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## OWNER'S MANUAL

# FRIDGE & FREEZER

---



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

**ENGLISH**



MFL71986426  
Rev.00\_062723

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# TABLE OF CONTENTS

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.

## SAFETY INSTRUCTIONS

READ ALL INSTRUCTIONS BEFORE USE..... 3  
WARNING ..... 3  
CAUTION ..... 9  
CARING FOR THE ENVIRONMENT ..... 11

## INSTALLATION

Before Installation ..... 12  
Levelling the Appliance ..... 13  
Turning on the Power..... 13  
Moving the Appliance for Relocation ..... 13

## OPERATION

Before Use ..... 15  
Product Features..... 18  
Control Panel ..... 22  
Water Dispenser..... 23  
Icemaker ..... 25  
Fridge Drawer ..... 25  
Door Basket ..... 25  
Shelf ..... 26  
Freezer Drawer ..... 26

## MAINTENANCE

Cleaning ..... 27

## TROUBLESHOOTING

Before Calling for Service..... 28

# 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

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 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, do not use the power cord and contact an authorized service centre.

- Do not locate multiple portable outlet sockets 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.

### **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<sup>2</sup> 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 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.
- This appliance does not require changes in installation or use based on altitude.

## Operation

- Do not touch frozen food or the metal parts in the freezer compartment with wet or damp hands. It may cause frostbite.
- Do not place glass containers, bottles or cans (especially those containing carbonated drinks) in the freezer compartment, shelves or ice bin that will be exposed to temperatures below freezing. 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 bin in the freezer compartment during an extended power outage.

## CARING FOR THE ENVIRONMENT

### Disposal of Your Old Appliance



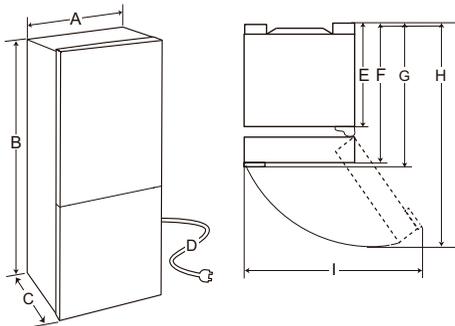
- This crossed-out wheeled bin symbol indicates that waste electrical and electronic products (WEEE) should be disposed of separately from the municipal waste stream.
- Old electrical products can contain hazardous substances so correct disposal of your old appliance will help prevent potential negative 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](http://www.lg.com/global/recycling).

# 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 from each adjacent wall when installing the appliance.



	Size (mm)	
	GBM21HSAD H	GBM22HSAD H
A	595	595
B	1860	2004
C	590	590
D	2000	2000
E	525	525
F	590	590
G	-	-
H	1140	1140
I	832	832

### NOTE

- Refer to the label inside the appliance to determine which type your appliance is.

- The measurements in the table above are approximate.

### Ambient Temperature

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

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

\* Australia, India, Kenya

\*\* Argentina

### NOTE

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

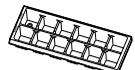
### Accessories



1



2



3

- ① Door Stopper
- ② Egg Tray
- ③ Ice Tray

- 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.

## 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.

### NOTE

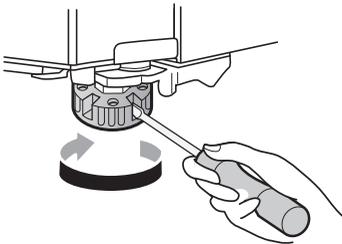
- Reversing the doors must be performed by the qualified personnel of LG Electronics. If not, the doors will not be covered by the warranty.

## 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.

## 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, press the **Power** button for 3 seconds.

## Moving the Appliance for Relocation

### Moving the Appliance

- 1 Remove all food from inside the appliance.
- 2 Pull the power plug out, insert and fix it into the power plug hook at the rear or on top of the appliance.
- 3 Tape parts such as shelves and the door handle to prevent from falling off while moving the appliance.
- 4 Move the appliance with more than two people carefully. When transporting the appliance

## 14 INSTALLATION

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over a long distance, keep the appliance upright.

- 5** After installing the appliance, connect the power plug into a mains outlet socket and switch it on.

# OPERATION

## Before Use

### Notes for Operation

- 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

The alarm sounds 3 times in 60 second intervals if the door is left open or not completely closed for 2 minutes.

The alarm will stop automatically after 8 minutes.

#### NOTE

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

### Failure Detection

If the indicator on the display panel flashes once per second within 30 seconds of the refrigerator

being turned on, it indicates that a malfunction has occurred.

### Suggestion for Energy Saving

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

### Storing Foods Effectively

- Food may freeze or spoil if stored at the wrong temperature. Set the refrigerator to the correct temperature for the food being stored.
- Store frozen food or refrigerated food inside sealed containers.
- Check the expiration date and label (storage instructions) before storing food in the appliance.
- Do not store food for a long period of time if it spoils easily at a low temperature.
- Do not place unfrozen food in direct contact with food that is already frozen. Do not store excessive amounts of fresh food.
  - If you want to freeze food over several days, only store up to about 2/3 of the maximum freezing capacity.
- 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.

### 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 52 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 in the middle drawer of the freezer. Food items will freeze most quickly in the drawer.
- 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, the freezer drawers shall be taken out of the appliance (except the bottom drawer) and the food shall be stacked directly on the bottom drawer.

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### 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.
-

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**NOTE**

- To get better air circulation, insert all drawers.
  - The shape of each drawer may be different, insert in the right position.
-

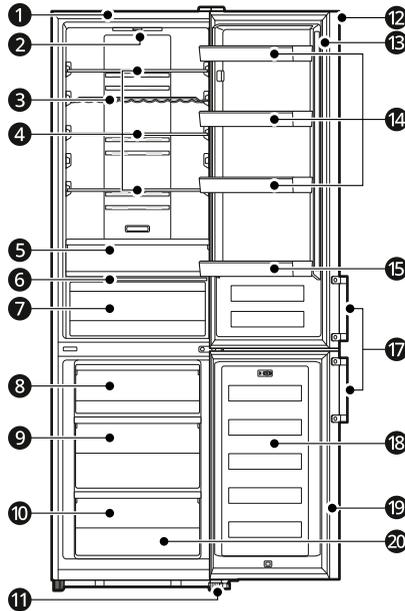
## Product Features

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

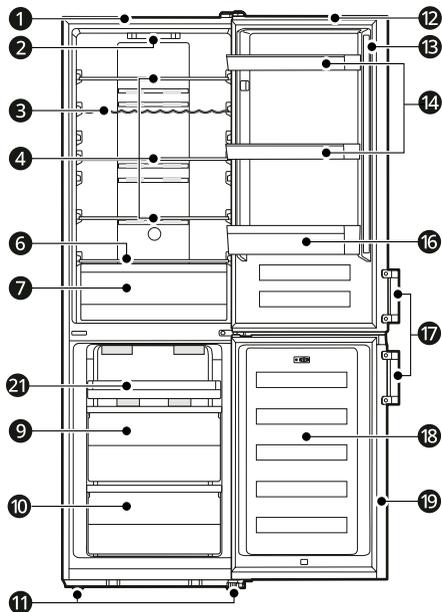
### Interior

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

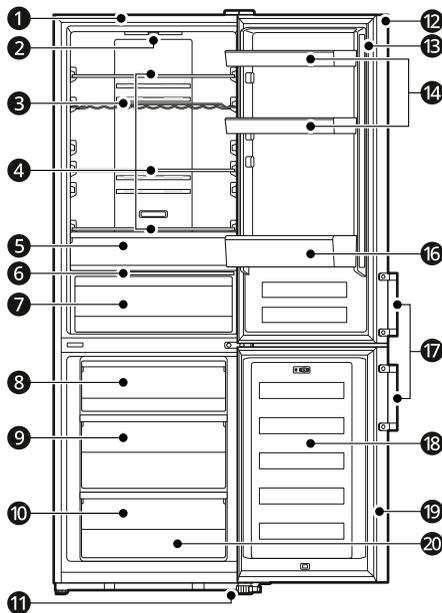
#### Type 1



Type 2



Type 3



### ① Cabinet

### ② LED Lamp

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

### ③ Wine Rack

Stores bottled wine or drinks. It can be taken out to clean.

### ④ 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.

### ⑤ Upper Crisper\*<sup>1</sup>

Stores fruits and vegetables to keep fresh.

In this drawer you can get a lower temperature to store fish, meat and other erodible food.

### ⑥ Crisper Cover

It is for controlling the humidity of the crisper and avoiding the vegetable losing moisture.

You can adjust the slide bar on the crisper cover to keep different humidity in the crisper.

Push the slide bar to the left to keep a higher humidity which can store vegetables and fruit long and fresh and to the right to keep lower humidity.

### ⑦ Crisper

Stores fruits and vegetables to keep fresh.

### ⑧ Upper Drawer\*<sup>1</sup>

### ⑨ Middle Drawer

Stores frozen food for longer storage.

### ⑩ Lower Drawer

Stores frozen food for longer storage.

### ⑪ Adjustable Feet

### ⑫ Refrigerator Door

### ⑬ Refrigerator Door Gasket

### ⑭ Upper Door Basket

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

### ⑮ Middle Door Basket\*<sup>1</sup>

### ⑯ Lower Door Basket\*<sup>1</sup>

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

### ⑰ Handle

### ⑱ Freezer Door

### ⑲ Freezer Door Gasket

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20 Accessories \*1

21 Tray \*1

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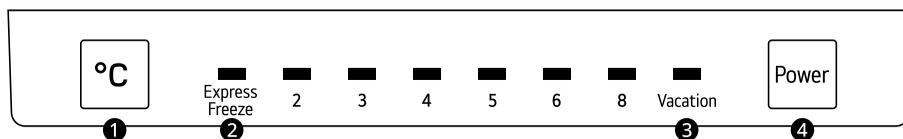
## NOTE

- Due to unceasing modification of our products, some parts of your refrigerator may be slightly different from this instruction manual, but its functions and using methods remain the same.
  - To get more space in the freezer, you can remove drawers (except the bottom drawer in freezer). To get the best energy of this product, place all shelves and drawers on their original position as the illustration above.
-

## Control Panel

The actual control panel may differ from model to model.

### Control Panel and Functions



#### ① Temperature Adjustment Button

Press the button ① repeatedly to select a desired temperature between 2 °C and 8 °C.

The display panel will display corresponding values according to the following sequence.

- 8 °C → 6 °C → 5 °C → 4 °C → 3 °C → 2 °C → **Vacation** → 8 °C.

### NOTE

- When the **Vacation** ③ icon is lighted, the vacation mode is activated. Check the **Vacation** ③ mode instruction.
- For optimal food preservation, increasing or decreasing 1 °C from the default temperature is recommended.

#### ② Express Freeze

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

Press the **Temperature Adjustment** ① button for 3 seconds to get into the Express Freeze mode.

- When Express freeze Mode is selected, the light will be illuminated and the freezer temperature will be set at -24 °C.
- Express freeze automatically switches off after 52 hours and then the freezer temperature setting will revert back to the previous setting.

#### ③ Vacation

If you are going to be away for a long period of time, press the **Temperature Adjustment** button ① repeatedly until the Vacation icon is illuminated.

- When Vacation Mode is activated, the light will be illuminated. The freezer temperature will be set at -18 °C and the fridge temperature will be set at 15 °C.

### ⚠ CAUTION

- Do not store any food in the fridge during this time.

#### ④ Power

The POWER button stops cooling air.

Press and hold the POWER button for 3 seconds to stop the cooling function. When the function is stopped, the display is off. Use this function for service or extended vacations.

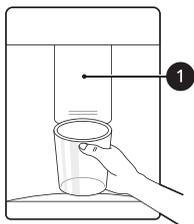
## Water Dispenser

This feature is only available on some models.

### Using the Dispenser

You can dispense water by pressing the lever.

- Press the paddle ❶ of the water dispenser to get cold water.



### ⚠ CAUTION

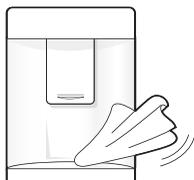
- Keep children away from the dispenser to prevent children playing with or damaging the controls.
- Do not use a thin crystal cup or chinaware when dispensing water or ice.

### NOTE

- If the cup rim is small, water may splash out of the glass or miss it completely.

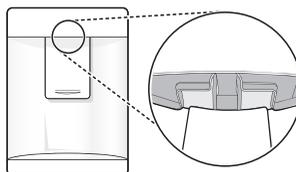
### Cleaning the Dispenser Tray

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



### Cleaning the Dispenser Outlet

Wipe the dispenser outlet frequently with a clean cloth as it may get dirty easily.

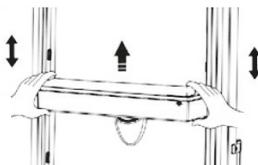


### NOTE

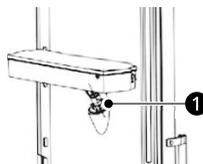
- Lint from a cloth may adhere to the outlet.

### Removing/Refitting the Water Dispenser

- 1 Take out the middle door basket.
- 2 Hold the two sides of the water tank tightly, then pull up the water tank by shaking up and down.



- 3 Unscrew the head ❶, then clean it and the inside of water tank.



- 4 Insert the head into the hole.

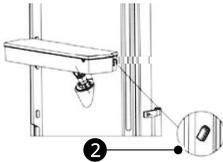
### ⚠ CAUTION

- Be careful not to press on the head.
- When fitting the water tank, ensure that the head is inserted into the hole first.

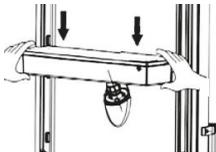
### NOTE

- Before assembling, drain the water inside the tank, and check whether the washer is reversed or not.

- 5** Fit the tank along the guides **2** on the door.



- 6** Press down two sides of the tank.



### NOTE

- When you hear a click sound, that means the installation is completed.

## Filling the Water Tank

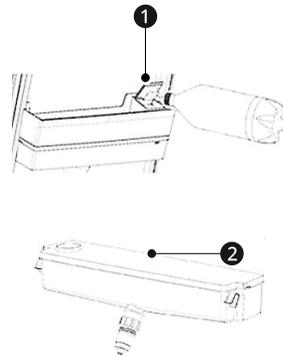
The water tank holds the water which is to be dispensed.

Before you fill the potable water into the water tank, ensure that the water tank is steady and in a correct position.

### ⚠ CAUTION

- Fill with water up to 3L (which is suggested), and not above the level. Otherwise, it may overflow when the lid is closed.
- Don't touch other parts of the appliance when filling water, it may cause the water leakage.

- 1** Open the small lid **1** by rotating it, and fill water from the inlet of the large lid **2**. Remember to rotate the small lid back to its original position when you finish filling water.



### ⚠ WARNING

- Fill with potable water only. Do not fill the water tank with beverages or hot water.
- Children should not be allowed near the water tank.

### ⚠ CAUTION

- Do not apply excessive force or impact when removing or assembling the water tank.
- If water does not come out, fill the water tank with potable water.

### NOTE

- The water tank should be washed before filling it with potable water.

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

## Icemaker

This feature is only available on some models.

### Using the Ice Tray

This is where ice is manually produced. Fill the ice tray with water up to the marked water line.



### ⚠ WARNING

- Fill with potable water only.

### ⚠ 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.

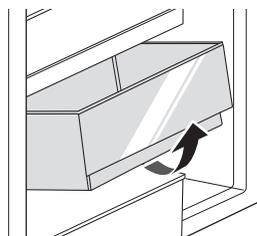
### NOTE

- If the ice tray is overfilled, the ice cubes may stick together and be difficult to remove.
- Ice can be removed more easily by pouring water on the ice tray.

## Fridge Drawer

### Removing/Refitting the Fridge Drawer

- 1 Remove the contents of the drawer. Hold the handle of the drawer and pull it out completely until it stops.
- 2 Lift the drawer up and remove it by pulling it out.

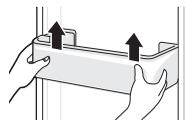


- 3 Refit the drawer in the reverse order of the removal process.

## Door Basket

### Removing/Refitting the Door Basket

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

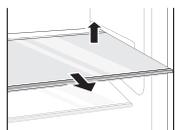


- 2 Refit the door basket in the reverse order of the removal process.

### Shelf

#### Removing/Refitting the Shelf

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



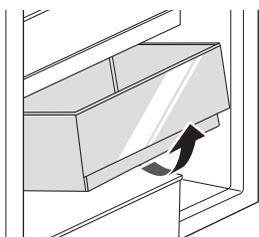
- 2 Refit the shelf by sliding it inward until the shelf snaps into the frame.

### Freezer Drawer

#### Removing/Refitting the Freezer Drawer

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

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



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

# 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

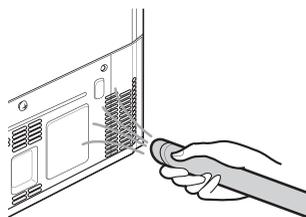
- Before removing a shelf or drawer from inside the appliance, remove all stored foods from the shelf or drawer to prevent injury or damage to the appliance. Otherwise, injury may occur due to the weight of stored foods.
- Detach the shelves and drawers and clean them with water and a mild detergent,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



# TROUBLESHOOTING

## Before Calling for Service

### Cooling

Symptoms	Possible Cause & Solution
There is no refrigeration or freezing.	<b>Is there a power interruption?</b> <ul style="list-style-type: none"> <li>Check the power of other appliances.</li> </ul>
	<b>Appliance is unplugged.</b> <ul style="list-style-type: none"> <li>Plug the power plug in the outlet properly.</li> </ul>
	<b>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.</b> <ul style="list-style-type: none"> <li>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.</li> <li>Reset the circuit breaker on the GFCI. If the problem persists, contact an electrician.</li> </ul>
There is poor refrigeration or freezing.	<b>Is the fridge or freezer temperature set to its warmest setting?</b> <ul style="list-style-type: none"> <li>Set the fridge or freezer temperature to a colder setting.</li> </ul>
	<b>Is the appliance in direct sunlight, or is it near a heat generating object such as cooking oven or heater?</b> <ul style="list-style-type: none"> <li>Check the installation area and reinstall it away from heat generating objects.</li> </ul>
	<b>Did you store hot food without cooling it first?</b> <ul style="list-style-type: none"> <li>Cool the hot food first before putting it in the fridge or freezer compartment.</li> </ul>
	<b>Did you put in too much food?</b> <ul style="list-style-type: none"> <li>Maintain an appropriate space between food.</li> </ul>
	<b>Are the appliance doors completely closed?</b> <ul style="list-style-type: none"> <li>Completely close the door and make sure that stored food is not obstructing in the door.</li> </ul>
	<b>Is there enough space around the appliance?</b> <ul style="list-style-type: none"> <li>Adjust the installation position to make enough space around the appliance.</li> </ul>
The appliance contains a bad smell.	<b>Is the fridge or freezer temperature set to 'Warm'?</b> <ul style="list-style-type: none"> <li>Set the fridge or freezer temperature to a colder setting.</li> </ul>

Symptoms	Possible Cause & Solution
The appliance contains a bad smell.	<b>Did you put in food with a strong smell?</b> <ul style="list-style-type: none"> <li>Store foods with strong smells in a sealed containers.</li> </ul>
	<b>Vegetables or fruit may have spoiled in the drawer?</b> <ul style="list-style-type: none"> <li>Throw away rotten vegetables and clean the vegetable drawer. Do not store vegetables too long in the vegetable drawer.</li> </ul>

## Water

Symptoms	Possible Cause & Solution
Water does not come out.	<b>The water dispenser tank may be empty. (Non plumbed models only)</b> <ul style="list-style-type: none"> <li>Fill the water dispenser tank.</li> </ul>

## Condensation & Frost

Symptoms	Possible Cause & Solution
There is condensation inside the appliance or on the bottom of the vegetable drawer cover.	<b>Did you store hot food without cooling it first?</b> <ul style="list-style-type: none"> <li>Cool the hot food first before putting it inside the fridge or freezer.</li> </ul>
	<b>Did you leave the appliance door open?</b> <ul style="list-style-type: none"> <li>Although the condensation will disappear soon after you close the appliance door, you can wipe it with a dry cloth.</li> </ul>
	<b>Do you open the appliance doors too frequently?</b> <ul style="list-style-type: none"> <li>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.</li> </ul>
	<b>Did you put warm or moist food inside without sealing it in a container?</b> <ul style="list-style-type: none"> <li>Store food in a covered or sealed container.</li> </ul>
Frost has formed in the freezer compartment.	<b>Doors may not be closed properly?</b> <ul style="list-style-type: none"> <li>Check if the food item inside the appliance is blocking the door and make sure that the door is tightly closed.</li> </ul>
	<b>Did you store hot food without cooling it first?</b> <ul style="list-style-type: none"> <li>Cool the hot food first before putting it in the fridge or freezer compartment.</li> </ul>

Symptoms	Possible Cause & Solution
Frost has formed in the freezer compartment.	<b>Is the air entry or exit of the freezer compartment blocked?</b> <ul style="list-style-type: none"> <li>Make sure that air entry or exit is not blocked so that the air can circulate inside.</li> </ul>
	<b>Is the freezer compartment overfilled?</b> <ul style="list-style-type: none"> <li>Maintain an appropriate space between items.</li> </ul>
Frost or condensation has formed inside or outside the appliance.	<b>Did you open and close the appliance door frequently or is the appliance door improperly closed?</b> <ul style="list-style-type: none"> <li>Frosts or condensation can form if the outside air penetrates inside the appliance. Do not open the doors too frequently.</li> </ul>
	<b>Is the installation environment humid?</b> <ul style="list-style-type: none"> <li>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.</li> </ul>
The side or front of the appliance is warm.	<b>There are anti condensation pipes fitted to these areas of the appliance to reduce condensation forming from around the door area.</b> <ul style="list-style-type: none"> <li>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.</li> </ul>
There is water inside or outside of the appliance.	<b>Is there water leakage around the appliance?</b> <ul style="list-style-type: none"> <li>Check if the water has leaked from a sink or another place.</li> </ul>
	<b>Is there water on the bottom of the appliance?</b> <ul style="list-style-type: none"> <li>Check if the water is from the thawed frozen food or a broken or dropped container.</li> </ul>

## Parts & Features

Symptoms	Possible Cause & Solution
The appliance door is not closed tightly.	<b>Is the appliance leaning forward?</b> <ul style="list-style-type: none"> <li>Adjust the front feet to raise the front side slightly.</li> </ul>
	<b>Were the shelves properly assembled?</b> <ul style="list-style-type: none"> <li>Refit the shelves if needed.</li> </ul>
	<b>Did you close the door with excessive force?</b> <ul style="list-style-type: none"> <li>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.</li> </ul>

Symptoms	Possible Cause & Solution
<b>It is difficult to open the appliance door.</b>	<p><b>Did you open the door right after you closed it?</b></p> <ul style="list-style-type: none"> <li>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.</li> </ul>
<b>The inside lamp in the appliance does not turn on.</b>	<p><b>Lamp failure</b></p> <ul style="list-style-type: none"> <li>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.</li> </ul>

## Noises

Symptoms	Possible Cause & Solution
<b>The appliance is noisy and generates abnormal sounds.</b>	<p><b>Is the appliance installed on a weak floor or improperly levelled?</b></p> <ul style="list-style-type: none"> <li>Install the appliance on a solid and flat area.</li> </ul>
	<p><b>Does the rear of the appliance touch the wall?</b></p> <ul style="list-style-type: none"> <li>Adjust the installation position to allow enough clearance around the appliance.</li> </ul>
	<p><b>Are objects scattered behind the appliance?</b></p> <ul style="list-style-type: none"> <li>Remove the scattered objects from behind the appliance.</li> </ul>
	<p><b>Is there an object on top of the appliance?</b></p> <ul style="list-style-type: none"> <li>Remove the object on top of the appliance.</li> </ul>
<b>Clicking noises</b>	<p><b>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.</b></p> <ul style="list-style-type: none"> <li>Normal Operation</li> </ul>
<b>Rattling noises</b>	<p><b>Appliance is not resting evenly on the floor.</b></p> <ul style="list-style-type: none"> <li>Floor is weak or uneven or levelling legs need to be adjusted.</li> </ul>
	<p><b>Appliance with a compressor was moved while operating.</b></p> <ul style="list-style-type: none"> <li>Normal operation. If the compressor does not stop rattling after three minutes, turn the power to the appliance off and then on again.</li> </ul>
<b>Whooshing noises</b>	<p><b>Evaporator fan motor is circulating air through the fridge and freezer compartments.</b></p> <ul style="list-style-type: none"> <li>Normal Operation</li> </ul>
	<p><b>Air is being forced over the condenser by the condenser fan.</b></p> <ul style="list-style-type: none"> <li>Normal Operation</li> </ul>

Symptoms	Possible Cause & Solution
Gurgling noises	<b>Appliance flowing through the cooling system.</b> <ul style="list-style-type: none"><li>• Normal Operation</li></ul>
Popping noises	<b>Contraction and expansion of the inside walls due to changes in temperature.</b> <ul style="list-style-type: none"><li>• Normal Operation</li></ul>
Vibrating	<b>If the side or back of the appliance is touching a cabinet or wall, some of the normal vibrations may make an audible sound.</b> <ul style="list-style-type: none"><li>• To eliminate the noise, make sure that the sides and back do not make any contact with any wall or cabinet.</li></ul>

## Customer Care and Service

Contact an LG Electronics customer information centre.

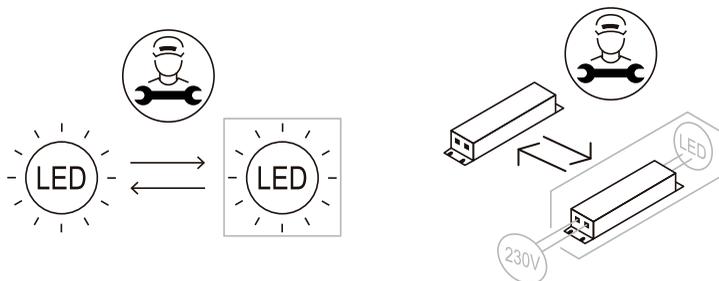
- To find information on LG authorized service centre, visit our website at [www.lg.com](http://www.lg.com).
- Only qualified service personnel from LG authorized service centre should disassemble, repair, or modify the appliance.
- The minimum warranty period of this refrigerating appliance is 24 months.
- 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](http://www.lg.com).

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### 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://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 F.



# Memo

# Memo

