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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

MFL71986487
Rev.00_070226

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 can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the

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appliance. Cleaning and user maintenance shall not be made by children without supervision.

- 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.
- Children aged from 3 to 8 years are allowed to load and unload refrigerating appliances.
- 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.

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- 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.
- Transport the appliance upright only and do not tilt it.
- 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.

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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 m^2 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.

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- 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.

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.

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- 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.

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- 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.

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- 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.

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CARING FOR THE ENVIRONMENT

Disposal of Your Old Appliance



- This crossed-out wheeled bin symbol indicates that waste electrical and electronic products (WEEE) should be disposed of separately from the municipal waste stream.
- Old electrical products can contain hazardous substances so correct disposal of your old appliance will help prevent potential negative consequences for the environment and human health. Your old appliance may contain reusable parts that could be used to repair other products, and other valuable materials that can be recycled to conserve limited resources.
- You can take your appliance either to the shop where you purchased the product, or contact your local government waste office for details of your nearest authorised WEEE collection point. For the most up to date information for your country please see www.lg.com/global/recycling.

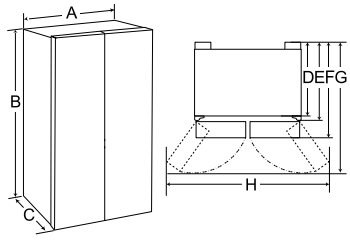
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INSTALLATION

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	910	910
B	1770	1770
C	590	730
D	504	644
E	517	657
F	590	730
G	1038	1177
H	1516	1566

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 the Fridge and Freezer Door

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

⚠ WARNING

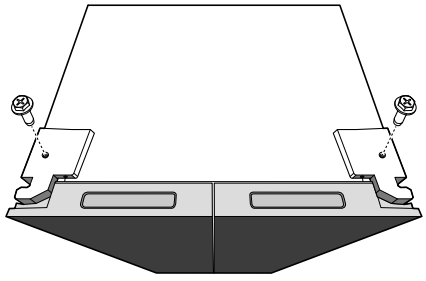
- Disconnect the power cord, house fuse or circuit breaker before installing, removing the doors, or cleaning the appliance. Failure to follow these

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instructions may result in death, fire or electric shock.

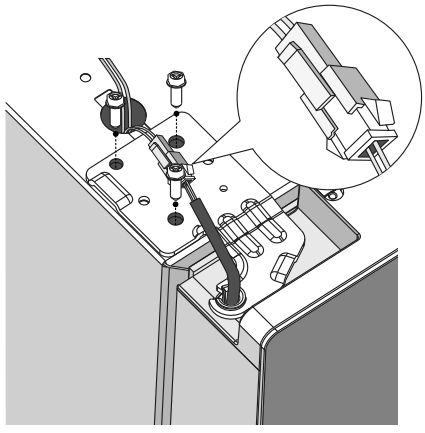
Removing the Hinge Cover

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



Removing the Freezer Door

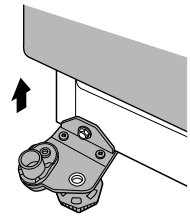
1 Disconnect all wire harnesses. Unscrew the screws.



NOTE

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

2 Lift the freezer door until it is free of the bottom hinge assembly.

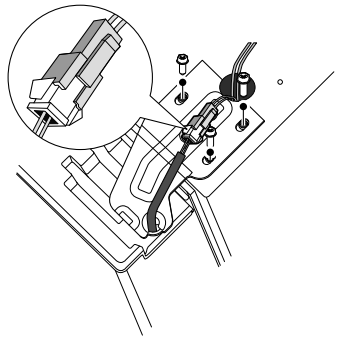


⚠ CAUTION

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

Removing the Fridge Door

1 Disconnect all wire harnesses. Unscrew the screws.

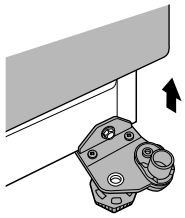


NOTE

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

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2 Lift the fridge door until it is free of the bottom hinge assembly.



⚠ CAUTION

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

Refitting the Fridge and Freezer Door

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

⚠ CAUTION

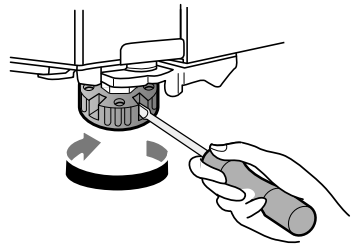
- Install the fridge door first.

Levelling and Door Alignment

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 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.

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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:

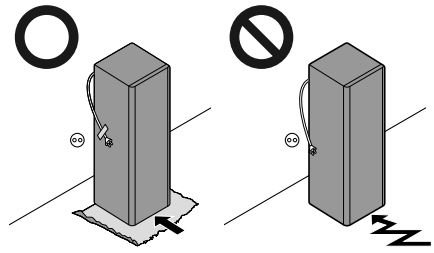
  Pull the power plug out and fix the power supply cable with a tape to the side of the appliance where the power socket is located at the installation site.

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.

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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.
- You can remove fridge/freezer drawers, water tank*1, or ice bucket*1to create more space inside the appliance if you desire.

*1 This feature is only available on some models.

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.

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- 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.

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 50 hours and automatically switches off.
- **Express Freeze** must be switched on for 24 hours before fresh products are placed in the freezer compartment.
- To freeze food items quickly, store the food on the left side of the top shelf. If you need to store more food, store it on the shelves in order starting from the top shelf. Food items will freeze most quickly in the zone.
- To get better air circulation, insert all inner parts like baskets, drawers, and shelves.

Freezing the Maximum Amount of Food

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

⚠ CAUTION

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

NOTE

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

Two Star Compartment

This feature is only available on some models.

- 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.
- The number of freezer door baskets and freezer drawers with two star sections may vary depending on the model purchased.

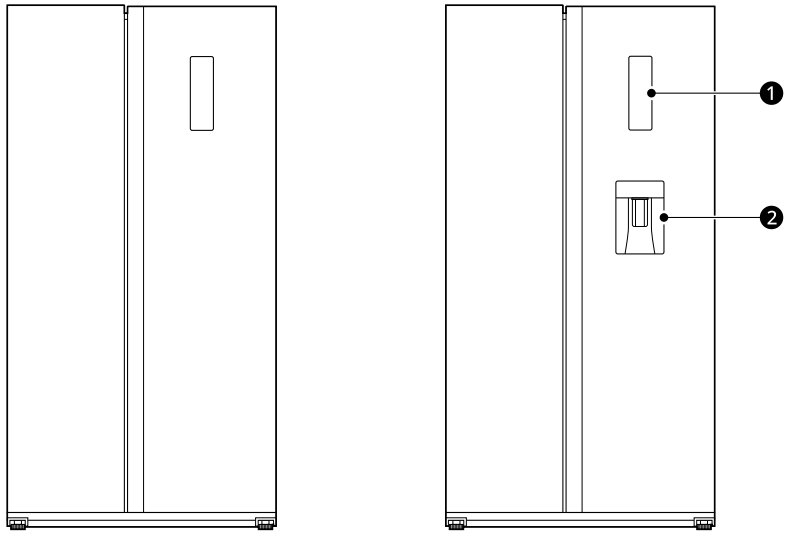
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Product Features

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

Exterior

*1 This feature is only available on some models.



❶ **Control Panel**

Sets the fridge temperature and freezer temperature.

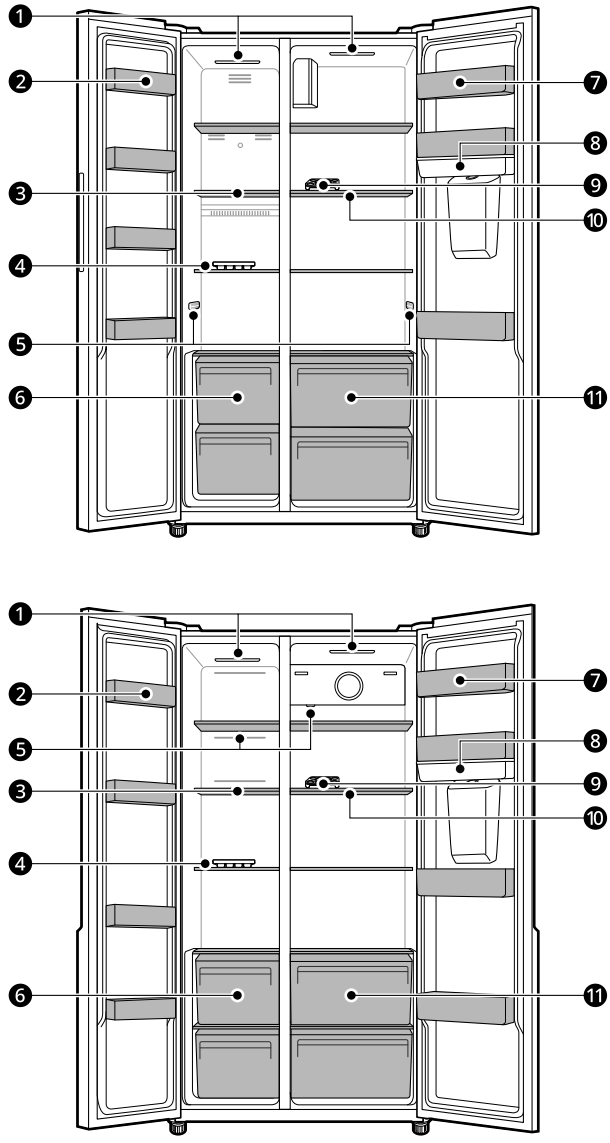
❷ **Water Dispenser**[*1]

Dispenses cold water.

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Interior

*1 This feature is only available on some models.



❶ LED Lamp

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

❷ Freezer Door Basket

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

❸ **Freezer Shelf**

Stores frozen food such as meat, fish, and ice cream.

❹ **Ice Tray**

This is where ice is manually produced.

- For more space, you can remove the ice tray.

❺ **Temperature Sensor**

This sensor senses the temperature of the fridge compartment and the freezer compartment.

- Maintain the distance between the sensor and food to accurately sense the temperature.

❻ **Freezer Drawer**

Stores frozen food for longer storage.

❼ **Fridge Door Basket**

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

❽ **Water Dispenser Tank**[*1]

Stores water to supply the dispenser. It requires manual filling.

❾ **Movable Egg Tray**

This is where eggs are stored.

- You can move it to and use it at a desired position as needed. However, do not use it as the ice bin or place it on the shelf on top of the fridge or the vegetables drawer.

❿ **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.

⓫ **Fridge Drawer**

Keeps fruits and vegetables fresh.

Control Panel

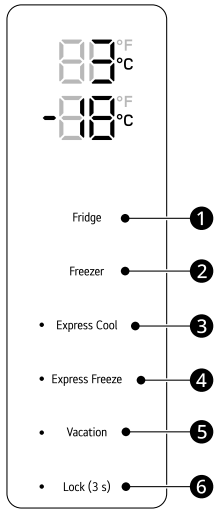
The actual control panel may differ from model to model.

Control Panel and Functions

*1 This feature is only available on some models.

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Type A



❶ Fridge

Press this button repeatedly to select a desired temperature between 2 ℃ and 8 ℃.

- The default fridge temperature is 5 ℃.

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.

❷ Freezer

Press this button repeatedly to select a desired temperature between -22 ℃ and -14 ℃.

- The default freezer temperature is -18 ℃.

❸ Express Cool

This function can quickly cool a large amount of foods such as vegetable, fruit and so on.

- This function is enabled and disabled in turn each time you press the button.
- This function automatically shuts off after 2.5 hours.

❹ Express Freeze

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

- Press the **Express Freeze** button to activate the function for 50 hours. The function automatically shuts off after 50 hours.
- This function is enabled and disabled in turn each time you press the button.
- This function automatically terminates after a specific period has passed.

❺ Vacation

- Press the **Vacation** button to choose the vacation mode. The vacation icon lights up after flashing for 5 seconds to enter the vacation mode.
- The temperature of the vacation mode is fixed at 17 ℃ in the fridge, the **Fridge** button is inactive, and the vacation icon will flash three times as an alarm.
- The temperature of the freezer is adjusted freely.
- Press the **Vacation** button to exit the vacation mode, then after 5 seconds enter the selected mode.

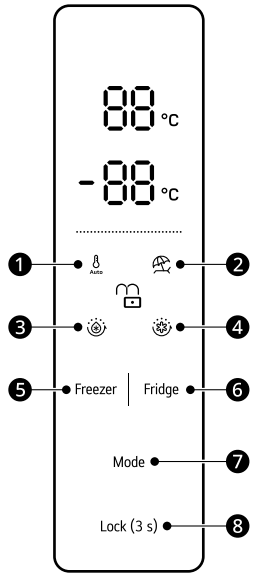
❻ Lock

This locks the buttons on the control panel.

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

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Type B



❶ Auto (Auto Adjust)

You can use this mode when you do not need a high degree of cooling, such as going on vacation. When activated, this mode adjusts the temperature of the fridge and freezer sections according to the ambient temperature to optimize energy consumption.

- Press the **Mode** button to choose the **Auto** (Auto Adjust) mode. The **Auto** (Auto Adjust) icon lights up after flashing for 5 seconds to enter the **Auto** (Auto Adjust) mode.
- The **Fridge** and **Freezer** buttons will not work in the **Auto** (Auto Adjust) mode.
- Press the **Mode** button to exit the **Auto** (Auto Adjust) mode.
- The temperature of the fridge and freezer is set according to the following guidelines.

Ambient	Recommended		With Auto (Auto Adjust) Mode	
	Fridge	Freezer	Fridge	Freezer
T≤13 ℃	4 ℃	-18 ℃	3 ℃	-18 ℃
13 ℃<T≤20 ℃			4 ℃	-18 ℃
20 ℃<T≤27 ℃			5 ℃	-18 ℃
27 ℃<T≤34 ℃			6 ℃	-16 ℃
T>34 ℃			8 ℃	-15 ℃

❷ Vacation

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- Press the **Vacation** button to choose the vacation mode. The vacation icon lights up after flashing for 5 seconds to enter the vacation mode.
- The temperature of the vacation mode is fixed at 17 ℃ in the fridge, the **Fridge** button is inactive, and the vacation icon will flash three times as an alarm.
- The temperature of the freezer is adjusted freely.
- Press the **Vacation** button to exit the vacation mode, then after 5 seconds enter the selected mode.

❸ **Express Cool**

This function can quickly cool a large amount of foods such as vegetable, fruit and so on.

- This function is enabled and disabled in turn each time you press the button.
- This function automatically shuts off after 2.5 hours.

❹ **Express Freeze**

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

- Press the **Express Freeze** button to activate the function for 50 hours. The function automatically shuts off after 50 hours.
- This function is enabled and disabled in turn each time you press the button.
- This function automatically terminates after a specific period has passed.

❺ **Freezer**

Press this button repeatedly to select a desired temperature between -22 ℃ and -14 ℃.

- The default freezer temperature is -18 ℃.

❻ **Fridge**

Press this button repeatedly to select a desired temperature between 2 ℃ and 8 ℃.

- The default fridge temperature is 5 ℃.

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.

❼ **Mode**

You can select the **Auto** (Auto Adjust) mode, vacation mode, super freeze mode and user defined mode by pressing this button consecutively. A 5-second flash confirms the selection.

❽ **Lock**

This locks the buttons on the control panel.

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

NOTE

- The displayed temperature is the target temperature, and not the actual temperature inside the appliance.

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- 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.

Water Dispenser

This feature is only available on some models.

Before Using the Water Dispenser

⚠ CAUTION

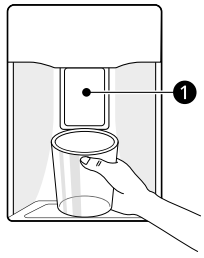
- Keep children away from the dispenser to prevent children playing with or damaging the controls.
- If water dispenses unexpectedly, turn off the water supply and contact an LG Electronics Customer Information Centre.

NOTE

- The first water dispensed may include particles or odour from the water supply line or the water tank. This is also necessary if the appliance has not been used for a long time.
- If the cup rim is small, water may splash out of the glass or miss it completely.
- Use a cup with a rim of over 68 mm in diameter when dispensing water.

Using the Water Dispenser

Press the dispenser paddle ❶ with a glass or other container to dispense water.

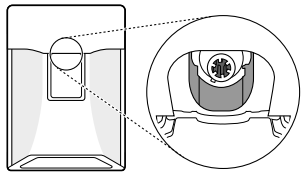


Some dripping may occur after dispensing if the water in the water tank is below the minimum level.

- Hold a cup beneath the dispenser for a few seconds after dispensing to catch all of the drops.
- Make sure to keep enough water in the water tank above the minimum level.
- Wipe up any spilled water nearby with a clean cloth.

Cleaning the Water Outlet

Wipe the water outlet frequently with a clean, lint free cloth as it may get dirty easily.



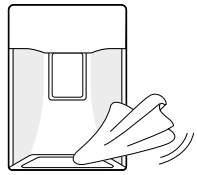
NOTE

- Lint from a cloth may adhere to the outlets.

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Cleaning the Dispenser Tray

Wipe the entire area with a damp cloth. The dispenser tray may become wet easily due to spilled water. Water or ice spillages must be dried immediately with a dry cloth or paper towel to maintain the integrity of the door finish.

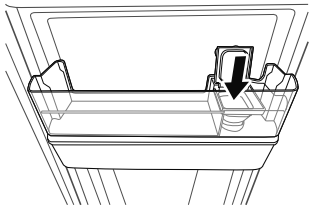


Filling the Water Tank with Water

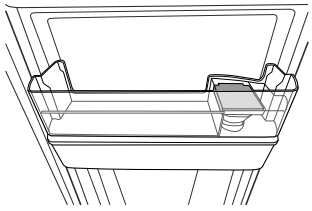
This feature is only available on some models.

Filling the Water Tank

1 Open the water tank cap and fill the tank with potable water.



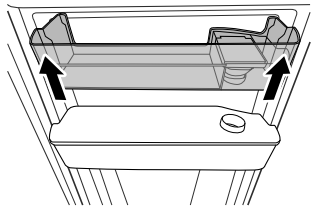
2 Close the water tank cap.



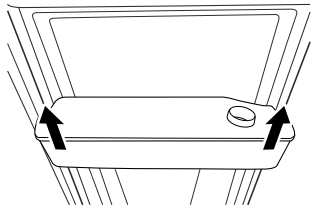
Cleaning the Water Tank

Clean water tanks if they have not been used for 48 hours.

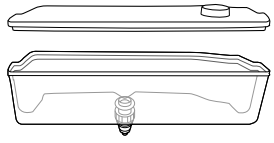
1 Hold both sides of the upper basket and lift it upwards.



2 Hold both sides of the water tank and lift it upwards.



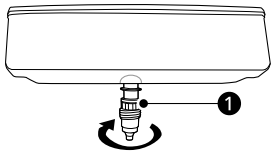
3 Remove the water tank cover.



4 Empty the water tank.

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5 Remove the water valve ❶ in the water tank by turning it clockwise.



6 Clean the water tank and the water valve in running water. Wipe the inside and outside of the water tank and the fridge door with a clean cloth.

7 Mount the water tank in the reverse order of the removal process.

⚠ WARNING

- Fill with potable water only.
- Do not fill the water tank with drinks other than water and never fill with hot water.

⚠ CAUTION

- Do not apply excessive force or impact when removing or assembling the water tank. Doing so can cause appliance damage or injury.
- Children should not be allowed near the tank.

NOTE

- Before using the water tank after installing the appliance, it should be washed before filling it with water.
- Check if the water tank has been placed on the appliance correctly. If it is not assembled correctly, water may leak from the tank into the appliance.
- If there is no water in the water tank, the cold water dispensing function of the cannot be used. Check if there is water in the water tank and then fill it with water if there is not.

Drawer

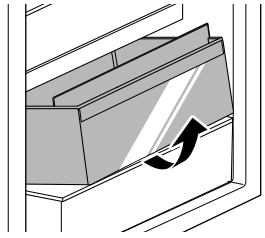
⚠ CAUTION

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

Removing/Refitting Drawers

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

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



3 Refit the drawer in the reverse order of the removal process.

Shelf

⚠ CAUTION

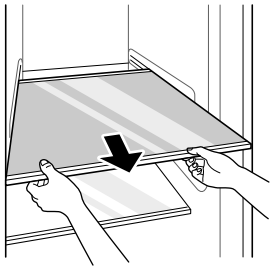
- Glass shelves are heavy. Use special care when removing them.
- Do not clean glass shelves with warm water while they are cold. Shelves may break if exposed to sudden temperature changes or impact.

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Removing/Refitting the Shelf

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

2 Pull the shelf out.



3 Mount the shelves in the reverse order of the removal process.

⚠ CAUTION

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

Icemaker

Before Using the Icemaker

⚠ WARNING

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

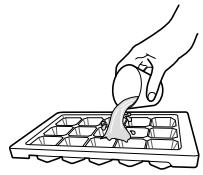
NOTE

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

Using the Ice Tray

This is where ice is manually produced. You can remove the ice tray if you do not use it to create more space inside the freezer.

1 Fill the ice tray with potable water and place it in the freezer.



2 After the water is frozen, hold the ice tray at its ends and twist gently.



⚠ CAUTION

- Be careful not to twist the ice tray with force as it can be broken.
- If you open and close the freezer door frequently, it may take longer for water to be frozen.

NOTE

- If the ice tray is overfilled, the ice cubes may stick together and be difficult to remove.

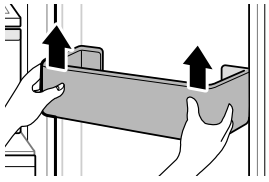
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- Ice can be removed more easily by pouring water on the ice tray.

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 baskets in the reverse order of the removal process.

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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.

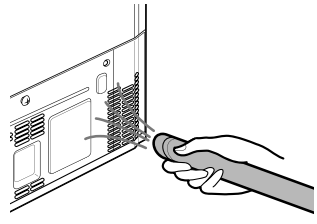
Cleaning the Interior

- 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.



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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.

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

Condensation & Frost

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

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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.
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.

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Noises

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

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

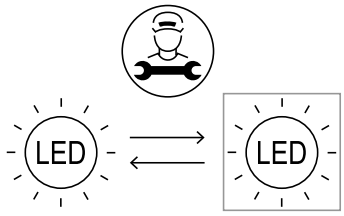
Customer Care and Service

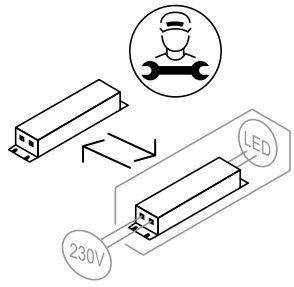
Contact an LG Electronics customer information centre.

- To find information on LG authorized service centre, visit our website at www.lg.com.
- Only qualified service personnel from LG authorized service centre should disassemble, repair, or modify the appliance.
- The minimum warranty period of this refrigerating appliance is 24 months.
- Spare parts referenced in Regulation EU 2019/2019 are available for 7 years (only door gaskets are available for 10 years).
- To purchase spare parts, contact an LG Electronics customer information centre or our website at www.lg.com.

NOTE

- Regulation EU 2019/2019, valid from 1st March 2021, is related to the Energy Efficiency classes by Regulation EU 2019/2016.
- For more information about the energy efficiency of the appliance, visit https://eprel.ec.europa.eu and search using the model name (valid from 1st March 2021).
- Scan the QR code on the energy label supplied with the appliance, which provides a web link to the information related to the performance of the appliance in the EU EPREL database. Keep the energy label for reference and all other documents supplied with the appliance (valid from 1st March 2021).
- The model name can be found on the rating label of the appliance.
- This product contains a light source of energy efficiency class G.





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