LG
Life's Good

ENGLISH

OWNER'S MANUAL

REFRIGERATOR

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

MFL66993319
Rev.39_17032021

www.lg.com

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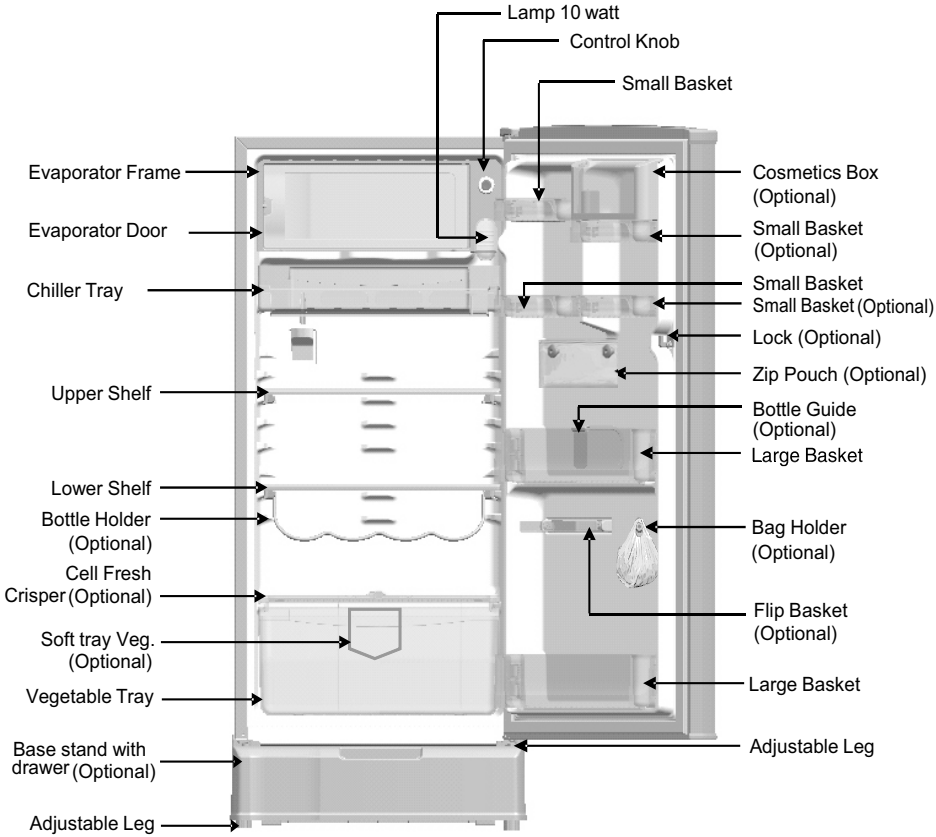
CONTENTS

Page No.

1. Identification of Parts 4
2. Safety Precautions 5
3. Warning..... 5
4. Caution 6
5. Installation 7
6. Identification of Controls 7
7. Features 8
8. Operating Procedures 9
9. Lamp Replacement 9
10 How to get good results 9
11. Before Calling for Service 11

Identification of parts

DC-Refrigerator



NOTE

- Due to continuous improvements at LG, specifications of refrigerator are subject to change without prior notice.
- If you find out some parts which are not in your unit, the parts are applied to other models.

Safety Precautions

■ The meanings of the symbols used in this manual are as shown below.

⚠DANGER	This symbol indicates the possibility of death or serious injury.
⚠WARNING	This symbol indicates the possibility of injury or damage to properties only.
⚠CAUTION	This symbol alerts you to the risk of electric shock.

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 1m² in size for every 8g 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.

⚠WARNING



Do not modify or extend the Power Cord length.
• It will cause electric shock or fire.
Power Cord Replacement

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

It may cause electric shock or short circuit to make fire.



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

Child Entrapment Warning



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

About earthing

In the event of an electric short circuit, earthing reduces the risk of electric shock by providing an escape wire for the electric current.



Improper use of the earthing 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 earthed.

In order to prevent possible electric shock, this appliance must be earthed.

NEVER STORE EXPLOSIVES AND CHEMICALS INSIDE REFRIGERATOR.



Unplug the appliance before cleaning or maintenance. Never place glass products in the freezer because they may break due to expansion when their contents are frozen.

- Keep hands away from the hinge during opening and closing the door, may get injury.
- 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.



- Keep the ventilation openings, in the appliance enclosure or in the built-in structure, clear of obstruction.
- For disposal of the product it is required to be handled over to authorized recycler only.

Disposal

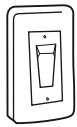
- When discarding the appliance, remove the door gasket while leaving the shelves and baskets in place and keep children away from the appliance.
- Dispose of all packaging materials (such as plastic bags and styrofoam) away from children. The packaging materials can cause suffocation.

Technical Safety

- 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.
- Refrigerant leaking out of the pipes could ignite or cause an explosion.

⚠ CAUTION

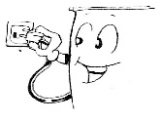
To prevent injury to the user and property damage, the following instructions must be followed. Incorrect operation due to ignoring of instruction will cause harm or damage, the seriousness is classified by the following indications.

Plug in the power socket properly.	**Operate or stop the unit by switch only.**	**Do not use a damaged or an unspecified power cord.**
Otherwise, it will cause electric shock or fire due to heat generation or electrical shock. 	It will cause electrical shock or fire due to heat generation. 	It will cause electrical shock or fire. If the supply cord is damaged, it must be replaced by a special cord or assembly available from the manufacturer or its service agent. 
Do not modify power cord length or share the outlet with other appliances.	**Do not operate with wet hands or in damp environment.**	**Do not splash water on your refrigerator.**
It will cause electrical shock or fire due to heat generation. 	It may cause electrical shock. 	It may cause short circuit. 

- **Children should be supervised to ensure that they do not play with the appliance.**
- **This appliance is intended to be used in household and similar applications such as**
  - staff kitchen areas in shops, offices and other working environment .
  - farm houses and by clients in hotels, motels and other residential type environment.
  - bed and breakfast type environment.
  - catering and similar non-retail applications.
- **Do not store explosive substances such as aerosol cans with a flammable propellant in this appliance.**
- 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.

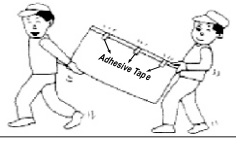
During Vacations

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 odour formation. To operate again, let the refrigerator run for 6-8 hrs. for stabilization.



Shifting

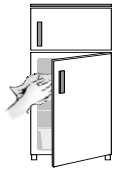
While shifting the refrigerator, two people should carry it for its safety. Fasten the door with tape or lock to prevent opening of the refrigerator.



Cleaning

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 discoloration or damage to the appliance.
- Flammable substances: alcohol (ethanol, methanol, isopropyl alcohol, isobutyl alcohol, etc.), thinner, bleach, benzene, flammable liquid, abrasive, etc.



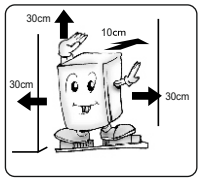
Installation

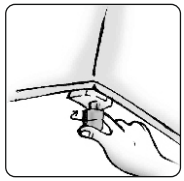
Refrigerator should be located properly in ventilated area.
Levelling of refrigerator should be done with front leg. Refrigerator should be levelled with front to back inclination for base. Install this appliance between 10°C to 43°C. If the temperature around the appliance is too low or high, cooling ability may reduce.

Do not place refrigerator where direct sunlight comes.

⋆ In case of Base stand model,leveling of refrigerator should be done with front leg of Base Stand.



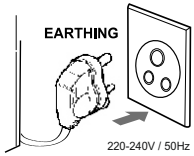




⋆ In selected models only.

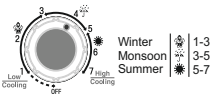
Identification of Controls

Use electrical connection with 3-pin for earthing.



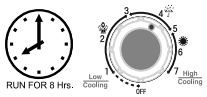
Specially designed knob gives you facility to control temperature inside Refrigerator.

TEMPERATURE SETTING



Before loading, let refrigerator run for 8 hrs. in No. 4 position

STARTING



Features

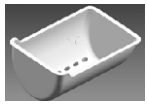
★ COSMETIC BOX

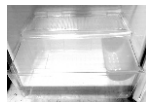
Specified storage location for cosmetics and medicines.
(only those medicines which can be placed in refrigerator)



★ SOFT TRAY VEG.

Soft Tray Veg. is placed in Tray Veg. And very usefull to keep small vegetables like Lemon, Chilly, Coriander etc.





★ BOTTLE HOLDER

Pull down the bottle holder to store 4 no. of one liter water bottles.
Fold it when not in use.



★ CELL FRESH CRISPER

Crisper holds Moisture and it helps to keep vegetables fresh and prevents from getting rotten.



★ FLIP BASKET

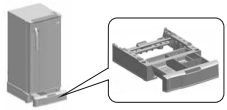
Flip down the basket to keep small items less than 0.5kg only,
Flip up the basket to store 2 liter bottles in lower basket.





★ BASE STAND WITH DRAWER

Max. storage space is 5kg in base stand drawer.
To be used for storage of dry vegetables only like (Potato, Onion, Etc.)



★ EGG CUM ICE TRAY

Specified storage location for eggs. It can also be used to make the ice in Freezer.



★ ZIP POUCH

Pouch is a Nylon bag with zip (unzip to keep items and zip after keeping items). It helps to store small items like Lemon, Ginger, Coriander etc.



★ BAG HOLDER

It helps for hanging the items with polythene bag.



★ In selected models only.

Operating Procedure

DEFROSTING

It is natural for moisture in the air to condense on the cold surface. This leads to a regular build up of frost on the surface of the freezer.

Defrost regularly to avoid heavy frost building on the evaporator which results in reduced cooling efficiency.

Push the defrost Knob after every 3 days / Ice Level reaches defrost indicator.





Ice Making

Fill ice trays with water, place in freeze box.
To remove ice cube, gently twist Ice Tray.



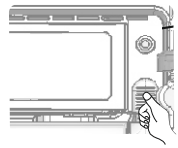


Do not use sharp tool to remove ice tray, otherwise you may puncture the evaporator resulting gas leakage thus non performance of refrigerator.



Lamp Replacement

NOTE Not all appliance bulbs will fit your refrigerator. Be sure to replace the bulb with one of the same size, shape and wattage.



- Unplug the power cord from the outlet.
- Remove the lamp cover by pulling outside.
- Make sure the bulbs are cool to touch.
- Remove the lamp by turning it counterclockwise.
- Put new lamp and tighten it by turning it clockwise.
- Make sure the bulb is properly tightened.
- Put the cover lamp back and push it gently with your thumb till a click sound appears.

How to get good results

Cover or wrap all foods that you put into your refrigerator with polythene or aluminium foil, preventing the mixing of flavours and to keep the food from drying.



Don't keep hot milk or hot food in your refrigerator. This will result in an increased temperature and increase in power consumption.



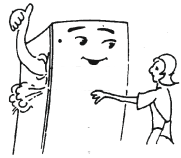
Don't open the refrigerator door too often-hot air will enter and increase the temperature.
Frequent opening of Door may cause water deposition, which is a normal phenomenon. It should be cleaned with dry and soft cloth



Never overload your refrigerator or cover the shelves with paper or plastic sheets as it will reduce its efficiency.



Close the door properly, make sure that there is no gap between the gasket and the cabinet of your LG refrigerator.



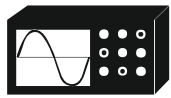
Wipe excessive moisture on food or place it inside containers or plastic bags. This will help in retaining its freshness for a longer period of time.



Feel free to call your LG Customer Information Centre (CIC) / Branch / LG Representative in case your refrigerator has suffered a damage in transit.



It is recommended to use Voltage Stabilizer (0.5kVA) if power fluctuations are frequent and out of specified voltage range (135~290V)**, Stabilizer usage increases the refrigerator life.



*For inverter models specified voltage range is 90V~310V**

** As per LG Test Standards.

Before Calling for Service

Type of Complaint	Probable Cause	Remedy
1. Refrigerator does not work.	– Thermostat switch in 'OFF' position.	Check that the thermostat knob is on 'Normal' (No.4) position and not in off position.
	– Power Supply Off.	Check that the refrigerator main supply plug is connected to the wall socket and that the supply is on. Check that the fuse is intact in the supply line.
	– Stabilizer not working properly	Please plug power cord of refrigerator directly in the wall socket and then check, if it works then get the stabilizer checked by Stabiizer Repairing Centre.
2. Refrigerator attempts to start, but does not operate.	– Low Voltage.	Install a line-correcting transformer in the mains, or a Voltage Stabilizer.
3. Refrigerator contents not cooling and Difficulty in formation of ice and ice-cream.	– Defrosting over due	Defrost the refrigerator.
	– Restriction of cold air circulation.	Provide space in between the dishes. If the shelves are covered with cloth or polythene, remove it.
	– Improper thermostat control selection.	If the refrigerator is required to give a low temperature turn the thermostat knob towards colder (No.7) position.
	– Storing hot foods.	Avoid storing hot foods in the refrigerator, cool them to room temperature before placing them inside the refrigerator.
4. Formation of water drops on exterior of refrigerator.	– High humidity during monsoon season.	During the monsoon, when the humidity in the atmosphere reaches around 90% water droplets may form around the sides of the refrigerator cabinet, especially the top portion. This moisture should be wiped off periodically. Contact our serviceman to check the door seal or proper and uniform contact with the cabinet.
5. Formation of droplets on the underside of the Chiller tray.	– Hot and humid climate.	In hot and humid weather the moist air rushes inside whenever the refrigerator door is opened. This results in excess frosting on the Evaporator and condensation on the Chiller tray bottom. Avoid too frequent door openings.
6. Smell and odour.	– Improper covering and wrapping of food.	Wrap and cover food stuffs properly. Place caps on bottles and other liquid stores. If the smell persists, defrost the refrigerator, remove all foodstuffs, clean the refrigerator thoroughly and wipe it dry before restarting.
7. Noise	– Normal cut-off/ cut-in noise	Whenever refrigerator starts & stop there is noise of Thermostat cut-off/ cut-in & Compressor start/stop. This is a normal phenomenon.
8. Noise from Freezer	– Hissing noise from Freezer	This is normal gas expansion noise





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