

OWNER'S MANUAL

REFRIGERATOR

FREEZER

Please read this manual carefully before operating your set and retain it for future reference.



MFL62883377
Rev.00_030217

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Introduction

Registration

The model and serial number are found on the rear of this unit. This number is unique to this unit and not available to others. You should record requested information here and retain this guide as a permanent record of your purchase. Staple your receipt here.

Date of Purchase : _____

Dealer Purchased From : _____

Dealer Address : _____

Dealer Phone No. : _____


Model No. : _____


Serial No. : _____


Important Safety Instruction


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 hazards that can kill or 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 DANGER, WARNING, or CAUTION. These words mean:

 **DANGER** Important safety instructions must be followed carefully. If not, this can result in serious injury or death.

 **WARNING** Important safety instructions must be followed carefully. If not, this can result in serious injury or death.

 **CAUTION** Indicates an imminent hazard, which if not avoided can result in personal injury or damage to the product.

Before it is used, this refrigerator must be properly installed and located in accordance with the installation instructions in this document.

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.

Important Safety Instruction

⚠ 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.

1. When connecting the power

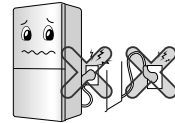
A dedicated outlet should be used.

- Using several devices at one outlet may cause fire.
- If ELCB (Earth leakage circuit breaker) is tripped, food inside fridge will spoil.



Do not allow the power plug to face upward or to be squeezed at the back of the fridge-freezer.

Water may flow into the socket and cause fire and electric shock.



Do not allow the power cord to be bent or crushed by the refrigerator or any other heavy object.

This can damage the power cord and cause fire and electric shock.



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

This can cause electric shock or fire due to non electrical compliance.



Unplug the power plug when cleaning, handling or replacing the interior lamp of the fridge-freezer.

- Failing to do this may cause electric shock or injury.
- When replacing the interior lamp of the fridge-freezer, make sure that any rubber is not removed from the socket, and that the socket is not altered in any way.

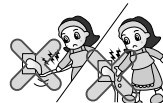


Should this appliance be fitted with LED internal lighting, please call the manufacturer for service in the event of a problem with the LED lighting.

Important Safety Instruction

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

- It may cause electric shock or injury.



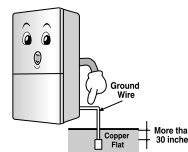
Remove water or dust from the power plug and insert it with the ends of the pins securely connected.

Dust, water or an unsecure connection to the power outlet may cause fire or electric shock.



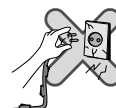
Ensure that a proper earthed power outlet is used.

A poorly earthed connection or power outlet may cause malfunction and electric shock.



Do not operate the refrigerator if the plug or lead is damaged, or the plug is loose in the power outlet.

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



2. When using the fridge-freezer

Do not place any heavy or dangerous objects (including contained fluids, vases or cups) on top of the refrigerator.

Objects can fall or spill and cause injury, fire or electric shock if they come into contact with the power cord.



Do not allow any persons to climb, swing or rest on the doors, or door shelves, or any other part of the refrigerator.

It can cause the unit to fall or tip over and cause serious injury.



Important Safety Instruction

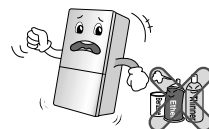
Do not install the fridge-freezer in an outdoor sheltered area or where it can be exposed to humidity or wet weathering or direct sunlight.

Water penetration and deterioration to insulation of electric parts may cause electric shock or fire.



Do not store inflammable materials such as solvents, ether, benzene, alcohol, medicine, LP Gas, aerosol cans, and cosmetics near or in the refrigerator.

They can cause an explosion or fire.

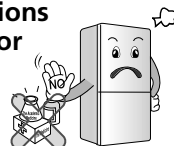


Do not place a lit candle with in the fridge-freezer to deodorize. Do not use a drier to dry the inside, nor light a candle to remove odor.

It may cause explosion or fire.

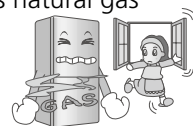


Do not store any medicine in the refrigerator UNLESS specified by the medicine instructions. Do not store scientific materials, chemicals or solutions inside the refrigerator. This refrigerator is intended for domestic food storage applications. It should not be used for mobile applications or commercial purposes.



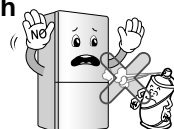
If gas is leaked, do not touch the fridge-freezer or the outlet and ventilate the room immediately.

Static or sparks could trigger an explosion of fire and cause burns. Because this fridge-freezer uses natural gas (isobutene, R600a) as the environment-friendly refrigerant, even a small amount (80~90g) is combustible. If there is a gas leak as a result of severe damage during delivering, installing or using the fridge-freezer, any spark may cause fire or burn.



Do not use any combustible sprays near the fridge-freezer. Do not store explosive substances such as aerosol cans with a flammable propellant in this appliance.

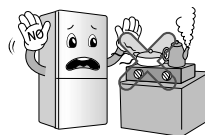
It may cause fire.



Important Safety Instruction

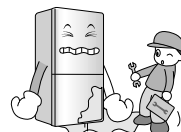
Avoid placing the refrigerator near any heating devices or sources.

It may cause fire.



If fridge has been submerged in water , do not plug in or turn it on. This may cause electric shock or fire.

It should be checked by a qualified person before plugging it in.



Do not spray water on the inside or outside fridge surface, and DO NOT clean the refrigerator with benzene, thinners or other hazardous chemicals.

Doing so can cause corrosion, odour contamination, fire and electric shock.

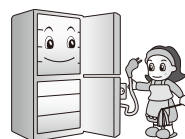


Unplug the power plug when cleaning, handling or replacing the interior lamp (were fitted) of the fridge-freezer.

It may cause electric shock or injury.

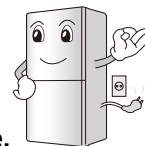
When replacing the interior lamp of the fridge-freezer, make sure that the rubber ring for preventing a spark

within the socket is not taken off. If the unit has LED internal lighting, call the manufacturer for service in the even that it has malfunctioned. do not attempt to remove the LED lighting module..



In case of a severe electrical storm, remove the power cord from the power outlet until the storm eases and avoid opening the doors during that time.

There is a danger of electric shock or fire.



Do not place flower vase, cup, cosmetics, medicine or any container with water on the fridge-freezer.

It may cause fire, electric shock or injury if they spill.



Upon opening or closing of the door, unstable objects may spill or, fall, and result in injury.

It may cause fire, electric shock or injury.



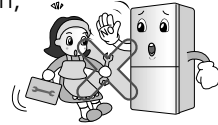
Important Safety Instruction

If any strange smell or smoke is detected from the fridge-freezer, disconnect the power plug immediately and contact an LG Authorised Service Centre.

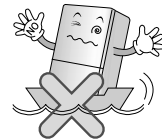


Do not allow any person except qualified technicians to repair, disassemble, or alter the refrigerator.

Not doing so could cause a malfunction, fire and possible electric shock.



Do not use the fridge-freezer for non-domestic purposes (storage of medicines or testing materials etc.). It must be used for domestic food storage applications only. Doing so may cause a fire, electric shock and other unexpected hazards.



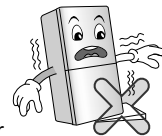
When disposing the fridge-freezer, remove the doors and power cord to prevent potential serious injury and safety hazards to children and others.



Install the fridge-freezer on a solid and level floor.

Installing it in an unstable place may cause it to fall resulting in serious injury and damage to the refrigerator.

The refrigerator's stability can be checked by opening and closing the door.



Important Safety Instruction

Do not put hands or other objects into the rear service panel for any reason.

Doing so can cause serious injury, malfunction, fire and electric shock.



When you want to dispose the fridge-freezer, contact your local council. They may be able to assist you with the disposal.



Avoid contact of fats and oils (including vegetable) onto plastic parts of the refrigerator.

This causes the plastic to discolour and weaken.



⚠ CAUTION

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

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

It may cause frostbite.



If the refrigerator requires disconnection from the mains for any reason, please wait 5 minutes before reconnecting to avoid any direct malfunction.

After reconnecting, the compressor will then operate after a further 3 minutes.



Do not put bottles or cans in the freezer.

The contents may freeze causing them to shatter or split.



Do not remove the power plug from the power outlet by pulling it from the cord. It could cause damage to the cord, electrical short circuit, and electric shock.



The power outlet should be easily accessible in the event of necessary quick disconnection.

When one door of the refrigerator is closed abruptly, another door may open, this is normal as the refrigerator compartments are connected by air ducts.

Important Safety Instruction

Do not install the fridge-freezer in a wet place or a place which water or rain splashes such as an outdoor sheltered area.

Deterioration of the insulation of electric parts may cause electric leakage or electric shock.



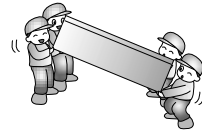
Do not insert the hands into the bottom of the fridge-freezer.

The iron plate of the bottom may cause injury.



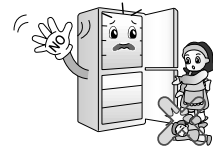
Carry the fridge-freezer with the handle bar at the bottom of the front and the top of the rear.

Otherwise, your hands could slip and be injured.

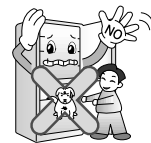


Because opening or closing the door of the fridge-freezer may cause injury to the person around it, be careful, please.

Opening or closing the door may cause feet or hands to be caught in the door hinges, or child to be hurt by the door edge.



Do not put any living animal in the fridge-freezer.



⚠ CAUTION

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.

Important Safety Instruction

⚠ WARNING

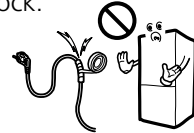
Precaution

- This fridge-freezer must be properly installed and located in accordance with the Installation Instruction before it is used.
- Never unplug your fridge-freezer by pulling on the power cord. Always grip plug firmly and pull straight out from the outlet.
- When moving your appliance away from the wall, be careful not to roll over or damage the power cord.
- After your fridge-freezer is in operation, do not touch the cold surfaces in the freezer compartment, particularly when hands are damp or wet. Skin may adhere to these extremely cold surfaces.
- Pull out the power plug prior to cleaning the fridge-freezer.
Never damage, severely bend, pull out, or twist the power cord because power cord damage may cause a fire or electric shock.
Never place glass products in the freezer because they may be broken when their inner contents are frozen.
- Do not directly spray water inside or outside the fridge/freezer.
This can cause an electrical hazard, electric shock or fire.
- Do not insert the power plug with wet hands.
You may receive an electric shock.
- Do not put a container filled with water on top of the appliance.
If the water spills on to any electrical parts, it may lead to fire or electric shock.
- Do not install the fridge/freezer in a damp place, where it could be splashed with water.
Wet insulation, or electrical parts may cause an electric shock or fire.

Important Safety Instruction

- Do not disassemble, repair or alter the appliance. It may cause fire or abnormal operations, which may lead to injury.
- Pull the power plug out of the socket before replacing the interior lamp (if fitted) in the refrigerator. If the refrigerator has LED lighting, call the manufacturer for service in the event that it malfunctions. do not remove the LED module.

Otherwise, there is a risk of electric shock. It may cause electric shock or fire.



Do not modify or extend the Power Cord length

Don't Use on Extension Cord

Accessibility of Supply Plug

Supply Cord Replacement

⚠ DANGER

Don't store

Grounding (Earthing)

If possible, connect the fridge-freezer to its own individual electrical outlet to prevent it and other appliances or household lights from causing an overload.

The supply plug of the refrigerator-freezer should be placed in easy accessible position for quick disconnection in emergency.

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

Risk of child entrapment.

Before you throw away your old refrigerator or freezer: Take off the doors.

Leave the shelves in place so that children may not easily climb inside.

Don't store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance. 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 grounded. Improper use of the grounding plug can result in an electric shock. Consult a qualified electrician or service person if the grounding instructions are not completely understood, or if you have doubts on whether the appliance is properly grounded.






⚠ CAUTION

Important Safety Instruction

- If the wall socket is loose, do not insert the power plug.
It may cause electric shock or fire.
- Never unplug your refrigerator by pulling on the power cord. Always grip plug firmly and pull it straight out from the outlet.
You may disconnect a wire and cause a short circuit.
- Do not use a wet or damp cloth when cleaning the plug. Remove any foreign matter from the power plug pins.
Otherwise, there is a risk of fire.
- Do not put your hands into the bottom area of the appliance.
Any Sharp edges may cause personal injury..
- After unplugging the appliance, wait for at least five minutes before plugging it again to the wall socket.
Abnormal operation of the freezer may cause material damage.
- If the appliance is not to be used for a long time, pull out the power plug.
Any deterioration in the insulation may cause fire.
- Do not let children touch or play with the control panel on the front of the appliance.
- The refrigerant used in fridge/freezer and the gases in the insulation material require special disposal procedures. Ensure that none of the pipes on the back of the appliances are damaged prior to disposal.

Important Safety Instruction

WARNING

-  Keep ventilation openings, in the appliance enclosure or 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 compartments 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 service agent or a similarly qualified person.

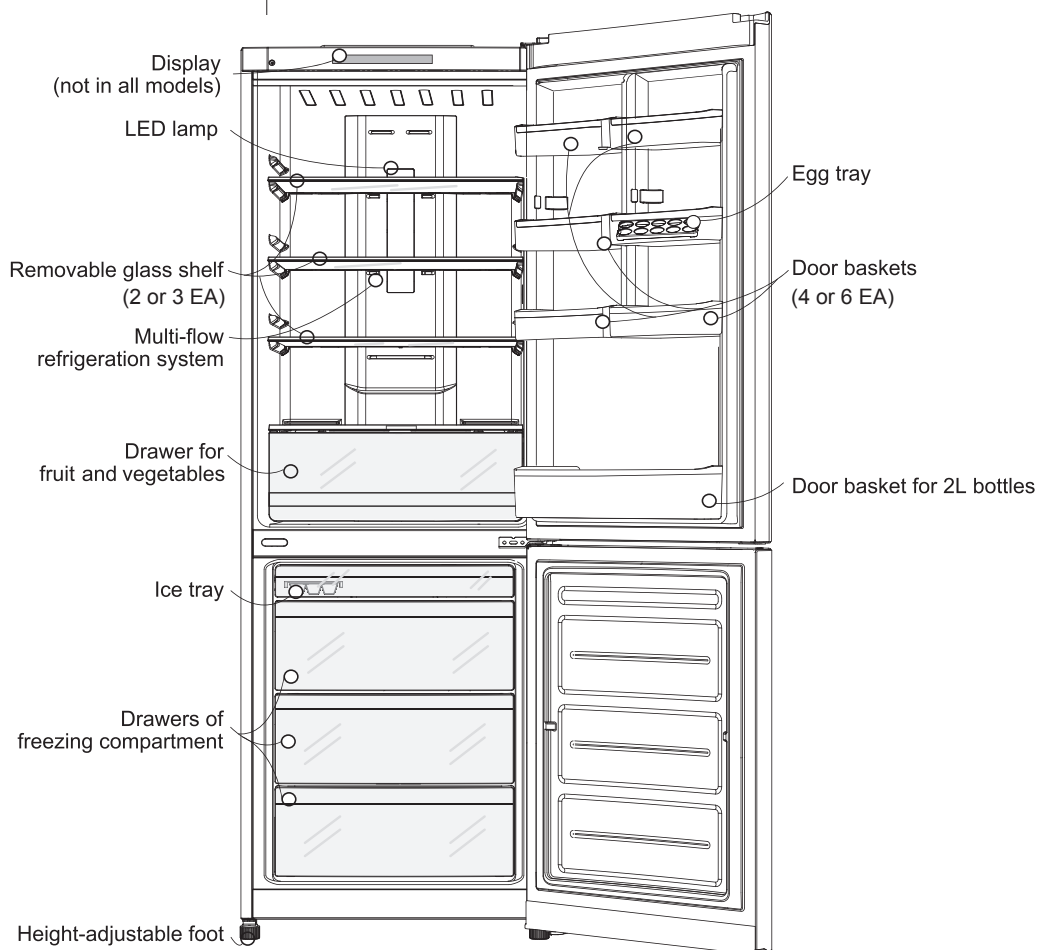


This appliance contains a small amount of isobutane refrigerant (R600a), natural gas with high environmental compatibility, but it is also combustible. When transporting and installing the appliance, care should be taken to ensure that no parts of the refrigerating circuit are damaged. Refrigerant squirting out of the pipes could ignite or cause an eye injury. 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 may be sited depends on the amount of refrigerant used. The room must be 1m² in size for every 8g of R600a refrigerant inside the appliance. The amount of refrigerant in your particular appliance is shown on the identification plate inside the appliance.

Never start up an appliance showing any signs of damage. If in doubt, consult your dealer.



Identification of Parts



Note

If you find some parts or accessories missing from your unit, they may be parts only used in other models.

Installation

- Choose a suitable place. Locate the refrigerator in a place convenient for its use;
- The refrigerator is not a built-in appliance. Free space not less than 5 cm should be provided from above, from its rear and side faces for air circulation and reduction of power consumption. Fig.1;
- Do not install the refrigerator near heat sources and in a zone exposed to direct sunlight or high humidity;
- Make sure that electrical voltage indicated in the manual meets the parameters of your mains voltage. It should only be connected to a town mains supply.
- Do not remove the round stickers on the rear side of the refrigerator. They have a decorative function closing the fabrication holes;
- To exclude vibration, check the refrigerator installation using a level. If necessary, turn the adjustable front feet to compensate irregularity of the floor.
To raise the front part of the refrigerator, turn the adjustable front feet counter-clockwise () to lower it – turn them clockwise ();
- This appliance is intended to be used in household and similar applications such as staff kitchen areas, offices and other working environments; and by clients in hotels, motels and other residential type environments; bed and breakfast type environments; it is not intended for mobile or commercial applications.
- Do not store explosive substances such as aerosol cans with a flammable propellant in this appliance.
- To ensure proper air circulation around the fridge-freezer, please maintain sufficient space on both the sides as well as top and maintain at least 2 inches (5cm) from the rear wall.
- Before use, carefully wash the refrigerator;
- Install the removable parts, such as ice tray, etc. to the appropriate places as it is necessary to prevent possible damages during transportation;
- Insert the power cord plug to the power outlet. Do not power other electric appliances from the same outlet.

Starting

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

If power plug is disconnected, allow 5 minutes delay before restarting.

Your fridge-freezer is now ready for use.

Note

Do not move refrigerator while the refrigerator is operating. Compressor may occur a temporary rattling noise. (This is normal and will not impact on the performance or the life of the compressor. The rattling will stop after the refrigerator comes to a rest.)

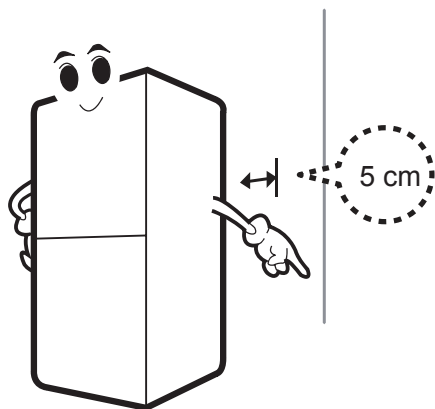
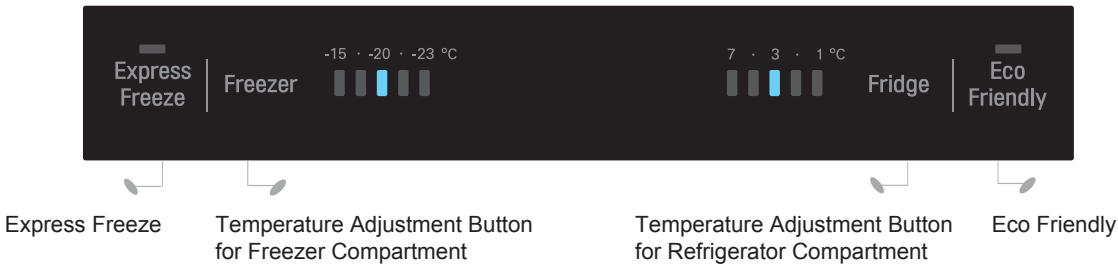


Figure 1. Installation of refrigerator from the wall

NOTE

To get higher operational efficiency of the refrigerator,
Maintain at least 5cm from the wall

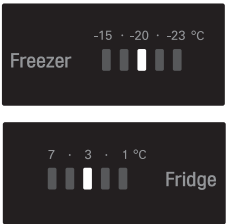
CONTROL PANEL



- The actual control panel may differ from model to model.
- Features may vary depending on the model.

TEMPERATURE CONTROL

The initial temperature in the refrigeration and freezing compartments is 3 °C and -20 °C, respectively. If you wish, you can change it by pushing the temperature control button of the appropriate compartment.



NOTE

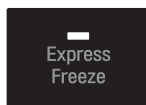
Temperature indicated on the LED display is a target value, since actual temperature inside the refrigerator varies depending on intensity of exposure to external factors, such as temperature of placed food items and door opening frequency. The refrigerator may take up to 3 days to settle into a cooling pattern after initially installed. Please readjust the temperature as above if necessary after using the refrigerator for 2 ~ 3 days.

EXPRESS FREEZE

Select this function for prompt freezing.

This function is used when you want to freeze the foods quickly. Press the Express Freeze button once, and then the quick freeze operation starts and the Express Freeze lamp will be on.

The Express Freeze operation takes about 24 hrs. When its operation ends, it automatically returns to the previous temperature setting. If you want to stop the quick freeze operation manually, press the Express Freeze button once more, the lamp goes out, and the Express Freeze operation stops and the refrigerator returns to the previous temperature setting.

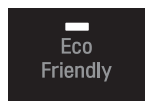


The Express Freeze indicator remains on after the Express Freeze function is selected.

Eco Friendly

This function makes the refrigerator work in a power saving mode which is useful for when you are away on holiday, by reducing energy consumption.

Pressing "Eco Friendly" starts the operation and turns the lamp on and pressing it again stops the operation.



NOTE

When the Eco Friendly mode is "ON", the Refrigerator, Freezer temperature buttons and Express Freezing function will not operate. To cancel the Eco Friendly mode, press the Eco Friendly button off so that the other buttons work and the refrigerator returns to the previous temperature setting.

Self Test

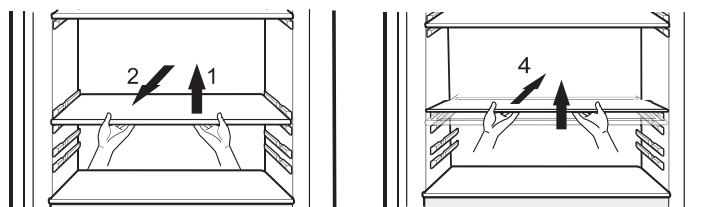
This function automatically detects certain malfunctions when the refrigerator is in use.

When a malfunction occurs, the temperature display locks out and cannot be changed. Do not turn off the power. Call your nearest service provider so that they can diagnose the display indicators. If the power is turned off the error message will be reset and may be difficult to properly diagnose.

REMOVAL AND INSTALLATION OF DETACHABLE GLASS SHELF

To remove a shelf from the refrigerator, first slightly raise it (1) and then pull (2). Improper removal may result in damage of internal parts in the refrigerator.

To install a shelf to the refrigerator, proceed in the same way: first raise the front edge of the shelf (3) and then locate it into the refrigerator (4). Improper installation may result in damage of internal parts in the refrigerator.



REMOVAL AND INSTALLATION OF DRAWERS IN REFRIGERATION COMPARTMENT

To remove the lower drawer from the refrigerator compartment, proceed as follows:

- Remove the lower basket from the door by gently raising the basket;
- Pull the drawer out as far as it will go, then raise the front and continue to pull out.
- Raise the drawer cover by the front part and pull to remove it;
- To install the drawer back, proceed in the reverse sequence.



⚠ CAUTION!

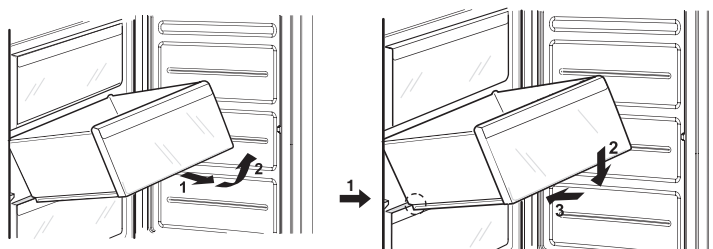
Improper removal and installation may result in damage of internal parts in the refrigerator.

REMOVAL AND INSTALLATION OF DRAWERS IN FREEZING COMPARTMENT

Always empty the drawers before removing them.

To remove any drawer of the freezing compartment, proceed as follows:

1. Pull the drawer all the way out as far as it will go.
2. Raise it at the front and continue to pull it out.



To install any drawer back into the freezing compartment, proceed in the reverse sequence:

1. Place the drawer onto the guides at an angle 45°;
2. Lower the front part of the drawer in parallel to the guides as you push it in.
3. Push the drawer all the way in.

Do not apply excessive force to remove the drawers and shelves – this may result in damage of the refrigerator.

NOTE

The warranty does not cover mechanical damages (cracks, shears, dents, scratches, chips, etc.) caused by violation of the refrigerator storage, transportation, operation, and maintenance instructions, and by application of excessive force.

⚠ CAUTION!

Do not apply excessive force to remove the drawers and shelves – this may result in damage of the refrigerator.

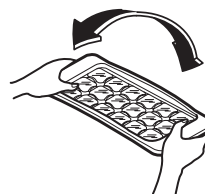
ICE PREPARATION

Fill the ice tray with water and place it to the freezing compartment.



If ice cubes are required as soon as possible, activate the "Express Freeze " function.

To remove ice cubes, hold the tray on ends and slightly bend it.



ADVICE

To easily remove cubes, water the tray in advance.

⚠ WARNING

Fill with potable water only.

Freezer Compartment (Optional)

If a large quantity of food is to be placed in the freezer compartment, The middle drawer of freezer compartment shall be taken out of the appliance and food Freezer compartment provides wire shelf on default to maximize food storage capacity. And also the drawer is provided to convenient usage for watery meat or half-liquid state food.



To Reverse the Doors (Optional)

Your fridge-freezer is designed with reversible doors, so that they may open from either the left or right hand side to suit your kitchen design.

⚠ CAUTION!

However, when you want to reverse the doors, you must call to service agent.

Reversing the doors is not covered by the warranty.

Storing Food**Storing Food**

- Do not store food which goes bad easily at low temperature, such as banana, and melon.
- Allow hot food to cool prior to storing. Placing hot food in the fridge-freezer could spoil other food, and lead to higher electric bills.
- When storing the food, use 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 cold air keeps fridge-freezer temperature even.
- Do not open the door frequently. Opening the door lets warm air enter the fridge-freezer, and cause temperature to rise.
- To adjust the temperature control easily, do not store food near the temperature control dial.
- Never keep too many foods in door rack, as this may stop the door from fully closing.
- Do not store bottles or cans in the freezer compartment - they may break when frozen.
- Do not refreeze food that has been thawed. This causes loss of taste and nutrition.
- If it is necessary to quickly freeze fresh food items, place them to the lower drawer of the freezing compartment and push the "Express Freeze" button;
- Frozen food items should be stored packed (in polyethylene film, aluminum foil, etc.) in the freezing compartment;

Note

If you keep the fridge-freezer in a hot, and humid place, frequently open its door or put a lot of vegetables in it, dew or frost may form in it, which has no effect on its performance. Remove the dew and frost a dust free cloth.

Power Failure

DURING MOVE

BEFORE SWITCHING ON

⚠ CAUTION!

REFRIGERATOR OPERATION
FEATURES

Anti Condensation
Pipe

General Information

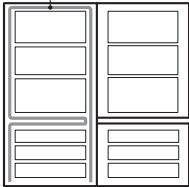
- 1~2 hour power failure does no harm to the stored foods.
Try to avoid opening and closing the door too frequently.
- Remove all food items and other objects from the refrigerator
Firmly secure the internal detachable parts (shelves, drawers, door baskets);
- To avoid damage of the floor and adjustable front feet of the refrigerator, turn them counter-clockwise before transportation;
- The refrigerator should be firmly secured to prevent it from dislodging or moving during transportation.
- The refrigerator should be transported in a vertical position in a suitable vehicle.
The original package should not be damaged during the initial transportation;
- During loading and unloading, the refrigerator should be protected against impacts.
- If the refrigerator is transported during a cold season, unpack the refrigerator in a warm room and do not switch on it for at least 12 hours.

Do not move or incline the refrigerator during its operation.
Noise may occur in the compressor.
This feature does not affect operability of compressor. if the noise does not stop within 10 seconds, then turn off the refrigerator, wait for 1 minute then turn back on again.

Cracking noise may be heard due to thermal changes of the refrigerator components.
Typical sounds from activation of the thermostatic controller and compressor are normal sounds occurring during operation of electric equipment in the appliance.
The refrigerant circulating inside the refrigeration system may calmly gurgle, even if the compressor is not in operation.
Do not worry, this is absolutely normal.
The following sounds may be heard during operation of the refrigerator:
- Clicks from actuation of the temperature sensor/switch;
- Murmur of the refrigerant circulating in tubes of the refrigeration system;
- Slight cracking noise from thermal changes of internal parts.
These sounds are not associated with any defect and they have a functional aspect.

- The Anti-Condensation pipe is installed around the front side of fridge-freezer as well as on the partition between fridge compartment and freezer compartment to prevent dew, or sweating.
- Especially after installation or when ambient temperature is high, the fridge-freezer may feel hot, which is quite normal.

Anti-Condensation
Pipe



Cleaning

Before Cleaning

Be sure to unplug the power.

Exterior

Clean the outside of the fridge-freezer with a soft cloth soaked with hot water or liquid dishwashing detergent. If you use a detergent, be sure to wipe it with a clean wet cloth.

For products with a stainless steel exterior, use a clean sponge or soft cloth and a mild dish washing 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

As above.

After Cleaning

Check that the power cord is not damaged, power plug has not overheated, and that the power plug is firmly inserted into the outlet.

CAUTION!

Be sure to dry the appliance with a cloth after washing it with water.

Do not use abrasive, petroleum, benzene, thinner, hydrochloride acid, boiling water, harsh brushes, etc, as they may damage parts of the fridge-freezer.

Trouble Shooting

Before calling for service, check this list.

It may save you both time and expense.

This list includes common occurrences that are not the result of defective workmanship or materials in this appliance.

Possible Causes

Problem
Fridge-Freezer
does not operate

- **Power plug may be unplugged from the electric outlet.**
Plug it in securely.

- **House fuse has blown or circuit breaker has tripped.**
Check and/or replace fuse and reset circuit breaker.

- **Power cut.**
Check other power outlets.

Fridge or Freezer
Compartment
Temperature too
warm

- **Temperature control not set on proper position.**
Refer to Temperature Control section.

- **Appliance is placed close to heat source.**

- **Warm weather-frequent door openings.**

- **Door left open for a long time.**

- **Package holding door open or blocking air duct in freezer compartment.**

- **The floor on which the fridge-freezer is installed may be uneven or the fridge-freezer may be unstable.**
Make it even by rotating front leveling feet.

- **Unnecessary objects placed in the back side of the fridge-freezer.**

- **Door may have been left ajar or package holding door open.**

- **Too frequent or too long door openings.**

- **Frost within package is normal.**

Frost or Ice
Crystals on frozen
Food

- **This phenomenon is likely to occur in a wet space.**
Wipe it with a dry towel.

- **Too frequent or too long door openings.**

- **In humid weather, air carries moisture into fridge when doors are opened.**

- **Foods with strong odors should be tightly covered or wrapped.**
Check for spoiled food.

- **Interior needs cleaning.**
Refer to CLEANING section

- **Food package is keeping door open.**
Move packages that keep door from closing.

- **Fridge-freezer is not level.**
Adjust the front leveling feet.

- **The floor on which the fridge-freezer is installed may be uneven or the fridge-freezer may be unstable.**
Slightly raise the front side with the front leveling feet.

Moisture forms on
Cabinet Surface
Moisture collects
inside

Fridge has odor

Door not closing
properly

Interior light does
not work

- **No power at outlet.**

- **Light lamp needs replacing or faulty LED module.**
Refer to the Lamp Replacement section. if fitted with LED lighting, call the manufacturer for a service technician.
DO NOT ATTEMPT TO REMOVE THE LED MODULE.

SMART DIAGNOSIS SMART DIAGNOSIS™

Should you experience any problems with your refrigerator, it has the capability of transmitting data via your telephone to the LG service center. This gives you the capability of speaking directly to our trained specialists. The specialist records the data transmitted from your machine and uses it to analyze the issue, providing a fast and effective diagnosis.

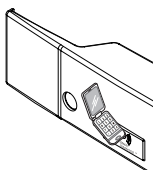
If you experience problems with your refrigerator, call the phone No. of LG Customer Information Center. Only use the Smart Diagnosis feature when instructed to do so by the LG call center agent. The transmission sounds that you will hear are normal and sound similar to a fax machine.

Smart Diagnosis cannot be activated unless your refrigerator is connected to power. If your refrigerator is unable to turn on, then troubleshooting must be done without using Smart Diagnosis.

Using Smart Diagnosis

First, call the phone No. of LG Customer Information Center. Only use the Smart Diagnosis feature when instructed to do so by the LG call center agent.

- 1 Open the refrigerator door.
- 2 Hold the mouthpiece of your phone in front of the speaker that is located on the right hinge of the refrigerator door, when instructed to do so by the call center.



- 3 Press and hold the Freezer Temperature button for three seconds while continuing to hold your phone to the speaker.

Freezer

- 4 After you hear three beeps, release the Freezer Temperature button.
- 5 Keep the phone in place until the tone transmission has finished. This takes about 15 seconds, and the display will count down the time. Once the countdown is over and the tones have stopped, resume your conversation with the specialist, who will then be able to assist you in using the information transmitted for analysis.

! NOTE

- For best results, do not move the phone while the tones are being transmitted.
- If the call center agent is not able to get an accurate recording of the data, you may be asked to try again.

! NOTE

- Call quality differences by region may affect the function.
- Use the home telephone for better communication performance, resulting in better service.
- Bad call quality may result in poor data transmission from your phone to the call center, which could cause Smart Diagnosis to not work properly.

It is Normal

It is normal...

The following occurrences are normal.

	Occurrence	Solution
Noise	When you hear "Tak" or "Took" sound	This is the sound of various parts expanding/contracting or various control devices operating depending on the temperature change within the refrigerator.
	When you hear "Deureureuk~", "Dulkuk" or "Woong" sound	This is the compressor or fan operating when the operation of the refrigerator is starting or ending. This is the same phenomenon of the sound generated when starting or turning off the engine of a car.
	When you hear "Kureureuk" sound of water flowing	This is the sound of refrigerator changing the condition in the freezer/refrigerator. When the liquid changes to gas, you will hear the sound of water flowing and when gas changes to liquid, you will hear the "Kureureuk" sound.
	When you hear the sound of wind such as "Shoo~" or "Shik" right after you close the door	This is the sound generated when the internal pressure is temporarily lowered when the warm air entered through the refrigerator or freezer is rapidly cooled.
	When you hear a vibrating sound	If the refrigerator is installed on wooden floor or wooden wall, or if the refrigerator is not leveled properly, the sound can be loud from the vibration.
	When you hear a loud sound after installing the product for the first time	When you operate the refrigerator for the first time, the refrigerator will operate at high speed to cool fast and the sound can seem louder. When the internal temperature falls below a certain level, the noise will subside.
Door open	When the door is slightly opened after closing the door	Depending on the force or speed of closing the refrigerator or freezer door, the door can open slightly and then close again. Be careful not to close the door too hard.
Icing/ Dew drops	When there is icing or dew drops formed on the inner or outer side of the refrigerator	When warm external air flows into the cool inner surface of the refrigerator, icing /dew drops can be formed. Especially, this will happen more easily when you open and close the refrigerator door more frequently. Also if the humidity of the installed location is high or during the rainy season or a rainy day, condensation can form on the outer side of the refrigerator. This is a natural phenomenon that occurs during the humid weather. Wipe the condensation with a dry cloth.
Temperature	When the front side of the refrigerator is warm	Heat pipes are installed around the front part of the refrigerator and on the divider of the freezer and refrigerator to prevent condensation from forming. The refrigerator may feel warmer after the installation or during summer, this is not a malfunction and is a normal occurrence.

