direct sunlight or moisture.
- Connect the power supply cord (or plug) to the outlet. Don’t double up with other appliances on the same outlet.
- After connecting the power supply cord (or plug) to the outlet, Wait two or three hours before you put food into the appliance. If you add food before the appliance has cooled completely, your food may spoil.
- After installing the appliance, connect the power plug into a socket outlet. Before moving and discarding the appliance, disconnect the plug from the socket outlet.

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 from each adjacent wall when installing the appliance.



-	Size (mm)
A	912
B	1784
C	929
D	811
E	879
F	929
G	1296
H	1700

Ambient Temperature

- The appliance is designed to operate within a limited range of ambient temperatures, depending on the climate zone. Do not use the appliance at a temperature exceeding the limit.
- The internal temperature 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.

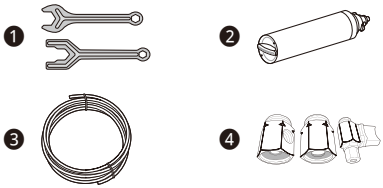
Climate Class	Ambient Temperature Range ºC
SN (Extended Temperate)	+10 - +32
N (Temperate)	+16 - +32
ST (Subtropical)	+16 - +38
T (Tropical)	+16 - +43 / +10 - +43*

*Australia, India, Kenya

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

Accessories

*1:This feature is only available on some models.



1. Spanner A*1
2. Water Filter
3. Water Tube
4. Tube Connector*1

Removing the Door

When it is necessary to move the appliance through a narrow opening, removing the doors is the recommended procedure.

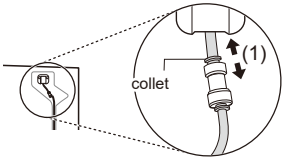
WARNING

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

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

[The Left Fridge Door]

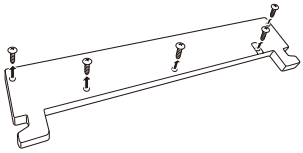
1 The water supply is connected to the upper right part of the rear surface of the refrigerator. Remove the ring in the joint area. Hold the water supply connection and gently push the collet to detach the water supply line as shown in (1).



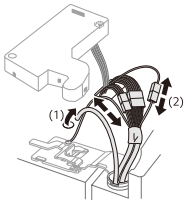
NOTE

- Detaching the water supply is only necessary when detaching the left refrigerator door.

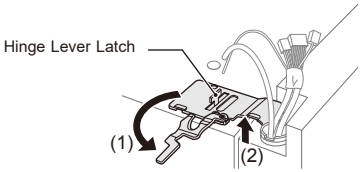
2 Remove the screws from the hinge cover at the top of the refrigerator. Lift the hook (not visible), located on the side of the cover at the bottom edge, with a flat-head screwdriver.



3 Remove the cover and pull out the tube (1). Disconnect all wire harnesses (2).



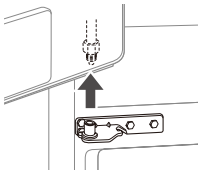
4 Rotate the hinge lever counterclockwise (1). Lift the top hinge (2) free of the hinge lever latch.



CAUTION

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

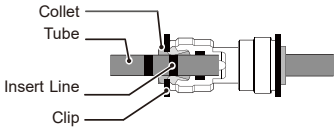
5 Remove the hinge lever by tapping the end of it toward the outside edge of the cabinet.



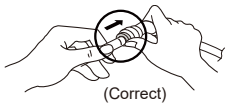
CAUTION

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

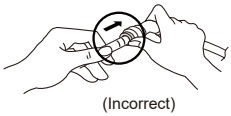
NOTE



- Gently insert the tube until only one of the tube's lines is visible.



(Correct)

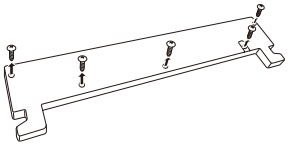


(Incorrect)

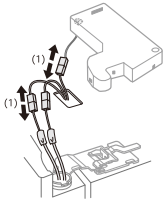
- Pull on the tube to make sure that it is tightly fastened.

[The Right Fridge Door]

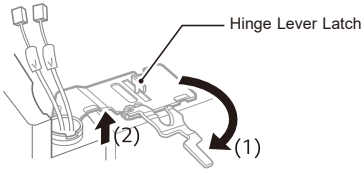
1 Remove the screws from the hinge cover at the top of the refrigerator. Lift the hook (not visible), located on the side of the cover at the bottom edge, with a flat-head screwdriver.



2 Detach the wire harness (1).



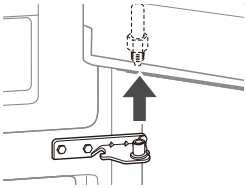
3 Rotate the hinge lever (1) clockwise. Lift the top hinge (2) free of the hinge lever latch.



⚠ CAUTION

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

4 Lift the door from the middle hinge pin and remove the door.

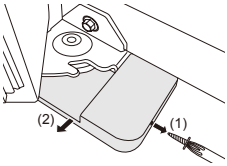


⚠ CAUTION

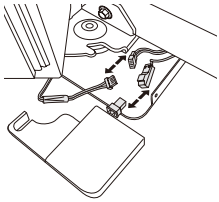
- Place the door on a non-scratching surface with the inner side facing up.

[The Freezer Doors]

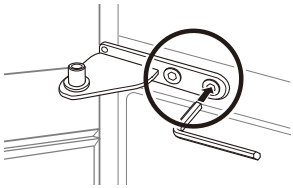
1 Unscrew the screw that attaches the lower hinge cover and remove the cover.



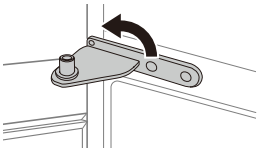
2 Disconnect all wire harnesses.



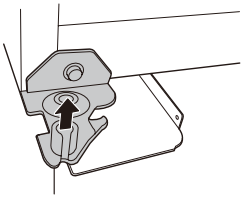
3 Remove the two hinge bolts.



4 Twist the hinge to raise the pivoting end so that the door can be lifted off. Lift the door off the lower hinge pin and remove it.



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



Lower Hinge

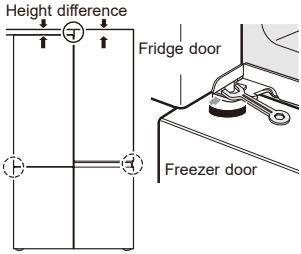
Refitting the Door

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

Adjusting the Height of the Door

[Fridge Door Height]

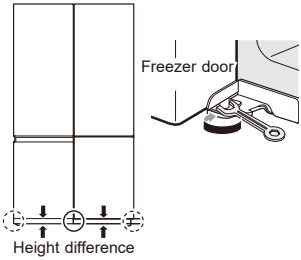
Open the fridge door and use the spanner type 1 to rotate the door hinge bolt as shown below.



[Freezer Door Height]

[Method1]

Open the freezer door and use the spanner type1 to rotate the door hinge bolt as shown.

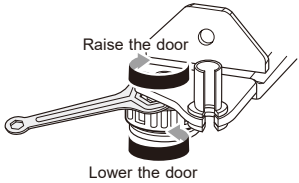


CAUTION

- When tilting the appliance backward to loosen the screen at the bottom of the appliance, two or more people should hold the handles at the bottom and rear top side of the appliance.

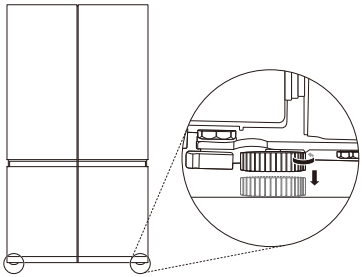
[Method2]

With the refrigerator door open, fit the spanner type2 in the nut of the height adjustment screw, and turn until it is level.



NOTE

- Support the bottom of the appliance once the height adjustment screws on both sides of the bottom have been completely loosened. This way you can prevent the door from slanting downward due to the weight of stored food items.



Door Mullion and Auto Open Door

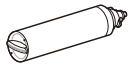
Once the door baskets are filled, the doors may become misaligned, preventing the door mullion or the Auto Open Door function from working properly.

If the mullion on the left refrigerator door does not open and close properly or the right door stays ajar after the Auto Open Door function, follow the directions below.

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

Connecting the Water Line (For Plumbed models Only)

Accessories



Water Filter

Water Tube

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.
- 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.

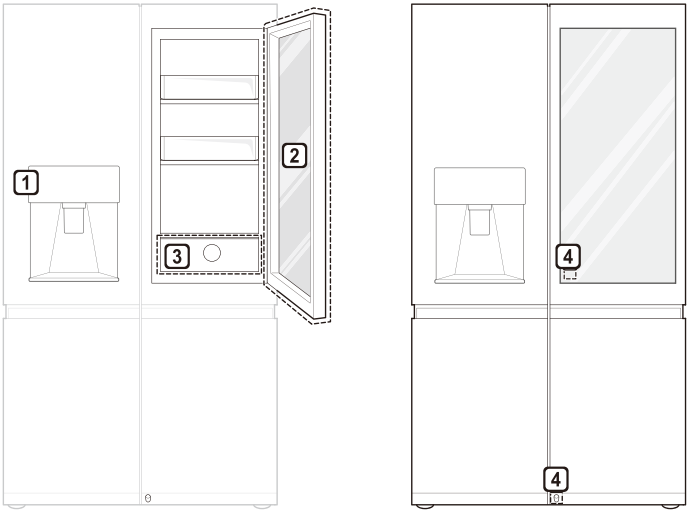
Connecting to the Appliance

1. Remove the cap from the tube connector on the back side of the refrigerator.
2. Connect the installation tube to the connector.

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. That resets the Replacement Filter icon. 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.

Parts and Functions



1 Dispenser Control Panel

Displays the ice maker and dispenser modes the water filter status.

2 InstaView Door in Door™

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

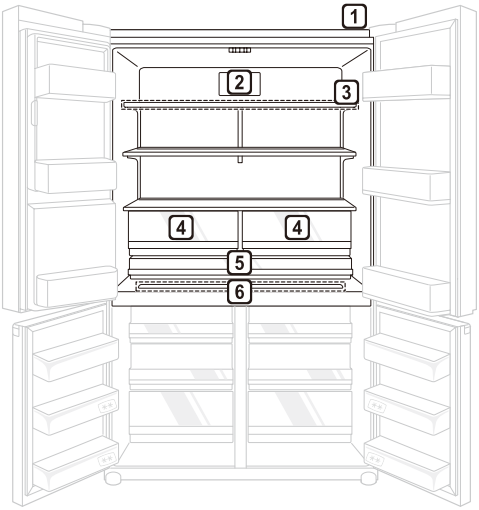
3 Control Panel

To set the freezer and fridge temperatures.

4 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.

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



1 Smart Diagnosis Unit

Use this function when contacting LG Electronics customer information centre to help make an accurate diagnosis when the appliance operates abnormally or a failure occurs.

2 Hygiene Fresh+ Filter

This function minimizes bacteria and odor inside the appliance.

3 Adjustable Fridge Shelf

Shelves are adjustable to meet individual storage needs.

4 Vegetable Drawer

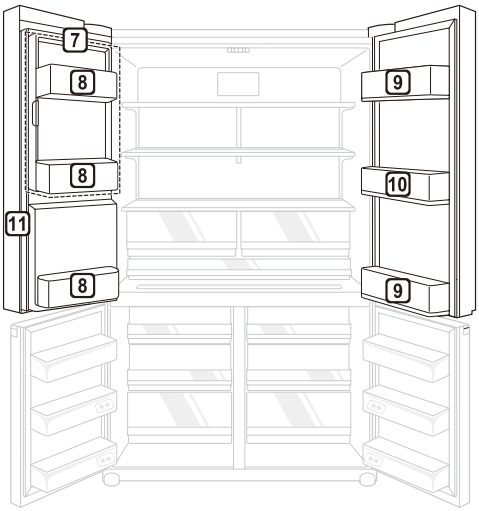
This is where fruits and vegetables are stored to remain fresh for as long as possible.

5 Custom Chill Pantry

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

6 Hidden Bar Tray

Store small item fresher than shelf area or defrost frozen items.



7 Automatic Icemaker

This is where ice is automatically produced and stored.

8 Fridge Door Basket

This is where small packages of refrigerated foods, drinks and sauce containers are stored.

9 InstaView Door in Door™ Basket

This is where foods which are taken out frequently such as beverages and snacks are stored.

10 Adjustable Moving Basket

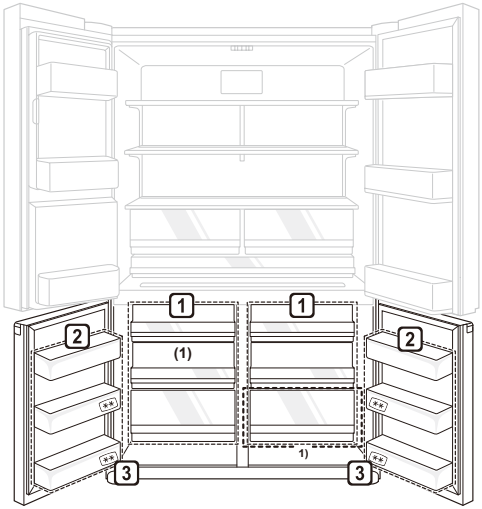
Easily move Adjustable Moving Basket up and down as necessary.

11 Door Mullion

This prevents cold air from leaking from the appliance.

⚠ CAUTION

- To reduce the risk of scratching the door or breaking the center door mullion, make sure that the refrigerator door mullion is always folded in.



1 Auto Open Drawer

This is for long-term storage of frozen items.

Drawer 1)

- Preserve frozen food to keep longer.

2 Freezer Door Basket

This is where small packages of frozen food can be stored.

- Do not store ice cream or food which will be stored for a long period of time within these baskets.

3 Auto Open Drawer Sensor

The freezer drawers automatically open when the freezer door is opened by at least 85 degrees.

NOTE

- The 2-star section (**) basket or drawer can be used to store ice and food from -12 °C to -18 °C for short periods.
- The top shelf of the freezer(1) will reach the set temperature the most quickly.

Notes for Operation

- Do not use the ice water dispenser tank for beverages other than drinking water.
- Users should keep in mind that frost can form. If the door is not closed completely, if the humidity is high during the summer, or if the freezer door is opened frequently.
- Ensure there is sufficient space between food stored on the shelf or door basket to allow the door to close completely.
- Opening the door lets warm air enter the appliance, and may cause the internal temperature to rise.
- Do not open or close the appliance door excessively.
- The LED lamp is only intended for use in domestic appliances and is not suitable for household room illumination.
- If you are leaving the appliance turned off for an extended period of time, remove all food and unplug the power cord. Clean the interior, and leave the doors slightly ajar to prevent mold from growing in the appliance.

Suggestion for Energy Saving

- 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 appliance.
- Do not set the temperature of the appliance lower than needed. For ice making in normal climates, the freezer temperatures should be set to -18 °C or colder.
- Do not put food near the temperature sensor of the fridge compartment. Keep a distance of at least 3 cm from the sensor.
- Please note that a temperature rise after defrosting has a permissible range in the appliance specifications. If you wish to minimise the impact this may have on the food storage due to a temperature rise, seal or wrap the stored food in several layers.
- The automatic defrosting system in the appliance ensures that the compartment remains free of ice buildup under normal operating conditions.

Storing Foods Effectively

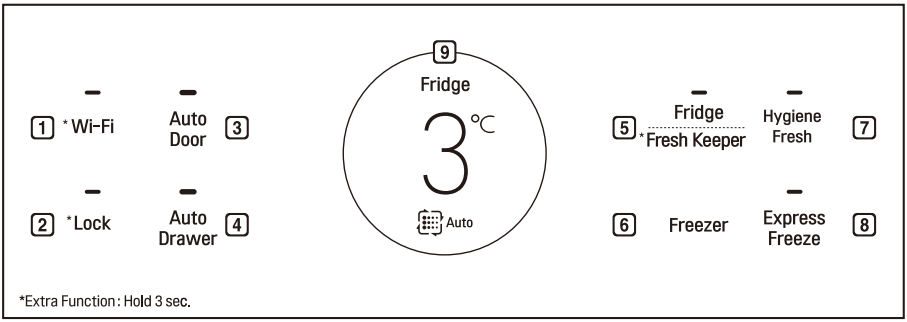
- Store frozen food or refrigerated food inside sealed containers.
- Check the expiration date and label (storage instructions) before storing food in the appliance.
- Do not store food for a long period of time (more than four weeks) if it spoils easily at a low temperature.
- Place the refrigerated food or frozen food in each fridge or freezer compartment immediately after purchasing.
- 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 wrap and store vegetables with newspaper. Printing material of newspaper or other foreign substances may smear and contaminate food.
- Do not overfill the appliance. Fill less than 70 % of the space. 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.
- Always keep the appliance clean.
- 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.

Max Freezing Capacity

- The Express Freeze function will allow the freezer to its maximum freezing capacity. This generally takes up to seven hours, however, it will automatically turn off after a given time and can also be turned off manually at any given time.
- To get better air circulation, insert all inner parts like baskets, drawers, and shelves.

Using Control Panel

Units and Functions



1 * Wi-Fi
- This sets the appliance to connect to your home's Wi-Fi network.

2 * Lock
- This locks the buttons on the control panel.

3 Auto Door
- This sets the Auto Door function.

4 Auto Drawer
- This sets the Auto Drawer function.

5 Fridge Temperature
- This sets the target temperature of the fridge.
- Hold the **Fridge Temperature** button for 3 seconds or more to configure the Fresh Keeper option.

6 Freezer Temperature
- This sets the freezer target temperature.

7 Hygiene Fresh
- This sets the Hygiene Fresh function.

This function minimizes bacteria and odor inside the appliance.

8 Express Freeze
- This sets Express Freeze functions.

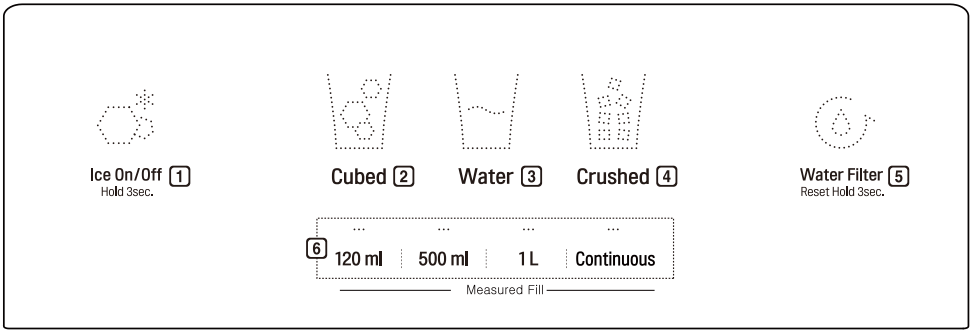
9 Display Unit

You can check the appliance's settings.
- This image is the start-up screen.
- Press buttons 1 ~ 8 to display the setting for each function.

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

Using Water Dispenser

Units and Functions



1 Ice On/Off

- Turn ON/OFF the automatic icemaker function.

2 Cubed

- Press this button for cubed ice.

3 Water

- Press this button for water.

4 Crushed

- Press this button for crushed ice.

5 Water Filter

- After changing the filter, push and hold the **Water Filter** button for three seconds to reset the filter.

6 Measured Fill

- The measured fill function dispenses a predetermined amount of water.

Notes for Using the Control Panel

- The control panel will turn on in any of the following cases.
  - When the power is turned on
  - When a button is pressed
  - When the appliance door (fridge compartment, freezer compartment, door in door) is opened
- The control panel will turn off automatically for energy saving in any of the following cases.
  - When one minute has passed after turning on the power
  - When no button operation is carried out for 20 seconds after a desired button is pressed
  - When 20 seconds has passed after the appliance door (fridge compartment, freezer compartment, door in door) is opened and closed
- If there is any finger or skin contact to the control panel while cleaning it, the button function may operate.

Setting the Temperature

This sets the fridge temperature or freezer temperature.

- Press the **Fridge** button or **Freezer** button to adjust the temperature.
- The initial temperature is set.
  - Fridge : 3 °C
  - Freezer : -18 °C
- The temperature can be adjusted.
  - Fridge : from 0 °C to 7 °C
  - Freezer : from -24 °C to -16 °C
- The actual inner temperature varies depending on the food status, as the indicated setting temperature is a target temperature, not actual temperature within the appliance.

NOTE

- The default temperature setting may vary depending on the appliance.
- Wait until two or three hours have passed after connecting the appliance to the outlet before storing food in the appliance.
- The appliance can automatically detect problems during the operation.
- If a problem is detected, the appliance may not operate and an error code is displayed even when any button is pressed.
- When this occurs, do not turn off the power and immediately contact the LG Electronics customer information centre. If you turn off the power, the repair technician from the LG Electronics customer information centre may have difficulty finding the problem.

Setting the Fresh Keeper

You can minimize the spoiling of food from temperature changes by maintaining the refrigerator's temperature at 2 °C.

Press the **Fridge Temperature** button for 3 seconds and the Fresh Keeper will icon appear in the control panel. Then the Fresh Keeper can be configured.

- To turn off the Fresh Keeper, press the **Fridge Temperature** button once while the fridge temperature is displayed on the control panel or hold the **Fridge Temperature** button for 3 seconds when the fridge temperature is not displayed.

Setting Hygiene Fresh

Bacteria and odor inside the appliance can be minimized with the Hygiene Fresh function. However, the function is only effective for bacteria floating in the appliance, not bacteria adsorbed onto food.

- Each time you press the **Hygiene Fresh** button, the Hygiene Fresh function mode will change to **Auto** → **Off** → **Auto** alternatively.

Setting Express Freeze

The function can quickly freeze a large amount of ice or frozen foods.

- When you press the **Express Freeze** button, the **Express Freeze** icon lights on the control panel.
- The function is enabled and disabled in turn each time you press the button.
- The Express Freeze function automatically terminates after a specific period has passed.

Setting and Resetting Lock

This locks the buttons on the control panel.

- When you press the **Lock** button for 3 seconds, the **Lock/Unlock** icon on the control panel lights. The function is enabled and disabled in turn each time you press the button.
- If you press a button other than lock when the lock is set, the button will not function.
- When you press a button other than lock when the lock is set, the **Lock/Unlock** icon on the control panel will flash 3 times.
- To change a setting, first press the **Lock** button for three seconds to disable the function.

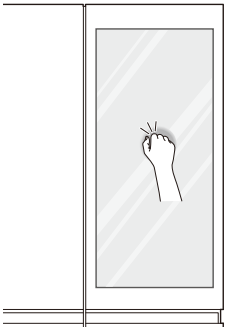
Setting Wi-Fi

The **Wi-Fi** button, when used with the LG ThinQ application, allows the refrigerator to connect to a home Wi-Fi network.

- The **Wi-Fi** icon shows the status of the refrigerator's network connection. The icon illuminates when the refrigerator is connected to the Wi-Fi network.
- Press and hold the **Wi-Fi** button for 3 seconds to connect to the network. The icon blinks while the connection is being made, then turns on once the connection is successfully made.

InstaView Function

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

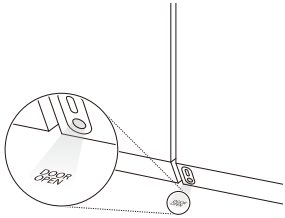
- The InstaView Door-in-Door function is disabled for 2 seconds after closing the left or right freezer door, and momentarily disabled whilst the ice dispenser is in use.
- Knock near the center of the glass. Knocking near the edges of the glass may not activate the InstaView Door-in-Door function.
- 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.

Auto Open Door Function

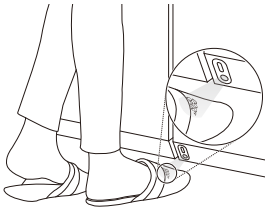
The right refrigerator door opens automatically if you place a foot near the motion sensor at the bottom of the door. This is convenient when you have both hands full of groceries and need to open the refrigerator door. To set the Auto Open Door function, press the button repeatedly to toggle between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

Using the Auto Open Door Function

1 When the Auto Open 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 door opens. If the door opens less than 20 degrees and is not opened further, it will close automatically after 3 seconds.



NOTE

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

CAUTION

- Disable the Auto Open Door function if you have young children or individuals lacking in cognitive ability in the home. They could be injured if the door opens unexpectedly while they are nearby.

NOTE

- The displayed text may not be readable on some flooring materials, but this will not affect the performance of the Auto Open Door function.
- If flooring material is highly reflective (metal, glass tile), the motion sensor may malfunction and the Auto Open Door 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 when a person is standing in front of the product, the automatic door open function may be activated.

Auto Open Drawer Function

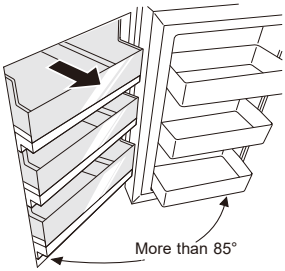
When Auto Open Drawer is enabled, the freezer drawers automatically open when the freezer door is opened. The drawers automatically close when the freezer door is closed.

Setting Auto Open Drawer Function

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

Using Auto Open Drawer Function

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



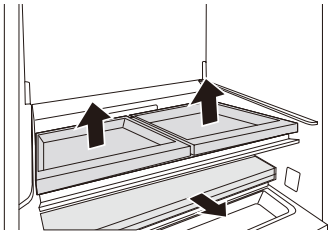
CAUTION

- 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 these warnings may result in personal injury or damage to the product.

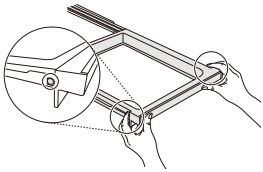
Suggestion for More Usable Space

Using Without Drawer Support

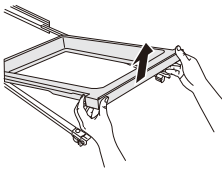
To make more spacious refrigerator compartment, remove drawer supports and shelves.



1 Press the levers on either side of the drawer support.



2 Keeping both levers pressed, lift the drawer support slightly and remove it from the rail system.

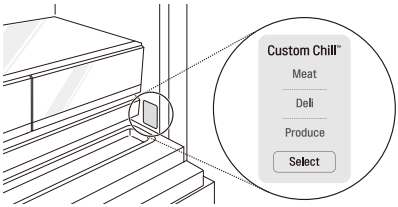


CustomChill Pantry

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

Setting the CustomChill Pantry

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



The temperature setting becomes progressively colder from Produce → Deli → Meat.

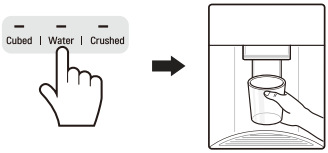
⚠ CAUTION

- Vegetables or fruit may freeze if placed in the CustomChill™ pantry when it is set to Meat or Deli.

Water and Ice Dispenser

You can dispense cubed ice, water and crushed ice by pressing the respective button for the desired mode.

- When you press the Cubed, Water or Crushed button on the control panel, the lamp on the control panel will turn on and the desired mode will be set. At this time, when you press the dispenser lever, the selected function (cubed ice, water and crushed ice) will be dispensed.
- The function is enabled and disabled in turn each time you press the button on the control panel.



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.

NOTE

- If you open the freezer door while water is being dispensed, the water supply will stop and the control panel will return to the initial screen.
- 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 for the previously set mode 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, it may also lump together.

Automatic Icemaker

The automatic icemaker can automatically make 7 cubes at a time, 50-60 pieces within a 24hr period if conditions are favorable. 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.).

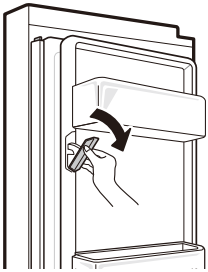
- If the ice bin is completely filled with ice, ice production will stop.
- Sound of ice dropping into the ice bin is normal.
- The icemaker produces ice normally when approximately 48 hours have passed after the appliance is initially installed.
- Discard ice produced for the first time without using it.
- While the automatic icemaker is operating, do not touch it with your hands directly.
- 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, clean the ice bin before using it.

Turning the Automatic Icemaker On or Off

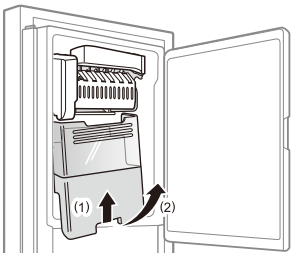
To turn the automatic icemaker On/Off, press and hold the **Ice On/Off** button on the control panel for 3 seconds.

Detaching the In-Door Ice Bin

1 Gently pull the handle to open the ice compartment.



2 To remove the in-door ice bin, grip the front handle, slightly lift the lower part, and slowly pull out the bin as shown.



WARNING

- Do not touch the automatic icemaker's mechanical parts with your hand or a tool. Otherwise, appliance damage or injury may occur.
- Caution should be taken, as the automatic icemaker operates continuously after the freezer door is opened when the automatic icemaker switch is set to the on position.
- Do not disassemble, repair or alter the automatic icemaker. These tasks should only be done by a service technician.

CAUTION

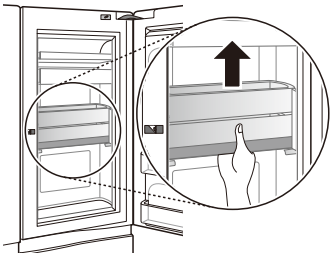
- Throw away the first few batches of ice (about 20 cubes and 7 cups of water). This is also necessary if the appliance has not been used for a long time.
- The first ice and water dispensed may include particles or odor from the water supply line or the water tank.
- Keep children away from the dispenser. Children may play with or damage the controls.
- The ice passage may become blocked with frost if only crushed ice is used. Remove the frost that accumulates by removing the ice bin and clearing the passage with a rubber spatula. Dispensing cubed ice periodically can also help prevent frost buildup.
- 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.
- Dispense ice into a glass before filling it with water or other beverages. Splashing may occur if ice is dispensed into a glass that already contains liquid.
- Do not touch the ice outlet or the automatic icemaker with your hand or a tool. Otherwise, appliance damage or injury may occur.
- When refitting the ice bin, ensure that it is placed correctly. If it is tilted or unlevel, it may not continue to make ice due to sensor disruption.
- 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 in the freezer compartment if you go on vacation or if an extended power outage occurs. Water from melting ice may drop from the dispenser onto the floor.

Adjustable Moving Basket

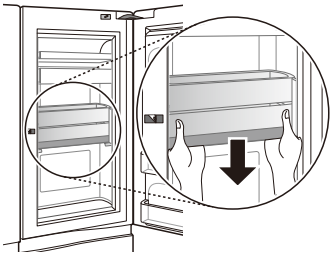
Easily Adjustable Moving Basket up and down as necessary.

- Remove all items from the Adjustable Moving Basket before moving it up or down.
- Adjusting the Adjusting Moving Basket allows taller food items to be stored more conveniently.

1 To raise the Adjustable Moving Basket, hold the bottom of the basket in the center and push the basket up until it clicks into place.



2 To lower the Adjustable Moving Basket, press up to release the levers at the bottom of the basket and lower the basket until it clicks into place.

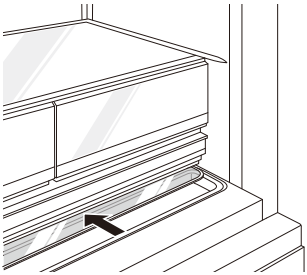


CAUTION

- To avoid personal injury or damage to the basket or its contents, empty the Adjustable Moving Basket bin before moving it up or down.

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.



CAUTION

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

NOTE

- To open the cover, push the handle toward the rear of the bin to release the catch.
- To close the cover, slide the cover over the bin until the catch clicks into place.

Other Functions

Door Open Alarm

The alarm sounds 3 times in 30 second intervals if the door (fridge compartment, freezer compartment, door in door) is left open or not completely closed for one minute.

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

Failure Detection

The appliance can automatically detect problems during the operation.

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

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 smart phone 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.

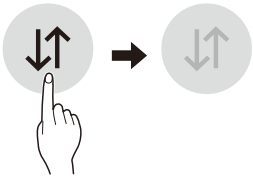
NOTE

- 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.

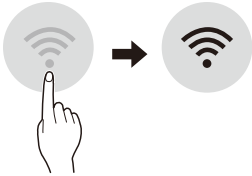
Before Using LG ThinQ

1 Check the distance between the appliance and the wireless router (Wi-Fi network).
   - 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 register or installation may fail.

2 Turn off the **Mobile data** or **Cellular Data** on your smartphone.



3 Connect your smartphone to the wireless router.



NOTE

- To verify the Wi-Fi connection, check that **Wi-Fi** icon on the control panel is lit.
- 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.
- 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 Wi-Fi connection may not connect or may be interrupted because of the home network environment.
- The network connection may not work properly depending on the Internet service provider.
- The surrounding wireless environment can make the wireless network service run slowly.
- The appliance cannot be registered 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 register the product again.

Installing LG ThinQ

Search for the **LG ThinQ** application from the Google Play Store or Apple App Store on a smart phone. Follow instructions to download and install the application.

Connecting to Wi-Fi

The **Wi-Fi** button, when used with the **LG ThinQ** application, allows the appliance to connect to a home **Wi-Fi** network. The **Wi-Fi** icon shows the status of the appliance's network connection. The icon illuminates when the appliance is connected to the **Wi-Fi** network.

Initial Appliance Registration

Run the **LG ThinQ** application and follow the instructions in the application to register the appliance.

Re-registering the Appliance or Registering 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 register the appliance.

NOTE

- To disable the Wi-Fi function, press and hold the **Wi-Fi** button for 3 seconds. **Wi-Fi** icon will be turned off.

Open Source Software Notice Information

To obtain the source code under GPL, LGPL, MPL, and other open source licenses, that is contained in this product, please visit http://opensource.lge.com.

In addition to the source code, all referred license terms, warranty disclaimers and copyright notices are available for download.

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

Smart Diagnosis

This feature is only available on models with the or logo.

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.

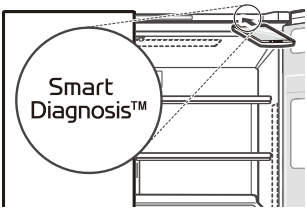
Using Audible Diagnosis to Diagnose Issues

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.



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.

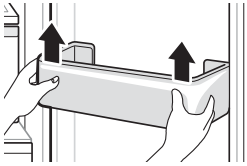
Notes for Cleaning

- 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.
- If cleaning the outside air vents of the appliance by means of vacuuming, then the power cord should be unplugged from the outlet to avoid any static discharge that can damage the electronics or cause an electric shock.
- 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.
- After cleaning, check if the power cable is damaged, warm or improperly plugged.
- Keep the air vents on the exterior of the appliance clean.
  - Blocked air vents can cause fire or appliance damage.
- 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 discoloration or damage to the appliance.
  - Flammable substances: alcohol (ethanol, methanol, isopropyl alcohol, isobutyl alcohol, etc.), thinner, bleach, benzene, flammable liquid, abrasive, etc.
- 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 cloth.
- Never clean the shelves or containers in the dishwasher.
  - The parts may become deformed due to the heat.
- If the appliance is equipped with an LED lamp, do not remove lamp cover and LED lamp in any attempt to repair or service it. Please, contact the LG Electronics customer information centre.

Cleaning the Door Basket

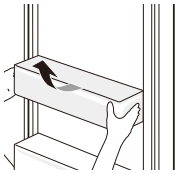
Removing the Left Fridge Door Basket

Hold both edges of the basket and remove it by lifting it upward.



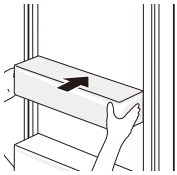
Removing the Freezer Door Basket and Lower InstaView Basket

To remove the door baskets, slightly lift both ends of the basket and pull forward to separate.



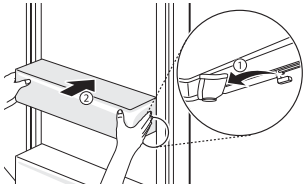
Refitting the Freezer Door Basket and Lower InstaView Basket

To replace, match both ends of the basket to the hole, and push with force until it clicks into place.

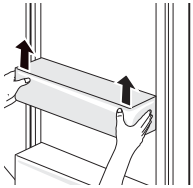


Removing the Upper InstaView Basket

1 Open the latches underneath the basket by rotating them inwards. Tilt the front of the basket up until the tabs on the top sides clear the rails, then push the basket slightly backward.



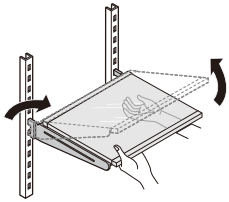
2 Hold both edges of the basket and remove it by lifting it upward.



Cleaning the Shelf

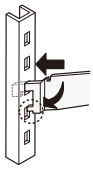
Removing the Fridge Shelf

Tilt up the front of the shelf and lift it straight up. Pull the shelf out.



Refitting the Fridge Shelf

Tilt the front of the shelf up and guide the rear shelf hooks into the slots at the desired height. Then, lower the front of the shelf so that the hooks drop into the slots.

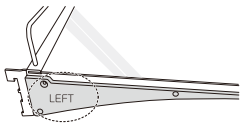


CAUTION

- Make sure that shelves are level from one side to the other. Failure to do so may result in the shelf falling or food spilling.

NOTE

- The left side shelf is marked “LEFT”.



- If left and right side shelves are switched, they are not properly assembled.

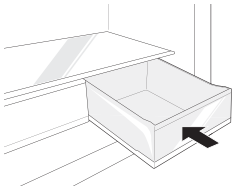
NOTE

- If left and right side of the shelf are switched and refitted, 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.

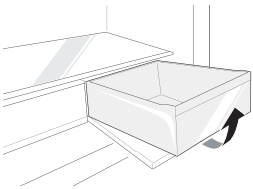
Cleaning the Vegetable Drawer

Removing the Vegetable Drawer

1 Pull the crisper drawer out until it stops.



2 Slightly lift the crisper drawer to remove it from the support.

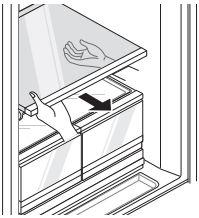


CAUTION

- Please note that injuries can be caused by the weight of stored food items when removing the vegetable drawer.

Removing the Vegetable Drawer Box

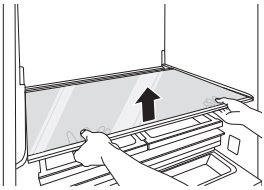
1 Fully open the fridge door and pull out all the shelves.



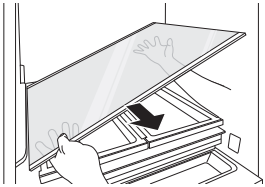
CAUTION

- To avoid injury, always empty the shelves and vegetable drawers before removing them.

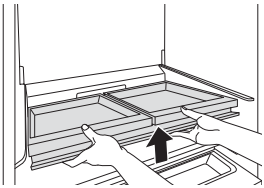
2 Lift the front of the vegetable drawer cover until you hear a loud click.



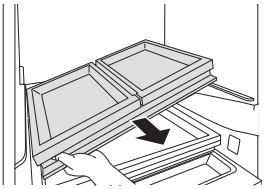
3 Tilt the cover slightly and support it with one hand while pulling it out.



4 Open the convertible pantry and lift the front side of the vegetable drawer box with both hands.

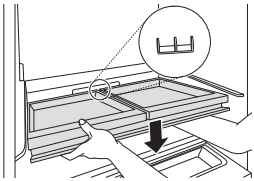


5 Slide one hand under the vegetable drawer box and tilt the box up slightly to remove it.

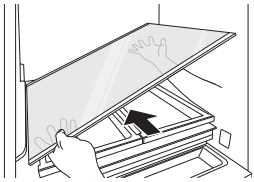


Refitting the Vegetable Drawer Box

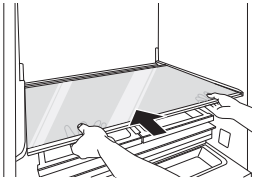
1 Use one hand to support the bottom of the vegetable drawer box while aligning the inner edge of the box with the groove inside the refrigerator. Lower the box into place.



2 Angle the vegetable drawer cover into the refrigerator and then lower it into place.



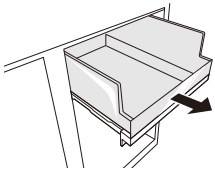
3 Slide the vegetable drawer cover back until it stops.



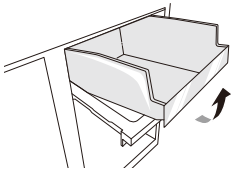
Cleaning the Freezer Drawer

Removing the Freezer Drawer

1 Pull the freezer drawer out until it stops. Empty all contents out of the drawer before removing it.



2 Lift the empty freezer drawer slightly to remove it from the support.



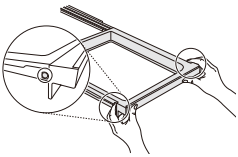
⚠ CAUTION

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

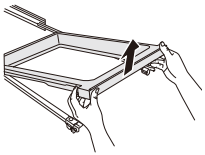
Cleaning the Drawer Support

Removing the Drawer Support

1 Press the levers on either side of the drawer support.

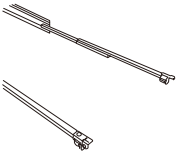


2 Keeping both levers pressed, lift the drawer support slightly and remove it from the rail system.

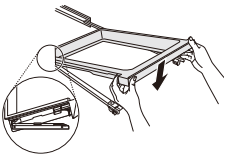


Refitting the Drawer Support

1 Pull out and remove the rail of the drawer support.



2 Align the drawer support on the rail and press it down until you hear snap sound.



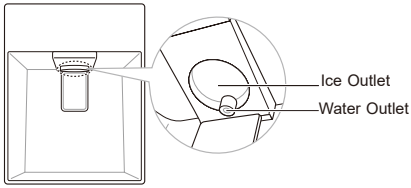
Cleaning the Water Dispenser

Cleaning the Dispenser Tray

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

Cleaning the Water and Ice Outlet

Wipe the water or ice outlet frequently with a clean cloth as it may get dirty easily. Please note that lint from a cloth may adhere to the outlet.



Replacing the Water Filter (For Plumbed models Only)

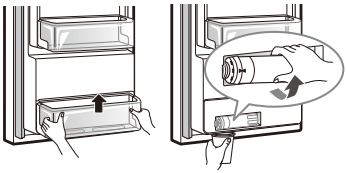
Replace the disposable water filter when indicated on the **Replacement Filter** icon or at least every 6 months.

To give you enough time to get a new filter, the light will come on just before the capacity of the current filter runs out. Changing the filter on time ensures that you always get fresh and clean water from the appliance.

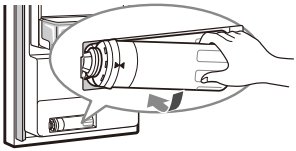
1 Unplug the appliance.

2 Turn off the water supply to the appliance.

3 Remove the disposalbe water filter.



4 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.



5 Turn on the water supply and switch on the appliance.

6 Press and hold the **Water Filter** button for three seconds. That resets the Replacement Filter icon. The new water filter has been activated.

Application Guidelines/Water Supply Parameters	
Service Flow	1.9 lpm
Water Supply	Community or Private Well - Potable Water
Water Pressure	138 - 827 kPa
Water Temperature	0.6 -37.8°C
Capacity	757 liters

It is essential that the manufacturer's recommended installation, maintenance and filter replacement requirements be carried out for the product to perform as advertised.

NOTE

- While the testing was performed under standard laboratory conditions, actual performance may vary.

Replacement Cartridge:
MDJ64844601(LT1000P)

⚠ 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. Systems certified for cyst reduction may be used on disinfected water that may contain filterable cysts. EPA Establishment # 070595-MEX-001

⚠ CAUTION

To reduce the risk associated with property damage due to water leakage:

- 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 827 kPa. If your water pressure exceeds 80 psi, you must install a pressure limiting valve. Contact a plumbing 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 37.8 °C.
- Protect filter from freezing. Drain filter when temperatures drop below 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.
- 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 of leaks.

TROUBLESHOOTING

Symptoms	Reason	Solution
There is no refrigeration or freezing.	**Is there a power interruption?**	• Check the power of other appliances.
	If the power plug unplugged from the outlet?	• Plug the power plug in the outlet properly.
There is poor refrigeration or freezing.	**Is the fridge or freezer temperature set to its warmest setting?**	• Set the fridge or freezer temperature to 'Medium'.
	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 'Medium'.
	Did you put in food with a strong smell?	• Store foods with strong smells in a 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.
The inside lamp in the appliance does not turn on.	**Does the inside lamp in the appliance turn off?**	• It is not possible for customers to replace the inside lamp in the appliance as they are not serviceable. If the inside lamp does not turn on, please contact the LG Electronics customer information centre.

Symptoms	Reason	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 without force.
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 leveling legs extended, 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 leveling legs fully so they are in firm contact with the floor. Follow the instruction in the Door Alignment section to raise the left appliance door until the door mullion is once again working properly. Adjust the right appliance door so it aligns with the left appliance door.

Symptoms	Reason	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 in the fridge or freezer compartment.
	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.

Symptoms	Reason	Solution
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?**	• Frost 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 appliance is noisy and generates abnormal sounds.	**Is the appliance installed on a weak floor or improperly leveled?**	• 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.
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.
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.

Symptoms	Reason	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.
	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.	**Is there ice in the ice bin?**	• Check whether there is ice in the ice bin.
	Is the ice clumped in the ice bin?	• Separate the ice bin and shake it. Discard the remaining clumped ice after shaking the ice bin.

Symptoms	Reason	Solution
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.
	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.
	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.

Symptoms	Reason	Solution
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 on top of or around the appliance.**	• Normal Operation
	Appliance is not resting evenly on the floor.	• Floor is weak or uneven or leveling legs need to be adjusted. See the Door Alignment section.
	Appliance with linear 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
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.

Symptoms	Reason	Solution
Your home appliance and smartphone is 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.

SPECIFICATIONS

Model number	GR-X33FGNGL
Climate class	Tropical
Rated voltage	220 V
Rated frequency	50 Hz
Defrosting input	450 W
Refrigerant	R600a 72 g / 72 g
Country of origin	Made in Korea

Memo

Memo

LG SIGNATURE