



## **FRIDGE**

### **User's Guide**

Please read this User's Guide carefully before operating and keep it handy for reference at all times.



# Table of Contents

<b>Introduction</b>	Registration _____	4
	Important Safety Instruction _____	4
	Identification of Parts _____	9
<b>Operation</b>	Temperature Control _____	10
	Display Panel For Temperature Control _____	10
	Power / 11	
	How to adjust the temperature in the refrigerator compartment / 11	
	Super Cooling / 12	
	Self Test / 12	
	Door Alarm / 12	
<b>Suggestion On Food storage</b>	Low-temperature catalyst deodorization system (removing the odor) _____	13
	How to store food properly _____	13
	Storing Food _____	14
<b>Care and Maintenance</b>	General Information _____	15
	How to disassemble each component _____	16
	Cleaning _____	19
<b>Trouble Shooting</b>	Trouble Shooting _____	20

\* Refer to Installation Instruction for details.

## 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

To avoid any risk of personal injury, material damage or incorrect use of the appliance, be sure to observe the following safety precautions. (After reading these owner's instructions, please keep them in a safe place for reference). Remember to hand them over to any subsequent owner.



**Warning**

Indicates that a danger of death or serious injury exists



**Caution**

Indicates that a risk of personal injury or material damage exists

## Important Safety Instruction

### ⚠ Warning

#### Precaution

- This fridge-freezer must be properly installed and located in accordance with the Installation Instruction before it is used.
- Before you install this fridge-freezer reference to installation manual.
- 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 electronic 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.  
There is a risk of explosion or fire.
- Do not insert the power plug with wet hands.  
You may receive an electric shock.
- Do not install the fridge/freezer in a damp place, where it could be splashed with water.  
Incorrect insulation of the 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 light in the refrigerator. Otherwise, there is a risk of electric shock.
- 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.

**Do not modify or extend the Power Cord length**

**Accessibility of Supply Plug**

**Supply Cord Replacement**

**Danger**

**Don't store**

**Grounding (Earthing)**

It will cause electric shock or fire.



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.

## 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 a service agent or 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 1m<sup>2</sup> 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.

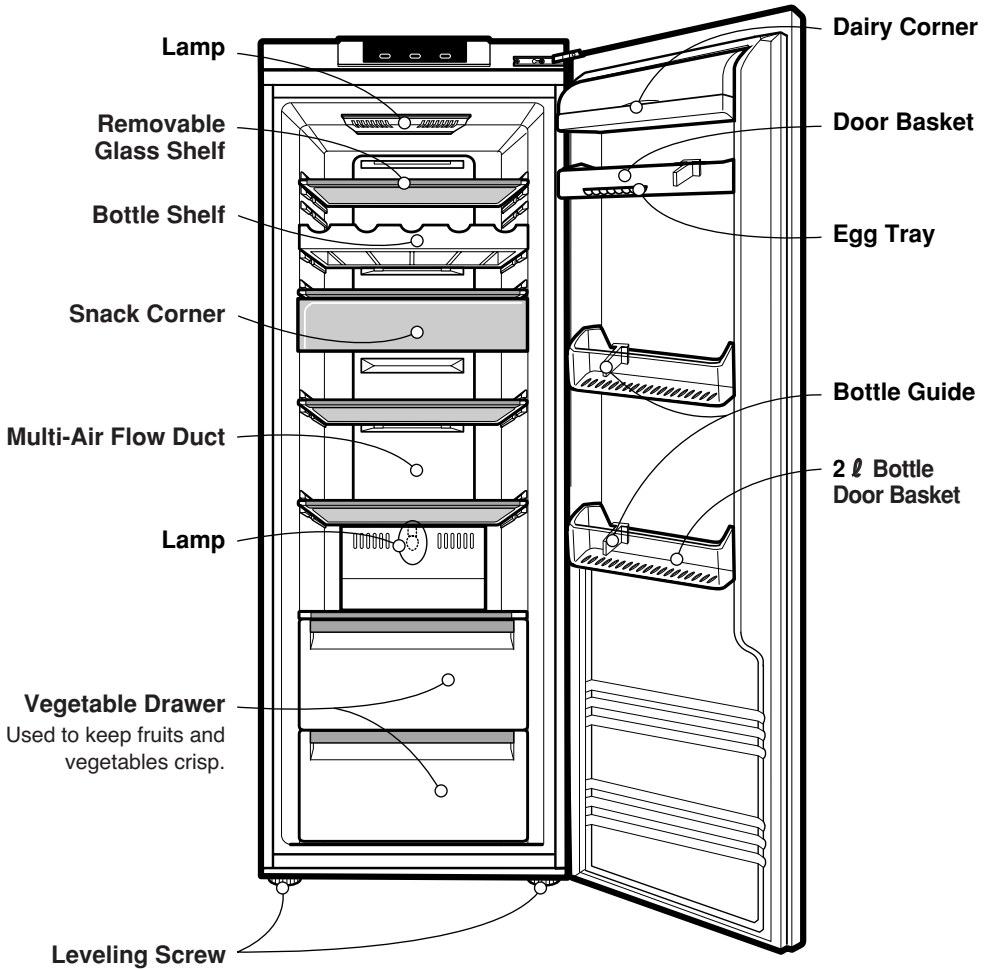
Never start up an appliance showing any signs of damage. If in doubt, consult your dealer.

## Important Safety Instruction

### ⚠ Caution

- 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.

# Identification of Parts



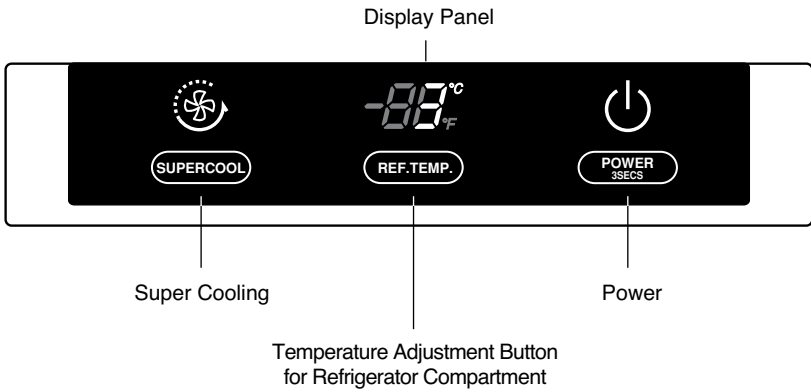


## Temperature Control

Your fridge has controls that let you regulate the temperature in the fridge compartments.

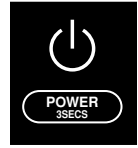
## Display Panel For Temperature Control

Adjusting the temperatures and functions



## Power

- If you push button more than 3 seconds you can switch on or off the Refrigerator.



## How to adjust the temperature in the refrigerator compartment

- The initial Temperature of the Refrigerator Compartment is 0°C and 6°C respectively. You can now adjust the temperature of the compartments as you want.



- When you press the temperature control button, the temperature of the Refrigerator part is change by 1 degree.

### Note

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

Refrigeration function is weak in the initial time. Please adjust temperature as above after using refrigerator for minimum 2~3 days.

## Super Cooling

- Please select this function for prompt cooling.
- This function is used when you want to cool the foods quickly. Press the SUPER COOL (Super Cooling) button once, and then the quick cool operation starts with the lamp it.
- The Super Cooling operation takes about 2 hours. When its operation ends, it automatically returns to the previous temperature setting. If you want to stop the quick cool operation, press the SUPER COOL button once more, the lamp goes out, and the Super Cooling operation stops and the refrigerator returns to the previous temperature setting.



## Self Test

This function allows you to check for operational problems. If you think you have a problem with your fridge, then press the temperature control button:

- If the indicate lights move up or down, then there is no problem with your fridge.
- If the indicate lights do not move up or down, then please leave the power connected and call your nearest service agent.

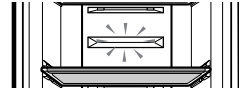
## Door Alarm

When the door of the fridge is left open for a while, the alarm sounds.

## Low-temperature catalyst deodorization system (removing the odor)

### Features

1. It does not harm the stored food with the excellent function to remove the odor.
2. In particular, it is efficient to remove the odor of the Korean food (fermented food) - Insert the strongly smelt food into the sealed container to store. It may cause to soak other food with a scent.



## How to store food properly

### Refrigerator shelf

Place dishes or food properly spaced.



### Bottle shelf

Store beverage bottle or wine bottle with the height 275mm or smaller here. (Place the glass bottle carefully because it may breaks.)



### Snack compartment

Place small food such as cookie and bread here. (Do not place vegetable or food in bottle.)



### Vegetable compartment

Place vegetable or fruit here.



### Dairy goods compartment

Place dairy goods such as butter and cheese here.



### 2L bottle shelf

Place 2.0L bottle or other big-size bottle here.



## Storing Food

### ⚠ Caution

- 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 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 temperature even.
- Do not open the door frequently. Opening the door lets warm air enter the fridge, and cause temperature to rise.
- Never keep too many foods in door rack, as this may stop the door from fully closing.
- Do not refreeze food that has been thawed. This causes loss of taste and nutrition.
- Do not store pharmaceutical products, scientific materials or other temperature sensitive products in the refrigerator. Products that require strict temperature controls must not be stored in the refrigerator.
- If you want to quick cool new food, you put it middle drawer of fridge compartment, and then press the Super Cooling button.

### Note

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

## General Information

### Power Failure

- 1~2 hour power failure does no harm to the foods stores. Try to avoid opening and closing the door too frequently.

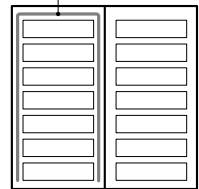
### If You Move

- Take out foods from the fridge and firmly fix the loose items with tape.
- Do not move the fridge by sliding.

### Anti Condensation Pipe

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

### Anti-Condensation Pipe



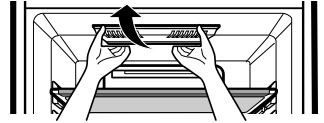
## How to disassemble each component

It can be possible to disassemble only when the door is opened by 90° or wider. Disassembling should be done by the reverse order of assembling.

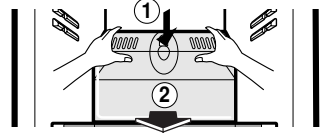
### Indoor lamp

Disconnect the power plug or turn off the main power before disassembling.

- Insert the fingers into the inside slot of the top cover and pull out it to remove.



- Push the upper part of the middle cover and pull out it to remove.



- Turn counterclockwise the indoor lamp to disassemble.

- Use the 240V 30W bulb for the refrigerator as indoor lamp.

- Because the indoor lamp is consumable, when the indoor lamp is not turned on, purchase it from the LG Electronics Service Center and directly replace it to use.

### ⚠ Caution

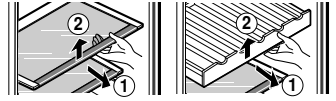
- You must check the O-RING, which is made by rubber and prevent electric spark.
- Don't touch the lamp, in case of light on the long time. Because it can be very hot.

### Note

- Lamp capacity is MAX 30W.
- The lamp will remain "ON" for 7minutes if the door is left open and then it is "OFF" for safety. (If you reopen the door, the lamp is "On".)

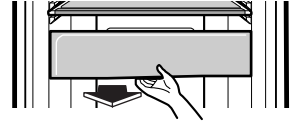
## Refrigerator/ Bottle shelf

Slightly pull out and then slightly lift up and pull out the front side of the shelf to remove.



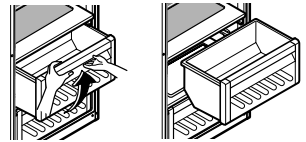
## Snack compartment

Pull out and then slightly lift up and pull out it to remove.



## Vegetable compartment

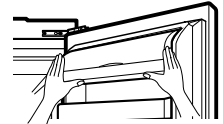
Pull out and then slightly lift up and pull out the vegetable compartment to remove as shown at the figure.



After removing the vegetable compartment, slightly lift up and pull out the front side of the vegetable compartment cover to remove.

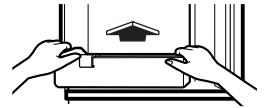
## Dairy goods compartment

Hold both sides of the dairy goods compartment, and then lift up and pull out it to remove.



## Refrigerator basket

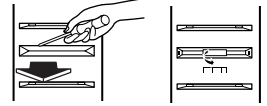
Hold both sides of the refrigerator basket, and then lift up and pull out it to remove.





## Deodorant

- Insert the '-' screwdriver into the top of the deodorant cover and pull out the cover to remove.



- After removing the cover, pull out the deodorant to remove.

- The deodorant may be reused by drying the deodorant with the hair dryer or bathing it in the sun to remove the soaked smell.

### Note

Do not insert the screwdriver into the cool air opening.

## To Reverse the Doors

• Your fridge is designed with reversible doors, do 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 be calling to service agent.

Reversing the doors is not covered by the warranty.

## Cleaning

### Before Cleaning

Be sure to unplug the power or shutdown the main switch in your house.

### Exterior

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

### Interior

As above.

### After Cleaning

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

### Warning

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, rough brush, etc, as they may damage parts of the fridge.

**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.**

## Problem

## Possible Causes

### Fridge 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 house lights.

### Fridge 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 fridge compartment.

### Vibration or Rattling or Abnormal Noise

- The floor on which the fridge is installed may be uneven or the fridge may be unstable.  
Make it even by rotating the leveling screw.
- Unnecessary objects placed in the back side of the fridge.

### Frost or Ice Crystals on frozen Food

- Door may have been left ajar or package holding door open.
- Too frequent or too long door openings.
- Frost within package is normal.

### Moisture forms on Cabinet Surface

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

## Problem

### Moisture collects inside

### Fridge has odor

### Door not closing properly

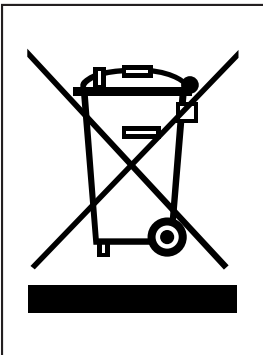
### Interior light does not work

## Possible Causes

- 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 is not level.  
Adjust the leveling screws.
- The floor on which the fridge is installed may be uneven or the fridge may be unstable.  
Slightly raise the front side with the leveling screw.
- No power at outlet.
- Light lamp needs replacing.  
Refer to the Lamp Replacement section

## DISPOSAL OF YOUR OLD APPLIANCE

1. When this crossed-out wheeled bin symbol is attached to a product it means the product is covered by the European Directive 2002/96/EC.
2. All electrical and electronic products should be disposed of separately from the municipal waste stream via designated collection facilities appointed by the government or the local authorities.
3. The correct disposal of your old appliance will help prevent potential negative consequences for the environment and human health.
4. For more detailed information about disposal of your old appliance, please contact your city office, waste disposal service or the shop where you purchased the product.









---

LG Twin Tower, 20, Yoido-Dong, Youngdungpo-Gu, Seoul, 150-721, Korea.  
<http://www.lge.com>