

Owner's Manual

# REFRIGERATOR- FREEZER

**Please read this manual and safety instructions carefully  
before operating your refrigerator and retain it for future reference**



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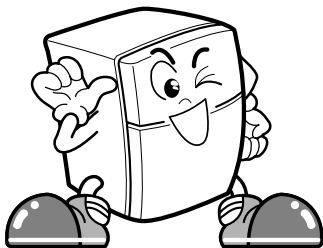
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# IMPORTANT SAFETY INFORMATION

## BASIC SAFETY PRECAUTIONS

This guide contains many important safety messages. Always read and obey all safety messages.






 This is the safety alert symbol. It alerts you to safety messages that inform you of hazard that can hurt you or others or cause damage to the product. All safety messages will be preceded by the safety alert symbol and the hazard signal word WARNING, or CAUTION. These words mean:

 **WARNING** Death or serious injury can occur if you don't follow instructions.

 **CAUTION** indicates an imminently hazardous situation which, if not avoided, may result in minor or moderate injury, or product damage only.

All safety messages will identify the hazard, tell you how to reduce the chance of injury, and tell you what can happen if the instructions are not followed.

 **WARNING**

-  Keep ventilation openings, in the built-in structure, clear of obstruction.
-  Do not use mechanical devices or other means to accelerate the defrosting process, other than those recommended by the manufacturer.
-  Do not damage the refrigerant circuit.
-  Do not use electrical appliances inside the food storage compartment of the appliance, unless they are of the type recommended by the manufacturer.
-  The refrigerant and insulation blowing gas used in the appliance require special disposal procedures. When disposal, please consult with your local city council or a similarly qualified person.

## Risk of Fire and Flammable Materials



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.
- 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.
- When positioning the appliance, ensure the supply cord is not trapped or damaged.
- Do not locate multiple portable socket-outlets or portable power supplies at the rear of the appliance.

## IMPORTANT SAFETY INFORMATION

- 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.
- If the supply cord is damaged, it must be replaced by LG Electronics Service Agent in order to avoid a hazard
- 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 product uses an LED Lamp which can not be replaced by the user. Please contact authorized service centre for the lamp replacement.
- 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 socket outlet that is installed and grounded in accordance with all local codes and ordinances.
- Children aged from 3 to 8 years are allowed to load and unload refrigerating appliances.
- Do not store explosive substances such as aerosol cans with a flammable propellant in this appliance.
- This appliance is intended to be used in household and similar applications such as:
  - Staff kitchen areas in shops, offices and other working environments.
  - Farm houses and by clients in hotels, motels and other residential type environments.
  - Bed and breakfast type environments.
  - Catering and similar non-retail applications.

## WARNING

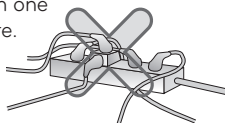
To reduce the risk of fire, electric shock, or injury to persons when using your product, basic safety precautions should be followed, including the following.

Read all instructions before using this appliance. This appliance is intended for domestic, indoor use only.

### 1. When connecting the power

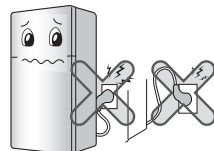
**Do not use with a multiple outlet board.**

- Using several devices from one power outlet may cause fire.
- The electric leakage breaker may trip and cause food to spoil and contaminate the refrigerator.



**Do not allow the power plug to face upward or to be compressed at the back of the refrigerator.**

This could damage the plug causing fire and electric shock.



# IMPORTANT SAFETY INFORMATION

## 1. When connecting the power

Do not allow the power cord to be bent, kinked, or crushed by heavy objects.

It may damage the power cord and cause fire or electric shock.



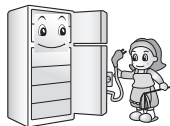
Do not extend or modify the length of the power cord or power plug.

It can cause electric shock and/or fire and damage the refrigerator.



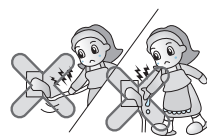
Unplug the power plug when cleaning or handling the refrigerator.

- Not doing so may cause electric shock or injury.
- The interior lamp is an LED type and can only be replaced by an authorised LG Service provider



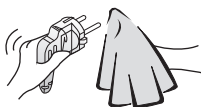
Do not pull out the cord or touch the power plug with wet hands.

- It may cause electric shock or injury.



Remove water or dust from the power plug and insert it with the ends of the pins securely connected.

Dust, water or an unstable connection into the wall may cause fire and electric shock.



Make sure of grounding.

Make sure that the earth pin on the power plug is not missing or damaged. Poor earthing can cause a malfunction, and electric shock.

When the power cord or the power plug is damaged or the holes of the outlet are damaged or worn, do not use them.

It may cause electric shock or short circuit and cause a fire.

## 2. When using the refrigerator

Do not place heavy, or dangerous objects or any containers containing fluids on top of the refrigerator.

It may fall or spill and cause injury, fire or electric shock when opening or closing the door.



Do not swing on any of the doors, or step on the door shelves for any reason.

It may cause the refrigerator to lean and fall over causing serious injury or death. Do not allow children to play with the refrigerator or any of its parts.



# IMPORTANT SAFETY INFORMATION

## 2. When using the refrigerator

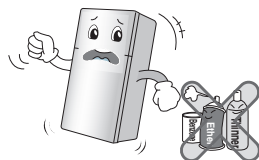
**Do not install the refrigerator outdoors, in direct Sunlight, or where it can be exposed to environmental conditions, or in wet place or area.**

This could cause malfunction, corrosion, fire and electric shock.



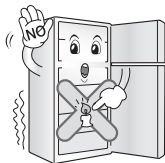
**Do not use or store inflammable materials ether, benzene, alcohol, medicine, LP gas, spray or cosmetics near or in the refrigerator.**

It may cause explosion or fire.



**Do not place a lit candle within the refrigerator to deodorize.**

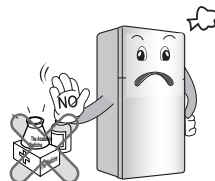
It may cause explosion or fire.



**Do not store medicine, scientific material, paint or living compounds inside the refrigerator.**

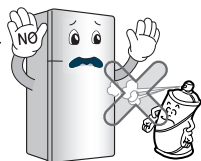
Such materials can cause dangers and hazards, and result in malfunction or serious injury.

Storing strict temperature medicines in the refrigerator may cause them to become unstable and adversely compromise the effect of their purpose.



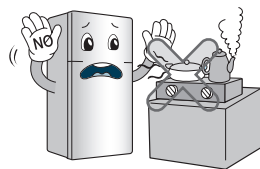
**Do not use any combustible spray near the refrigerator.**

It may cause fire and affect the refrigerator's finish.



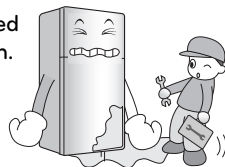
**Avoid placing the refrigerator near any heating devices or sources.**

It may cause damage, malfunction, and fire.



**Do not use the refrigerator if it has been submerged in water without having it checked by a qualified electrician.**

It may cause electric shock or fire.

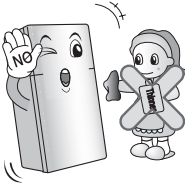


# IMPORTANT SAFETY INFORMATION

## 2. When using the refrigerator

Do not spray water directly inside or on to the outside of the refrigerator, or clean it with abrasive caustic based liquids or pads, or solvents of any kind.

This can cause damage to the units finish, corrosion, and deterioration of electrical parts causing electric shock or malfunction.



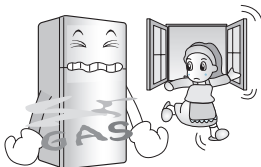
When disposing the refrigerator, remove the door seals from both doors or remove the doors completely.

Not doing so may cause children to suffocate if they become trapped inside.



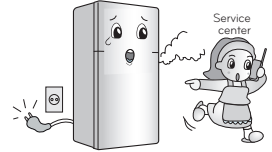
When gas is leaked, do not touch the refrigerator or the air outlet and ventilate the room immediately.

- The explosion by spark may cause fire or burn.
- 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.



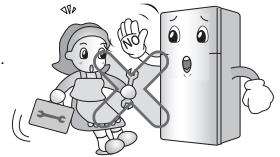
When any strange smell or smoke is detected from the refrigerator, disconnect the power plug immediately and contact to the service center.

It may cause fire.



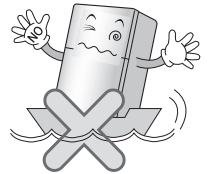
Do not allow any person except a qualified engineer to disassemble, repair or alter the refrigerator.

It may cause injury, electric shock or fire.



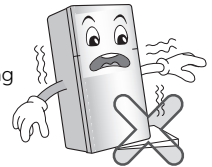
Do not use the refrigerator for commercial based purposes including mobile applications.

A hazard or danger may result from its non intended purpose such as electric shock, fire or unwarranted malfunction.



Install the refrigerator on a solid and level floor.

Installing it on an unstable surface could cause it to fall or tip over when opening the door causing serious injury or death.



Do not put hands or foreign objects into the vents under the cover, or into the holes at the back of the refrigerator.

It may cause electric shock or injury.

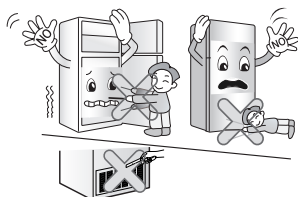


# IMPORTANT SAFETY INFORMATION

## 2. When using the refrigerator

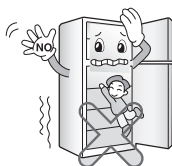
Do not obstruct the cold air outlets with hands or objects. Do not obstruct the rear lower ventilation grill.

It may cause overheating, electric shock or injury.



Always prevent children from entering the product.

It may endanger the life of a child if the child enters the refrigerator.

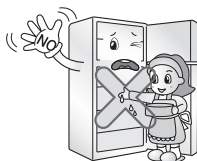


## ⚠ CAUTION

Violating this direction may cause injury or damage to your house or furniture. Always be careful, please.

Do not touch food or containers in the freezer with wet hands.

It may cause frostbite.



Do not store or place any sealed or full bottles in the freezer.

The bottle may explode when frozen and cause damage and injury.



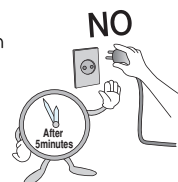
**What to do with your old refrigerator,**

Your refrigerator contains liquid (refrigerant, lubricant) made of recyclable materials. All these materials must be sent to a recycling waste disposal site as they can be reused after a specific recycling process. Refrigerator Contact your local city Council for proper disposal advice.



After disconnecting the power plug, wait for 5 minutes or longer before reconnecting the plug.

It may cause the operation of the freezer to fail.



Do not remove the power plug with wet hands or by grasping the end and pulling on it.

It may cause electric shock, fire, short circuit or an electric shock hazard.





## IMPORTANT SAFETY INFORMATION

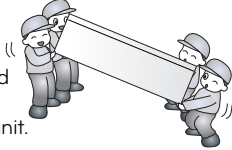
### CAUTION

Violating this direction may cause injury or damage house or furniture. Always be careful, please.

Carry the refrigerator using the in built recessed handles both at the rear at the top, and underneath at the front.

Not doing so could cause the unit to slip and cause serious personal injury and damage the unit.

Because the product is heavy, carrying it alone may hurt people or accidents may occur.



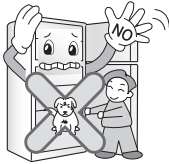
Do not insert or place hands into the bottom of the refrigerator.

The steel plate underneath the refrigerator may cause injury.



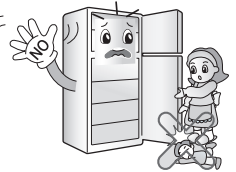
Do not put any living object, including animals and pets in or on the refrigerator.

It may cause death or serious injury.



Please use caution when opening or closing the doors.

Children or pets should be kept clear of the refrigerator when opening or closing the doors to avoid injury.



THIS REFRIGERATOR IS MANUFACTURED WITH GREAT CARE AND UTILIZES THE LATEST IN TECHNOLOGY.



WE ARE CONFIDENT THAT YOU WILL BE FULLY SATISFIED WITH ITS PERFORMANCE AND RELIABILITY.

BEFORE USING YOUR REFRIGERATOR, PLEASE READ THIS BOOKLET CAREFULLY.

IT PROVIDES EXACT INSTRUCTIONS FOR INSTALLATION, OPERATION, AND MAINTENANCE, AND ALSO SUPPLIES SOME USEFUL HINTS.

## INSTALLATION

### SELECT A GOOD LOCATION

1. Place your refrigerator where it is easy to use.
2. Avoid placing the unit near or next to heat sources, direct sunlight or moisture.  
Do not install the refrigerator in an open or sheltered outdoor environment.
3. Air must circulate properly around your refrigerator to ensure efficient operation.  
If your refrigerator is placed in a recessed area in the wall, allow at least 10 inches (25 cm) or greater clearance above the refrigerator and 2 inches (5 cm) or more from the wall.  
The refrigerator should be elevated 1 inch (2.5 cm) from the floor, especially if the floor is carpeted.
4. To avoid vibrations, the unit must be level.  
If required, adjust the leveling screws to compensate for unevenness of the floor.  
The front should be slightly higher than the rear to aid in door closing.  
The front leveling screws can be turned easily by tipping the cabinet slightly.  
Turn the leveling screws clockwise() to raise the unit, counterclockwise() to lower it.

### NEXT

1. Wipe off all dust accumulated during shipping and clean your refrigerator thoroughly.
2. Install accessories such as the ice cube box, evaporating tray cover, etc., in their proper places. They are packed together to prevent possible damage during shipping.
3. Connect the power supply cord (or plug) to the outlet. Don't double up with other appliances on the same outlet.
4. Prior to use, let the refrigerator run for 3-4 hours. Check the flow of cold air in the freezer compartment to ensure proper cooling has taken place. Your refrigerator is now ready for use.

# FEATURE CHART

## FREEZER COMPARTMENT

Freezer Temperature Control Dial

Freezer Shelf

Twisting Ice Serve (Some Models) or General Type Ice Tray

## REFRIGERATOR COMPARTMENT

Lamp

Deodorizer (Some Models)

Pull out tray (Some Models)

Refrigerator Temperature Control Knob

Shelves (Some Models)

Vegetable Drawer  
Used to keep fruits and vegetables, etc. fresh and crisp.

Freezer Door Rack

Egg Storage Rack

Movable Rack (Some Models)

Refrigerator Door Rack

Leveling Screws

**NOTE**

● All parts shown may not be included with every model.

# OPERATIONS

## STARTING

When your refrigerator is first installed, allow it 3-4 hours to stabilize at normal operating temperatures prior to filling it with fresh or frozen foods.

If operation is interrupted, allow 5 minutes delay before restarting.

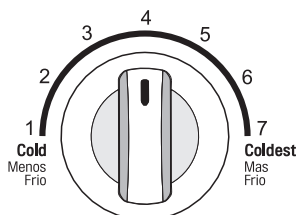
## BEFORE SETTING THE TEMPERATURE

- This refrigerator has one temperature control knob for the refrigerator compartment and one temperature control dial for the freezer compartment.
- The default setting of the temperature control knob for the refrigerator compartment is '4'.
- The default setting of the temperature control dial in the freezer compartment is '3'.

This dial controls the air flow balance between the Freezer and Refrigerator compartment. This Freezer dial does not control the cycling of the compressor.

## TEMPERATURE CONTROL

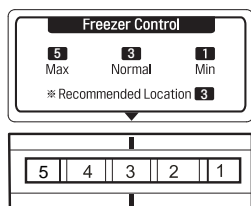
### □ CONTROLS FOR REFRIGERATOR COMPARTMENT



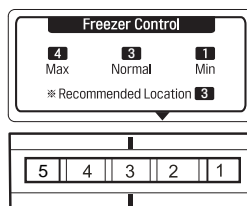
- For colder temperatures, in both the Freezer and Refrigerator compartments, adjust the refrigerator control knob to a higher number (Coldest), and for warmer temperatures, adjust the control knob to a lower number (Cold position).

### □ CONTROLS FOR FREEZER COMPARTMENT

※ Depend on your product



<Type A>



<Type B>

- The higher the number the Freezer setting is set to, the lower the temperature of the freezer compartment will become.
- Since the temperature of the refrigerator and freezer compartments is controlled with a fixed amount of cooled air, the refrigerator compartment will be warmer if the freezer compartment becomes colder.
- When the freezer compartment is not cold enough in summer, adjust the control in the freezer to High (4~5) for type A or (3~4) for type B.
- Setting the Freezer dial at (4~5) for type A or (3~4) for type B will maintain a low temperature in the freezer. But the Refrigerator's cooling speed will be reduced. When set to (4~5) for type A or (3~4) for type B during hotter climates, it may also be necessary to adjust the refrigerator compartment temperature to a cooler temperature (6~7).
- The Freezer dial setting **5 ~ 7** for type B is for quick freezing in the freezer compartment. This setting may cause the compressor to run for extended periods or the Refrigerator compartment to become warmer. This is dependent of the position of the Dial in the Refrigerator compartment.

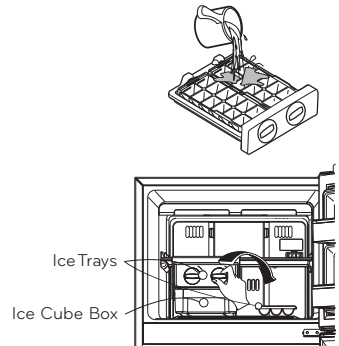
# OPERATION

## ICE MAKING

※ Determine which type ice-making system you have.

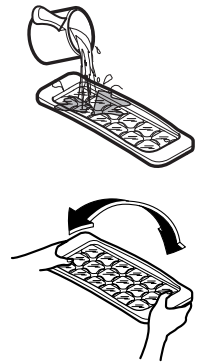
### ❑ Twisting Ice Serve Type

- To make ice cubes, fill the ice tray with water and insert in its position.
- To remove ice cubes, hold the knob of the tray and turn it all the way clockwise until ice cubes drop in the ice cube bin.
- You can remove the Twisting Ice Serve to make the freezer compartment larger.
- You should remove the ice Trays and Ice Cube Bin first, then pull the frame out toward the right side.



### ❑ General Type

- To make ice cubes, fill the ice tray with water and insert the ice cube box in the freezer compartment.
- To remove ice cubes, hold the tray at its ends and twist gently.



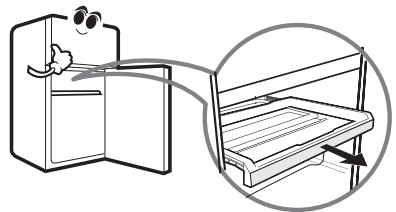
## DEFROSTING

Defrosting takes place automatically.

The defrosted water from the evaporator flows down to the evaporating tray which is located in the lower back side of the refrigerator and is then evaporated by natural convection.

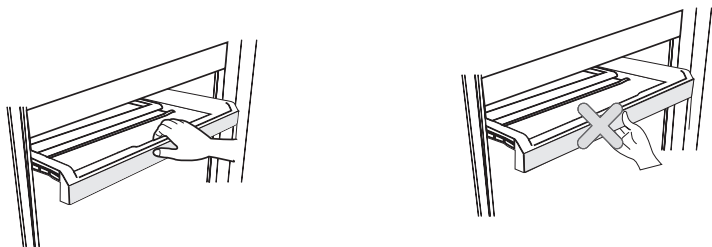
### PULL OUT TRAY (SOME MODELS)

The pull out tray offers easy access to the rear of the food drawer by sliding the tray out.



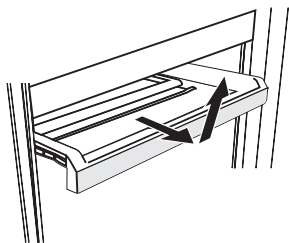
## OPERATION

Do not hold the bottom of the tray when sliding the tray in, as it could catch your hand.



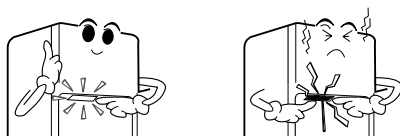
### How to remove the Pull Out Tray

Fully extend the Pull-Out-Tray and lift the front then pull it out slowly.



### DEODORIZER (SOME MODELS)

- Unpleasant odor of food in fresh food compartment is deodorized with no harm to you and the food.

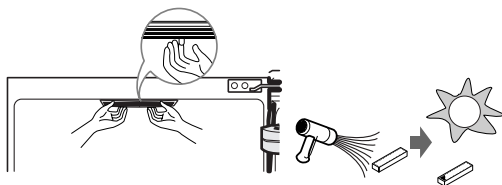


How to use

- As Deodorizer is located in cooling air inlet for circulating air in fresh food compartment, there is no need for any handling.
- Do not prick the cooling air inlet with a sharp tip because Deodorizer may be damaged.
- When storing food with a strong odor, wrap it or store it in a container with a lid because odor may be passed on to other foods.

Re-Using of Deodorizer

- Used some length and the odor is strong, Deodorizer can be revived and re-used.
- Separate Deodorizer in ceiling of refrigerator compartment, using hair drier to remove moisture or malodor and oxidize under sunlight to decomposing malodor by ultraviolet.



# SUGGESTIONS ON FOOD STORAGE

## STORING FOOD

- Store fresh food in the refrigerator compartment. How food is frozen and thawed is an important factor in maintaining its freshness and flavor.
- Do not store food which goes bad easily at low temperatures, such as bananas, pineapples, and melons.
- Allow hot food to cool prior to storing. Placing hot food in the refrigerator could spoil other food and lead to higher electricity bills!
- When storing, cover food with vinyl wrap or store in a container with a lid. This prevents moisture from evaporating and helps food to keep its taste and nutrients.
- Do not block air vents with food. Smooth circulation of chilled air keeps refrigerator temperatures even.
- Do not open the door frequently or leave it open for longer than necessary. Opening the door lets warm air enter the refrigerator, causing temperatures to rise.

## FREEZER COMPARTMENT

- Do not store bottles in the freezer compartment – they may break or explode when frozen.
- Do not refreeze food that has been thawed. This deteriorates taste and nutrition.
- When storing frozen food like ice cream for a long period, place it on the freezer shelf, not in the door basket.
- Avoid storing any food close to the bottom area of the freezer shelf to keep efficient air circulation.
- It is recommended to load food at least 25mm for type A or 15mm for type B against back of freezer wall, it will keep good air circulation in the freezer compartment (see page 12).

## REFRIGERATOR COMPARTMENT

- Avoid placing moist food deeply within the refrigerator shelf, it could freeze upon direct contact with chilled air.
- Always clean food prior to refrigeration. Vegetables and fruits should be washed and wiped, and packed food should be wiped clean to prevent adjacent food from spoiling.
- When storing eggs in their storage rack, ensure that they are fresh. Always store them in an upright position, which keeps them fresh longer.
- Refrigerated foods and other food items can be stored on top of the vegetable box.
- 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.
- Store raw meat and fish in suitable containers in the refrigerator, so that it is not in contact with or drip onto other food.

## CLEANING

It is important that your refrigerator be kept clean to prevent undesirable odors. Spilled food should be wiped up immediately, since it may acidify and stain plastic surfaces if allowed to settle.

Never use metallic scouring pads, brushes, coarse abrasive cleaners, or strong alkaline solutions on any surface.

Before you clean, remember that damp objects will stick or adhere to extremely cold surfaces. Do not touch frozen surfaces with wet or damp hands.

Clean regularly surfaces that can come in contact with food and accessible drainage systems.

**EXTERIOR** - Use a lukewarm solution of mild soap or detergent to clean the durable finish of your refrigerator. Wipe with a clean, damp cloth and then dry.

For products with a stainless steel 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 appliance wax, bleach, or other products containing chlorine on stainless steel.

**INTERIOR** - Regular cleaning of the interior and interior parts is recommended. If you have the No

Frost model which defrosts automatically, leave both doors open during the entire cleaning process.

Disconnect the power supply, and remove food and all compartment shelves, storage trays etc.

Wash all compartments with a baking soda solution. Rinse and dry.

**INTERIOR PARTS** - Wash compartment shelves, door racks, storage trays, and magnetic door seals etc. with the baking soda solution or a mild detergent and warm water. Rinse and dry.

### WARNING

Always remove power cord from the wall outlet prior to cleaning in the vicinity of electrical parts (lamps, switches, controls, etc.). Wipe up excess moisture with a sponge or cloth to prevent water or liquid from getting into any electrical part and causing a electric shock. Do not use flammable or toxic cleaning liquids.

## GENERAL INFORMATION

### VACATION TIME

During average length vacations, you will probably find it best to leave the refrigerator in operation. Place freezable items in freezer for longer life. When you plan to be away for an extended period, remove all food, disconnect the power cord, clean the interior thoroughly, and leave each door OPEN to prevent odor formation.

### POWER FAILURE

Most power failures are corrected in an hour or two and will not affect your refrigerator temperatures. However, you should minimize the number of door openings while the power is off. During power failures of longer duration, place a block of dry ice on top of your frozen packages.

### IF YOU RELOCATE

If relocating, empty the refrigerator (freezer) completely and wash a mild solution of baking soda and water. (2 TBS soda to 1 quart water) Be sure the soda is completely dissolved to avoid scratching the inside of the refrigerator (freezer). Secure any loose items, such as racks, bins, ice trays, etc. Do not try to move a loaded refrigerator.

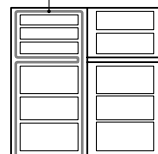
### ANTI-CONDENSATION PIPE

The outside wall of the refrigerator cabinet may sometimes get warm, especially just after installation.

Don't be alarmed. This is due to the anti-condensation pipe, which pumps hot refrigerant to prevent sweating on the outer cabinet wall.

Do not attach any fixture to the refrigerator by drilling, gluing or screwing into it.

Anti-Condensation Pipe





# LAMP REPLACEMENT

## NOTE

- This product uses an LED Lamp which can not be replaced by the user. Please contact authorized service centre for the lamp replacement.

## IMPORTANT WARNINGS

### DO NOT USE AN EXTENSION CORD

Use this appliance on a dedicated circuit; that is, an outlet that is the only outlet on the circuit. Overloading a circuit causes low voltage, malfunction, possible damage to the equipment, and poor cooling capacity. Check your local electric code or consult a qualified electrician if you have questions.

### ACCESSIBILITY SUPPLY PLUG

The refrigerator-freezer should be positioned so that the supply plug is accessible for quick disconnection should an accident happen

### SUPPLY CORD REPLACEMENT

If the supply cord is damaged, it must be replaced by the manufacturer or replacement or a similarly qualified person in order to avoid a hazard.

### ABOUT GROUNDING (EARTHING)

In the event of an electric short circuit, grounding (earthing) reduces the risk of electric shock by providing an escape wire for the electric current. In order to prevent possible electric shock, this appliance must be earthed via the mains plug in accordance to the Australian Standards

Improper use of the mains power plug can result in an electric shock. Consult a qualified electrician service person if the grounding instructions are not completely understood, or if you have doubts on whether the appliance is properly grounded.

### DO NOT MODIFY OR EXTEND THE POWER CORD LENGTH

It will cause electric shock or fire.



### VERY DANGEROUS ATTRACTION

An empty refrigerator can be a dangerous attraction to children. Remove either gaskets, latches, lids or the entire door from your unused appliance, or take some other action to make it harmless.

**Do not store flammable materials, explosives or chemicals in the refrigerator.**

**This appliance is not designed for storage of temperature official medicines, or living plants.**

### WARNING

This appliance is not intended for use by person (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.

### Disposal of the old appliance

This appliance contains fluid (refrigerant, lubricant) and is made of parts and materials which are reusable and/or recyclable.

When disposing any appliance, always call your local city council for advise or possible collection options.

## BEFORE CALLING FOR SERVICE

SERVICE CALLS CAN OFTEN BE AVOIDED!

IF YOU FEEL YOUR REFRIGERATOR IS NOT OPERATING PROPERLY, CHECK THESE POSSIBLE CAUSES FIRST :

PROBLEM	POSSIBLE CAUSES
REFRIGERATOR DOES NOT OPERATE	<ul style="list-style-type: none"><li>● Has a house fuse blown or circuit breaker tripped?</li><li>● Has the power cord plug been removed or loosened from the electrical wall outlet?</li></ul>
REFRIGERATOR OR FREEZER COMPARTMENT TEMPERATURE TOO WARM	<ul style="list-style-type: none"><li>● Temperature control not set on proper position.</li><li>● Appliance is placed close to wall or heat source.</li><li>● Warm weather-frequent door openings.</li><li>● Door left open for a long time.</li><li>● Large amount of foods are kept in the refrigerator.</li></ul>
ABNORMAL NOISE(S)	<ul style="list-style-type: none"><li>● Refrigerator is installed on a weak or uneven surface, or leveling the front feet may be necessary.</li><li>● Unnecessary objects placed in or on the rear side of the refrigerator.</li></ul>
REFRIGERATOR HAS ODOR	<ul style="list-style-type: none"><li>● Foods with strong odors should be tightly covered or wrapped.</li><li>● Interior or deodorizer needs cleaning.</li></ul>
DEW FORMS ON THE CABINET OR INSIDE SURFACE	<ul style="list-style-type: none"><li>● Not unusual during periods of high humidity.</li><li>● Door may have been left ajar.</li></ul>
NO INTERIOR LIGHTING	<ul style="list-style-type: none"><li>● This unit uses led lighting. It cannot be serviced or replaced by the owner. Call the manufacturer for service options.</li></ul>

# SMART DIAGNOSIS (Only for applied models)

Smart diagnosis function is...



Note: Smart Diagnosis will not operate if the refrigerator has a power problem.

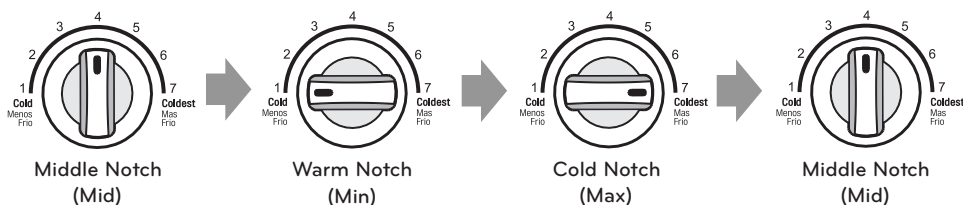
Use this function when calling the Customer Call Centre and receive precise diagnosis when the refrigerator malfunctions or fails. Use it only when advised by the consultant and not otherwise.

## How to use the function

First, call to the LG service center. Only use the Smart Diagnosis feature when instructed to do so by the LG call center agent.

### 1. Open all the doors of the refrigerator.

- SDS can be activated even whilst there is an operational error, other than a power problem.



### 2. Turn knob to Middle notch.

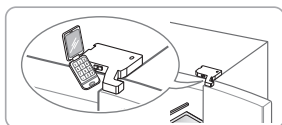
### 3. Turn knob to Warm notch and keep that status for 2sec.

### 4. Turn knob to Cold notch within 3sec and keep that status for 2sec.

### 5. Turn knob to Middle notch within 3sec and keep that status for 2sec.

### 6. Place the phone near the speaker hole in the top right hand side door hinge

Ensure the microphone of the telephone is toward the speaker hole.



**Do not take away the telephone while data is being transmitted.**

During the data transmission for smart diagnosis, hold the telephone 10cm away from the speaker hole and avoid any background noises.

## ⚠ CAUTION

The transmission sound may be irritating. Do not take away the telephone until the sound stops.

### 7. When SDS is activated a beep will sound 4times.

(Frequency of SDS activation beep sound is 2000Hz, 0.2sec Off/ 0.2sec On 4times)

### 8. The SDS sound will commence shortly after the 4 beeps.

### 9. After the completion of the data transmission, the consultant will explain the result of the smart diagnosis and advise accordingly.

When the data transmission is completed, the refrigerator will be automatically turned off and on a few seconds later.

## Be aware!

- Differences in signal strength and quality may have influence on the function.
- If you use a home phone, it may offer a better result if a mobile phone cannot successfully transmit the SDS tones.
- Smart diagnosis data transmission may not be successful if the call is made from a mobile phone with poor cell reception

