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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

GV-B84PSE / GV-B86BSE / GV-B85STE



MFL05738304
Rev.00_031826

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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.

- This appliance is intended to be used in household and similar applications such as:
 - staff kitchen areas in shops, offices and other working environments;
 - farm houses and by clients in hotels, motels and other residential type environments;
 - bed and breakfast type environments;
 - catering and similar non-retail applications.
- This refrigerating appliance is not intended to be used as a built-in appliance.
- This appliance is not for use in portable or mobile installations, such as marine or RV uses, where it will be in motion while operating.



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.
- 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.
- Do not damage the refrigerant circuit.
- If the power cord is damaged or the hole of the outlet socket is loose, it must be replaced. Do not use the power cord and contact an authorized service centre in order to avoid a hazard.
- Do not locate multiple portable socket-outlets or portable power supplies at the rear of the appliance.
- 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.
- Keep ventilation openings, in the appliance enclosure or in the built-in structure, clear of obstruction.
- Do not store explosive substances such as aerosol cans with a flammable propellant in this appliance.
- Do not tilt the appliance to pull or push it when transporting.
- When positioning the appliance, ensure the supply cord is not trapped or damaged.
- Do not use mechanical devices or other means to accelerate the defrosting process.
- 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 electrical appliances inside the food storage compartments of the appliance, unless they are of the type recommended by the manufacturer.
- Make sure not to get a body part such as a hand or foot stuck while moving the appliance.
- Disconnect the power cord before cleaning the appliance interior or exterior.
- 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.

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.
- 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 a multi socket adapter which does not have a power cable (mounted).
- 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 cord rating or higher and use the multi socket outlet only for the appliance.
- If a power cable is damaged, it must be replaced by a qualified electrician or the company's service.

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.
- 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 thunderstorm or lightning 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, cover 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.

- 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.
- Move the appliance carefully on sensitive floors to avoid damage to the floor.

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 bucket 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, storage room, shelf or climb up into it.
- Do not store an excessive amount of water bottles or containers for side dishes on 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 in 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

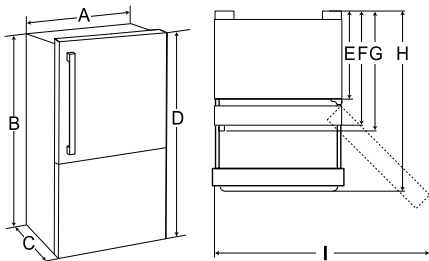
- This appliance is equipped with maintenance-free LED interior light. Do not remove cover or LED lamp in any attempt to repair or change it. Contact an LG Electronics customer information centre.
- Do not clean glass shelves or covers with warm water when they are cold. They may shatter if exposed to 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 bucket 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.



-	Size (mm)
A	836
B	1743
C	849
D	1776
E	748
F	849
G	912
H	1381
I	1187

Ambient Temperature

- The appliance is designed to operate within a limited range of ambient temperatures, depending on the climate zone.
- The internal temperatures could be affected by the location of the appliance, the ambient

temperature, the frequency of door opening and so on.

- The climate class can be found on the rating label.

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

* Australia, India, Kenya

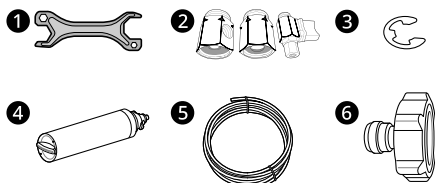
** Argentina

NOTE

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

Accessories

*1 This feature is only available on some models.



- ❶ Spanner *1
- ❷ Tube Connector and Valve *1
- ❸ C-Clip (Snap Ring) *1
- ❹ Water Filter
- ❺ Water Tube *1
- ❻ Tube Connector *1

Removing the Handle

When moving the appliance through a narrow opening, removing the doors is preferred.

The appearance of the handles may vary from what is shown.

These instructions are for models which ship with the handles assembled. For models shipped with the handles disassembled, follow the instructions included in the handle package.

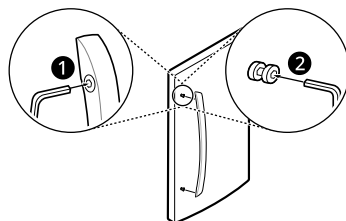
- Tools Needed
 - Units shipped with assembled handles:
2.38 mm (3/32 in.), 3.18 mm (1/8 in.), 6.35 mm (1/4 in.) Allen wrenches
 - Units shipped with disassembled handles:
2.38 mm (3/32 in.), 6.35 mm (1/4 in.) Allen wrenches

⚠ CAUTION

- When removing or refitting the appliance handle, grasp the handle firmly to avoid dropping it.
- Make sure that there is not a gap between the door and handle after assembling the handle.

Removing the Fridge Handle

- 1 Loosen the set screws ❶ with a 2.38 mm (3/32 in.) Allen wrench and remove the handle.
- 2 Loosen the mounting fasteners ❷ that connect to the fridge door and handle using a 6.35 mm (1/4 in.) Allen wrench, and remove the mounting fasteners.



Refitting the Fridge and Drawer Handle

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

Removing the Door and Drawer

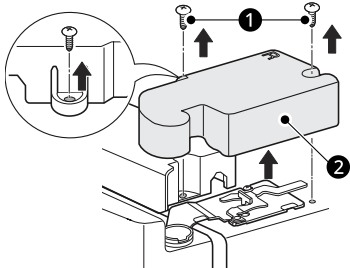
If your entrance door is too narrow for the appliance to pass through, remove the appliance doors and pass the appliance laterally.

⚠ WARNING

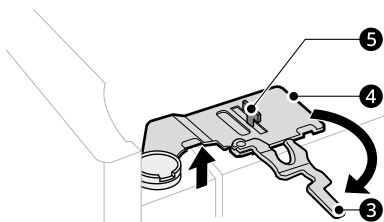
- Disconnect the power cord, house fuse or circuit breaker before installing, removing the doors, or cleaning the appliance. Failure to follow these instructions may result in death, fire or electric shock.

Removing the Fridge Door

- 1 Remove the top hinge cover screws ❶. Lift the hook (not visible), located at the bottom of the cover ❷ with a flat-head screwdriver.



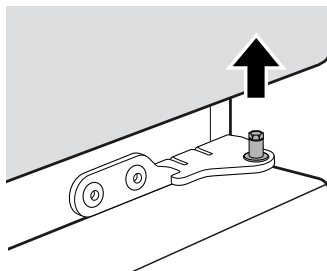
- 2 Rotate the hinge lever ❸ clockwise. Lift the top hinge ❹ free of the hinge lever latch ❺.



⚠ CAUTION

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

- 3 Lift the door from the middle hinge pin and remove the door.



⚠ CAUTION

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

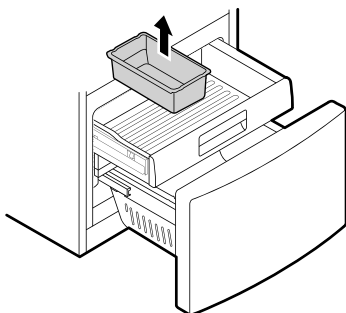
Removing the Freezer Drawers

⚠ WARNING

- Use two or more people to remove and install the fridge doors and freezer drawer.
- Be careful of sharp hinges on both sides of the drawer.
- When you lay the drawer down, be careful not to damage the floor.
- Do not sit or stand on the freezer drawer.
- To prevent accidents, keep children and pets away from the drawer. Do not leave the drawer open. If the Durabase storage bin is removed from the freezer drawer, there is sufficient space for a small child or pet to crawl inside.

- 1 Pull the drawer open to full extension.

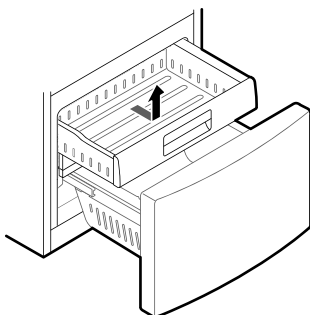
- 2 Gently lift and pull out the ice bin(s).



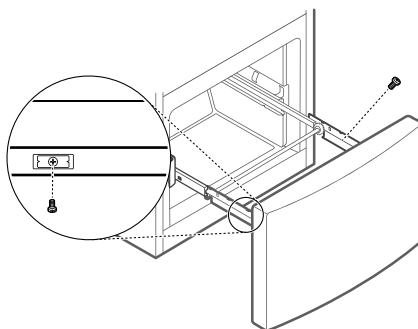
NOTE

- The number of ice bins may vary depending on the model.

- 3 Lift the front of the drawer up, then pull it straight out.



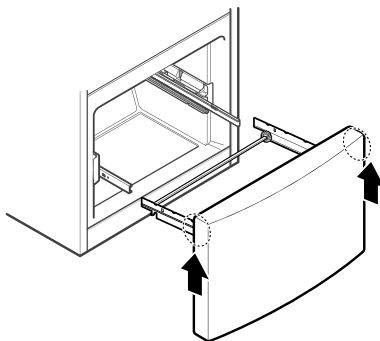
- 4 Remove the durabase basket from the rails. Remove the screws from the rails at both ends.



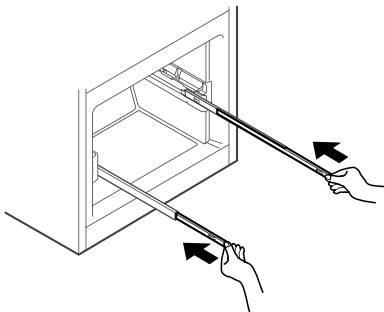
- 5 Grip both sides of the drawer and pull it up to remove it from the rails.

CAUTION

- Do not hold the handle when removing or replacing the drawer. The handle may come off, causing personal injury.



- 6** Hold both rails and push them in simultaneously.



Refitting the Door and Drawer

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

Reversing Doors

Your appliance is designed with reversible doors, so that they may open from either the left or right hand side to suit your kitchen design.

When purchased, the doors open from the right hand side. The reversing door instruction given in this manual is to reverse the door from right hand side to left hand side.

Reversing the doors must be performed by the qualified personnel of LG Electronics. If not, any damage caused by improperly installed doors will not be covered by the warranty.

⚠ WARNING

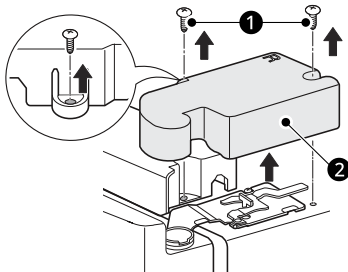
- Reversing the doors must be performed by two or more people.
- Unplug the appliance before reversing the doors.

⚠ CAUTION

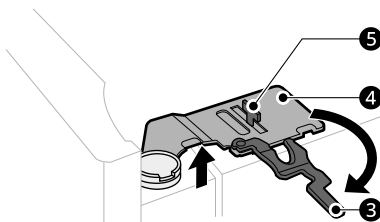
- Keep the accessories, bolts and screws as they may be reused.

- Be careful not to damage the wiring. If the wiring is damaged, it may cause noise or abnormal operation.
- Remove food and any other movable accessories from the door baskets before reversing the doors.
- Be careful not to damage or scratch the appliance.
- Do not hold the handle when removing or replacing the doors as the handle may come off.
- After reversing the doors, check for proper closing and alignment of the doors.

- 1** Remove the top hinge cover screws **1**. Use a flat-head screwdriver to release the tabs inside the front of the cover at the bottom **2**. Remove the cover.



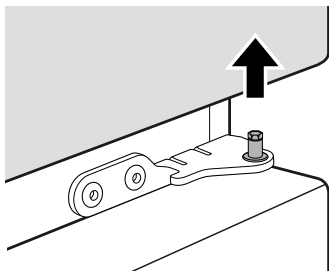
- 2** Rotate the hinge lever **3** clockwise. Lift the top hinge **4** free of the hinge lever latch **5**.



⚠ CAUTION

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

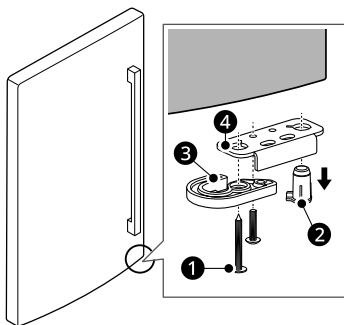
- 3** Lift the door from the middle hinge pin and remove the door.



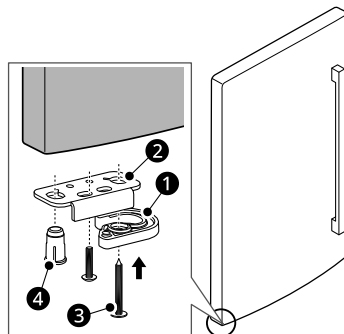
CAUTION

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

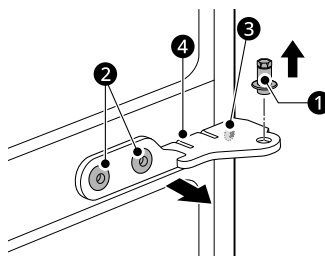
- 4** Remove the two screws **1**, the hinge pin sleeve **2**, the hinge lever **3** and hinge bracket **4** from the bottom right side of the door.



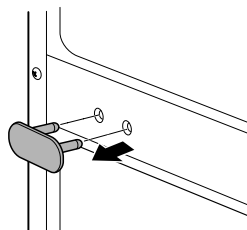
- 5** Turn the hinge lever **1** over and install it, the hinge bracket **2**, screws **3**, and hinge pin sleeve **4** on the bottom left side of the door.



- 6** Use a 1/4 in. (6.35 mm) hex socket wrench to loosen the hinge pin **1** and remove it. Use a 3/16 in. (5 mm) Allen wrench and a Phillips screwdriver to remove the two Allen-head **2** and one Phillips-head **3** screws. Remove the hinge **4**.

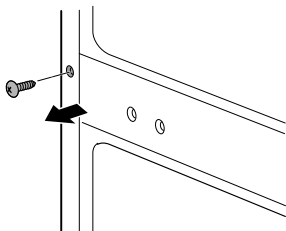


- 7** With a flat-head screwdriver, carefully pry off and remove the cover over the bolt holes on the left side of the fridge.

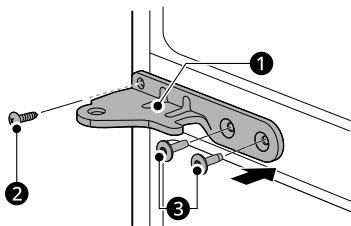


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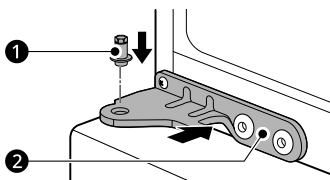
- 8** Remove the outer lower decorative screw from the flange on the frame between the freezer and fridge doors. (You will need this hole for the middle hinge.)



- 9** Flip the middle hinge bracket **1** and position it on the left side of fridge. Insert two Allen-head screws **3** and the Phillips-head screw **2**.



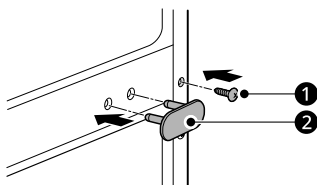
- 10** Insert the hinge pin **1** using a 1/4 in. (6.35 mm) socket wrench.



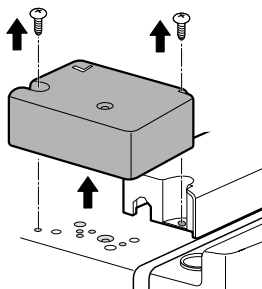
NOTE

- The bracket **2** has been flipped, but the hinge pin **1** stays in the same orientation with its hexagonal end facing upward.

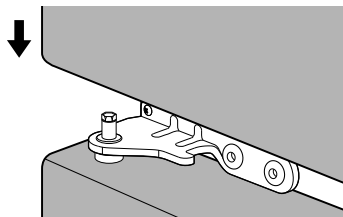
- 11** Insert the decorative screw **1** into the outer hole on the flange along the right front side. Insert the cover **2** over the 2 open bolt holes on the right side. The cover is force-fitted.



- 12** Loosen the two screws and remove the left hinge cap.



- 13** Place the fridge door down over the hinge pin on the middle hinge pin bracket.

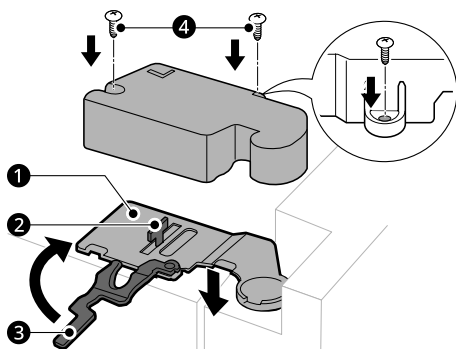


NOTE

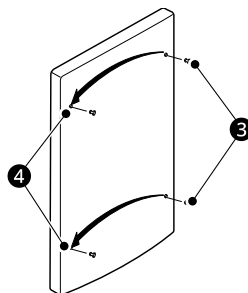
- The left top hinge, right hinge cap, and left hinge cover are provided for reversing doors.

- 14** Fit the hinge **1** over the hinge lever latch **2** and slot it into place. Rotate the lever **3**

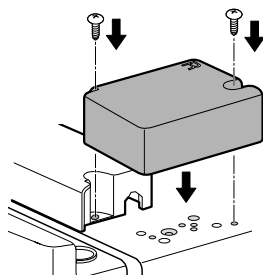
clockwise to secure the hinge. Assemble the left hinge cover with the two screws 4.



- 3 Carefully lift the decorative covers 3 out of the screw holes using a credit card to avoid scratching the door surface, and then remove them by hand. Once they are removed, install the covers in the screw holes 4 on the opposite side by popping them into place.

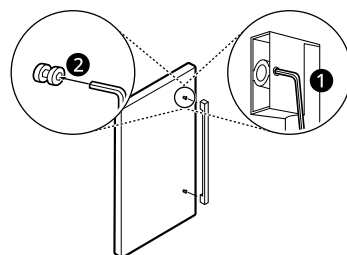


- 15 Assemble the right hinge cap with the two screws.



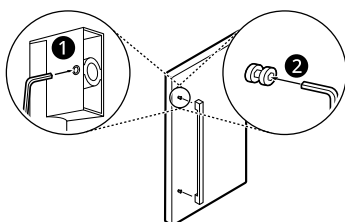
- 4 Attach the mounting fasteners 2 to the opposite side of the door using a 1/4 in. (6.35 mm) Allen wrench.

- 5 Place the handle on the door by fitting the handle footprints over the mounting fasteners 2 and tightening the set screws 1 with a 3/32 in. (2.5 mm) Allen wrench.



Reversing the Fridge Handle

- 1 Loosen the set screws 1 with a 3/32 in. (2.5 mm) Allen wrench, and remove the handle.
- 2 Loosen the mounting fasteners 2 that connect to the fridge door and handle using a 1/4 in. (6.35 mm) Allen wrench, and remove the mounting fasteners.



Connecting the Water Line

This feature is only available on some models.

Water Supply Requirements

A cold water supply with water pressure between 138 kPa and 827 kPa (1.4-8.4 kgf/cm²) is required to operate the water dispenser. If the refrigerator is installed in an area with low water pressure (below

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138 kPa), you can install a booster pump to compensate for the low pressure.

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

⚠ WARNING

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

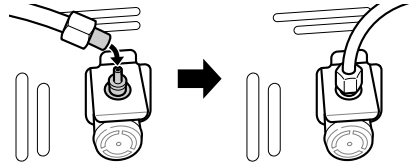
NOTE

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

Connecting Water to the Appliance

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

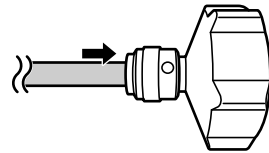
- 2** Firmly push the water tube onto the water inlet valve and tighten up the collar nut.



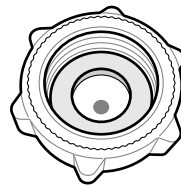
Connecting to the Water Tap

This feature is only available on some models.

- 1** Push the water tube into the hole of the tap connector supplied in the accessories. The pipe should be held firmly whilst the connector is pushed onto the pipe.



- 2** Ensure that the rubber washer is fitted to the inside of the tap connector before screwing it onto the tap.
 - A separate connector or adaptor may need to be purchased if your tap fitting does not match the thread size of the connector provided.



Levelling

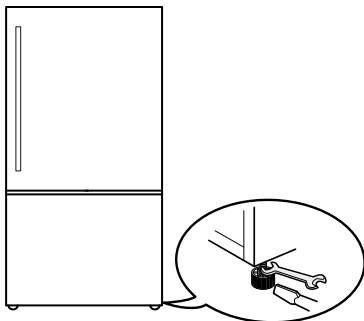
Levelling the Appliance

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 levelling leg to the left to raise that side of the appliance or to the right to lower it. It may take several turns of the levelling 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 appliance 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.

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 enough time before you put food into the appliance. If you add food before the appliance has cooled completely, your food may spoil. Make sure you have removed any clear protective film where it has been applied to the door.
- To turn off the appliance, disconnect the power plug from the outlet socket.

Moving the Appliance for Relocation

Moving the Appliance

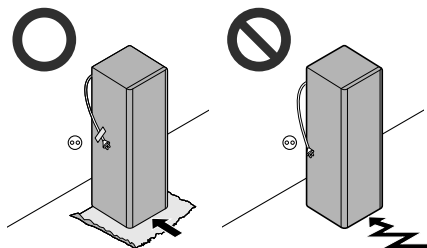
- 1 Remove all food from inside the appliance.
- 2 Fix the power plug.
 - Models with a power plug hook: Pull the power plug out, insert and fix it into the power plug hook at the rear or on top of the appliance.
 - Models without a power plug hook: Pull the power plug out and fix the power supply cable with a tape to the side of the appliance where the power socket is located at the installation site.
- 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.

⚠ CAUTION

- Move the appliance carefully on sensitive floors to avoid damage to the floor.

⚠ CAUTION

- Use cardboard, floor mat or carpet to prevent scratches on the floor when installing or moving the appliance.
- Do not move the appliance in zigzags.



-
- 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 baskets, drawers and shelves) on their original location. Altering their positions may result in less efficient energy consumption or performance.
- 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 freeze food items quickly, store the food in the center of pullout drawer. Food items will freeze most quickly in the drawer.
 - To get better air circulation, insert all inner parts like baskets, drawers, and shelves.

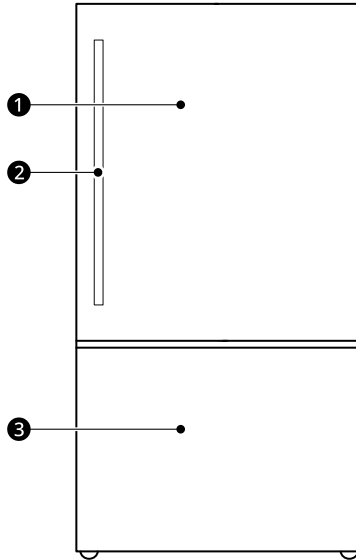
Maximum Freezing Capacity

- 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 when fresh products are placed in the freezer compartment.

Product Features

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

Exterior



① Fridge

Fresh food compartment

② Fridge Handle

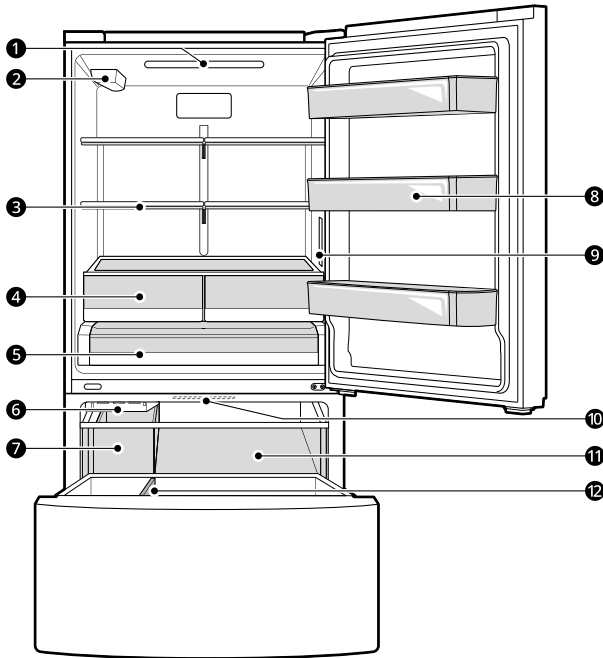
Opens and closes the fridge doors.

③ Freezer

Frozen food compartment

Interior

*1 This feature is only available on some models.



① LED Interior Lighting

Lights up the inside of the fridge.

② Water Filter^{*1}

Purifies water. Replace the water filter every six months. See the Replacing the Water Filter section in this manual for details.

③ Adjustable Fridge Shelf

The fridge shelves are adjustable to meet individual storage needs.

④ Fridge Drawer

Keeps fruits and vegetables fresh.

⑤ Pantry Drawer

Stores food items at a different temperature than the regular fridge area.

⑥ Automatic Icemaker (Freezer)^{*1}

Produces ice automatically.

⑦ Ice Bucket^{*1}

Stores ice produced by the automatic icemaker.

⑧ Door Basket

Standard door baskets are adjustable to fit taller items.

9 Control Panel

Sets the fridge and freezer temperatures.

10 LED Light

LED lights up when the freezer door is opened.

11 Pullout Drawer

Provides extra storage within the freezer compartment.

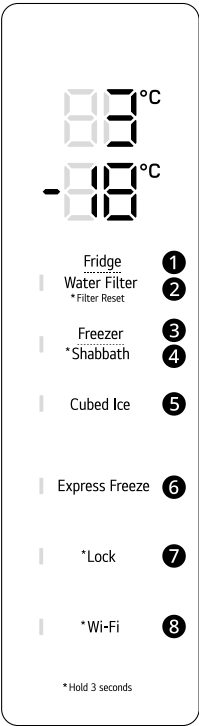
12 Durabase and Durabase Divider

Provides storage for large frozen food items.

Control Panel

The actual control panel may differ from model to model.

Control Panel and Functions



1 Fridge

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

- The default fridge temperature is 3 °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.

2 Water Filter

Replace the water filter when the indicator light turns on.

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 Shabbath

Shabbath mode is used on the Jewish Shabbath and holidays.

Using the Shabbath Mode

- To turn Shabbath mode on, touch the display to activate it, then press and hold the **Shabbath** button for 3 seconds until 5b appears in the display.
- To turn Shabbath mode off manually, press and hold the **Shabbath** button for 3 seconds.

NOTE

- Shabbath mode automatically turns off after 96 hours.
- Once turned on, Shabbath mode is maintained even after a power outage.
- Selecting Shabbath mode automatically turns off the Alarm functions.

5 Cubed Ice

Press this button to turn the **Cubed Ice** icemaker on/off.

6 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.

7 Lock

The lock function disables every other button on the display.

- To lock the control panel buttons, press and hold the **Lock** button for 3 seconds until indicator light turns on and the function is activated.
- To disable the function, press and hold the **Lock** button for 3 seconds until the indicator light turns off and the function is deactivated.

8 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.

NOTE

- For optimal food preservation, increasing or decreasing 1 °C from the default temperature is recommended for each compartment.
- The displayed temperature is the target temperature, and not the actual temperature inside the appliance.
- The actual temperature inside the appliance depends on the following factors: room temperature, the amount of food and how often the doors are opened, where the appliance is. Set the temperatures by considering these factors.
- If there is any finger or skin contacts to the control panel while cleaning it, the button function may operate.

Automatic Icemaker

This feature is only available on some models.

This feature may vary depending on model purchased.

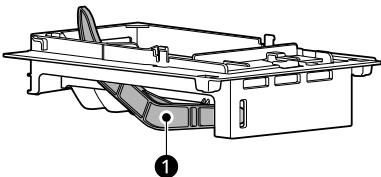
Before Using the Freezer Icemaker

NOTE

- The icemaker begins producing ice approximately 48 hours after the appliance is initially installed.
- Throw away the first few batches of ice after installation.
- The sound of ice dropping into the ice bucket is normal.
- If the ice bucket is completely filled with ice, ice production will stop.
- The amount and shape of ice may vary according to the environment (ambient temperature around the appliance, frequency of the door being opened, amount of food stored in the appliance, water pressure, etc.).
- In the event of a power outage, throw away the ice stored in the ice bucket.

Freezer Icemaker (Cubed Ice)

This feature is only available on some models.



- ① Auto Shutoff (feeler arm)

NOTE

- This automatic freezer icemaker produces 12 cubes at a time, 50-110 pieces within a 24 hour period if conditions are favourable. This amount may vary according to the environment (ambient temperature around the appliance, frequency of the door being opened, amount of food stored in the appliance, etc.).
- Ice cubes which are stored in the ice bucket for a long time may clump together and be difficult to

separate. If this happens, empty the ice bucket completely and clean it before reinstalling it.

Turning the Icemaker On/Off

To turn the automatic icemaker On/Off, press the **Cubed Ice** button on the control panel.

⚠ CAUTION

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

Normal Sounds You May Hear

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

Preparing for Vacation

To turn the icemaker off, press the **Cubed Ice** button. Also, shut off the water supply to the appliance.

NOTE

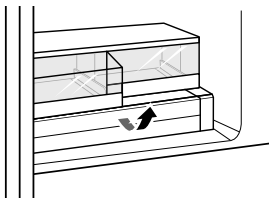
- The ice bucket should be emptied any time the icemaker(s) is turned off.

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

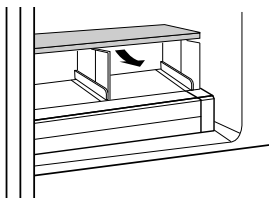
Drawers

Removing/Refitting the Fridge Drawer

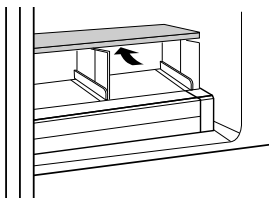
- 1 Pull out the drawer to full extension, lift the front up, and pull straight out.



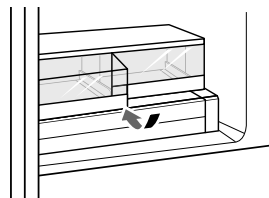
- 2 Lift the front of the cover up with both hands until it detaches from the back wall of the cabinet, then pull it out.



- 3 To refit, insert the cover into the refrigerator with both hands and lower it onto the guides.

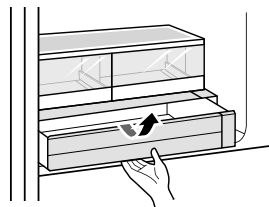


- 4 Slightly tilt up the front, insert the drawer into the frame and push it back into place.

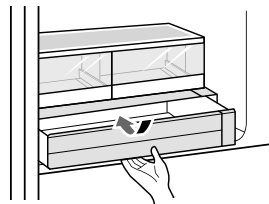


Removing/Refitting the Pantry Drawer

- 1 To remove the pantry drawer, pull out the pantry drawer to full extension, lift the front up, and pull straight out.



- 2 To refit, slightly tilt up the front, insert the pantry drawer into the frame and push it back into place.



Shelf

⚠ CAUTION

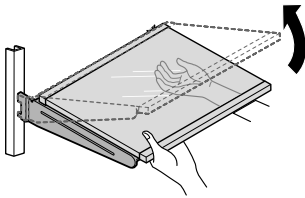
- Glass shelves are heavy. Use special care when removing them.

- Do not clean glass shelves with warm water while they are cold. Shelves may break if exposed to sudden temperature changes or impact.

Removing/Refitting the Shelf

This feature may vary depending on model purchased.

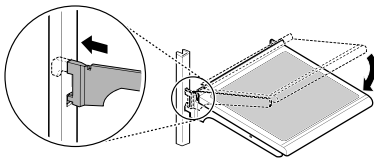
- 1 Tilt up the front of the shelf and then lift the shelf straight up.



- 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.

Door Basket

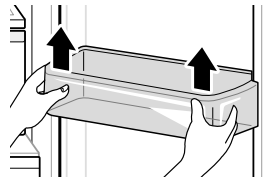
Removing/Refitting the Door Basket

CAUTION

- Regularly detach and wash the door baskets; they can become easily contaminated by food.

The door baskets are removable for easy cleaning and adjustment.

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



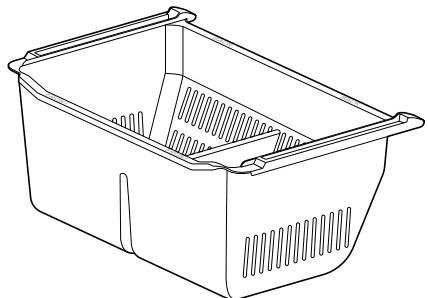
- 2 To assemble the baskets, slide it in above the desired support and push down until it snaps into place.

Durabase

Using the Durabase

The **Durabase** divider allows you to organize the **Durabase** area into 2 sections.

The **Durabase** may differ depending on the model.

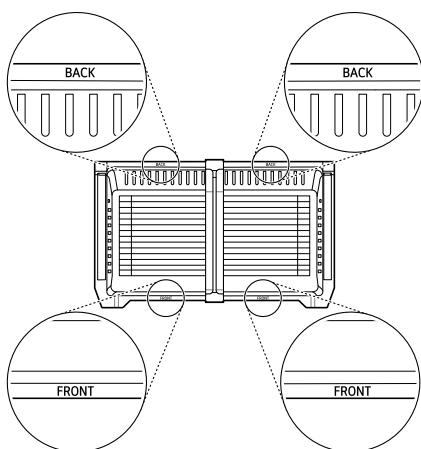


⚠ WARNING

- If the **Durabase** divider is removed, there is enough open space for children or pets to crawl inside. To prevent accidental child and pet entrapment or suffocation risk, **DO NOT** allow children or pets to touch or go near the drawer.

⚠ CAUTION

- The front and back of the **Durabase** are labeled on the top. Make sure to install it so that the side with the rubber drawer stops on the top is toward the inside of the freezer.



SMART FUNCTIONS

LG ThinQ Application

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

LG ThinQ Application Features

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

Smart Diagnosis

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

Settings

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

NOTE

- In the following cases, you must update the network information for each appliance in the **LG ThinQ** application under **Device Cards > Settings > Change Network**.
 - wireless router is changed
 - wireless router password is changed
 - Internet service provider is changed
- The application is subject to change for appliance improvement purposes without notice to users.
- Functions may vary by model.

Installing LG ThinQ Application and Connecting an LG Appliance

Models with QR Code

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



Models without QR Code

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

NOTE

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

- 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.
- 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.

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.

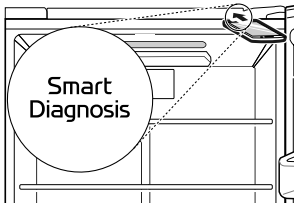
- Launch the **LG ThinQ** application and select the **Smart Diagnosis** feature in the menu. Follow the instructions provided in the **LG ThinQ** application.

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** Press the **Lock** button to activate the lock function.
 - If the display has been locked for over 5 minutes, you must deactivate the lock and then reactivate it.
- 2** Open the fridge door and then hold the phone on the upper right speaker hole.



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

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

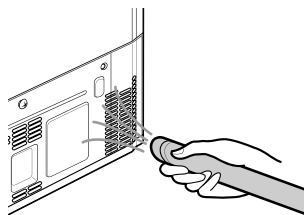
- When cleaning the outside air vents of the appliance by means of vacuuming, then the power cord should be unplugged from the outlet to avoid any static discharge that can damage the electronics or cause an electric shock. Regular cleaning of the rear and side ventilation covers is recommended to maintain reliable and economical operation of the unit.
- Keep the air vents on the exterior of the appliance clean. Blocked air vents can cause fire or appliance damage.
- 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. 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

- Before 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 a mild detergent, and then dry them sufficiently, before replacing them.
- Regularly wipe the door gaskets and door seals with water and a mild detergent. Never use solvent or acidic based chemicals to clean the interior. Doing so will alter its integrity.
- 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, door baskets, or containers in the dishwasher or in hot water. The parts may become deformed, and glass may shatter due to the heat.
- The automatic defrosting system in the appliance ensures that the compartment remains free of ice buildup under normal operating conditions. Users do not need to defrost it manually.

Cleaning the Condenser Cover

Use a vacuum cleaner with a brush to clean the condenser cover and vents. Do not remove the panel covering the condenser coil area. We strongly recommend that this be done every 12 months to maintain operating efficiency. Failing to do so could cause loss of cooling, higher energy usage and compressor overheating.



Water Filter

Before Replacing the Water Filter

⚠ WARNING

- Do not allow children to have access to small parts during the installation of this product.
- 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.

⚠ CAUTION

- Do not install if water pressure exceeds 827 kPa. If your water pressure exceeds 827 kPa, you must install a pressure limiting valve. Contact a plumbing professional if you are 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.

NOTE

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

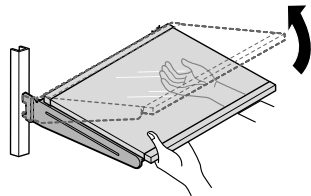
- It is essential that the manufacturer's recommended installation, maintenance and filter replacement requirements be carried out for the product to perform as advertised.

Replacing the Water Filter

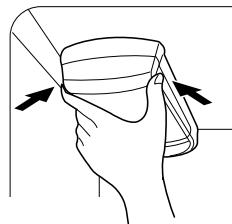
The filter must be changed every 6 months or when the water filter indicator on the control panel lights turns on or the water dispenser output decreases.

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

- 1 If the top shelf, located below the water filter, is in the highest position, it will need to be removed prior to replacing the water filter.
 - Tilt up the front of the shelf and then lift the shelf straight up. Pull the shelf out.



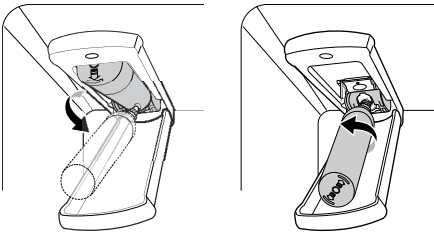
- 2 Remove the old water filter.
 - Lower or remove the top left shelf to allow the water filter to rotate all the way down. Pinch the sides to open the water filter cover.



NOTE

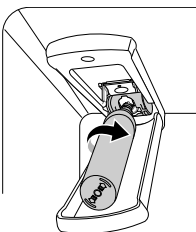
- Replacing the water filter causes a small amount of water (around 25 cc) to drain.
- Wrap a cloth around the front end of the water filter cover to collect any leaking water. Hold the water filter upright, once it is removed, to prevent any remaining water from spilling out of the water filter.

- 3** Pull the water filter downward and turn it counterclockwise before pulling it out. Make sure to rotate the filter down completely before pulling it out of the manifold hole.

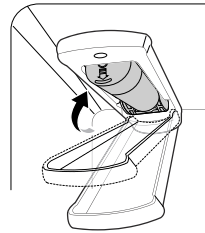


- 4** Replace with a new water filter.

- Take the new water filter out of its packing and remove the protective cover from the o-rings. With the water filter tabs in the horizontal position, push the new water filter into the manifold hole and turn it clockwise until it stops.



- 5** Close the water filter cover. The cover will click when closed correctly.



- 6** After the water filter is replaced,
- Models with water dispenser: dispense 10 liters of water (flush for approximately 5 minutes) to remove trapped air and contaminants from the system.

NOTE

- Do not dispense the entire 10 liters amount continuously. Press and release the dispenser pad for cycles of 30 seconds ON and 60 seconds OFF.
- Models without water dispenser: dispose of the first full bucket of ice produced.

- 7** After changing the filter, press and hold the **Water Filter** button for three seconds to reset the indicator light.

CAUTION

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

Application Guidelines/Water Supply Parameters

- Service Flow: 1.9 lpm
- Water Supply: Community or Private Well - Potable Water
- Water Pressure: 138 - 827 kPa

40 MAINTENANCE

- Water Temperature: 0.6 - 37.8 °C
- Capacity: 757 litres

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 its warmest setting? 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.

Ice

Symptoms	Possible Cause & Solution
The automatic icemaker does not produce ice or produces a small amount of ice.	Did you install the appliance recently? • The ice maker produces ice normally when approximately 48 hours have passed after the appliance is installed.
	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.

Symptoms	Possible Cause & Solution
Ice is not dispensed.	Is the ice path blocked? (You can check the ice passage by separating the ice bucket.) • Ice may not be dispensed properly if the ice passage is blocked. Check the ice and clean the ice path regularly.

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.
Buzzing sound from the water tank. (Non plumbed models only)	You may hear valve a buzzing sound from the water tank if the icemaker is on and the water tank is empty. • Fill the water tank or turn the icemaker off.

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

