Scan the QR code to see the manual.

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

MFL72031103
Rev.02_070224

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.

- 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 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 from the power supply 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 or repair 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 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). It must comply with the technical specifications of the appliance and may only be used for the appliance.

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 lightening or when not in use for a long period of time.
- Do not touch the power plug or the appliance controls with wet hands.
- Do not bend the power cable excessively or place a heavy object on it.
- 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. Contents may expand when frozen, break the container and cause injury.
- 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. There is a risk of freezing or the formation of frost blisters. FIRST AID: Immediately hold it under cold running water. Do not pull it away.
- 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.

- If ice forms in the freezer compartment, please contact LG Electronics customer service. Do not use sharp-edged objects to remove any frost or ice build-up. Do not use sprays, electric heating devices such as fan heaters, hair dryers, steam cleaners or other heat sources for defrosting. Plastic parts could deform.
- Dispose of the ice inside the ice bucket in the freezer compartment during an extended power outage.

CARING FOR THE ENVIRONMENT

Used Appliances

⚠ CAUTION

- Used appliances must be rendered unusable prior to disposal so that they no longer present a risk. To achieve this, disconnect from the mains supply and remove the power supply cable.

For the protection of the environment, used appliances must be disposed of properly.

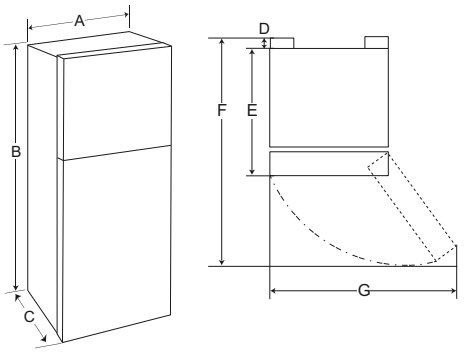
- The appliance must not be disposed of along with normal domestic waste.

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)	
	Type A	Type B
A	760	836
B	1676	1736
C	856	856
D	13	13
E	856	856
F	1530	1605
G	1225	1331

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.

Removing/Refitting Doors

The method for removing/refitting the door may differ depending on the model.

If the entrance door is too narrow for the refrigerator to pass through, remove the refrigerator doors and move the refrigerator sideways through the doorway.

⚠ WARNING

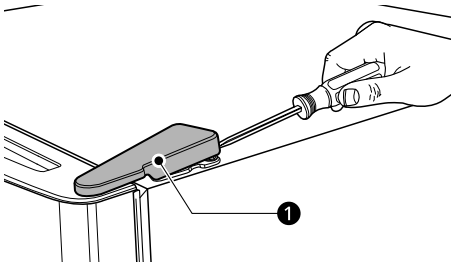
- Use two or more people to remove and install the refrigerator doors.

- Disconnect the electrical supply to the refrigerator before installing.

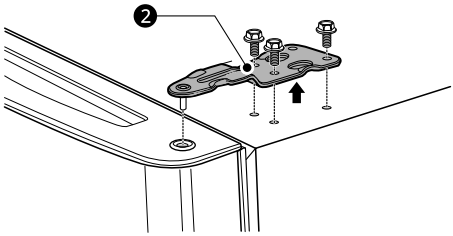
- Tools Needed
  - Flat-head screwdriver
  - Phillips screwdriver
  - Adjustable wrench
  - 1/4 in. Hex socket wrench
  - 3/8 in. Hex socket wrench
  - 10 mm Hex socket wrench
  - 1/4 in. Hex Key Wrench

Removing the Freezer Door

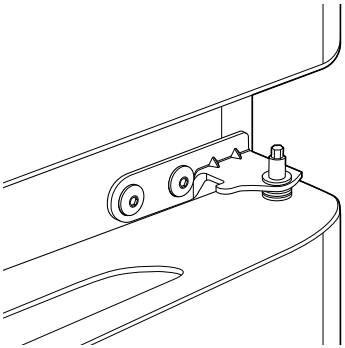
1 Gently pry off the top hinge cover ❶ with a flat-head screwdriver and remove it.



2 Using 10 mm or 3/8 inch socket wrench, remove the three bolts and lift the top hinge ❷. Set parts aside.

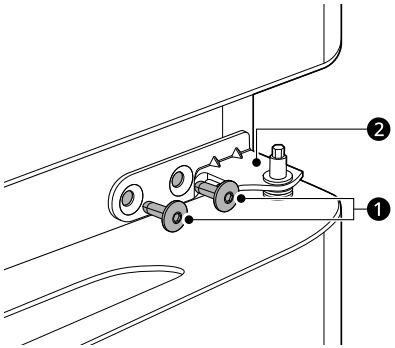


3 Lift the freezer door slightly and remove it. Set the door aside on a non-scratching surface.



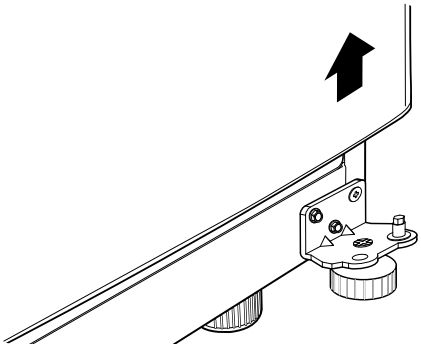
Removing the Fridge Door

1 Loosen and remove the two bolts ❶ from the middle hinge bracket ❷ and remove it from the appliance housing. Set parts aside.

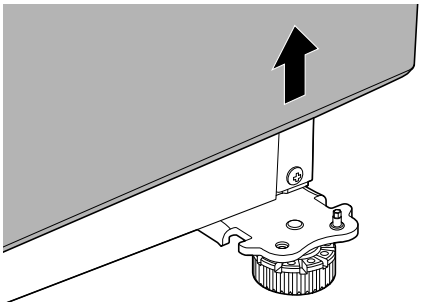


2 Lift the fridge door slightly and remove it. Set the door aside on a non-scratching surface.

- Type A



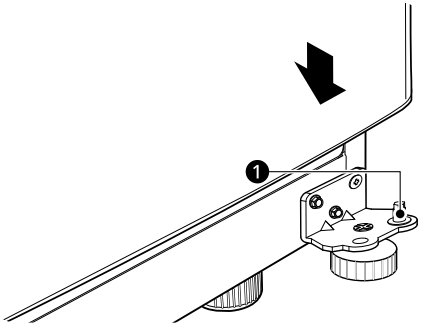
- Type B



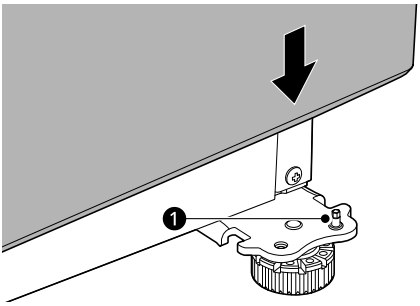
Refitting the Fridge Door

1 Set the fridge door on the bottom hinge pin ❶.

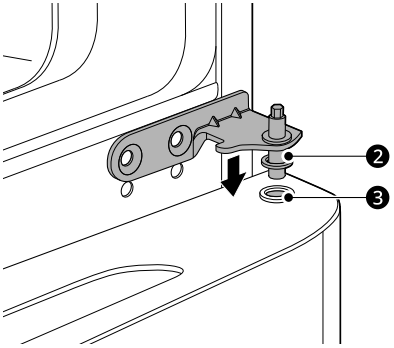
- Type A



- Type B

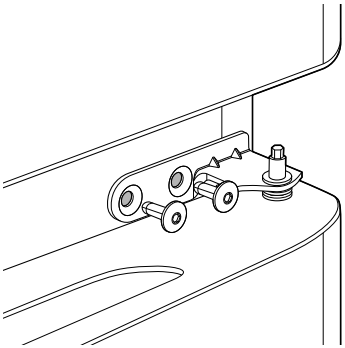


2 Place the middle hinge pin ❷ inside the hinge pin sleeve ❸ on the top of the fridge door.



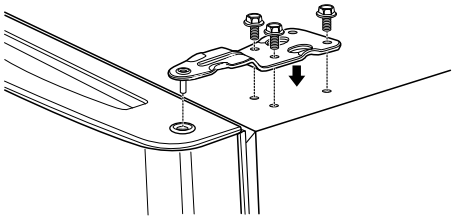
3 Hold the door in place and line up the hinge with the holes in the appliance housing.

4 Use the two bolts to reattach the middle hinge bracket to the appliance housing.

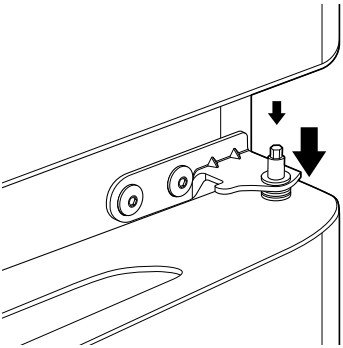


Refitting the Freezer Door

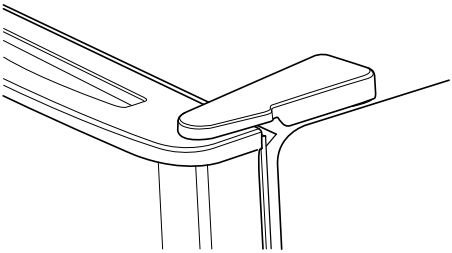
1 Place the top hinge on top of the freezer door and line up the top hinge with the holes on top of the appliance. Use the three bolts to attach the hinge.



2 Place the freezer door down over the middle hinge pin on the middle hinge bracket.



3 Force-fit the top hinge cover over the top hinge.



Reversing Doors

This feature is only available on some models.

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.

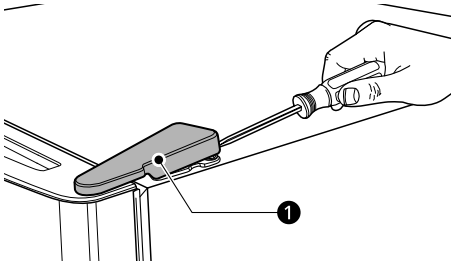
⚠ CAUTION

- 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.

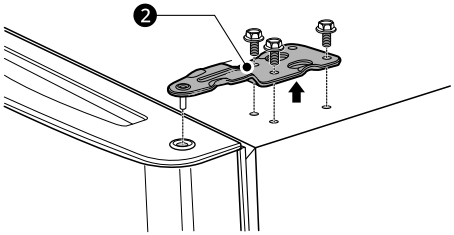
- **Tools Needed**
  - Flat-head screwdriver
  - 1/4 in. Hex socket wrench
  - 3/8 in. Hex socket wrench
  - 1/4 in. Hex key wrench
  - Adjustable wrench

Removing the Freezer Door

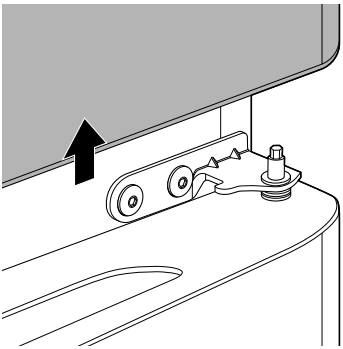
1 Gently pry off the top hinge cover ❶ with a flat-head screwdriver and remove it.



2 Use 10 mm or 3/8 inch socket wrench, remove the three bolts and lift off the top hinge ❷. Set parts aside.



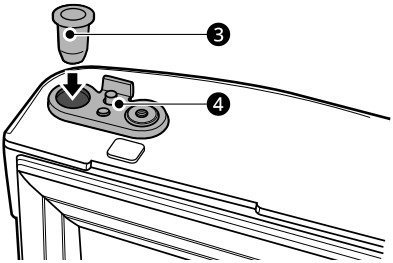
3 Lift freezer door slightly and remove it.



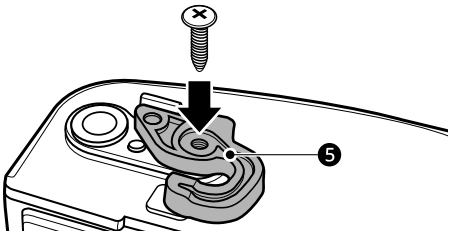
4 Turn the freezer door upside down on a non-scratching surface. Loosen the screw to remove the hinge lever and hinge pin sleeve.

5 Move the middle hinge bracket to the other side of the door, keeping the same orientation.

6 Move the hinge pin sleeve ❸ into the hole on the left side of the bracket ❹.



7 Reverse the hinge lever ❺ by flipping it over. Place it on top of the bracket and tighten both down with the screw.



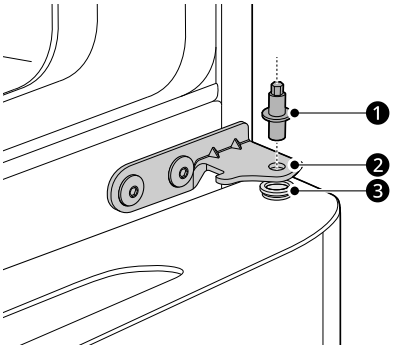
8 Set the freezer door to the side.

Removing the Fridge Door

1 Using a 1/4 in. socket wrench, loosen and remove the middle hinge pin ❶ from the middle hinge bracket ❷. Remove the washer ❸ underneath the middle hinge and set the parts aside.

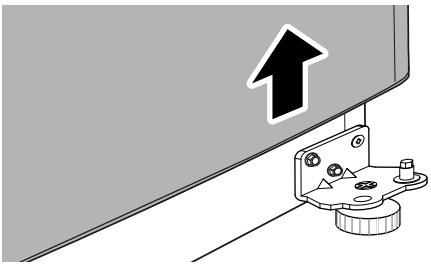
⚠ CAUTION

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

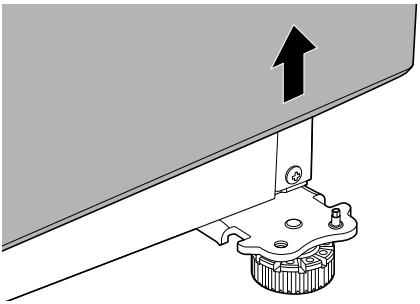


2 Slightly lift the fridge door and remove it.

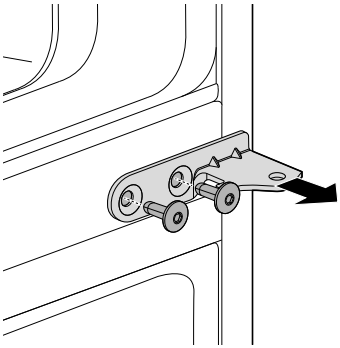
- Type A



- Type B

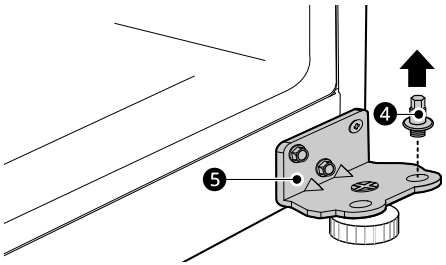


3 Loosen the 2 bolts and remove the middle hinge bracket from the appliance housing. Set the parts aside.

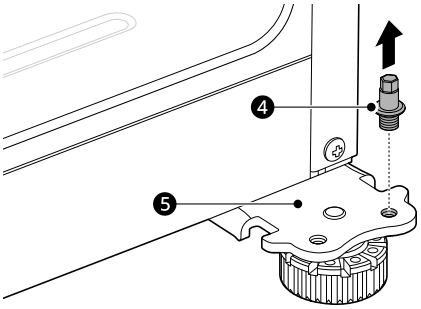


4 Using a 1/4 in. socket wrench, loosen and remove the bottom hinge pin ❹ from the bottom hinge bracket ❺. Remove the washer from the bottom hinge pin and set it aside.

- Type A

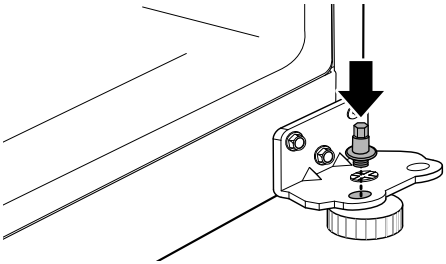


- Type B

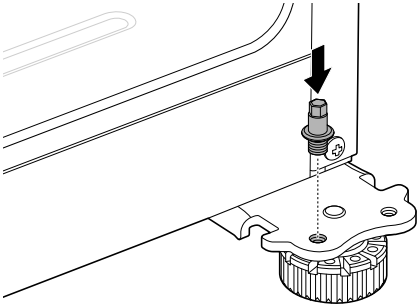


5 Reattach the bottom hinge pin to the opposite side of the bottom hinge bracket.

- Type A



- Type B

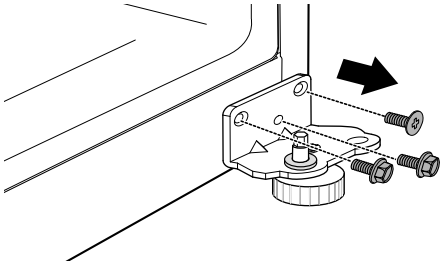


6 Using a 3/8 in. socket wrench with a 2-inch extension, loosen the 2 bolts on the bottom hinge bracket. Use a Phillips screwdriver to loosen the screw.

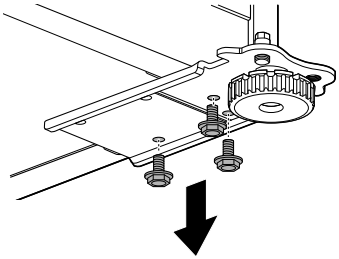
⚠ CAUTION

- Be careful that the appliance does not fall forward if the model purchased has the leveler attached to the bottom hinge bracket.

- Type A

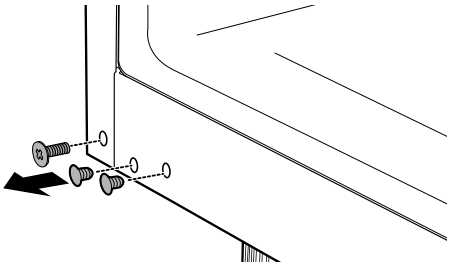


- Type B



7 Remove the bottom hinge bracket from the right side of the housing.

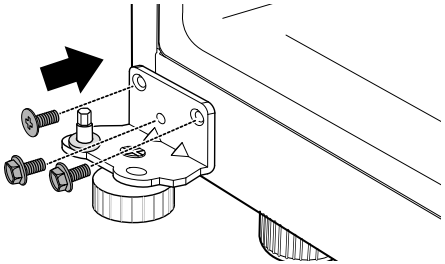
8 Remove the decorative screws on the bottom left of the appliance housing and set them aside. You will need these holes for the bottom hinge bracket.



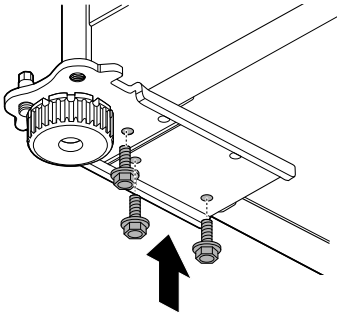
Refitting the Reversed Fridge Door

1 Move the bottom hinge bracket to the left side of the housing, keeping the same orientation, and reattach with the two bolts and one screw.

- Type A



- Type B

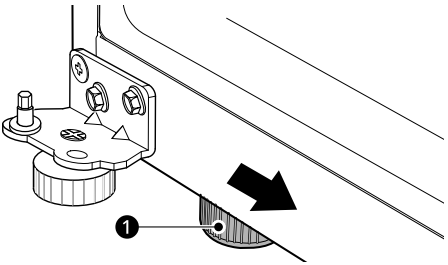


NOTE

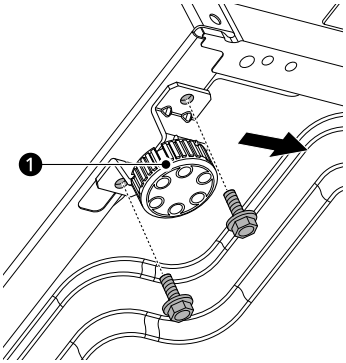
- The flat screw must be placed on the exterior side of the hinge.
- Remove the leveller before moving the bottom hinge bracket.

2 To move the leveller ❶ to the opposite side, lift the front of the appliance. Remove the leveller by turning it clockwise and attach it to the opposite side by turning it anticlockwise.

- Type A



- Type B



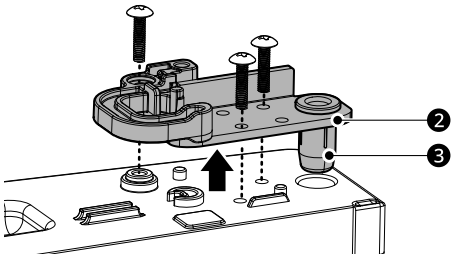
NOTE

- The leveller is only present on some models.

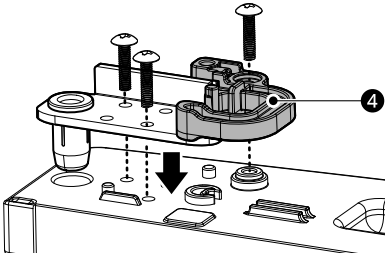
3 Move the decorative screws to the holes on the bottom right side of the housing.

4 Turn the fridge door upside down on a non-scratching surface.

5 Loosen the three screws to remove the bracket ❷ and the hinge pin sleeve ❸ .



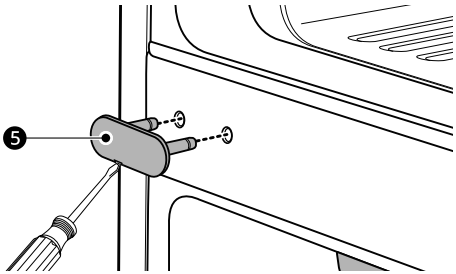
6 Move the bracket to the opposite side of the door and insert the hinge pin sleeve. Reverse the hinge lever ❹ by flipping it over. Place it on top of the bracket, and tighten both down with the screw. Then insert the remaining 2 screws to tighten the bracket to the fridge door.



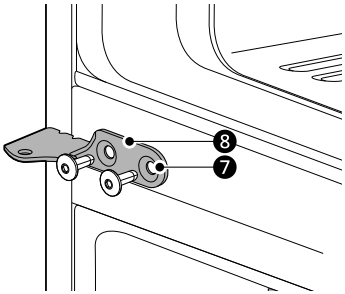
NOTE

- The hinge lever is only present on some models.

7 With a flat-head screwdriver, carefully pry off and remove the decorative cover ❺ over the screw holes on the left side of the appliance housing.

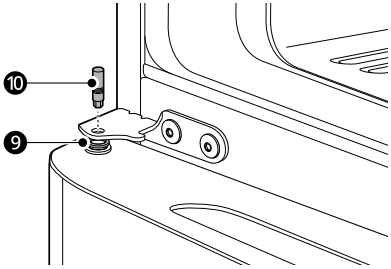


8 Flip the middle hinge bracket ❼. (The flange ❽ will now be on top.) Position it on the left side of the appliance and reattach it with two bolts.



9 Place the fridge door down over the bottom hinge pin on the bottom hinge bracket.

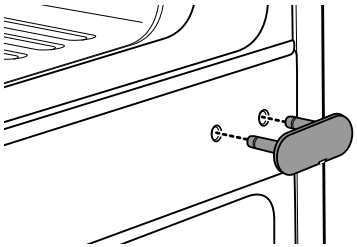
10 Place the washer ❾ between the fridge door and the middle hinge bracket and reattach the middle hinge pin ❿ to the middle hinge bracket with a 1/4 in. socket wrench.



NOTE

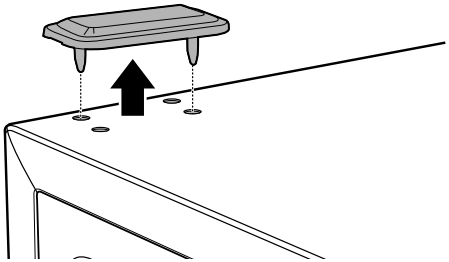
- The bracket has been flipped, but the middle hinge pin stays in the same orientation with its hexagonal end facing upward.

11 Attach the decorative cover on the right side. The cover is force-fitted.

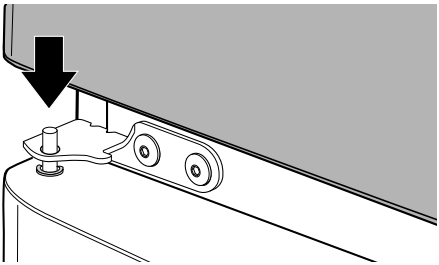


Refitting the Reversed Freezer Door

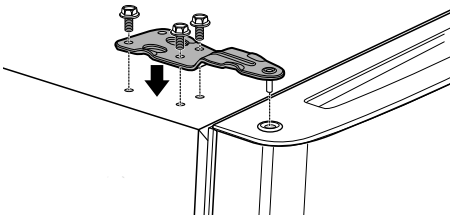
1 Pry off the decorative cover on the top left side of the appliance to uncover the screw holes.



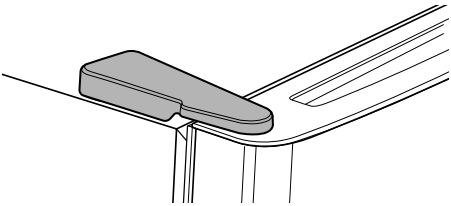
2 Place the freezer door down over the middle hinge pin on the middle hinge bracket.



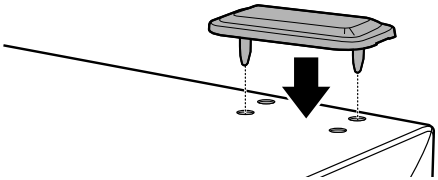
3 Place the top hinge on top of the freezer door and line up the top hinge with the holes on top of the appliance. Use the three bolts to attach the hinge.



4 Force-fit the top hinge cover over the top hinge.

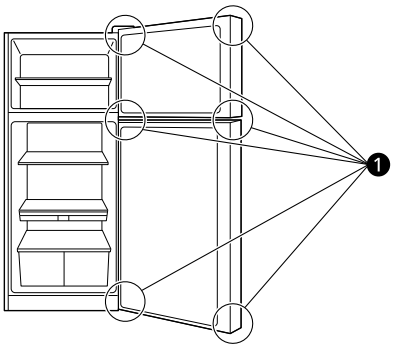


5 Insert the decorative cover on the top right of the cabinet to cover the holes. Cover is force-fitted.



NOTE

- After changing doors, make sure that the corners of the door gaskets are not folded over. To ensure a good seal, apply a small amount of silicon grease on the corners ❶ of the gaskets.



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/cm^2) is required to operate the water dispenser. If the refrigerator is installed in an area with low water pressure (below 138 kPa), you can install a booster pump to compensate for the low pressure.

If a reverse osmosis water filtration system is connected to your cold water supply, the water pressure to the reverse osmosis system needs to be a minimum of 138 kPa to 827 kPa (1.4-8.4 kgf/cm^2)

⚠ 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

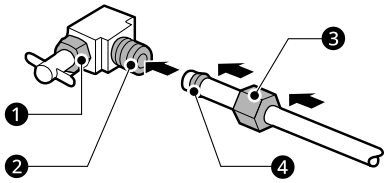
- This water line installation is not covered by the appliance warranty.

Connecting Water to the Appliance

1 Connect the tubing to the shutoff valve.

- Place the compression nut and ferrule (sleeve) onto the end of the copper tubing and connect it to the shutoff valve. If you are using PEX, the tubing may already have the required fittings at either end. Make sure the

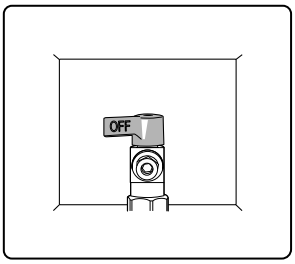
tubing is fully inserted into the valve. Tighten the compression nut securely.



1. Packing Nut
2. Shutoff Valve
3. Compression Nut
4. Ferrule (sleeve)

2 Flush out the tubing into a bucket.

- Flush out the tubing coming from the home water supply until the water is clear. Shut the water off at the water valve after about one quart of water has been flushed through the tubing.



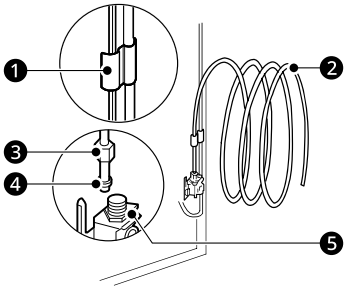
NOTE

- Before making the connection to the appliance, be sure that the appliance power cord is not plugged into the wall outlet.

3 Remove the flexible plastic cap from the water valve on the appliance.

4 Place the compression nut and ferrule (sleeve) onto the end of the tubing as shown. If you are using a PEX connection kit, it may already have the required fittings.

5 Insert the end of the copper or PEX tubing into the connection as far as possible. While holding the tubing, tighten the fitting.



1. Tubing Clamp
2. 6.35 mm (¼ in.) Tubing
3. 6.35 mm (¼ in.) Compression Nut
4. Ferrule (sleeve)
5. Appliance Connection

6 Turn the water on at the shutoff valve.

- Tighten any connections that leak.

⚠ CAUTION

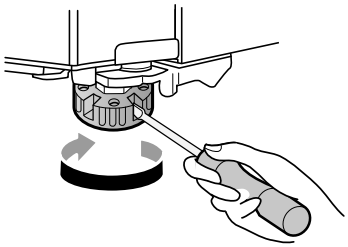
- Check to see if leaks occur at the water line connections.
- Make sure the house water valve is fully open. If it is not open completely, the icemaker and dispenser may not work properly.

Levelling the Appliance

Adjusting the Levelling Leg

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 clockwise to raise that side of the appliance or counterclockwise to lower it.



2 Open the doors and check to make sure that they close easily.

NOTE

- Leveling the doors may not be possible when the floor is not leveled, or is of weak or poor construction.
- The refrigerator is heavy and should be installed on a rigid and solid surface.
- Some timber flooring may cause levelling difficulties if it flexes excessively.

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 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.

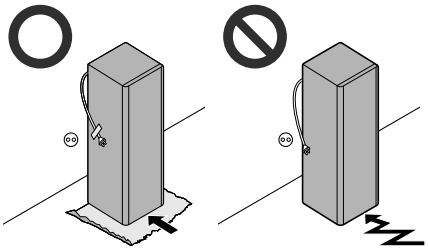
3 Tape parts such as shelves and the door handle to prevent from falling off while moving the appliance.

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.
  - 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

- Before placing food in the appliance, clean the inside and outside of the appliance with warm water and a mild washing-up liquid to remove manufacturing residues.
- 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. 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. Do not store excessive amounts of fresh food.
- Freeze food in portion-sized quantities for faster freezing, easier thawing and processing.
- 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.
  - Only take out the amount of food that you need. Consume thawed food quickly. It can only be refrozen after being cooked.
- 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.
- Do not overfill the appliance. Cold air can not circulate properly if the appliance is overfilled.
- 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.
- Always follow the food manufacturer's instructions on the permissible storage duration of frozen food. Do not exceed the recommended storage time of food.
  - Mark the storage date, permissible storage duration, and the food name on the packaging to prevent it from exceeding the storage time limit.
- 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.
  - If the power outage lasts longer, especially during the summer months, please follow these guidelines:

    - Do not place additional food into the appliance during the power outage.

    - If the power outage is announced and is expected to last for more than 10 hours, prepare some ice and put it in a container on the top shelf of the fridge.

    - Due to the temperature increase in the appliance during a power outage or other malfunction, the shelf life of the food will be reduced and its quality will decrease. If necessary, process thawed food and freeze it again in the cooked state.

Freezing the Maximum Amount of Food

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

NOTE

- Insert the icemaker in the right position.

Maximum Freezing Capacity

- For maximum freezing capacity, set the freezer temperature to the coldest temperature setting.
- To freeze food items quickly, store the food in the center of upper compartment. Food items will freeze most quickly in the zone.
- To get better air circulation, insert all inner parts like baskets, drawers, and shelves.

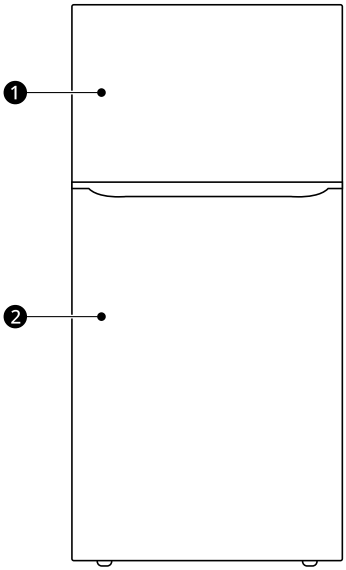
Two Star Compartment

- Two star (**) basket or drawer can be used to store ice and food from -12 °C to -18 °C for short periods.
- Two star frozen food compartments are suitable for storing pre-frozen food, storing or making icecream and making ice cubes.
- Two star compartments are not suitable for the freezing of fresh food.

Product Features

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

Exterior



❶ **Freezer**

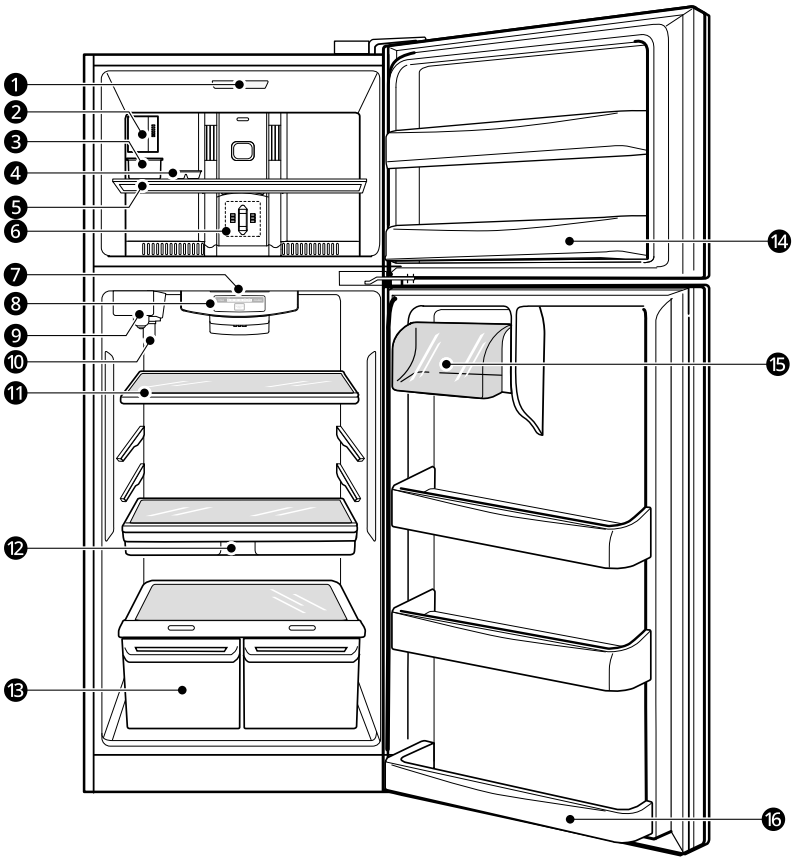
Frozen food compartment

❷ **Fridge**

Fresh food compartment

Interior

*1 This feature is only available on some models.



❶ **LED Lamp**[*1]

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

❷ **Automatic Icemaker**[*1]

Produces ice automatically.

❸ **Ice Bucket**[*1]

The ice is automatically produced by the icemaker in the freezer and stored in an ice bucket in the freezer.

❹ **Ice Tray**[*1]

Manually produces ice.

❺ **Freezer Shelf**

Stores frozen food such as meat, fish, and icecream.

❻ **Freezer Temperature Controller**

This controller regulates the air flow to the freezer compartment by setting it to a suitable balance.

❼ **LED Lamp**

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

❽ **Fridge Temperature Control Panel**

Sets the fridge temperature.

❾ **Water Dispenser**[*1]

Dispenses purified water.

❿ **Water Filter**[*1]

Purifies water.

⓫ **Fridge Shelf**

Stores refrigerated foods and fresh foods.

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

⓬ **Pantry Drawer**[*1]

Stores wide items like cakes, deli platters or fruit trays.

⓭ **Fridge Drawer**

Keeps fruits and vegetables fresh.

⓮ **Freezer Door Basket**

Stores small packages of frozen food. Do not store ice cream or food which will be stored for a long period of time.

⓯ **Dairy Basket**

Dairy Basket is specially designed for cheese, butter and condiment storage.

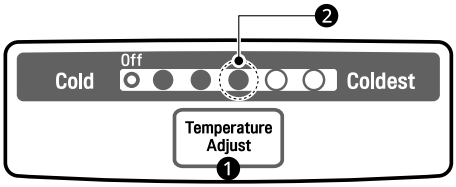
⓰ **Fridge Door Basket**

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

Control Panel

The actual control panel may differ from model to model.

Control Panel and Functions



❶ Temperature Adjust

Press this button repeatedly to select a desired temperature between **Cold** and **Coldest**.

- The default fridge temperature is ❷.
- Keep the fridge temperature setting at ❷ for 24 hours after initial installation. After 24 hours, set the desired temperature.

NOTE

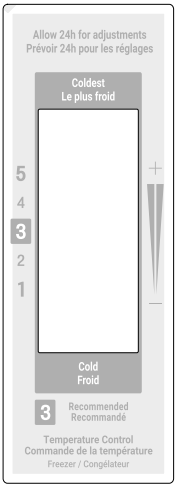
- For optimal food preservation, increasing or decreasing one level from the default temperature is recommended.
- The actual inner temperature varies depending on the food status, as the indicated setting temperature is a target temperature, not actual temperature within the appliance.

Setting the Freezer Temperature Level (1-5)

The temperature can be adjusted from level 1 to level 5. Level 3 is recommended.

- You can lower the temperature by turning the controller down and raise the temperature by turning the controller up.

- Setting the controller at level 4-5 will maintain a low temperature in the freezer.



NOTE

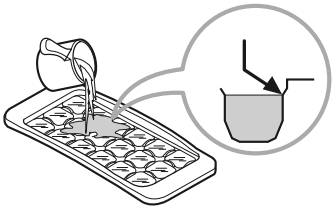
- For optimal food preservation, increasing or decreasing one level from the default temperature is recommended.
- Wait until 2 or 3 hours have passed after connecting the appliance to the outlet before storing food in the appliance.
- The internal temperatures could be affected by the location of the appliance, the ambient temperature, the frequency of door opening and so on.

Icemaker

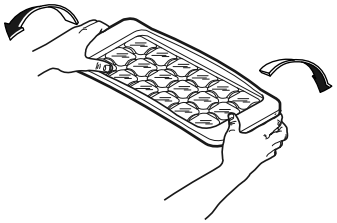
This feature is only available on some models.

Using the Ice Tray

1 Pour potable water to the level indicated in the picture. Do not overfill with water or ice cubes will be difficult to remove.

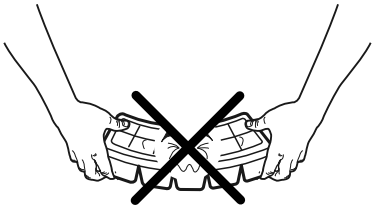


2 Twist the ice tray to remove the ice cubes.



NOTE

- Do not bend the ice tray. Doing so may damage the tray.



- To remove ice cubes easily, pour water on the back of the tray or soak it in water before removing ice cubes.

NOTE

- The icemaker begins producing ice approximately 24 hours after the appliance is initially installed.
- If the ice bucket is completely filled with ice, ice production will stop.
- The sound of ice dropping into the ice bucket is normal.
- If ice cubes are stored in the ice bucket for a long period of time, they may clump together and may not be separated easily. In such a case, empty the ice bucket and allow fresh ice to be made.

Automatic Icemaker

This feature is only available on some models.

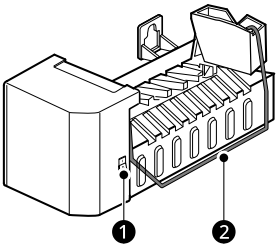
Before Using the Freezer Icemaker

⚠ CAUTION

- The first ice and water dispensed may include particles or odour from the water supply line or the water tank.
- If discolored ice is dispensed, check the water tank and the water supply for a possible source. If the problem continues, contact the LG Electronics customer information centre. Do not use the ice or water until the problem is corrected.
- Do not touch the automatic icemaker with your hand or a tool.
- Do not remove the cover of the automatic icemaker.
- Dispose of the ice inside the ice bucket if you go on vacation or if an extended power outage occurs.

Freezer Icemaker

The automatic icemaker can automatically make 64-128 cubes within a 24-hour period if conditions are favorable. This amount may vary according to the environment (ambient temperature around the appliance, frequency of the door being opened, amount of food stored in the appliance, etc.).



❶ Power Switch

❷ Feeler Arm

Turning the Automatic Icemaker On or Off

To turn the automatic icemaker On/Off, press the power switch on the icemaker to the ON (|) or OFF (O) position.

⚠ 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 will buzz as the icemaker fills with water. If the power switch is in the ON (|) position, it will buzz even if it has not yet been hooked up to water. To stop the buzzing, move the power switch to OFF (O).

NOTE

- 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

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. Set the icemaker power switch to OFF (O) and shut off the water supply to the appliance.

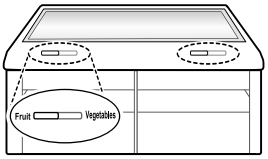
⚠ CAUTION

- The ice bucket should be emptied any time the icemaker on/off switch is turned to the OFF (O) position.

Fridge Drawer

Using the Fresh Vegetable Drawer

Keep fruits and vegetables fresh. Adjust the controller to meet individual storage needs.

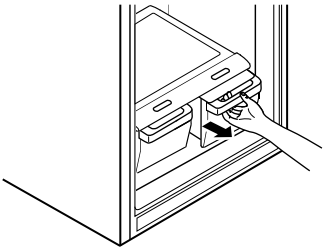


❶ For storing fruit.

❷ For storing vegetables.

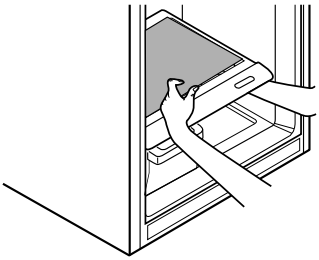
Removing/Refitting the Fridge Drawer

1 Remove the contents of the drawer. Hold the handle of the vegetable drawer and gently pull it out outward until the drawer stops completely.

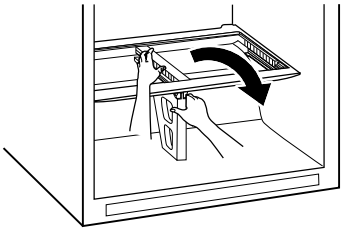


2 Lift the vegetable drawer up and remove it by pulling it out.

3 Gently lift the back of the glass shelf upwards to remove it.



4 To remove the drawer support, hold the middle support then pull it out.



5 Refit the vegetable drawer in the reverse order of the removal process.

⚠ CAUTION

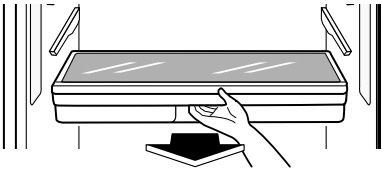
- Remove all food from inside the appliance, otherwise injuries can be caused by the weight of stored foods.

Pantry Drawer

This feature is only available on some models.

Removing/Refitting the Pantry Drawer

1 To remove, grasp the drawer handle and pull it forward to the drawer stop. Lift up and pull out.

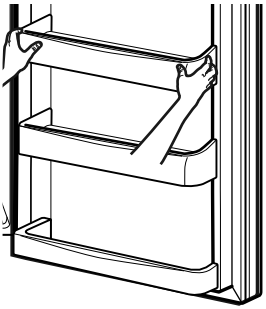


2 To refit, slide the drawer back all the way past the drawer stop.

Door Basket

Removing/Refitting the Door Basket

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

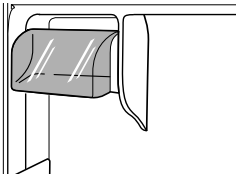


2 Refit the door basket in the reverse order of the removal process.

Dairy Basket

Removing/Refitting the Dairy Basket

1 To remove the dairy basket, simply lift up and pull out.

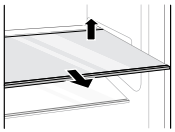


2 To replace the dairy basket, slide it in above the desired support slots and push down until it stops.

Shelf

Removing/Refitting the Shelf

1 Hold the both side of the shelf. Lift the shelf up and remove it by pulling it out.



2 Refit the shelf by sliding it inward until the shelf snaps into the frame.

SMART FUNCTIONS

LG ThinQ Application

The **LG ThinQ** application allows you to communicate with the appliance using a smartphone.

LG ThinQ Application Feature

*1 This feature is only available on some models.

Smart Diagnosis[*1]

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

NOTE

- The application is subject to change for appliance improvement purposes without notice to users.

Installing the LG ThinQ Application

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

Smart Diagnosis

This feature is only available on some models.

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 Audible Diagnosis to Diagnose Issues

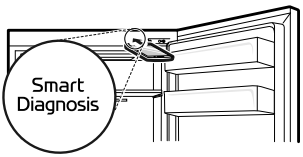
Follow the instructions below to use the audible diagnosis method.

- 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.

2 Press and hold the **Temperature Adjust** button for 3 seconds or longer.

3 If the buzzer sounds 4 times, open the freezer door and hold the phone near the speaker hole.



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

NOTE

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

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

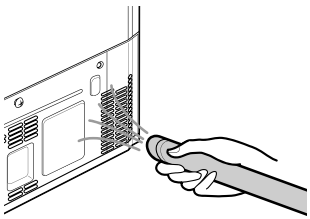
- Before removing a shelf or drawer from inside the appliance, remove all stored foods from the shelf or drawer to prevent injury or damage to the appliance. Otherwise, injury may occur due to the weight of stored foods.
- Detach the shelves and drawers and clean them with water and a mild detergent, and then dry them sufficiently, before replacing them.
- Regularly wipe the door gaskets 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

This feature is only available on some models.

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



Water Filter

This feature is only available on some models.

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 862 kPa. If your water pressure exceeds 551 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 1 °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.

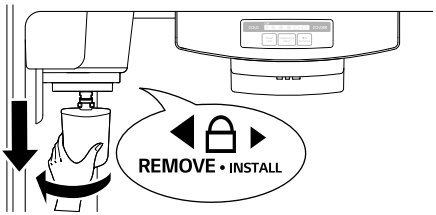
Replacing the Water Filter

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: ADQ72910906
  - Visit your local dealer or distributor or contact the LG Electronics Customer Information Centre. For further assistance, visit our website at lg.com

1 Remove the old water filter.

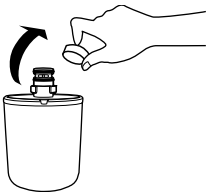
- Turn the waterfilter counterclockwise before pulling it out. Make sure to rotate the filter down completely before pulling it out of the manifold hole.



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.

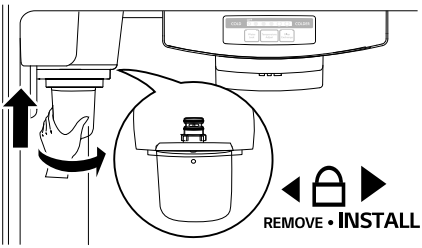
2 Remove the red cap from the new filter.



NOTE

- The substitute cap must be retained for the future. If the filter is removed and not replaced, it is necessary to reinstall the substitute cap to prevent water leaks from the filter housing.

3 Replace with a new water filter. Insert the new filter into the filter head and rotate it clockwise.



4 After the water filter is replaced, dispense about 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.

⚠ 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 - 862 kPa
- Water Temperature: 1 - 37.8 °C
- Capacity: 1892 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 '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 the appliance doors too frequently? • Condensation can form due to the temperature difference from the outside. Wipe out the dampness with a dry cloth and do not open the doors too frequently.
	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. Do not open the doors too frequently.

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 without force.
It is difficult to open the appliance door.	**Did you open the door right after you closed it?** • If you try to open the appliance door within one minute after you closed it, you may have difficulties because of the pressure inside the appliance. Try to open the appliance door again in a few minutes so that the internal pressure stabilizes.
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	**Appliance is not resting evenly on the floor.** • Floor is weak or uneven or levelling legs need to be adjusted.
	Appliance with a compressor was moved while operating. • Normal operation. If the compressor does not stop rattling after three minutes, turn the power to the appliance off and then on again.
Whooshing noises	**Evaporator fan motor is circulating air through the fridge and freezer compartments.** • Normal Operation
	Air is being forced over the condenser by the condenser fan. • Normal Operation
Gurgling noises	**Appliance flowing through the cooling system.** • Normal Operation
Popping noises	**Contraction and expansion of the inside walls due to changes in temperature.** • Normal Operation
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.

APPENDIX

Information

Support

GCC



Memo

