LG
Life's Good

ENGLISH

OWNER'S MANUAL

# REFRIGERATOR FREEZER

Please read this guide thoroughly before operating and keep it handy for reference at all times.

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## Entry

**The model and serial numbers are found on the inner case or back of refrigerator compartment of this unit. These numbers are 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

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

When moving your appliance away from the wall, be careful not to roll over the power cord or to damage it in any way.

After your refrigerator is in operation, do not touch the cold surfaces in the freezer compartment, particularly when your hands are damp or wet. Skin could adhere to these extremely cold surfaces.

Unplug the power cord from the power outlet for cleaning or other requirements. Never touch it with wet hands because you can get an electric shock or be hurt.

Never place glass products in the freezer because they may be broken due to expansion when their contents are frozen.

Never allow your hands within the ice storage bin of the automatic ice maker. You could be hurt by the operation of the automatic ice maker.

The appliance is not intended for use by young children or infirm persons without supervision.

**Don't use an extension cord**

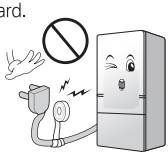
If possible, connect the refrigerator to its own individual electrical outlet to prevent it and other appliances or household lights from causing an overload that could cause a power outage.

**Accessibility of Supply Plug**

The refrigerator-freezer should be so positioned that the supply plug is accessible for quick disconnection when accident happens.

**Supply Cord Replacement**

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.



# ⚠ 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** You will be killed or seriously injured if you don't follow instructions.

⚠ **WARNING** You can be killed or seriously injured 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

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.

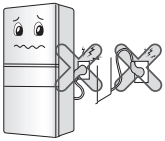
### 1. When connecting the power

**The dedicated outlet should be used.**

- Using several devices at one outlet may cause fire.
- The electric leakage breaker may damage food and the dispenser may be leaked.

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

Water may be flown into or the plug may be damaged, which causes fire or electric shock.



**Prevent the power cord from being squeezed or imprinted if the refrigerator is pushed in after the power plug is extracted during the installation.**

It becomes the cause of fire or electric shock. When moving your appliance away from the wall, be careful not to roll over or damage the power cord.

# ⚠ Important safety instruction

**Do not allow the power cord bent or pressed by the heavy object to be damaged.**

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

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

It causes electric shock or fire by the electric damage of the power cord or others.

**Unplug the power plug when cleaning, handling or replacing the interior lamp of the refrigerator.**

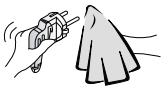
- It may cause electric shock or injury.
- When replacing the interior lamp of the refrigerator, make sure that the rotation ring for preventing the electric spark within the socket is not taken off.

**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 unstable connection may fire or electric shock.

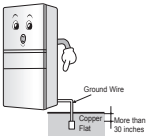


**Pull out the power plug not by grasping the cord but the plug of its end.**

It may cause electric shock or short circuit to fire.

**Make sure of grounding.**
**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 or not.**

The incorrect grounding may cause breakdown and electric shock.




**Be sure to use grounded exclusive proper voltage consent for the power plug.**

It becomes the cause of fire.

# ⚠ Important safety instruction

**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.

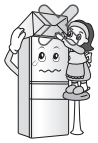
**Wait for 5 minutes or longer when reconnecting the plug.**

It may cause the operation of the freezer to fail.

**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 any hazard.**

## 2. When using the refrigerator

**Do not place the heavy object or the dangerous object (container with liquid) on the refrigerator.**
It may be dropped to cause injury, fire or electric shock when opening or closing the door.

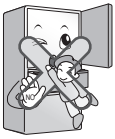


**Do not install the refrigerator in the wet place or the place which water or rain splashes.**
Deterioration of insulation of electric parts may cause electric leakage.

**Do not cling to the door or the shelves of the door or the home bar of the freezer or the cool chamber.**
It may make the refrigerator fallen down or damage the hands. Especially, do not allow the children to do the above.

**Prevent children from entering the product.**

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

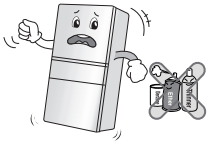



**Opening and closing the door of the refrigerator vigorously may cause the stored food in the refrigerator basket to fall by shock and hurt the foot, so take precautions.**

# ⚠ Important safety instruction

**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.

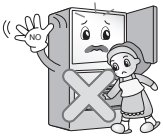


**Do not place the lit candle within the fridge-freezer to deodorize. Do not use drier to dry the inside, nor light a candle to remove odor.**

It may cause explosion or fire.

**Don't insert the hands into the automatic ice maker. (Only for the model with the automatic ice maker)**

It may cause injury.




**Do not store the medicine or the academic materials at the refrigerator.**

When the material with the strict temperature control is stored, it may be deteriorated or it may make an unexpected reaction to cause any risk.

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

It may cause fire.

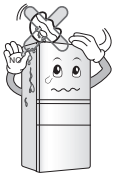
**Do not store explosive substances such as aerosol cans with a flammable propellant in this appliance.**

**Avoid the heating devices. Install in places away from the fire such as the place where flammable gas is leaked.**

It may cause fire.

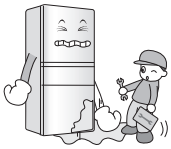
**Do not place flower vase, cup, cosmetics, medicine or any container with water on the refrigerator.**

It may cause fire, electric shock or injury by dropping down.

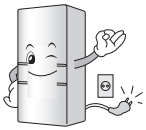


# ⚠ Important safety instruction

**Use the submerged refrigerator after checking it.**
It may cause electric shock or fir.

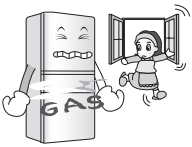


**In case of thunder and lightning, or not in use for a long period of time, detach the power plug.**
There is a danger of electric shock or fire.



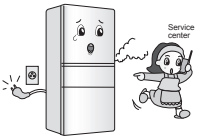
**When gas is leaked, do not touch the refrigerator or the outlet and ventilate the room immediately.**

- The explosion by spark may cause fire or burn.
- Because this refrigerator uses natural gas (isobutene, R600a) as the environment-friendly refrigerant, even a small amount (80~90g) is combustible. When the gas is leaked by the severe damage during delivering, installing or using the refrigerator, any spark may cause fire or burn.




**Do not spray water at the outside or the inside of the refrigerator or do not clean it with benzene or thinner.**
Deterioration of insulation of electric parts may cause electric shock or fire.

**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.

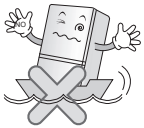



**Do not allow any person except the qualified engineer to disassemble, repair or alter the refrigerator.**
It may cause injury, electric shock or fire.

# ⚠Important safety instruction

**Do not use the refrigerator for non-domestic purpose (storing medicine or testing material, using at the ship, etc.).**

It may cause an unexpected risk such as fire, electric shock, deterioration of stored material or chemical reaction.




**When disposing the refrigerator, remove the packing material from the door or take off the doors but leave the shelves in place so that children may not easily climb inside.**

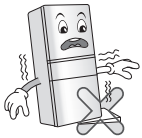
It many cause to lock out the child.

**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.**

**Install the refrigerator on the solid and level floor.**

Installing it on the unstable place may cause death by falling down the refrigerator when opening or closing the door.

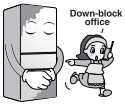


**Do not insert the hands or the metal stick into the exit of cool air, the cover, the bottom of the refrigerator, the heatproof grill (exhaust hole) at the backside.**

It may cause electric shock or injury.

**When you want to dispose the refrigerator, contact to the down-block office.**

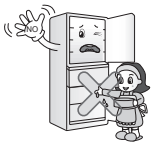
When you want to dispose the large living waste such as electric home appliance and furniture, you'd better contact the local down block office.



# ⚠Important safety instruction

## ⚠CAUTION

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




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

It may cause frostbite.

**When the electricity is off for long time, remove ice from the ice box.**

• Ice may melt due to long-time power failure.

**Do not place the food in disorder inside the refrigerator.**

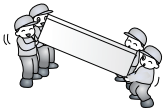
The food may fall during opening and closing the door of the refrigerator and hurt people.

**Do not put bottle in the freezer.**

It may freeze the contents to break the bottle to cause injury.

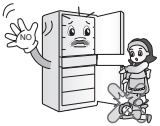
**Do not insert the hands into the bottom of the refrigerator.**

The iron plate of the bottom may cause injury.



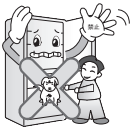
**Carry the refrigerator with the handle bar at the bottom of the front and the top of the rear.**

Otherwise, your hands may be slipped to cause injury. Because the product is heavy, carrying it alone may hurt people or accidents may occur.




**Because opening or closing the door of the refrigerator 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 chink in door or the child to be get hurt by the corner.



**Do not put any living animal in the refrigerator.**

# ⚠ 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 1m$^2$ 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.

**Child entrapment warning**

**DANGER**: Risk of child entrapment.
Before you throw away your old refrigerator or freezer:
Take off the doors but leave the shelves in place so that children may not easily climb inside.
The appliance is not intended for use by young children or infirm persons without supervision.
Young children should be supervised to ensure that they do not play with the appliance.

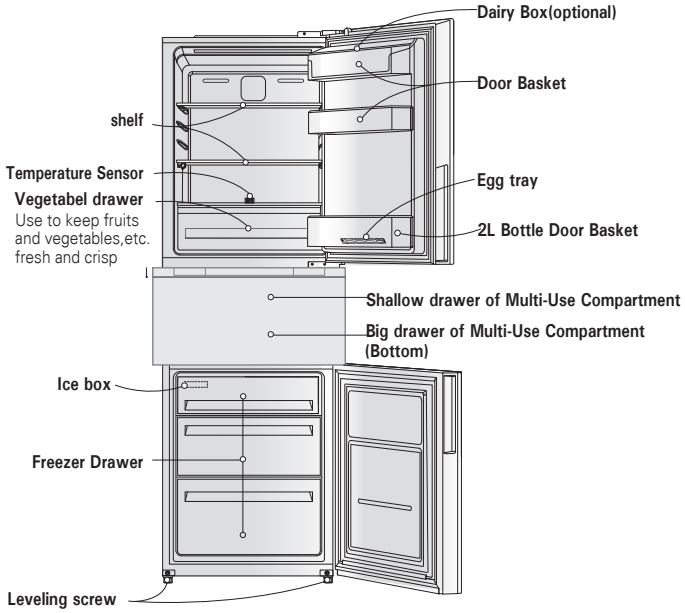
**Don't store**

Don't store or use gasoline or other flammable vapor and liquids in the vicinity of this or any other appliance.

**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 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.

# Identification of parts



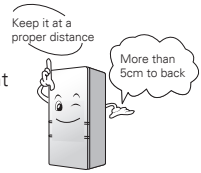

**Note**

Parts, features, and options vary by model. Your model may not include every option.

# Where to install

## Select a good location

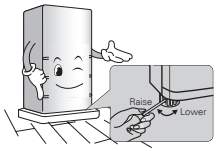
1. Select a good location.Place your fridge-freezer where it is easy to use.




2. Avoid placing the unit near heat sources, direct sunlight or moisture.

3. 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.

4. There must be proper air circulation around your fridge-freezer to keep it operating efficiently.




5. To avoid vibration, the unit must be leveled. If required, adjust the leveling screws to compensate for the uneven floor. The front should be slightly higher than the rear to aid in door closing. Leveling screws can be turned easily by tipping the cabinet slightly.Turn the leveling screws counterclockwise ( ) to lower the unit, clockwise( ) to raise it.

6. Install accessories such as ice cube box, etc., in their proper places.They are packed together to prevent possible damage during shipment.

7. Clean your fridge-freezer thoroughly and wipe off all dust accumulated during shipping.

8. Connect the power supply cord (or plug) to the outlet. Don't double up with other appliances on the same outlet.

9. 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.

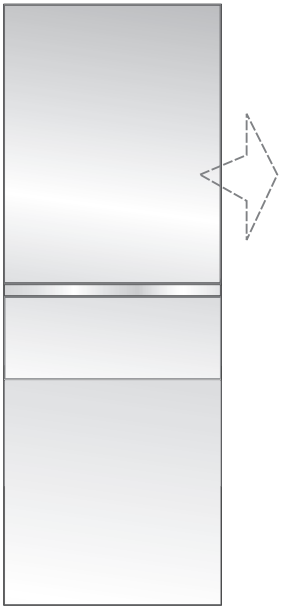
## Disposal of the old appliance

This appliance contains fluid (refrigerant,lubricant)and is made of parts and materials which are reusable and/or recyclable.
All the important materials should be sent to the collection center of waste material and can be reused after rework(recycling). For take back, please contact with the local agency.

# Starting

When your refrigerator is first installed, allow it to stabilize at normal operating temperatures for 2-3 hours prior to filling it with fresh or frozen foods.
If operation is interrupted, wait 7 minutes before restarting.

# Adjusting the temperatures and functions



**Function display board**

Temperature adjustment button for Refrigerator compartment

Temperature Adjustment button for Multi-Use compartment

Temperature Adjustment button for freezer compartment

Wi-Fi(This sets the refrigerator to connect to your home's Wi-Fi network.)

Hygiene Fresh

Lock Button

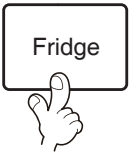
# Adjusting the temperatures and functions

When doors are closed or stopping button selection for 20 seconds, the brightness of LED display will turn down, The power saving mode is activated. When a door is open or a button is pressed, the brightness of LED display will turn up.

## You can adjust temperature of the freezer compartment, refrigerator compartment and Multi-Use compartment.

**How to adjust the temperature in the refrigerator compartment**

Refrigerator compartment temperature adjustment




When you press" Fridge " button, the temperature of refrigerator compartment is repeated in the following order:

4°C → 3°C → 2°C → ECO→ 8°C → 7°C → 6°C → 5°C→ 4°C

**How to adjust the temperature in the Multi-Use compartment**

Multi-Use compartment temperature adjustment

When you press" Fridge Freezer " button, the temperature of Multi-Use compartment is repeated in the following order:

0°C → -1°C → -2°C → -3°C→ -7°C → -12°C → -15°C → -17°C → ECO→ 7°C → 6°C → 5°C → 4°C → 3°C → 2°C → 1°C → 0°C

**How to adjust the temperature in the freezer compartment**

Freezer compartment temperature adjustment

When you press" Freezer " button, the temperature of freezer compartment is repeated in the following order:

-19°C → -20°C → -21°C → -22°C → -23°C→ -24°C → -26°C (Super)→ -16°C → -17°C→ -18°C → -19°C

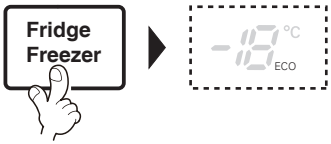
**Refrigerator "ECO"**

In order to save electricity when no food needs to be stored in the refrigerator compartment, you can select the Refrigerator ECO function, that is, to turn off the refrigerator compartment.

To put the refrigerator in the stop state, press " Fridge " repeatedly until "ECO" lights up.

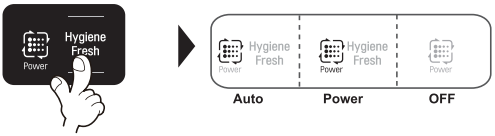
**Multi-use "ECO"**

In order to save electricity when no food needs to be stored in the multi-use compartment you can select the multi-use compartment ECO function, that is, to turn off the multi-use compartment.
To put the multi-use compartment in the stop state, press "Fridge Freezer" repeatedly until "ECO" lights up.




**When you need to clean the air please select this function.**

**Hygiene Fresh (Optional)**




※ **Potent air purification Setting:**

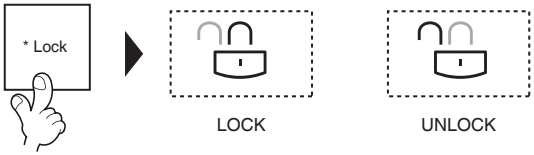
Press " Hygiene Fresh " key. " " pattern and "Power" light will be on.
It enters power mode.
Cancel: Press " Hygiene Fresh " key. "Power" light will be off.
It exits power mode.
**Note**: In power mode, it exits power mode and returns to Automatic mode when time of power air purification elapses (Maximum 4 hours).

※ **Press " Hygiene Fresh " key to adjust air purification.**

Displayed content about air purification varies as follows:
Automatic Mode —> Power mode —> OFF —> Automatic Mode

**Lock**

- Pressing this button stops operation of other buttons.
- Locking or Unlocking is repeated whenever pressing the " * Lock " button.
  (For "Locking" or "UnLocking" press the " * Lock " button for 3 secs.)
- When you use the " * Lock " button, you can not use any other button, Until you unlock the refrigerator. When you press the other buttons when the refrigerator is locked, the " * Lock " will flash 3 times to notify the current lock condition.



**Setting Wi-Fi**

The Wi-Fi button, when used with the LG Smart ThinQ application, allows the refrigerator to connect to a home Wi-Fi network.

- The Wi-Fi icon shows the status of the refrigerator's network connection. The icon illuminates when the refrigerator is connected to the Wi-Fi network.
- Press and hold the Wi-Fi button for 3 seconds to connect to the network. The icon blinks while the connection is being made, then turns on once the connection is successfully made.

**Door open alarm**

- When the refrigerator compartment door is left open or not closed completely for more than 1 minute, it sounds 3 times every 30 seconds.
- If the warning sound remains after the refrigerator door, Multi-Use compartment drawer or freezer door is closed, contact your local service center.

**Self-diagnosis (fault detection) function**

Self-diagnosis function operates when a problem occurs in the unit.
When an error occurs in the unit. Immediately contact the service center without turning the power OFF. If the power is OFF, it will take the engineer longer to find out where the fault occurs.
The pressing of any function buttons will not alter the temperature setting when a fault occurs.

**Memory feature**

When the power comes on again after a power failure, it is able to recall the last settings of refrigerator temperature, Refrigerator ECO, freezing temperature, multi-use compartment ECO and multi-use compartment temperature.
However, the Super Freezing can not be memorized. If the unit is in the Super Freezing state when the power is off, the freezing temperature will be set to "-21°C" after the power is recovered.

**Auto Defroster Function**

Your refrigerator is frost free, which means there is no need to manually defrost your refrigerator.
The wind blows from heater and fan will melt the frost on the surface of the built-in evaporator (invisible from outside) automatically.
At the same time, the defrosted water flows down to the evaporating tray which is located in the lower side of the refrigerator and is evaporated automatically.

## Function

**Ice making**

1. Fill the ice tray with water to 4/5 of its capacity and place it inti the freezing compartment.

2. Twist the both sides of the ice tray so as to remove the ice tray so as to remove the ice cubes easily.

**Tip :** To remove ice cubes easily, run water on the tray before twisting.

⚠ Fill with potable water only.

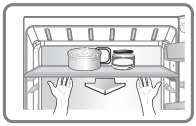
**Note**

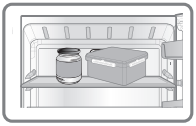
The actual inner temperature varies depending on the food status, as the indicated setting temperature is a target temperature, not actual temperature within refrigerator.
Refrigeration function is weak in the initial time. Please adjust temperature as above after using refrigerator for minimum 2~3 days.

# Refrigerator compartment

**Shelf**

In order to store tall foods, move the shelves to change the height between them.





Lift the inside of the shelf and pull it out to remove the shelf. Install the removed shelf at desired position.

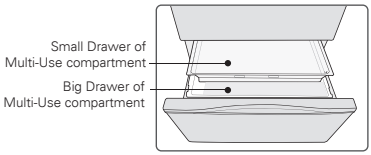
**Note**

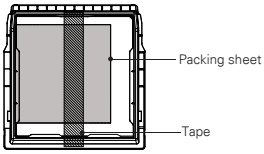
Remove the items on the shelf before moving it.

# Multi-Use compartment

**Multi-Use Compartment**

When store vegetables and fruits, set the Multi-Use compartment temperature to 1-6°C; When store fish and meat for a short time, set the temperature to below 0°C. Therefore, always check the temperature setting before store food.




(FIG.1)

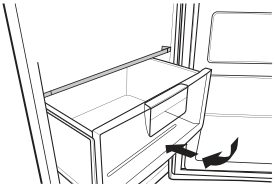
- The small drawer is used to store small package foods, and the large size drawer is used to handle large package foods. The stored foods must not exceed the limited height, otherwise the small drawer will not be placed to it's correct position and the drawer can not be closed normally.

**Note:Before using,take off Packing sheet and all Tapes.(FIG.1)**

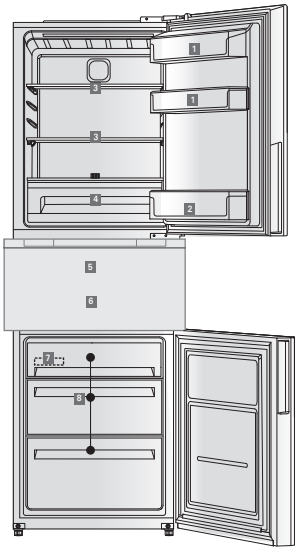
# Freezer compartment

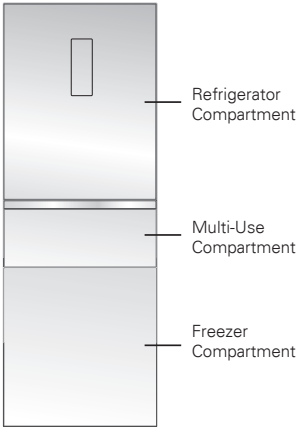
If a large quantity of food is to be placed in the freezer compartment, The middle drawer of freezer compartment shall be taken out of the appliance and food shall be stacked directly on the wire shelf.

Freezer compartment provides wire self on default to maximize food storage capacity. And also the drawer is provided to convenient usage for watery meat or half-liquid state food.



# Location on foods

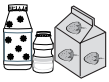


**Suggestions on refrigerator storage**

1 Dairy Box (optional)

Store small packages of milk or spices.



2 Bottle door basket

Store water and beverage.

3 Shelf

Store refrigerated food (The foods should be kept a certain distance between each other and the air outlet should never be blocked by the foods.)

4 Vegetable drawer

Store fruits and vegetables.

**Suggestions on Multi-Use compartment**

5 Small draw of Multi-Use compartment (top)

Store refrigerated or frozen foods.

6 Big drawer Multi-Use compartment (bottom)

Store refrigerated or frozen foods.

**Suggestions on freezer compartment**

7 Ice maker

For instructions on how to make ice, refer to the user guide.

8 Freezer drawer

Store frozen foods for a long time or the foods of large size.

※ If food is too bulky, remove shelf, vegetable drawer and drawers, etc.

# Storing foods

- 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, and melons.
- Allow hot food to cool prior to storing, placing hot food in the refrigerator could spoil other food, and lead to higher energy consumption.
- When storing the food, cover it 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. Opening the door lets warm air enter the refrigerator, and cause temperatures to rise.
- Never keep too much food in door rack because they may push against by inner racks so that the door cannot be fully closed.

**Freezer compartment**

- Do not store bottles in the freezer compartment - they may break when frozen.
- Do not refreeze food that has been thawed. This causes loss of taste and nutrient.
- When storing frozen food like ice cream for a long period, place it on the freezer shelf, not in the door rack.
- Do not touch the cold foods or containers- especially made of metallic -, with wet hands and place glass products in the freezer compartment.

**⚠CAUTION**

- That's why you may have chilblains and they may be broken when their inner matters are frozen, causing personal injury.

**Refrigerator compartment**

- Avoid placing moist food in top refrigerator shelves, it could freeze from 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, to prevent adjacent food from spoiling.
- When storing eggs in their storage rack or box, ensure that they are fresh, and always store them in an upright position, which keeps them fresh longer.

**Note**

- If you keep the refrigerator in a hot and humid place, frequent openning of the door or storing a lot of vegetables in it may cause dew to form which has no effect on its performance. Remove the dew with dust cloth free from care.

**Multi-Use compartment**

When store vegetables and fruits, set the Multi-Use compartment temperature to 1-6°C. When store fish and meat for a short time, set the temperature to below 0 °C. Therefore, always check the temperature setting before store foods.

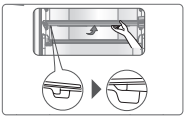
# How to dismantle parts

Note

Dismantling is done in the reverse sequence of assembly.
Be sure to unplug the power plug before dismantling and assembly.
Never apply severe force to dismantle parts. Parts may be damaged.

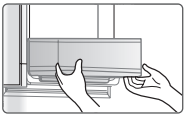
**shelf**

- Lift the inside of the shelf and pull it out to remove the shelf;
- Wash the removed shelf with water and wipe it clean using a dry soft cloth;
- Install the shelf in the reverse order.



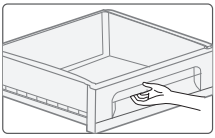
**Door rack**

Grasp the door rack tightly with one hand and tap it from bottom with another hand to remove the door rack;



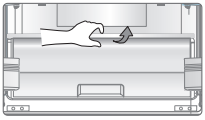
**Vegetable drawer**

Pull the vegetable drawer all the way out, then lift the outside of the drawer and pull it out.



**Vegetable drawer cover**

- Lift up and pull out the Fruit & Vegetable Drawer cover;



**Lamp Replacement**

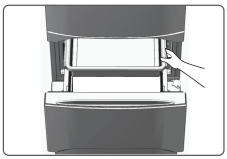
Note

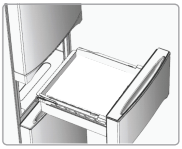
This product uses LED Lamps which can not be replaced by the user. Please contact an authorized service center for LED lamp service or replacement.

# How to dismantle parts

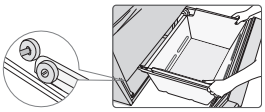
**The drawer of muti-use compartment**

1. Pull out the lower drawer of the Multi-Use compartment till it cannot move.
2. Remove the small drawer .
3. Raise the whole set of drawers and then pull them out.
   Take out the whole set of drawers;
4. Wash all the drawers with water and dry it with soft cloth;

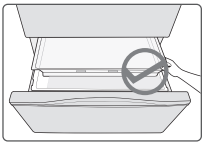


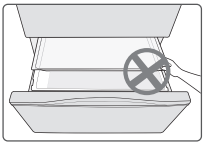


5. Install the whole set of drawer, keeping the rollers of the drawer underneath the rollers of the compartment;



6. Install the small drawer.

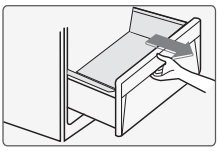




**Note**

Pay attention to the direction when installing the small drawer.
It can not be closed if installed in the reverse direction.

**Dismantle and Cleaning of Freezer Compartment Drawer**



Raise the front end of the freezer compartment lower drawer, pull out to the front side.
Wash the plastic drawer with water, then wipe with a clean soft cloth; Install the plastic drawer in the reverse order.

**Cleaning of Door and Drawer Gaskets**

Dirty door seals will get aged and damaged easily and that will cause cold air leakages, so the gaskets of door and drawer should always be clean

# 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.

**Before cleaning**

Be sure to unplug the power.

**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 is recommended. Wash all compartments a baking soda solution or a mild detergent and warm water. Rinse and dry.

**After cleaning**

Please verify that the power cord is not damaged, power plug is not overheated, or power plug is well inserted into the power consent.

**⚠ 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 an electric shock.
Never use metallic scouring pads, brushes, coarse abrasive cleaners, strong alkaline solutions, flammable or toxic cleaning liquids on any surface.
Do not touch frozen surfaces with wet or damp hands, because damp object will stickor adhere to extremely cold surfaces.

# 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 not to operate, 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 that are corrected in an hour or two will not affect your refrigerator temperatures.
However, you should minimize the number of door openings while the power is off.

**If you move**

Remove or securely fasten down all loose items inside the refrigerator.
To avoid damaging the height adjusting screws, turn them all the way into the base.

**Anti condensation pipe**

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 dewing.
Especially after installation or when ambient temperature is high, the fridge-freezer may feel hot,which is quite normal.

**Replace the lamp**

Lighting specifications of this product: refrigerator compartment lamp power: DC12V;

**⚠WARNING**

In case the lamp is damaged, contact service center to replace it. Never replace it by yourself.

## Disposal of your old appliance (as per e-waste Rules)

1. When this crossed out wheeled bin symbol is depicted on the product and its operator's manual, it means the product is covered by the e-waste Management and Handling Rules, 2011 and are meant to be recycled, dismantled, refurbished or disposed off.
2. **Do's**
   a. The product is required to be handed over only to the authorized recycler for disposal.
   b. Keep the product in isolated area, after it becomes non-functional / unrepairable so as to prevent its accidental breakage.

   **Don'ts**
   a. The product should not be opened by the user himself/herself, but only by authorized service personnel.
   b. The product is not meant for re-sale to any unauthorized agencies/scrap dealer/ kabariwalah
   c. The product is not meant for mixing into household waste stream.
   d. Do not keep any replaced spare part(s) from the product in exposed area.
3. Any disposal through unauthorized agencies/person will attract action under Environment (Protection) Act 1986 .
4. Hazards of improper handling or accidental breakage
   a. The refrigerant ( R134a) used, if overexposed, might cause dizziness and loss of concentration. Liquid contact can cause irritation and frostbite. The refrigerant( R600a), squirting out of the pipes could ignite or cause eye injury.
   b. The blowing agent cyclopentane is highly flammable liquid and vapor. Harmful to aquatic life Contact with liquid may cause cold burns / frost bites. Repeated exposure causes skin dryne
5. This product is complied with the requirement of Hazardous Substances as specified under Rule 13 (1) & (2) of the E-Waste (Management & Handling) Rules, 2011.
6. To locate a nearest collection centre or call for pick-up (limited area only) for disposal of this appliance, please contact Toll Free No. 1800-180-9999 or 1800-315-9999 for details. All collec centre and pick up facilities are done by third parties with LG Electronics India Pvt. Ltd. Mere a facilitator. For more detailed information , please visit : http://www.lge.com/in.

# Trouble shooting

Before calling for service, review 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.

| Occurrence | Possible cause | Solution |
|---|---|---|
| **Runing of refrigerator** | | |
| **Refrigerator does not run** | Refrigerator is in defrost cycle. | This is normal for a fully automatic defrosting refrigerator. The defrost cycle occurs periodically. |
| | Plug at wall outlet is disconnected. | Make sure plug is tightly pushed into outlet. |
| | Power outage. Check house lights. | Call local electric company. |
| **Refrigerator runs too much or too long** | Refrigerator is larger than the previous one you owned. | This is normal. Larger, more efficient units run longer in these conditions. |
| | Room or outside weather is hot. | It is normal for the refrigerator to work longer under these conditions. |
| | Refrigerator has recently been disconnected for a period of time. | It takes some hours for the refrigerator to cool down completely. |
| | Large amounts of warm or hot food may have been stored recently. | Wait for a while until the refrigerator compartment, Multi-Use compartment and freezer compartment reach the set temperature. |
| | Doors are opened too frequently or too long. | Warm air entering the refrigerator causes it to run longer. Open the door less often. |
| | Gaps may be formed on the refrigerator compartment door, Multi-Use compartment drawer or freezer compartment drawer | Make sure the refrigerator is level. Keep food and containers from blocking door. See problem section. OPENING/CLOSING of doors. |
| | Refrigerator control is set too cold. | Set the refrigerator control to a warmer setting until the refrigerator temperature is satisfactory. |
| | The gaskets of the refrigerator compartment door, Multi-Use compartment drawer or freezer compartment door is dirty, worn or deformed. | Clean or change gasket. Leaks in the door seal will cause refrigerator to run longer in order to maintain desired temperatures. |
| | Thermostat is keeping the refrigerator at a constant temperature. | This is normal. Refrigerator goes on and off to keep the temperature constant. |

# Trouble shooting

| Occurrence | Possible cause | Solution |
|---|---|---|
| **Temperatures are too cold** | | |
| **The freezer compartment is too cold but the temperatures in other compartments are normal** | Freezer temperature is set too cold. | Set the freezer control to a warmer setting until the freezer temperature is satisfactory. |
| **The refrigerator compartment is too cold but the temperatures in other compartments are normal** | Refigerator temperature is set too cold. | Set the refrigerator control to a warmer setting |
| **The Multi-Use compartment is too cold but the temperatures in other compartments are normal** | Multi-Use compartment temperature is set too cold. | Set the Multi-Use control to a warmer setting. |
| **Temperatures are too warm** | | |
| **The temperature in refrigerator compartment, Multi-Use compartment or freezer compartment is too high** | Freezer temperature is set too warm. | Set the freezer temperature to a colder setting until the freezer temperature is satisfactory. |
| | Multi-Use compartment temperature is set too warm. | Set the Multi-Use compartment temperature to a colder setting until the Multi-Use compartment temperature is satisfactory. |
| | Refrigerator control is set too warm. Refrigerator control has some effect on freezer temperature. | Set the refrigerator temperature to a colder setting until the refrigerator temperature is satisfactory. |
| | Doors are opened too frequently or too long. | Warm air enters the refrigerator/ freezer whenever the door is opened. Open the door less often. |
| | Door is slightly open. | Close the door completely. |
| | Large amounts of warm or hot food may have been stored recently. | Wait until the refrigerator or freezer has a chance to reach its selected temperature. |
| | Refrigerator has recently been disconnected for a period of time. | A refrigerator requires some hours to cool down completely. |
| **The refrigerator compartment is too warm but the temperatures in other compartments are normal** | The refrigerator compartment is set to a high temperature or in refrigerator compartment ECO state. | Set the refrigerator control to a colder setting. |
| **The Multi-Use compartment is too warm but the temperatures in other compartments are normal** | The Multi-Use compartment is set to a high temperature or in Multi-Use compartment ECO state. | Set the Multi-Use control to a colder setting. |

# Trouble shooting

| Occurrence | Possible cause | Solution |
|---|---|---|
| **Sound and noise** | | |
| **Louder sound levels when refrigerator is on.** | Today's refrigerators have increased storage capacity and maintain more even temperatures. | It is normal for sound levels to be higher. |
| **Louder sound levels when compressor comes on.** | Refrigerator operates at higher pressures during the start of the ON cycle. | This is normal. The sound will level off as the refrigerator continues to run. |
| **Vibrating or rattling noise.** | Floor is uneven or weak.<br>Refrigerator rocks on the floor when it is moved slightly. | Be sure floor is level and solid and can adequately support refrigerator. |
| | Items placed on the top of the refrigerator are vibrating. | Remove items. |
| | Dishes are vibrating on the shelves in the refrigerator. | It is normal for dishes to vibrate slightly.<br>Move dishes slightly.<br>Make sure refrigerator is level and firmly set on floor. |
| | Refrigerator is touching wall or cabinets. | Move refrigerator so that it does not touch the wall or refrigerator. |
| **Water/Moisture /Ice inside refrigerator** | | |
| **Moisture collects on the inside walls of the refrigerator.** | The weather is hot and humid which increases the rate of frost buildup and internal sweating. | This is normal. |
| | Door is slightly open. | See problem section opening/closing of doors. |
| | Door is opened too often or too long. | Open the door less often. |
| **Water/Moisture /Ice outside refrigerator** | | |
| **Moisture forms** | Weather is humid. | This is normal in humid weather.<br>When humidity is lower, the moisture should disappear. |
| **on the outside of the refrigerator or between doors.** | Door is slightly open,causing cold air from the inside the refrigerator to meet warm air from the outside. | This time, close the door completely. |

# Trouble shooting

| Occurrence | Possible cause | Solution |
|---|---|---|
| **Odors in refrigerator** | | |
| | Interior needs to be cleaned. | Clean interior with sponge,warm water and baking soda. |
| | Food with strong odor is in the refrigerator. | Cover food completely. |
| | Some containers and wrapping materials produce odors. | Use a different container or brand of wrapping materials. |
| **Opening/Closing of doors/Drawers** | | |
| **Door(s) will not close.** | Food package is keeping door open. | Move packages that keep door from closing. |
| **The door or drawer is not closed tightly** | The door or drawer is closed with so much force that other drawers and door are opened. | Close the door or drawer gently. |
| | Refrigerator is not level. It rocks on the floor when it is moved slightly. | Adjust the height adjusting screw. |
| | Floor is uneven or weak.<br>Refrigerator rocks on the floor when it is moved slightly. | Be sure floor is level and can adequately support refrigerator.<br>Contact carpenter to correct sagging or sloping floor. |
| | Refrigerator is touching wall or cabinets. | Move refrigerator. |
| **The drawer is hard to pull out or can not be closed tightly** | The drawer is stuck by packing bag or the food in the drawer is too heavy. | Remove the food that blocks the drawer or reduce the amount of food in the drawer. |
| | Track that drawer slides on is dirty. | Clean drawer and track. |
| **Ice maker problems** | | |
| | The ice cubes have an odor. | • Check if the ice cubes are tainted by foods with strong odor in the compartment.<br>• The interiors of ice bin and the unit need cleaning. |

# Using Smart ThinQ Application

## Installing Smart ThinQ

Search for the LG Smart ThinQ application from the Google Play Store or Apple App Store on a smart phone. Follow instructions to download and install the application.

## Wi-Fi Function

- For appliances with the Smart ThinQ or Smart ThinQ™ logo

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

### Firmware Update

Keep the appliance performance updated.

### Smart Diagnosis™

If you use the Smart Diagnosis function, you will be provided with the useful information such as a correct way of using the appliance based on the pattern of use.

### Settings

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

### NOTE

- To verify the Wi-Fi connection, check that **Wi-Fi** icon on the control panel is lit.
- LG Smart ThinQ is not responsible for any network connection problems or any faults, malfunctions, or errors caused by network connection.
- The machine supports 2.4 GHz Wi-Fi networks only.
- If the appliance is having trouble connecting to the Wi-Fi network, it may be too far from the router. Purchase a Wi-Fi repeater (range extender) to improve the Wi-Fi signal strength.
- The Wi-Fi connection may not connect or may be interrupted because of the home network environment.
- The network connection may not work properly depending on the internet service provider.
- The surrounding wireless environment can make the wireless network service run slowly.
- The application is subject to change for appliance improvement purposes without notice to users.
- Functions may vary by model.

## Open Source Software Notice Information

To obtain the source code under GPL, LGPL, MPL, and other open source licenses, that is contained in this product, please visit http://opensource.lge.com.
In addition to the source code, all referred license terms, warranty disclaimers and copyright notices are available for download.

LG Electronics will also provide open source code to you on CD-ROM for a charge covering the cost of performing such distribution (such as the cost of media, shipping, and handling) upon email request to opensource@lge.com. This offer is valid for three (3) years from the date on which you purchased the product.

## Smart Diagnosis™ Using a Smart Phone

- For appliances with the or logo Use this function if you need an accurate diagnosis by an LG Electronics customer information centre when the appliance malfunctions or fails.

Smart Diagnosis™ can not be activated unless the appliance is connected to power. If the appliance is unable to turn on, then troubleshooting must be done without using Smart Diagnosis™.

# Using Smart Diagnosis™

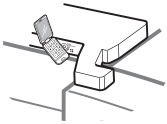
## Smart Diagnosis™ Through the Customer Information Centre

Use this function if you need an accurate diagnosis by an LG Electronics customer information center when the appliance malfunctions or fails. Use this function only to contact the service representative, not during normal operation.

1 Press the **Lock** button to activate the lock function.
- If the lock function has been activated already, press the **Lock** button to deactivate the lock function, and then press the **Lock** button again to activate the lock function.
- Please note that the Smart Diagnosis function will not operate until five minutes has passed since the lock function was activated.

2 Press and hold the **Freezer** button for three seconds or longer while continuing to hold your phone to the speaker.

3 Open the fridge door and then hold the phone on the upper right speaker hole.
- Position the phone so that its microphone is aligned with the speaker hole.



**4** After the data transfer is complete, the service agent will explain the result of the Smart Diagnosis™.

## NOTE

- Position the phone so that its microphone is aligned with the speaker hole.
- The Smart Diagnosis™ sound is generated after around three seconds.
- Do not take the phone off the speaker hole while the data is transmitted.
- Hold the phone to the upper right speaker hole and wait while the data is transmitted.
- The data transfer sound may be harsh to the ear while the Smart Diagnosis™ data is being transmitted, but do not take the phone off the speaker hole for accurate diagnosis until the data transfer sound has stopped.
- When the data transfer is complete, the transfer completion message is displayed and the control panel is automatically turned off and then on again after a few seconds. After the customer information centre explains the diagnosis result.
- The Smart Diagnosis™ function depends on the local call quality.
- The communication performance will improve and you can transmit a better signal if you use a land line home phone.
- If the Smart Diagnosis™ data transfer is poor due to poor call quality, you may not receive the best Smart Diagnosis™ service.

# WARRANTY

The LG Refrigerator comes with 1 + 4 or 9*(Selected Model) year warranty, from the date of purchase, that comprises of a 1 year warranty on all Parts (except Consumables, Loose Plastic Parts, Glass) in the first year and thereafter a 4 or 9*(Selected Model) year Additional warranty on the compressor, from the date of purchase of the product, provided always that the warranty card bears the rubber stamp, date and signature of our Authorised Dealer.

4 or 9*(Selected Model) YEAR ADDITIONAL WARRANTY ON COMPRESSOR

The 4 or 9*(Selected Model) year warranty on Compressor will continue even after the expiry of 1 year period from the date of purchase. This warranty covers Compressor only. Gas/Gas Charging will be charged to the customer. Gas charging is included only when compressor is defective & inoperative.
During the additional warranty period, it does not cover any part such as condenser, freezer, capillary, suction line, overload protector, relay, thermostat etc..
Standard visiting charges will be applicable within the municipal limit of town where LG Electronics India Pvt. Ltd. (LGEIL) has it's Authorized Service centre, Service outside municipal limit will attract to and fro traveling, other incidental expenses in addition to standard visiting charges, as prevailing from time to time.
During the warranty period, only the parts replaced or repaired shall be free of costs, but service charges shall always be payable by the customer.

TERMS & CONDITIONS

1. The warranty is confined to the first purchaser of the Refrigerator only & is non-transferable.
2. Repairs & replacements will be carried out by the dealer from whom the product has been purchased, or through the Authorized Service Centers of LGEIL. In case the customer shifts the place of residence during warranty period, it is advised to contact Authorized Service Centre directly or call our help line.
3. Repairs under warranty shall be carried out by an authorized service personnel only. The details of centralized help lines are attached.
4. For units installed beyond municipal limits of the jurisdiction of company's Authorized Service Center, it is responsibility of the purchaser to contact the nearest authorized service center and bring the unit to the authorized service center at its own cost and risk. All expenses incurred in collecting the units or parts thereof from the company's authorized service center, as well as expenses incurred with deputizing of service personnel/technicians towards conveyance and other incidentals etc. will be borne by the customer. Local Charges for transportation and handling charges may vary from location to location. Customers are advised to verify before. In case the customer desires to bring the unit on its own to the Authorized Service Centre, the same shall be at its own risks & consequences.
5. The concerned authorized service center will advise the customer whether to effect the repairs at site or at the authorized service center.
6. Call registered with the centralized helpline/Authorized service center, wherein only cleaning of the unit/parts in the unit due to dust accumulation on portions of the unit, general explanations/returning, are not to be considered as defects.
7. In case of repairs or replacement of any part/s of the unit, this warranty will thereafter continue and remain in force only for the unexpired period of the warranty. Replacement of parts would be purely at the discretion of LGEIL alone. In case the replacement of the entire unit is being made, (subject to the sole discretion of LGEIL), the same model shall be replaced and in the event such model has been discontinued, it shall be replaced with the model of price equivalent at the time of purchase.
8. In case of any damage to the product / customer abuse/ repairs by un-authorised personnels/ misuse detected/ by the Authorized Service Center personnel, the warranty conditions are not applicable and repairs will be done subject to availability of parts and on a chargeable basis only.
9. This warranty shall not cover any consequential or resulting liability, damage or loss to property or life arising directly or indirectly out of any defect in the Refrigerator. The company's obligation under this warranty shall be limited to repair or providing replacement of defective parts only under the warranty period.
10. The company or its Authorized Service Center reserves the right to retain any part/s or component replaced at its discretion, in the event of a defect being noticed in the equipment during warranty period.
11. While the company will make every effort to carry out repairs at the earliest, it however is made expressly clear that the company is under no obligation to do so in a specified period of time.
12. Warranty does not cover accessories external to the equipment supplied by the dealer.
13. If any coloured internal or external components are replaced, there will be commitment to ensure that the shades match with the original or other components. The replaced shades, patterns, tints may vary from the customer's unit due to continuous usage of the unit. Any matching components changed at customer's request will be on chargeable basis except the component which actually needed.

Warranty is not applicable in any of the following cases :
1.The warranty card is not completed properly at the time of purchase. 2. The completed warranty card is not presented to authorized service personnelat the time of service of the product. 3. The product is not operated according to instructions given in the Operating Instruction Booklet. 4. Defects are caused by improper or reckless use, which shall be determined by the company personnel. 5. Any repair work is carried out by persons other than authorized service personnel. 6. Defects are caused by due to causes beyond control like lightening, abnormal voltage, acts of God or while in transit to service center or purchaser's residence. 7. The warranty is not valid in case, the serial number is deleted, defected or altered. 8. Damage to the product or any part/s due to transportation or shifting is not covered by warranty. 9. a) This warranty will automatically terminate on the expiry of the warranty period of 12 months, even if the Refrigerator may not be in use for any time during the warranty period for any reason. b) The warranty on compressor will automatically terminate on expiry of 4 or 9*(Selected Model) years (after 1 year warranty period) even if the Refrigerator may not be in use for any time during the said period for any reason. 10. Only courts in state of Delhi and places where LGEIL has it's branch office shall have the jurisdiction for settling any claims, disputes arising under the warranty.

CUSTOMER'S COPY

MODEL No. : DATE OF PURCHASE :

UNIT SERIAL No. :

| CUSTOMER'S NAME & ADDRESS | DEALER'S NAME & ADDRESS |
|---|---|
| _____ | _____ |
| _____ | _____ |
| TEL. _____ | TEL. _____ |

Customer's Signature Dealer's Signature

This card is valid only if it is filled in and stamped by our authorised dealer on the date of purchase.

# Customer Information Center

For any query related to the after sales service, please contact us on the numbers listed below :

| City name | Contact No. |
|---|---|
| Bangalore | 1800-315-9999<br>1800-180-9999<br>(BSNL/MTNL Users) |
| Bhopal | |
| Calcutta | |
| Chennai | |
| Coimbatore | |
| Hyderabad | |
| Indore | |
| Jaipur | |
| Rajkot | |
| Surat | |
| Ahmedabad | |
| Delhi + NCR | |
| Lucknow | |
| Mumbai + Thane | |
| Nagpur | |
| Pune | |

| State | |
|---|---|
| Andhra Pradesh | 1800-315-9999<br>1800-180-9999<br>(BSNL/MTNL Users) |
| Gujarat | |
| Karnataka | |
| MP | |
| Rajasthan | |
| Tamil Nadu | |
| UP - Eastern | |
| West Bengal | |
| Chandigarh | |
| Punjab | |

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LG

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To know more about LG, visit www.lg.com/in
For Corporate/Institutional enquiries,
please write to corp.enquiries@lge.com

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