| | | | |
|---|---|---|---|
| **Model** | SKSCR2431P, SKSCR3031P | | |
| **Language** | ITALIAN , ENGLISH | | |
| **Page** | 72 | **Color(cover/body)** | 1도 |
| **Material** | 모조지 80 g | **Size(W x H)** | 148*210 |
| **Date** | 2025.08.19 | **개발자** | - |
| **Part No.** | MFL70339854 | **Description** | Manual,Owners |

**※ 해당페이지는 메뉴얼 스펙표이며 인쇄되지않습니다.**

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Scan the QR code to see the manual.

SKS

OWNER'S MANUAL

# BUILT-IN FRIDGE

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**

www.sksappliances.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**<br><br>This indicates that the failure to follow the instructions can cause serious injury or death. |
| ⚠ | **CAUTION**<br><br>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 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 by pulling on the power cable. Always grip the power plug firmly and pull straight out from the outlet socket.
- Keep ventilation openings, in the appliance enclosure or in the built-in structure, clear of obstruction.
- Do not store explosive substances such as aerosol cans with a flammable propellant in this appliance.
- Do not tilt the appliance to pull or push it when transporting.
- When positioning the appliance, ensure the supply cord is not trapped or damaged.
- Do not use mechanical devices or other means to accelerate the defrosting process.
- Do not use a hair drier to dry the inside of the appliance or place a candle inside to remove the odours.
- Do not use electrical appliances inside the food storage compartments of the appliance, unless they are of the type recommended by the manufacturer.
- Make sure not to get a body part such as a hand or foot stuck while moving the appliance.
- Disconnect the power cord before cleaning the appliance interior or exterior.
- Do not spray water or inflammable substances (toothpaste, alcohol, thinner, benzene, flammable liquid, abrasive, etc.) over the interior or exterior of the appliance to clean it.
- Do not clean the appliance with brushes, cloths or sponges with rough surfaces or which are made of metallic material.

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- Only qualified service personnel from SKS service centre should disassemble, repair, or modify the appliance. Contact a SKS customer information centre if you move and install the appliance in a different location.

## Risk of Fire and Flammable Materials

- If a leak is detected, avoid any naked flames or potential sources of ignition and air the room in which the appliance is standing for several minutes. In order to avoid the creation of a flammable gas air mixture if a leak in the refrigerating circuit occurs, the size of the room in which the appliance is used should correspond to the amount of refrigerant used. The room must be 1 $m^2$ 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.

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- Be careful not to pinch, crush, or damage the power cable during assembly or disassembly of the appliance door.
- Be careful not to point the power plug up or let the appliance lean against the power plug.
- Do not connect a plug adapter or other accessories to the power plug.
- Do not modify or extend the power cable.
- Ensure that the outlet socket is properly grounded, and that the earth pin on the power cord is not damaged or removed from the power plug. For more details on grounding, inquire at an SKS 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.
- An individual properly grounded branch circuit or circuit breaker must be used in case of requiring disconnect after installation.
- 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.
- Do not plug the appliance into multiple outlet sockets, power boards, or an extension power cable.
- Do not use an extension cord or double adapter.

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- To avoid a hazard due to instability of the appliance, it must be fixed in accordance with the instructions.

## 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 SKS customer information centre.
- Unplug the power plug during a severe thunderstorm or lightning or when not in use for a long period of time.
- Do not touch the power plug or the appliance controls with wet hands.
- Do not bend the power cable excessively or place a heavy object on it.
- Immediately unplug the power plug and contact a SKS 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.

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- 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:

### Operation

- This appliance is not suitable for freezing food.

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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.
- Make sure not to get a hand or foot stuck upon opening or closing the appliance door or door in door.

## 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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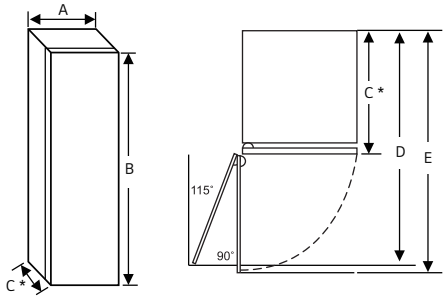


# OPERATION

## Before Use

### Dimensions and Clearances

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

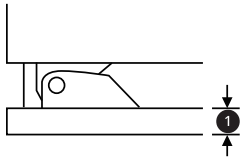



*1 Door width (For models without panel)

*2 Door width (For models with panel)

| Type | Dimensions (mm) | |
|---|---|---|
| Width | 24" | 30" |
| A | 603 | 756 |
| B | 2 121 | |
| C*1 | 607 | |
| C*2 | 626 | |
| D | 659 | 797 |
| E | 713 | 864 |

Varies depending on the thickness ❶ of the custom cabinet panel. The door panels in the optional **SKS** stainless steel door panel kit are 3/4" (19 mm) thick.




### 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.

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## 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.

## Suggestion for Energy Saving

- For the most efficient use of energy, keep all inner parts (e.g. door bins, drawers and shelves) on their original location. Altering their positions may result in less efficient energy consumption or performance.
- Ensure there is sufficient space between stored foods. This allows cold air to be circulated evenly and lowers electricity bills.
- Store hot food only after it has cooled in order to prevent dew or frost.
- 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.
- The automatic defrosting system in the appliance ensures that the compartment remains free of ice buildup under normal operating conditions.

## 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 **SKS** customer information centre if the alarm sound continues even after closing all doors.

## Storing Foods Effectively

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

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- 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.

## 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 SKS 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.

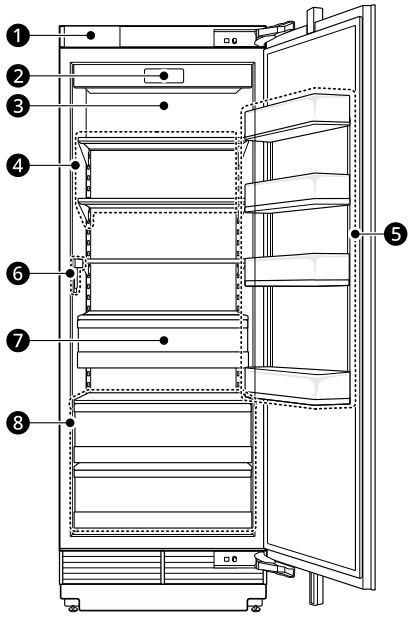
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# Product Features

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

## Interior




**1 Water Filter**

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

**2 Control Panel**

Sets the fridge temperatures, the water filter condition.

**3 LED Lamp**

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

**4 Fridge Shelf**

This is where refrigerated foods and other items are stored. Store 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.

**5 Fridge Door Basket**

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

**6 Water Dispenser**

Dispenses fitered water.

**7 Snack Drawer**

Stores small packages of refrigerated foods.

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**❽ Fridge Drawer**

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

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

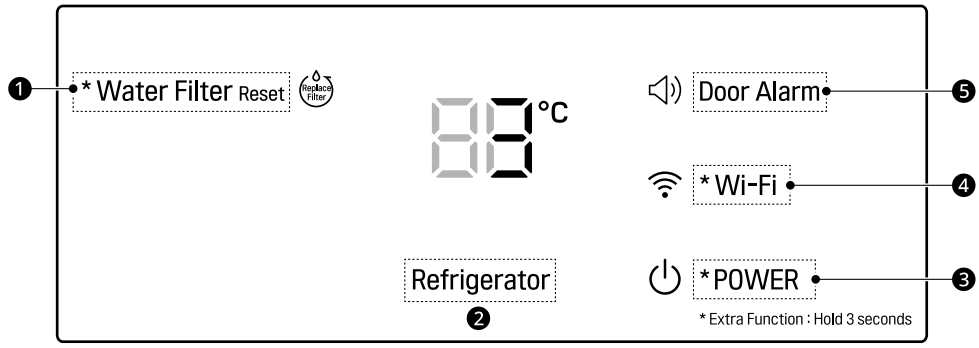
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# Control Panel

The actual control panel may differ from model to model.

## Control Panel and Functions




**1 Water Filter Reset**

Replace the water filter when the Replace Filter indicator lights up.

**2 Refrigerator**

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

- The default fridge temperature is 3 °C.

### NOTE

- The actual inner temperature varies depending on the food status, as the indicated setting temperature is a target temperature, not actual temperature within the appliance.

**3 Power**

This button turns off all electrical power to the unit.

Press and hold the button for 3 seconds to turn off the power. When the power is off, the indicator light is off. There is no need to turn off power at the circuit breaker or wall receptacle. Use this function for service or extended vacations.

**4 Wi-Fi**

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

**5 Door Alarm**

Press this button to deactivate/activate the door alarm function.

### NOTE

- For optimal food preservation, increasing or decreasing 1 °C from the default temperature is recommended.
- The control panel automatically turns off for energy saving.

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- When the appliance is in the energy saving mode, the display remains off until a door is opened or a button is pressed. Once on, the display remains on for 20 seconds.
- If there is any finger or skin contacts to the control panel while cleaning it, the button function may operate.

# Water Dispenser

## Before Using the Water Dispenser

### ⚠ CAUTION

- Keep children away from the dispenser to prevent children playing with or damaging the controls.
- Clean the water dispensing system if they have not been used for 48 hours. Flush the water system connected to a water supply if water has not been drawn for 5 days.
- To clean the water dispensing system, flush the water through the dispenser about 5 minutes.
- It is normal for milky / cloudy water to be dispensed after replacing the water filter. This air in the water will eventually clear and is safe to drink during this transition.

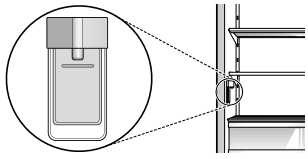
### NOTE

- Some dripping may occur after dispensing. Hold the cup beneath the dispenser for a few seconds after dispensing to catch all of the drops.
- Use a cup with a rim of over 68 mm in diameter when dispensing water.

## Using the Dispenser

You can dispense water by pressing the paddle.

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



### NOTE

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

# Fridge 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 the Snack Drawer

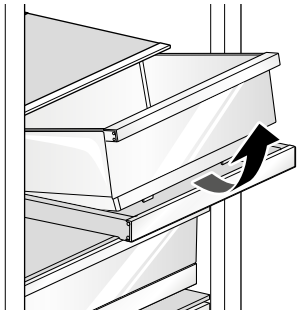
The sliding drawers allow easy access and convenience of use.

1 To remove, pull the drawer out until it stops.
Empty all contents out of the drawer before removing it.

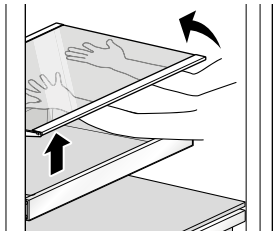
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2 Lift the empty drawer slightly to remove it from the support.

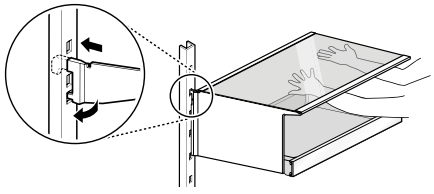


3 Tilt up the front of the shelf and then lift the snack drawer straight up.



4 To refit, tilt the front of the snack drawer up and guide the shelf hooks into the slots at a desired height.

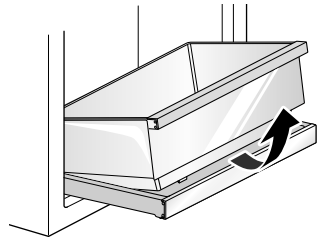
5 Lower the front of the snack drawer so that the hooks drop into the slots.



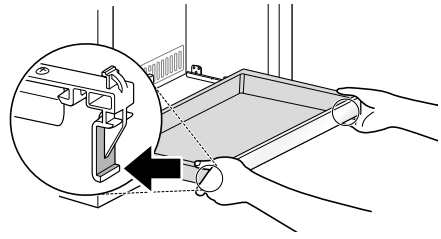
## Removing/Refitting the Drawer

To make more spacious fridge compartment and clean the drawer, remove the drawer and drawer supports.

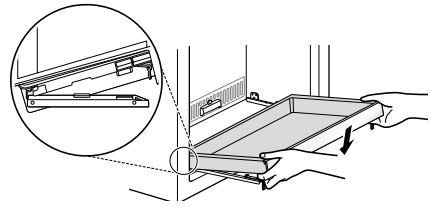
1 To remove, pull the drawer out until it stops. Lift the front of the drawer to remove it.



2 Press the release levers on either side of the drawer frame and lift the drawer frame.



3 To refit, hook the drawer support on the rails located on both side and press it down until you hear snap sound.



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

# Door Baskets

## Using the Moving Basket

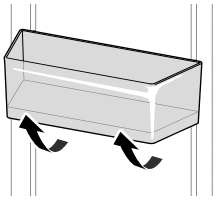
Adjusting the moving basket allows taller food items to be stored more conveniently.

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- To adjust the bin position, hold the bottom of the basket at both ends and flip it up and down.

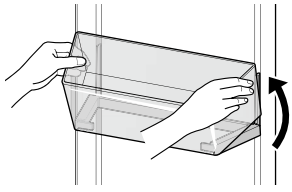


## ⚠ CAUTION

- To avoid personal injury or damage to the basket or its contents, empty the moving basket before moving it up or down.

### Removing/Refitting the Door Basket

1 To remove the door basket, hold the bin with both hands and tilt the back edge up.



2 To assemble the door basket, align both sides of the basket with the guides and push the basket down until it snaps into place.

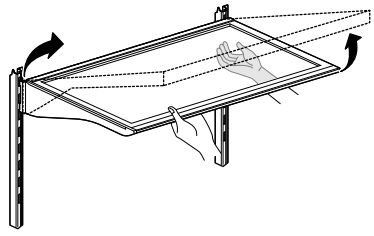
## Shelf

## ⚠ CAUTION

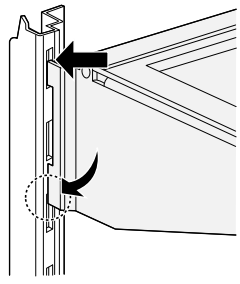
- Glass shelves are heavy. Use special care when removing them.
- Do not clean glass shelves with warm water while they are cold. Shelves may break if exposed to sudden temperature changes or impact.

### Removing/Refitting the Shelf

1 To remove, raise the front of the shelf to disengage the shelf hooks, then lift the shelf from the back.



2 To refit, tilt the front of the shelf up and guide the shelf hooks into the slots at a desired height.



**NOTE**

- Foreign objects and dirt between the shelf and the inner cabinet wall could prevent the shelf light from turning on.

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# SMART FUNCTIONS

## LG ThinQ Application

This feature is only available on models with Wi-Fi.

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

### LG ThinQ Application Features

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

**Smart Diagnosis**

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

**Settings**

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

#### NOTE

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

### Installing LG ThinQ Application and Connecting an LG Appliance

#### Models with QR Code

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




#### Models without QR Code

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

2 Run the **LG ThinQ** application and sign in with your existing account or create an LG account to sign in.

3 Touch the add (+) button on the **LG ThinQ** application to connect your LG appliance. Follow the instructions in the application to complete the process.

#### NOTE

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

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- The appliance supports 2.4 GHz Wi-Fi networks only. To check your network frequency, contact your Internet service provider or refer to your wireless router manual.
- **LG ThinQ** is not responsible for any network connection problems or any faults, malfunctions, or errors caused by network connection.
- The surrounding wireless environment can make the wireless network service run slowly.
- If the distance between the appliance and the wireless router is too far, the signal strength becomes weak. It may take a long time to connect or installation may fail.
- If the appliance is having trouble connecting to the Wi-Fi network, it may be too far from the router. Purchase a Wi-Fi repeater (range extender) to improve the Wi-Fi signal strength.
- The network connection may not work properly depending on the Internet service provider.
- The Wi-Fi connection may not connect or may be interrupted because of the home network environment.
- The appliance cannot be connected due to problems with the wireless signal transmission. Unplug the appliance and wait about a minute before trying again.
- If the firewall on your wireless router is enabled, disable the firewall or add an exception to it.
- The wireless network name (SSID) should be a combination of English letters and numbers. (Do not use special characters.)
- Smartphone user interface (UI) may vary depending on the mobile operating system (OS) and the manufacturer.
- If the security protocol of the router is set to **WEP**, you may fail to set up the network. Please change it to other security protocols (**WPA2** is recommended) and connect the product again.
- To disable the Wi-Fi function, press and hold the **Wi-Fi** button for 3 seconds. The Wi-Fi indicator will be turned off.
- To reconnect the appliance or add another user, press and hold the **Wi-Fi** button for 3 seconds to temporarily turn it off. Run the **LG ThinQ** application and follow the instructions in the application to connect the appliance.

## Radio Equipment Specifications

| Type | Operating Frequency Range | Output Power (Max.) |
|---|---|---|
| Wireless LAN | 2400 MHz - 2483.5 MHz | < 100 mW |
| Bluetooth*1 | | |

*1 This feature is only available on some models.

Wireless function S/W version: V 1.0

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

## Declaration of Conformity

CE

Hereby, LG Electronics declares that the radio equipment type Refrigerator is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address:

http://www.lg.com/global/support/cedoc/cedoc#

## Open Source Software Notice Information

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

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

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

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# Smart Diagnosis

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

**NOTE**

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

## Using LG ThinQ to Diagnose Issues

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

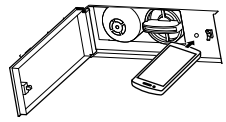
- Launch the **LG ThinQ** application and select the **Smart Diagnosis** feature in the menu. Follow the instructions provided in the **LG ThinQ** application.

## Using Audible Diagnosis to Diagnose Issues

Follow the instructions below to use the audible diagnosis method.

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

1 Open the door and the water filter cover at the top of the appliance, then hold the phone on the speaker hole.



2 Press and hold the **Refrigerator** button for three seconds or longer while holding your phone to the speaker until the data transfer is complete.
   - The diagnosis sound is generated after around 3 seconds.

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

**NOTE**

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

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# MAINTENANCE

## Cleaning

### ⚠ WARNING

- Use non-flammable cleaner. Failure to do so can result in fire, explosion, or death.

### ⚠ CAUTION

- Do not use an abrasive cloth or sponge when cleaning the interior and exterior of the refrigerator.
- Do not place your hand on the bottom surface of the refrigerator when opening and closing the doors.

### General Cleaning Tips

- 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

- When removing a shelf or drawer from inside the appliance, remove all stored foods from the shelf or drawer to prevent injury or damage to the appliance. Otherwise, injury may occur due to the weight of stored foods.
- Detach the shelves and drawers and clean them with water, and then dry them sufficiently, before replacing them.
- Regularly wipe the door gaskets with a wet soft towel.
- Door basket spills and stains should be cleaned as they can compromise storage ability of the basket and could even be damaged.
- Never clean the shelves or containers in the dishwasher. The parts may become deformed due to the heat.

## Water Filter

### Before Replacing the Water Filter

### ⚠ WARNING

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

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## ⚠ WARNING

- Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system. Systems certified for cyst reduction may be used on disinfected water that may contain filterable cysts.

## ⚠ CAUTION

- Do not install if water pressure exceeds 1 MPa. If your water pressure exceeds 1 MPa, you must install a pressure limiting valve. Contact a plumbing professional if you are uncertain how to check your water pressure.
- Do not install where water hammer conditions may occur. If water hammer conditions exist, you must install a water hammer arrester. Contact a plumbing professional if you are uncertain how to check for this condition.
- Do not install on hot water supply lines. The maximum operating water temperature of this filter system is 37,8 °C.
- Protect filter from freezing. Drain filter when temperatures drop below 4,4 °C.
- The disposable filter cartridge MUST be replaced every 6 months, at the rated capacity or if a noticeable reduction in flow rate occurs.
- Where a backflow prevention device is installed on a water system, a device for controlling pressure due to thermal expansion must be installed.
- Ensure all tubing and fittings are secure and free of leaks.

### NOTE

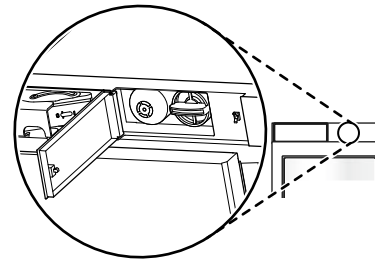
- While the testing was performed under standard laboratory conditions, actual performance may vary.
- It is essential that the manufacturer's recommended installation, maintenance and filter replacement requirements be carried out for the product to perform as advertised.

## Replacing the Water Filter

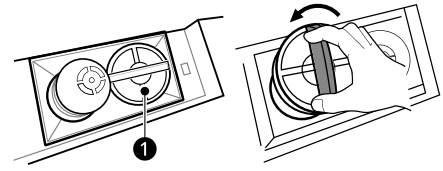
The filter must be changed every 6 months or when the water filter indicator on the control panel lights turns on or the water dispenser output decreases.

- To purchase a replacement water filter:
  - Use replacement cartridge: LT1000P
  - Visit your local dealer or distributor.

**1** Push to open the water filter cover at the top left of the appliance.



**2** Remove the disposable water filter. Pull out and put the cap ❶ on the old water filter, then grasp and rotate it ❶ counterclockwise to remove the water filter from the filter head.




### NOTE

- Replacing the water filter causes a small amount of water (around 1 oz. or 25 cc) to drain.
- Wrap a cloth around the front end of the water filter cover to collect any leaking water. Hold the water filter upright, once it is removed, to prevent any remaining water from spilling out of the water filter.

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3 Replace with a new water filter. Grasp and rotate the cap clockwise until it stops. Insert the cap to the side hole of the water filter.

4 Close the water filter cover.

5 Press and hold the **Water Filter** button for 3 seconds.

6 Dispense water for approximately 5 minutes to remove trapped air and contaminants.

## ⚠ CAUTION

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

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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?**<br>• Check the power of other appliances. |
| | **Appliance is unplugged.**<br>• 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.**<br>• 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.<br>• 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?**<br>• 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?**<br>• Check the installation area and reinstall it away from heat generating objects. |
| | **Did you store hot food without cooling it first?**<br>• Cool the hot food first before putting it in the fridge or freezer compartment. |
| | **Did you put in too much food?**<br>• Maintain an appropriate space between food. |
| | **Are the appliance doors completely closed?**<br>• Completely close the door and make sure that stored food is not obstructing in the door. |
| | **Is there enough space around the appliance?**<br>• Adjust the installation position to make enough space around the appliance. |
| **The appliance contains a bad smell.** | **Is the fridge or freezer temperature set to 'Warm'?**<br>• 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?**<br>• Store foods with strong smells in sealed containers. |
| | **Vegetables or fruit may have spoiled in the drawer.**<br>• Throw away rotten vegetables and clean the vegetable drawer. Do not store vegetables too long in the vegetable drawer. |

## Water

| Symptoms | Possible Cause & Solution |
|---|---|
| **Water does not come out.** | **The supply valve may be turned off.**<br>• Open the water supply valve.<br>• Check if the fridge compartment temperature is too cold, as the water filter can freeze and block the water flow to the dispenser. |
| | **Is the water supply valve closed?**<br>• Open the water supply valve. |
| | **Are you using unfiltered water?**<br>• Unfiltered water can contain a large amount of various heavy metals or foreign substances, so the filter may be clogged in the early stage regardless of the life of the filter. |
| **Water tastes strange.** | **Is the taste of water different when comparing it with the taste of water from the previous water purifier?**<br>• Has the purified water or cold water not been used for an extended period of time? |
| | **Has it been a long time since you installed and replaced the filter?**<br>• If an expired filter is used, the purification performance may decline. It is recommended to replace the filter according to the filter replacement period. |
| | **Have you flushed out the filter properly in the initial stage after installing it?**<br>• When you install or replace the filter for the first time, you need to remove air and activated carbon residue from inside the filter. Use the appliance after dispensing and discharging approximately 5 litres of purified water from the dispenser by pressing the water dispensing lever. (Activated carbon is harmless to humans.) |
| | **Has the purified water or cold water not been used for an extended period of time?**<br>• The taste of old water may change due to bacterial growth. Use the product after dispensing and discharging approximately 5 litres (approximately three minutes) from the water dispenser. |

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## 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?**<br>• Cool the hot food first before putting it inside the fridge or freezer. |
| | **Did you leave the appliance door open?**<br>• 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?**<br>• 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?**<br>• Store food in a covered or sealed container. |
| **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?**<br>• Frosts or condensation can form if the outside air penetrates inside the appliance. |
| | **Is the installation environment humid?**<br>• 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.**<br>• 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. |

## Parts & Features

| Symptoms | Possible Cause & Solution |
|---|---|
| **The appliance door is not closed tightly.** | **Is the appliance leaning forward?**<br>• Adjust the front feet to raise the front side slightly. |
| | **Were the shelves properly assembled?**<br>• Refit the shelves if needed. |
| | **Did you close the door with excessive force?**<br>• 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. |

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| Symptoms | Possible Cause & Solution |
|---|---|
| **It is difficult to open the appliance door.** | **Did you open the door right after you closed it?**<br>• 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**<br>• Close the door and re-open. If the lamp does not turn on, please contact the authorized customer information centre. Do not attempt removal of the lamp. |

## Noises

| Symptoms | Possible Cause & Solution |
|---|---|
| **The appliance is noisy and generates abnormal sounds.** | **Is the appliance installed on a weak floor or improperly levelled?**<br>• Install the appliance on a solid and flat area. |
| | **Does the rear of the appliance touch the wall?**<br>• Adjust the installation position to allow enough clearance around the appliance. |
| | **Are objects scattered behind the appliance?**<br>• Remove the scattered objects from behind the appliance. |
| | **Is there an object on top of the appliance?**<br>• 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.**<br>• 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.**<br>• Normal Operation |
| | **Appliance is not resting evenly on the floor.**<br>• Floor is weak or uneven or levelling legs need to be adjusted. |
| | **Appliance with a compressor was moved while operating.**<br>• 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 or freezer compartments.**<br>• Normal Operation |

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| Symptoms | Possible Cause & Solution |
|---|---|
| **Whooshing noises** | **Air is being forced over the condenser by the condenser fan.**<br>• Normal Operation |
| **Gurgling noises** | **Appliance flowing through the cooling system.**<br>• Normal Operation |
| **Popping noises** | **Contraction and expansion of the inside walls due to changes in temperature.**<br>• Normal Operation |
| **Vibrating** | **If the side or back of the appliance is touching a cabinet or wall, some of the normal vibrations may make an audible sound.**<br>• To eliminate the noise, make sure that the sides and back do not make any contact with any wall or cabinet. |

## Wi-Fi

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

## 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.

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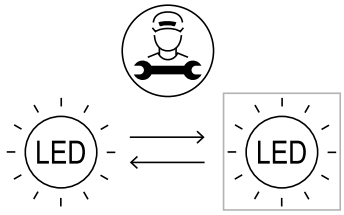


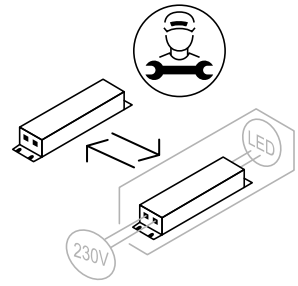


- Only qualified service personnel from LG authorized service centre should disassemble, repair, or modify the appliance.
- The minimum warranty period of this refrigerating appliance is 24 months.
- Spare parts referenced in Regulation EU 2019/2019 are available for 7 years (only door gaskets are available 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.



## Memo

## Memo

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SKS