



OWNER'S MANUAL

FRIDGE & FREEZER



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

ENGLISH

GF-MV600



MFL71667950
Rev.03_092623

www.lg.com

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

This manual is subject to revision by the manufacturer.

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SAFETY INSTRUCTIONS

READ ALL INSTRUCTIONS BEFORE USE

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

Safety Messages



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



WARNING

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



CAUTION

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

WARNING



WARNING

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

Technical Safety

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

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

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



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

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

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

Risk of Fire and Flammable Materials

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

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

Installation

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

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

Operation

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

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

Disposal

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

CAUTION

CAUTION

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

Installation

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

Operation

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

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

Maintenance

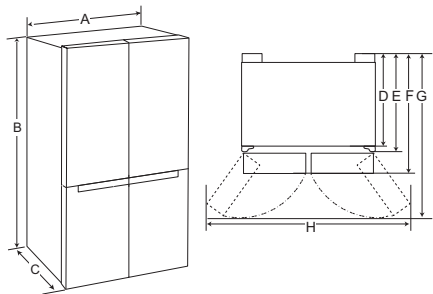
- This appliance is equipped with maintenance-free LED interior light. Do not remove cover or LED lamp in any attempt to repair or change it. Contact an LG Electronics customer information centre.
- Do not clean glass shelves or covers with warm water when they are cold. They may shatter if exposed to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

INSTALLATION

Before Installation

Dimensions and Clearances

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



-	Type A (mm)
A	914
B	1865
C	687
D	615
E	679
F	687
G	1094
H	1182

NOTE

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

Ambient Temperature

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

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

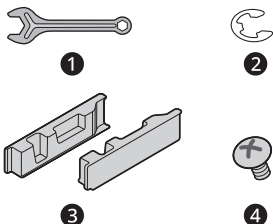
* Australia, India, Kenya

** Argentina

NOTE

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

Accessories



- ❶ Spanner
- ❷ C-Clip (Snap Ring)
- ❸ Top Cover
- ❹ Screw

Removing the Fridge and Freezer Door

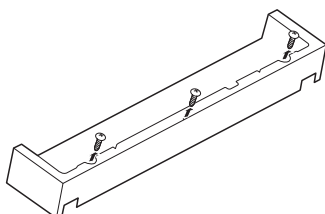
If your entrance door is too narrow for the appliance to pass through, remove the appliance doors and pass the appliance laterally.

⚠ WARNING

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

Removing the Hinge Cover

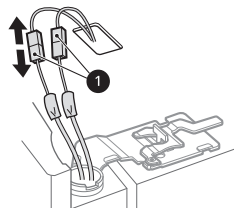
Remove the screws from the hinge cover at the top of the appliance. Lift the hook (not visible), located at the bottom of the front side of the cover with a flat-head screwdriver.



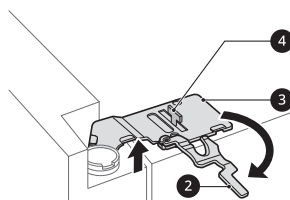
Removing the Left/Right Fridge Door

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

- 1 Disconnect all wire harnesses ❶.



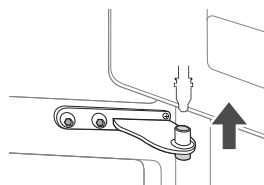
- 2 Rotate the hinge lever ❷ clockwise. Lift the top hinge ❸ free of the hinge lever latch ❹.



⚠ CAUTION

- When lifting the hinge free of the hinge lever latch, be careful that the door does not fall forward. It is recommended that two or more people carry out the door removal and refitting.

- 3 Lift the fridge door until it is free of the middle hinge assembly.

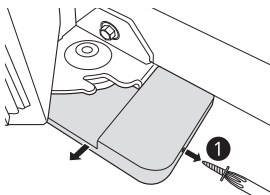


⚠ CAUTION

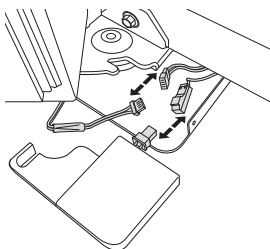
- Place the door on a non-scratching surface with the inner side facing up.

Removing the Freezer Doors

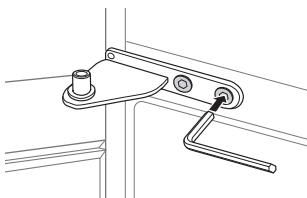
- 1 Unscrew the screw ❶ that attaches the lower hinge cover and remove the cover.



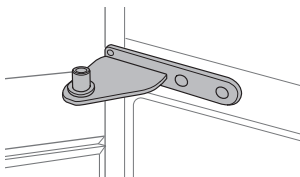
- 2 Disconnect all wire harnesses.



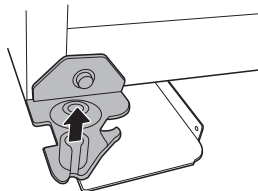
- 3 Remove the two hinge bolts.



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



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



Refitting the Fridge and Freezer Door

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

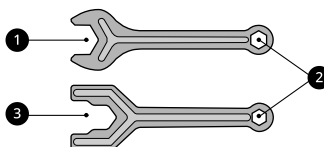
Levelling and Door Alignment

Before Beginning

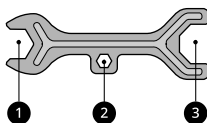
When the appliance doors appear to be uneven, follow the instructions below to align the doors.

NOTE

- The spanner may differ depending on the model. You will be provided with either spanner type A or B.
- Spanner Type A



- Spanner Type B



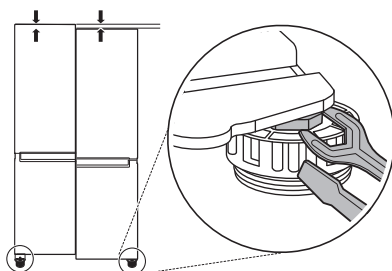
Levelling the Appliance

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

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

NOTE

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



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

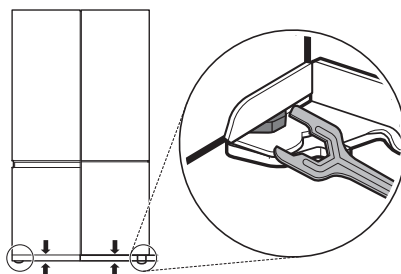
Door Alignment

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

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

Freezer Door

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



Fridge Door

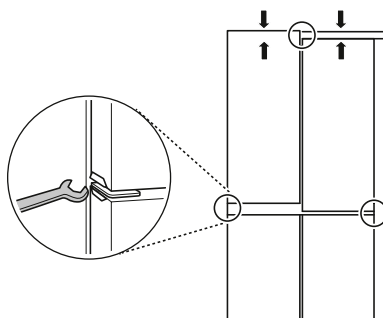
The door alignment method may differ depending on the model.

Fridge Type A

Both the left and right fridge doors have an adjustable nut, located on the bottom hinge, to raise and lower them to align properly.

If the space between the doors is uneven even after the door bins are filled, follow the instructions below to align the doors evenly:

Use the wrench (included with the owner's manual) to turn the nut in the door hinge to adjust the height. Turn the nut to the right to raise the door or to the left to lower it.

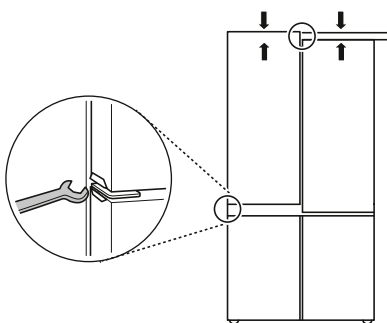


Fridge Type B Left Fridge Door

The left fridge door has an adjustable nut, located on the bottom hinge, to raise and lower the door for proper alignment.

If the space between the doors is uneven, follow the instructions below to align the left door:

Use the wrench (included with the owner's manual) to turn the nut in the door hinge to adjust the height. Turn the nut to the right to raise the door or to the left to lower it.



Right Fridge Door

The right fridge door does not have an adjustable nut.

If the space between the doors is uneven, follow the instructions below to align the right door:

1 Lift up both the inner and outer door sections of the right door to raise them at the middle hinge. (It may be easier to lift them with the doors open.)

2 While the door is lifted, have an assistant insert the C-Clip on the middle hinge. The C-Clip may differ depending on the model.

• Type A



Use pliers to insert the C-Clip on the middle hinge of the inner door section as shown. Insert additional C-Clips until the right door is aligned.

• Type B

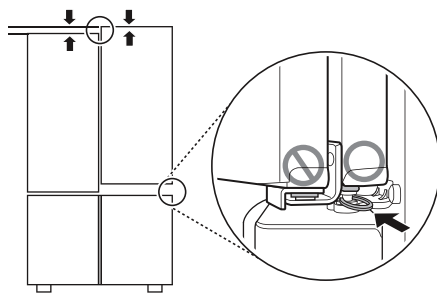


Insert only one C-Clip on the middle hinge of the inner door section as shown.

- If a C-Clip is already inserted on the middle hinge, remove the C-Clip before inserting a new C-Clip.

CAUTION

- The door is heavy. To avoid injury, use two or more people to lift and align the fridge door.
- Small parts are a swallowing hazard for small children. Keep C-Clips out of the reach of children.
- Do not insert the C-Clip on the hinge of the outer door section.



Turning on the Power

Connecting the Appliance

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

NOTE

- After connecting the power supply cord (or plug) to the outlet, wait 3 or 4 hours before you put food into the appliance. If you add food before the appliance has cooled completely, your food may spoil.

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

Moving the Appliance for Relocation

Moving the Appliance

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

OPERATION

Before Use

Notes for Operation

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

Door Open Alarm

This feature is only available on some models. The alarm sounds if the door is left open or not completely closed.

NOTE

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

Failure Detection

The appliance can automatically detect problems during the operation.

NOTE

- If a problem is detected, the appliance may not operate and an error code is displayed even when any button is pressed.

- If an error code is indicated on the display, do not turn off the power. Immediately contact the LG Electronics customer information centre and report the error code. If you turn off the power, the repair technician from the our information centre may have difficulty finding the problem.
-

Suggestion for Energy Saving

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

Storing Foods Effectively

- Food may freeze or spoil if stored at the wrong temperature. Set the refrigerator to the correct temperature for the food being stored.
- Store frozen food or refrigerated food inside sealed containers.
- Check the expiration date and label (storage instructions) before storing food in the appliance.
- Do not store food for a long period of time if it spoils easily at a low temperature.
- Do not place unfrozen food in direct contact with food that is already frozen. It could be necessary to reduce the quantity to be frozen if freezing every day is anticipated.

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

- To get better air circulation, insert all inner parts like baskets, drawers, and shelves.

Freezing the Maximum Amount of Food

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

CAUTION

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

NOTE

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

Maximum Freezing Capacity

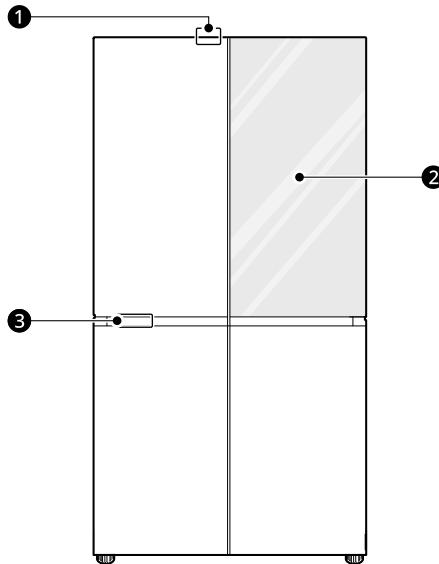
- For maximum freezing capacity, set the freezer temperature to the coldest temperature setting.
- **Express Freeze** function will allow the freezer to reach its maximum freezing capacity. This generally takes up to 24 hours and automatically switches off.
- **Express Freeze** must be switched on for 2 hours before fresh products are placed in the freezer compartment.
- To freeze food items quickly, store the food on the top freezer trays. Food items will freeze most quickly on the freezer trays.

Product Features

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

Exterior

*1 This feature is only available on some models.



❶ Illumination Sensor

Detects the level of illuminance and adjusts the LED lighting on the door accordingly.

❷ InstaView^{*1}

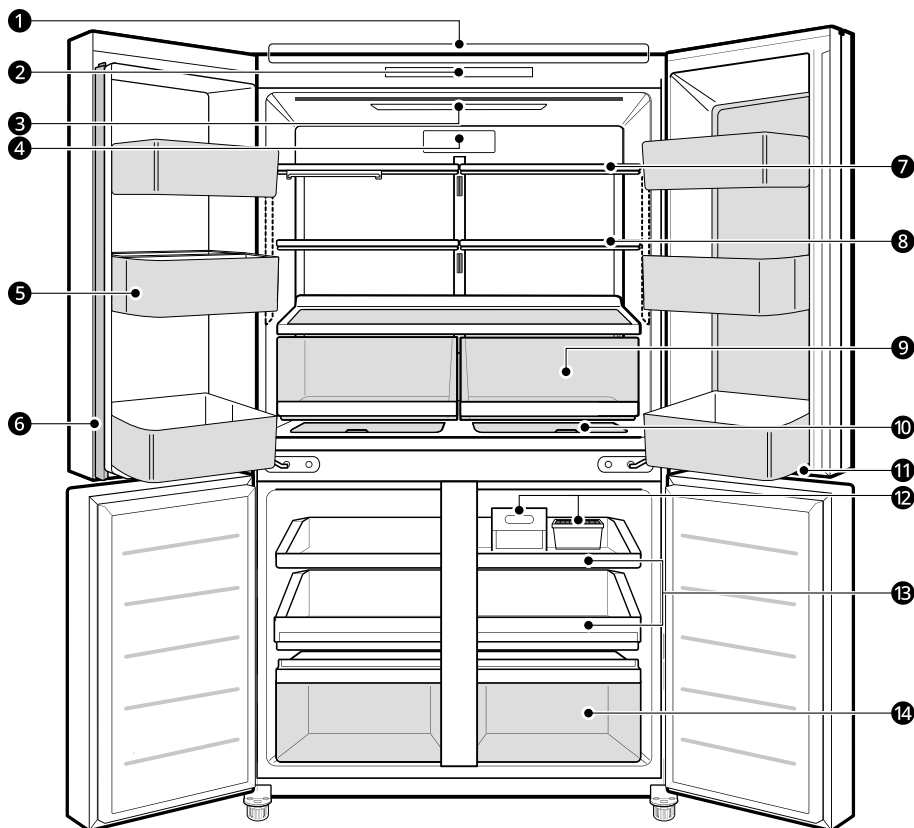
Knock twice on the glass to turn the LED light inside the **InstaView** on or off.

❸ Proximity Sensor

The LED on the bottom of the refrigerator doors automatically turns on when you approach the appliance.

Interior

*1 This feature is only available on some models.



① Bluetooth Speaker ^{*1}

Connect a Bluetooth-supported device to your appliance to use the Bluetooth speaker. Refer to the Operation section for more information.

② Control Panel

Sets the fridge temperature and freezer temperature.

③ LED Lamp

The LED lamps inside the fridge light up when you open the door.

④ Air Filter ^{*1}

Reduces odours inside the fridge compartment.

⑤ Fridge Door Basket

Stores small packages of refrigerated foods, drinks and sauce containers.

⑥ Door Mullion

22 OPERATION

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 folding door mullion is folded in before closing the left-hand door.
 - The door alarm will sound every 30 seconds if the door remains open longer than one minute.
-

7 Fridge Shelf

Stores refrigerated foods and fresh foods.

- Store foods with higher moisture content at the front of the shelf.
- Adjust the shelf height by inserting the shelf in another groove at a different height.
- The actual number of shelves will differ from model to model.

8 Folding Shelf ^{*1}

This is adjustable to meet individual storage needs.

9 Fridge Drawer

Stores fruits and vegetables to keep fresh for as long as possible.

10 Extra Space

Stores small food items such as cheese and ham.

11 LED Lamp

The LED lamp on the bottom of the fridge door lights up when you open the freezer door.

12 Icemaker ^{*1}

This is where ice is manually produced and stored.

13 Freezer Tray

Stores small packaged frozen food or frequently-used foods. The sliding trays allow easy access and convenience of use.

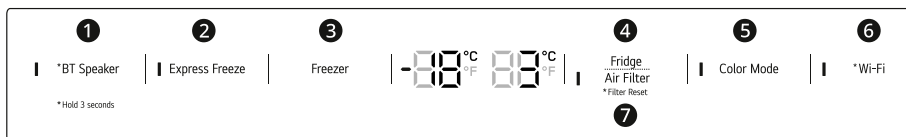
14 Freezer Drawer

Stores frozen food for longer storage.

Control Panel

The actual control panel may differ from model to model.

Control Panel and Functions



1 BT Speaker

Press the **BT Speaker** button for 3 seconds to connect the Bluetooth speaker to other Bluetooth-supported devices.

2 Express Freeze

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

- This function is enabled and disabled in turn each time you press the button.
- This function automatically terminates after a specific period has passed.

3 Freezer

Press this button repeatedly to select a desired temperature between -23 °C and -15 °C.

- The default freezer temperature is -18 °C.

4 Fridge

Press this button repeatedly to select a desired temperature between 1 °C and 7 °C.

- The default freezer temperature is -18 °C.

NOTE

- 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.

5 Color Mode

Press the **Color Mode** to turn the LED lighting in the refrigerator door panels ON or OFF.

6 Wi-Fi

This button allows the appliance to connect to a home Wi-Fi network. Refer to Smart Functions for information on the initial setup of the **LG ThinQ** application.

7 Air Filter

Replace the air filter when the indicator light turns on. After replacing the air filter, press and hold the **Air Filter** button for 3 seconds to turn the indicator light off. Replace the air filter approximately every six months.

NOTE

- When the appliance is in the energy saving mode, the display remains off until a door is opened or a button is pressed. Once on, the display remains on for 20 seconds.

NOTE

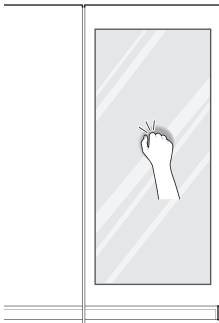
- If there is any finger or skin contacts to the control panel while cleaning it, the button function may operate.
 - The displayed temperature is the target temperature, and not the actual temperature of the appliance. The actual appliance temperature depends on the food inside the appliance.
 - This appliance incorporates an earth connection for functional purposes only.
-

InstaView

This feature is only available on some models.

Using the InstaView

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



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

NOTE

- The **InstaView** function is disabled for 2 seconds after closing the left or right freezer door.
- Knock near the center of the glass. Knocking near the edges of the glass may not activate the **InstaView** function.
- Knock hard enough so that the knocking sound is audible.

- The **InstaView** function may activate if a loud noise occurs near the refrigerator.
 - Clean the glass door with a dry cloth. To remove stubborn stains, slightly moisten a clean cloth with lukewarm water or a glass cleaner. Do not spray glass cleaner directly at the glass door.
-

Drawer

⚠ CAUTION

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

Using the Fridge Drawer

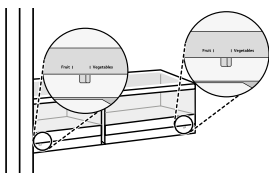
This feature is only available on some models.

The crispers provide fresher tasting fruit and vegetables by letting you easily control humidity inside the drawer.

You can control the amount of humidity in the moisture-sealed crispers by adjusting the control to any setting between **Vegetables** and **Fruit**.

- **Vegetables** keeps moist air in the crisper for best storage of fresh, leafy vegetables.

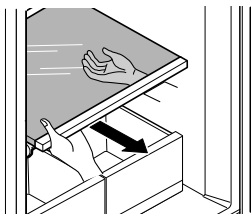
- **Fruit** lets moist air out of the crisper for best storage of fruit.



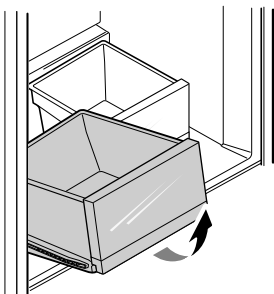
Removing/Refitting the Fridge Drawer

This feature may vary depending on model purchased.

- 1 Open both fridge doors completely. Hold the cover with both hands and tilt the cover slightly while pulling it out.



- 2 Remove the contents of the drawer. Hold the handle of the vegetable drawer and gently pull it out.

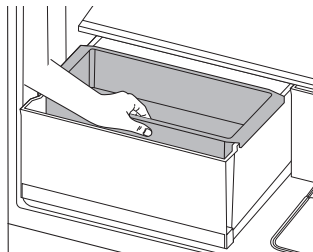


- 3 Mount the fridge drawer in the reverse order of the removal process.

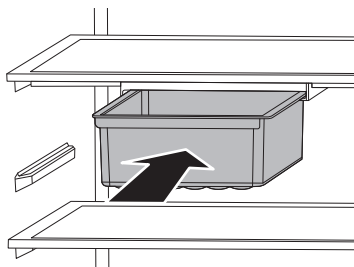
Using the Fresh Tray

This feature is only available on some models. Use the fresh tray to store frequently-used items that require easy access.

- 1 Hold and lift up the fresh tray in the vegetable drawer.

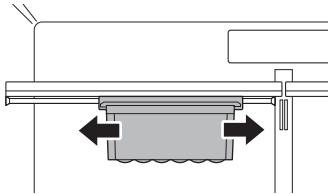


- 2 Insert the fresh tray into the holder under the fridge shelf. Push the fresh tray completely until it stops.
 - The holder may not be provided depending on model purchased.



NOTE

- You can move the fresh tray left or right to find the proper position.

**Using the Freezer Drawer**

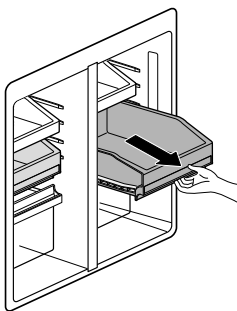
The sliding freezer drawers allow easy access and convenience of use.

- Use the upper compartment to store packaged frozen foods and frequently-used foods.
- Use the lower compartment for larger frozen foods and items stored for longer periods.

Removing/Refitting the Freezer Drawer

This feature may vary depending on model purchased.

- 1 Open both freezer doors completely. Pull out the freezer drawer to full extension and remove all of the contents.



- 2 With the drawer fully extended, lift up the front and pull the drawer out to remove it.

- 3 Mount the freezer drawer in the reverse order of the removal process.

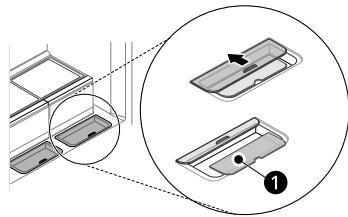
CAUTION

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

Extra Space**Using the Extra Space**

This feature is only available on some models.

The Extra Space compartment is always 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.

**NOTE**

- Be careful when handling and storing larger eggs. They can break if the drawer is pushed in or pulled out while the cover is not completely closed.
- Items can also freeze in the Extra Space compartments if the fridge compartment set temperatures are too cold.
- Do not remove the transparent pad ① from the **Extra Space**. The pad helps prevent food items from freezing.

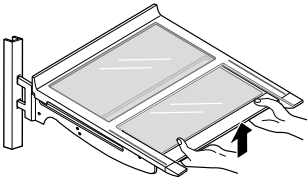
Shelf

⚠ CAUTION

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

Using the Folding Shelf

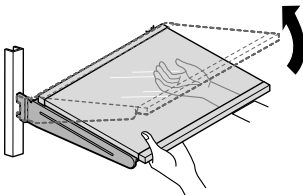
This feature is only available on some models. Store taller items, such as a gallon container or bottles, by pushing the front half of the shelf underneath the back half of the shelf. Pull the front of the shelf forward to return to a full shelf.



Removing/Refitting the Shelf

This feature may vary depending on model purchased.

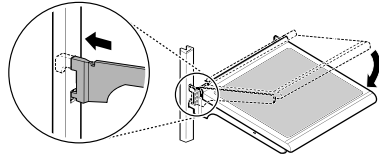
- 1 Tilt up the front of the shelf and then lift the shelf straight up.



- 2 Pull the shelf out.

- 3 Tilt the front of the shelf up and guide the shelf hooks into the slots at a desired height.

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



⚠ CAUTION

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

Icemaker

Before Using the Icemaker

⚠ WARNING

- Fill with potable water only into icemaker or dispenser water tank.

NOTE

- The icemaker produces ice normally once approximately 48 hours have passed after the appliance is initially installed.
- If half-frozen ice is put into the ice storage bin, it will cause the exiting ice cubes to lump together. It takes about 4 hours at - 20 °C for ice production.
- If the freezer door is frequently opened, warm air enters the freezer compartment. It may take a longer time to freeze ice.
- Be careful not to twist the ice maker with force since it can break.

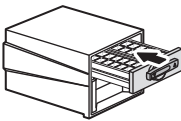
NOTE

- Do not freeze the ice in the ice storage bin. This could break it and cause appliance damage or injury.
-

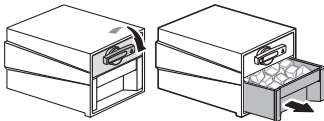
Using the Icemaker

This feature is only available on some models.

- 1 To make ice, fill the ice tray with water and insert it into its position.



- 2 Rotate the knob of the ice tray clockwise and pull out the ice basket.



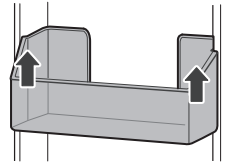
NOTE

- You can remove the icemaker or ice storage bin to create more space inside the freezer if you do not use it.
-

Door Basket

Removing/Refitting the Door Basket

- 1 To remove the baskets, simply lift the basket up and pull straight out.



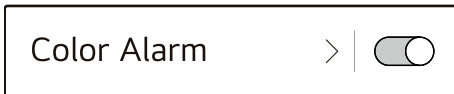
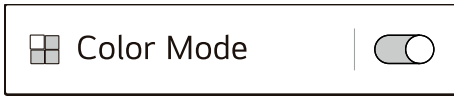
- 2 To refit the the basket, slide the bin in the above the desired support and gently push down until it snaps into place.

Color Mode

Using the Color Mode

- 1 Press the **Color Mode** button on the control panel. After about 2 seconds, the door panel LEDs will illuminate.
- 2 Set the LED color and lighting duration of the door panels in the **LG ThinQ** application.
 - Use the **Color Collection** function to change the color of the door panel LEDs.
 - Use the **Color Alarm** function to set light alarms on the door panels.

- The **Music Collection** function changes the colors of the LEDs in the door panels in response to music.



brighter or darker than the ambient light requires.

- If two or more refrigerators are installed together, there may be a time difference between when a function operates on each refrigerator.
- The colors on the panels may differ slightly depending on the size of the product, the angle of view, and the surrounding installation environment.

NOTE

- Energy consumption is calculated in accordance with AS/NZS 4474:2018 which requires the MoodUP(R)'s LED lighting feature be inactive (turned off) during testing.
- Energy consumption may vary depending on usage and when MoodUP® function is activated.
- The handle and door panel may feel warm to the touch when MoodUP® function is activated.
- The sensitivity of the proximity sensor or the illumination sensor may vary depending on the installation environment of the refrigerator or the conditions of use (such as the lighting location).
- The LED on the door panel turns off automatically if the proximity sensor detects that no one is near the refrigerator or a set amount of time after the door is opened.
- If the proximity sensor detects a pet, the LED on the door panel may illuminate.
- The **Welcome Alarm** and **Mood Alarm** functions operate only when the proximity sensor detects a person.
- The illumination sensor detects the brightness around the refrigerator and automatically adjusts the LED brightness of the door panel.
- If there is a light or shadow around the illumination sensor, the color mode may be

SMART FUNCTIONS

LG ThinQ Application

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

LG ThinQ Application Features

*1 This feature is only available on some models.

- **Smart Learner***1
 - Provides a more personalized experience based on an analysis of your usage patterns.
- **Energy Monitoring***1
 - This feature keeps track of the appliance's power consumption and the number of door openings.
- **Remote Control***1
 - Controls the appliance temperature, air filter and Ice Plus from the smartphone application.
- **Push Messages***1
 - If the door remains open for more than ten minutes, you will receive a push message. When **Ice Plus** is finished, you will receive a push message.
- **Color Mode**
 - Set the LED color and lighting duration of the appliance door panels.
- **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

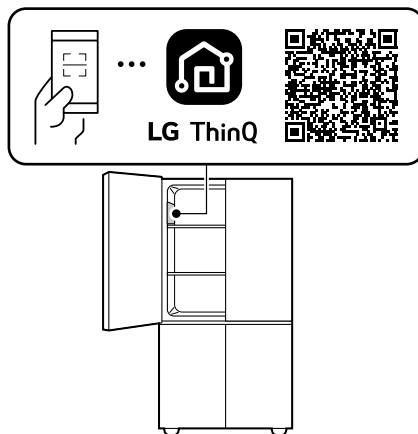
- If you change your wireless router, Internet service provider, or password, delete the connected appliance from the **LG ThinQ** application and connect it again.

- This information is current at the time of publication. The application is subject to change for product improvement purposes without notice to users.

Installing LG ThinQ Application and Connecting an LG Appliance

Models with QR Code

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



Models without QR Code

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

Follow the instructions in the application to complete the process.

NOTE

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

- To disable the Wi-Fi function, press and hold the **Wi-Fi** button for 3 seconds. The Wi-Fi indicator will be turned off.
- To reconnect the appliance or add another user, press and hold the **Wi-Fi** button for 3 seconds to temporarily turn it off. Run the **LG ThinQ** application and follow the instructions in the application to connect the appliance.

Wireless LAN Module Specifications

Model	LAIWB3
Wi-Fi Specifications	
Frequency Range	2412 to 2472 MHz
Output Power (Max.)	IEEE 802.11b: 18.02 dBm
	IEEE 802.11g: 18.93 dBm
	IEEE 802.11n: 19.01 dBm
Bluetooth module Specifications	
Frequency Range	2402 MHz - 2480 MHz
Output Power (Max.)	9.66dBm

Wireless function S/W version: V 1.0

For consideration of the user, this device should be installed and operated with a minimum distance of 20 cm between the device and the body.

RF Radiation Exposure Statement

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

Open Source Software Notice Information

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

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

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

Smart Diagnosis

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

NOTE

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

Using LG ThinQ to Diagnose Issues

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

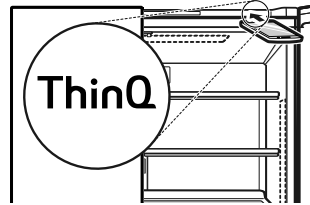
- Launch the **LG ThinQ** application and select the **Smart Diagnosis** feature in the menu. Follow the instructions provided in the **LG ThinQ** application.

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 fridge door and then hold the phone on the upper right **ThinQ** logo.



- 2 Press and hold the **Freezer** button for three seconds or longer while holding your phone to the speaker until the data transfer is complete.
- 3 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.

MAINTENANCE

Cleaning

General Cleaning Tips

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

Cleaning the Exterior

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

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

Cleaning the Interior

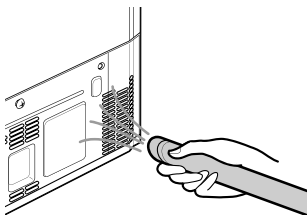
- When removing a shelf or drawer from inside the appliance, remove all stored foods from the shelf or drawer to prevent injury or damage to the appliance. Otherwise, injury may occur due to the weight of stored foods.
- Detach the shelves and drawers and clean them with water, and then dry them sufficiently,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

Cleaning the Condenser Cover

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

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

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



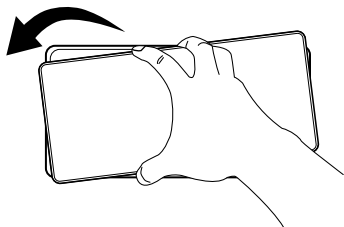
Air Filter

Replacing the Air Filter

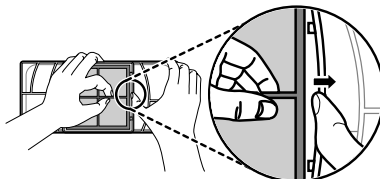
This feature is only available on some models.

- Replace the air filter:
 - Approximately every 12 months.
 - When the air filter indicator lights up.
- To purchase the air filter:
 - Visit your local dealer or distributor or contact the LG Electronics Customer Information Centre. For further assistance, visit our website at lg.com

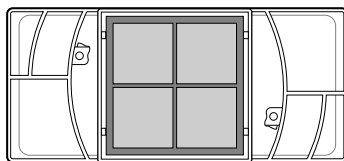
- 1 Rotate the filter cover counterclockwise as far as it can go to release the tabs, and remove the cover. The cover will not release if it has not been rotated all the way.



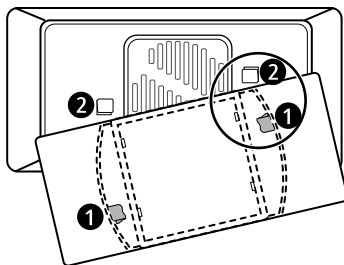
- 2 Remove the filter from the inside of the cover by pressing the side of the filter in and pulling the centre out.



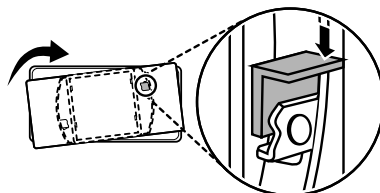
- 3 Place the new filter inside of the cover with the side that says **FRONT** facing outward.



- 4 Align tabs ① on the filter cover with hooks ② on the fridge wall.



- 5 Rotate the air filter cover clockwise until the hooks engage and the cover locks in place.



- 6 Press and hold the **Air Filter** button on the control panel for 3 seconds to reset the filter.

⚠ CAUTION

- If you wash the filter with water, the filter performance may also deteriorate.
 - Caution should be taken not to change the direction of the filter to be inserted into the filter cover.
-

TROUBLESHOOTING

Before Calling for Service

Cooling

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

Symptoms	Possible Cause & Solution
The appliance contains a bad smell.	Did you put in food with a strong smell? • Store foods with strong smells in sealed containers.
	Vegetables or fruit may have spoiled in the drawer. • Throw away rotten vegetables and clean the vegetable drawer. Do not store vegetables too long in the vegetable drawer.

Condensation & Frost

Symptoms	Possible Cause & Solution
There is condensation inside the appliance or on the bottom of the vegetable drawer cover.	Did you store hot food without cooling it first? • Cool the hot food first before putting it inside the fridge or freezer.
	Did you leave the appliance door open? • Although the condensation will disappear soon after you close the appliance door, you can wipe it with a dry cloth.
	Do you open and close the appliance door too frequently? • Condensation can form due to the temperature difference from the outside. Wipe out the dampness with a dry cloth.
	Did you put warm or moist food inside without sealing it in a container? • Store food in a covered or sealed container.
Frost has formed in the freezer compartment.	Doors may not be closed properly. • Check if the food item inside the appliance is blocking the door and make sure that the door is tightly closed.
	Did you store hot food without cooling it first? • Cool the hot food first before putting it in the fridge or freezer compartment.
	Is the air entry or exit of the freezer compartment blocked? • Make sure that air entry or exit is not blocked so that the air can circulate inside.
	Is the freezer compartment overfilled? • Maintain an appropriate space between items.
Frost or condensation has formed inside or outside the appliance.	Did you open and close the appliance door frequently or is the appliance door improperly closed? • Frosts or condensation can form if the outside air penetrates inside the appliance.

Symptoms	Possible Cause & Solution
Frost or condensation has formed inside or outside the appliance.	Is the installation environment humid? Condensation can appear on the exterior of the appliance if the installation area is too humid or on a humid day such as a rainy day. Wipe off any moisture with a dry cloth.
The side or front of the appliance is warm.	There are anti condensation pipes fitted to these areas of the appliance to reduce condensation forming from around the door area. The heat releasing pipe to prevent condensation is installed on the front and side of the appliance. You may feel it particularly hot right after the appliance is installed or during the summer. You can be assured that this is not a problem and is quite normal.
There is water inside or outside of the appliance.	Is there water leakage around the appliance? Check if the water has leaked from a sink or another place.
	Is there water on the bottom of the appliance? Check if the water is from the thawed frozen food or a broken or dropped container.

Parts & Features

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

Symptoms	Possible Cause & Solution
The inside lamp in the appliance does not turn on.	Lamp failure Close the door and re-open. If the lamp does not turn on, please contact the LG Electronics customer information centre. Do not attempt removal of the lamp.

Noises

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

Symptoms	Possible Cause & Solution
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.

Wi-Fi

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

Memo

Memo

Memo

