



FRIDGE

User's Guide

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

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* 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

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.

Important Safety Instruction

⚠ WARNING

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

1. When connecting the power

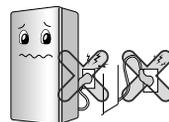
A dedicated outlet should be used.

- Using several devices at one outlet may cause fire.
- If unit is connected to an earth leakage breaker it may trip resulting in spoiled food.



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

If the cord is crushed behind the refrigerator it may damage the cable resulting in fire. An upward facing plug may pull loose under the weight of the cord resulting in electrical failure causing fire or the fridge turning off and spoiling food.



Prevent the power cord from being crushed or kinked if the refrigerator is pushed in after the power plug is extracted during the installation.

Crushed or kinked cables can become 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.

Do not allow heavy objects to kink or crush the power cord.

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



Important Safety Instruction

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

This may become the cause of fire or electric shock.



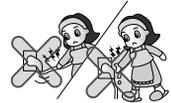
Unplug the power plug when cleaning, handling or replacing the interior lamp of the fridge-freezer.

- It may cause electric shock or injury.
- When replacing the interior lamp of the fridge-freezer, make sure that the insulating rubber ring 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 cause fire or electric shock.



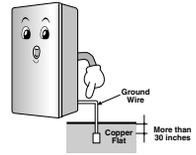
Do not disconnect by pulling on the cord. Always disconnect by grasping and pulling on the plug top.

Pulling on the cable may damage the cable resulting in electric shock or fire.



Important Safety Instruction

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.



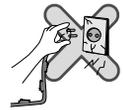
Incorrect grounding may lead to electric shock in the event of a breakdown.

Always have unit grounded in accordance with local regulations.

If incorrectly grounded it may become the cause of a fire.

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 be the cause of a fire.



Wait for 5 minutes or longer when reconnecting the plug.

It may cause the operation of the refrigerator to fail.



2. When using the fridge-freezer

Do not place heavy objects or liquid filled objects on the top of the refrigerator.

Heavy objects may fall when opening and closing doors resulting in injury. Liquid filled objects may leak or fall and break resulting in injury, or electric shock.



Do not lean on or hang from the doors or shelves of the refrigerator.

This may damage the doors or shelves of the refrigerator or cause it to topple over resulting in injury and damage. Always supervise children when they are near the refrigerator.



Important Safety Instruction

Prevent children from entering the product.

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



Take care when opening and closing the refrigerator doors. Vigorous opening or closing may cause the contents to topple out resulting in injury or damage.

Do not install the refrigerator in a damp or wet environment.

Moisture may penetrate electrical components resulting in fire or electric shock.



Do not store or use Inflammable materials in or around the refrigerator.

It may become the cause of an explosion or fire.



Do not use or place heated or flame based scented products (Such as scented candles or incense burners) in the fridge to deodorise.

It may become the cause of an explosion or fire.



Important Safety Instruction

Do not store medicine or academic materials in the fridge-freezer.

If materials with strict temperature restrictions, such as medicines, are stored, they may deteriorate or react undesirably resulting in possible harm or risk.



Do not use any combustible spray near the fridge-freezer.

It may become the cause of an explosion or fire.



Avoid any heating devices. Install in places away from any flame. Such as fireplaces, heaters and ovens. Pay particular attention to avoid locating near gas related products.

It may become the cause of an explosion or fire.



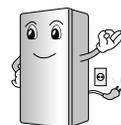
Do not place flower vases, cups, cosmetics, medicine or any container with water on the fridge-freezer.

It may fall, leak or spill resulting in possible electric shock or fire.



In case of a heavy electrical storm or if unit is not to be used for a long period of time, disconnect the power plug.

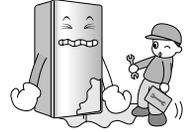
There is a possibility for electrical damage. This may lead to an electric shock or fire.



Important Safety Instruction

DO NOT use a water damaged unit until it has been certified safe by a licensed electrician or similarly qualified person.

It may be the cause of an electric shock or fire.



Do not spray water on either the inside or outside of the refrigerator. Do not use alcohol or mineral based cleaners on the refrigerator (such as Benzene or Thinners).

These may deteriorate or penetrate the insulation or electrical components resulting in possible electric shock, fire or damage to refrigerator.



When any strange smell or smoke is detected from the fridge-freezer, disconnect the power plug immediately and contact a service center.

Continuing to run unit may result in Damage or fire.



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

It may cause injury, electric shock or fire.



Important Safety Instruction

Do not use the fridge-freezer for non-domestic purposes (storing medicine or testing material, or use in a mobile application.)

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



When disposing the fridge-freezer, remove the doors from the refrigerator.

Failure to do so may cause a child to become trapped inside.



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 fridge-freezer on a solid and level floor.

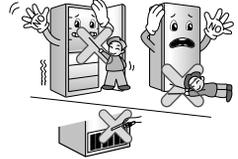
Installing it in an unstable place may cause death by the refrigerator falling down when opening or closing the door.



Important Safety Instruction

Do not insert hands or a metal object into the exit of cool air, the cover, the bottom of the fridge-freezer, the heatproof grill (exhaust hole) at the back.

It may cause an electric shock or injury.



⚠ CAUTION

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

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

It may cause frostbite.



Ensure that all foods and containers are stored or stacked in a stable manner.

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

Do not put filled bottles in the freezer.

It may freeze the contents and break the bottle possibly resulting in injury.



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

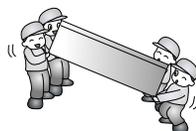
The iron plate at the bottom may cause injury.



Important Safety Instruction

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

Otherwise, your hands may slip possibly resulting in injury or product damage. Because the product is heavy, carrying it alone may hurt people or accidents may occur.



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

Opening both doors can result in fingers or hands being crushed in the small gap between the doors. Open doors could result in children being hurt by the corners of the doors (particularly the freezer door as lower edge might be out of line of site).



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



Precaution

Important Safety Instruction

⚠ Warning

- 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 refer 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.
- After your fridge-freezer is in operation, do not touch the cold surfaces in the freezer compartment, particularly when hands are damp or wet. Skin may adhere to these extremely cold surfaces.
- Pull out the power plug prior to cleaning the fridge-freezer.
Never damage, severely bend, pull out, or twist the power cord because power cord damage may cause a fire or electric shock.
Never place glass products in the freezer because they may be broken when their inner contents are frozen.
- Do not directly spray water inside or outside the fridge/freezer.
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.
Water may penetrate electrical components causing a risk of fire, electric shock or damage.

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

It will cause electric shock or fire.



Accessibility of Supply Plug

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

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.

Danger

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

Don't store or use gasoline or other flammable vapors 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.

⚠ Warning

Important Safety Instruction

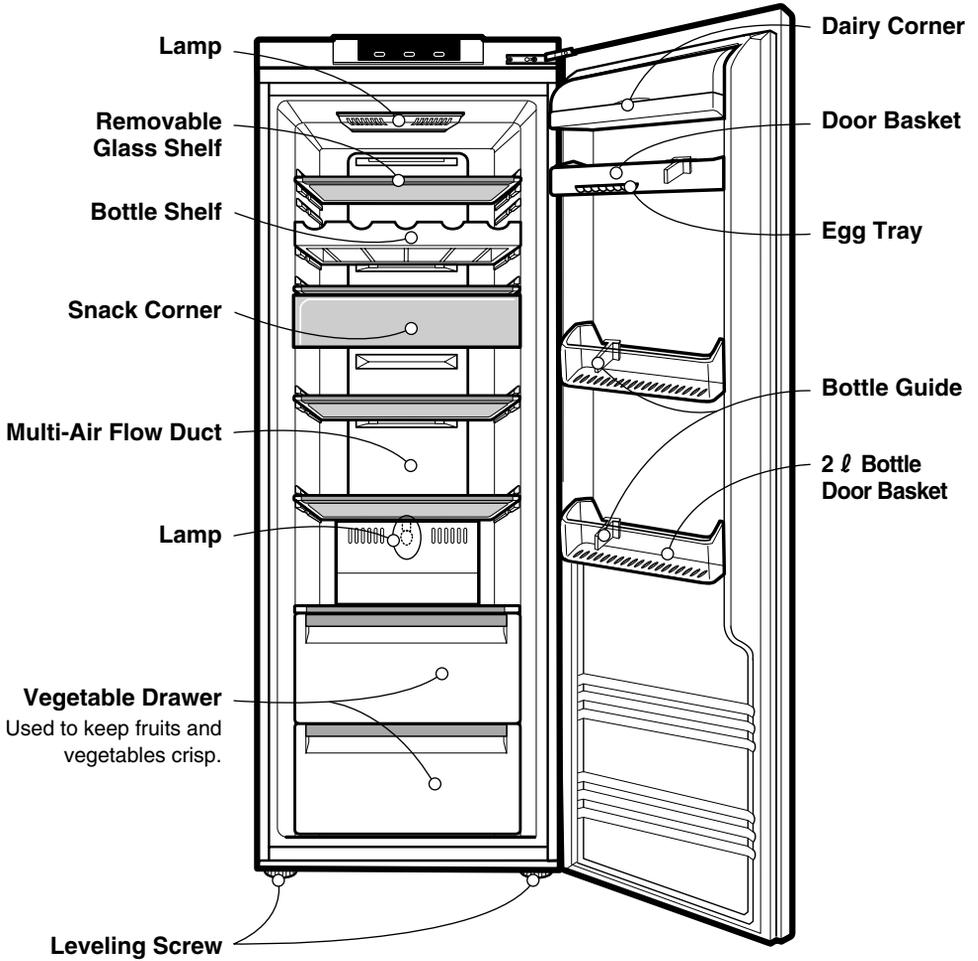
- ⚠ Keep ventilation openings, in the appliance enclosure or in the built-in structure, clear of obstruction.
- ⚠ Do not use mechanical devices or other means to accelerate the defrosting process, other than those recommended by the manufacturer.
- ⚠ Do not damage the refrigerant circuit.
- ⚠ Do not 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.

Important Safety Instruction

⚠ Caution

- If the wall socket is loose, do not insert the power plug.
It may cause an 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 that could cause an electric shock or fire.
- 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 a 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

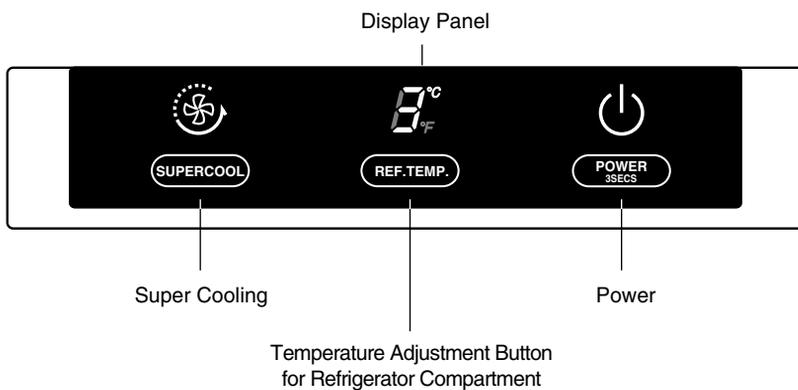


Temperature Control

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.

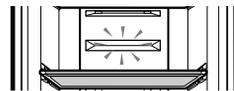
Door Alarm

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

Low-temperature catalyst deodorization system (removing smells)

Features

1. The deodorizer will not harm any stored food while it maintains odor reduction.
2. It is advised to place food stuff that has a strong odor in a sealed container before storing in the refrigerator. Pay particular attention to fermented foods etc as the strong smells may permeate other stored foods.



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 break.)



Snack compartment

Place small food such as cookies and bread here. (Do not place bottles or jars in this compartment.)



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 the 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, place it on the 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 place a lot of vegetables in it, dew may form in it, which has no effect on its performance. Remove the dew with a lint free cloth.

General Information

Power Failure

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

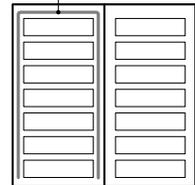
If You Move

- Take out foods from the fridge and firmly fix the loose shelves, draws and accessories 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



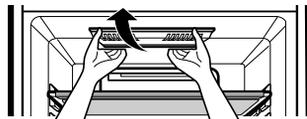
How to disassemble each component

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

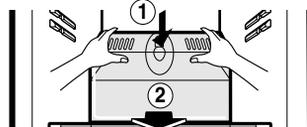
Disconnect the power plug or turn off the main power before disassembling.

- 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

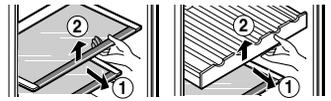
- You must check the O-RING, which is made from rubber.
- Don't touch the lamp, if the light was on for a long time. Because it can be very hot.

Note

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

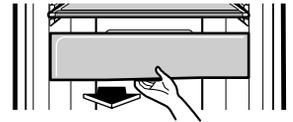
**Refrigerator/
Bottle shelf**

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



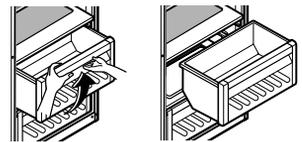
**Snack
compartment**

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



**Vegetable
compartment**

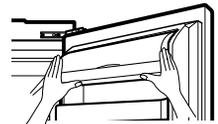
Pull out and then slightly lift up and pull out the vegetable compartment to remove as shown at the figure.



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

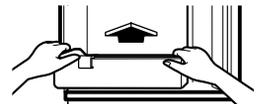
**Dairy goods
compartment**

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



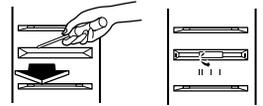
Refrigerator basket

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

⚠ Caution

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

However, When you want to reverse the doors, you must contact a 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 hot damp cloth with or without cleaning 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 other appliances in the house for operation.

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.
Level refrigerator by adjusting the leveling feet.
- Objects fallen or stored behind refrigerator.

Frost or Ice Crystals on frozen Food

- Door may have been left ajar or package holding door open.
- Door opened too frequently or for too long a period.
- Frost within package is normal.

Moisture forms on Cabinet Surface

- This phenomenon is likely to occur when installation location is in a high humidity or damp environment.
Wipe it with a dry towel.

Problem	Possible Causes
Moisture collects inside	<ul style="list-style-type: none">• Door opened too frequently or for too long a period.• In humid weather, air carries moisture into fridge when doors are opened.
Fridge has odor	<ul style="list-style-type: none">• Foods with strong odors should be tightly covered or wrapped.• Check for spoiled food.• Interior needs cleaning. Refer to CLEANING section.
Door not closing properly	<ul style="list-style-type: none">• Food package is keeping door open. Move packages that stop 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. Adjust leveling feet to create a slight tilt backwards on the refrigerator.
Interior light does not work	<ul style="list-style-type: none">• No power at outlet.• Light lamp needs replacing. Refer to the Lamp Replacement section



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