LG
Life's Good

ENGLISH

Owner's Manual

REFRIGERATOR-FREEZER

Please read carefully the manual instruction and safety caution before operating your refrigerator and retain it for future reference

www.lg.com

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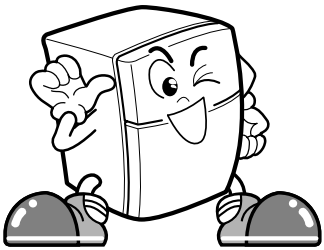


IMPORTANT SAFETY INFORMATION

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 WARNING, or CAUTION. These words mean:

⚠ **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

- ⚠ 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 compartment 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 services agent or a similarly qualified person.

Risk of Fire and Flammable Materials

This symbol alerts you to flammable materials that can ignite and cause a fire if you do not take care.

IMPORTANT SAFETY INFORMATION

- This appliance contains a small amount of isobutane refrigerant (R600a), but it is also combustible. When transporting and installing the appliance, care should be taken to ensure that no parts of the refrigerating circuit are damaged.
- If a leak is detected, avoid any naked flames or potential sources of ignition and air the room in which the appliance is standing for several minutes. In order to avoid the creation of a flammable gas air mixture if a leak in the refrigerating circuit occurs, the size of the room in which the appliance is used should correspond to the amount of refrigerant used. The room must be 1 m² in size for every 8 g of R600a refrigerant inside the appliance.
- When positioning the appliance, ensure the supply cord is not trapped or damaged.
- Do not locate multiple portable socket-outlets or portable power supplies at the rear of the appliance.
- 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 (For IEC countries).
- This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision (For CENELEC countries: AT, BE, BG, HR, CY, CZ, DK, EE, FI, MK, FR, DE, GR, HU, IS, IE, IT, LV, LT, LU, MT, NL, NO, PL, PT, RO, SK, SI, ES, SE, CH,TR, GB).
- If the supply cord is damaged, it must be replaced by LG Electronics Service Agent in order to avoid a hazard.
- This product uses an LED Lamp which can not be replaced by the user. Please contact authorized service centre for the lamp replacement.
- This appliance is equipped with a power cord having an equipment-grounding conductor and a grounding power plug. The power plug must be plugged into an appropriate socket outlet that is installed and grounded in accordance with all local codes and ordinances.
- Children aged from 3 to 8 years are allowed to load and unload refrigerating appliances.
- This refrigerating appliance is not intended to be used as a built-in appliance.

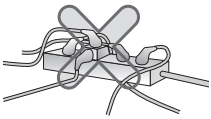
⚠ WARNING

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

Do not use many power outlets.

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

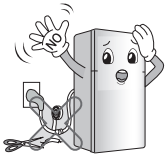


Prevent the power cord from being squeezed or imprinted if the refrigerator is pushed in after the power plug is extracted during the installation.

It becomes the cause of fire or electric shock.

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.

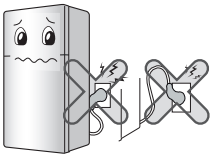


Pull out the power plug not by grasping the cord but the plug of its end.

It may cause electric shock or short circuit to fire.

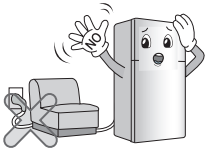
Do not allow the power plug to face upward or to be squeezed at the back of the refrigerator.

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



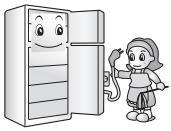
Do not allow the power cord bent or pressed by the heavy object to be damaged.

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



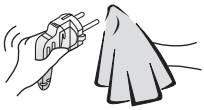
Unplug the power plug when cleaning, handling or replacing the interior lamp of the refrigerator.

- 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.

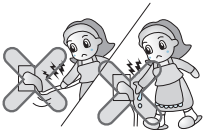


IMPORTANT SAFETY INFORMATION

1. When connecting the power

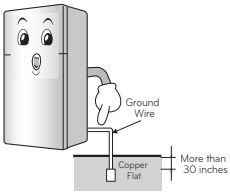
Do not pull out the cord or touch the power plug with wet hands.

It may cause electric shock or injury.



Make sure of grounding.

The incorrect grounding may cause breakdown and electric shock.



Be sure to use grounded exclusive proper voltage consent for the power plug.
Be sure to use grounded extension consents when extension consents are used.

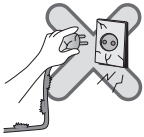
It becomes the cause of fire.

Wait for 5 minutes or longer when reconnecting the plug.

It may cause the operation of the freezer to fail.

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.



2. When using the refrigerator

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.

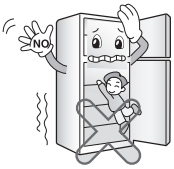
Opening and closing the door of the refrigerator vigorously may cause the stored food in the refrigerator basket to fall by shock and hurt the foot, so take precautions.

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.

Prevent children from entering the product.

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



2. When using the refrigerator

Do not cling to the door or the shelves of the door or the cool chamber.

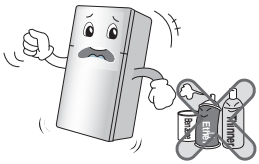
It may make the refrigerator fallen down or damage the hands. Especially, do not allow the children to do the above.

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.

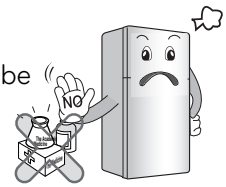
Do not use or store inflammable materials ether, benzene, alcohol, medicine, LP gas, spray or cosmetics near or in the refrigerator.

It may cause explosion or fire.



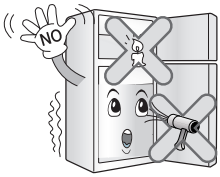
Do not store the medicine or the academic materials at the refrigerator.

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.



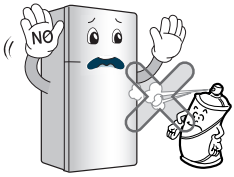
Do not use drier to dry the inside, nor light a candle to remove odor.

It may cause explosion or fire.



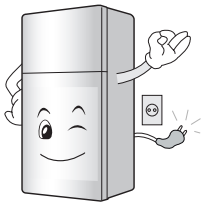
Do not use the combustible spray near the refrigerator.

It may cause fire.



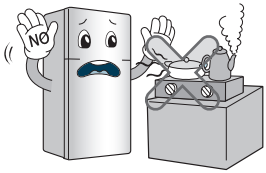
In case of thunder and lightning, or not in use for a long period of time, detach the power plug.

There is a danger of electric shock or fire.



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

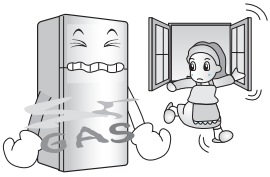
It may cause fire.



2. When using the refrigerator

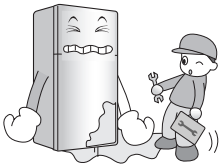
When gas is leaked, do not touch the refrigerator or the air outlet and ventilate the room immediately.

- The explosion by spark may cause fire or burn.
- If there is a gas leakage (isobutane, propane, natural gas, etc.), do not touch the appliance or power plug and ventilate the area immediately. This appliance uses a refrigerant gas (isobutane,R600a). Although it uses a small amount of the gas, it is still combustible gas. Gas leakage during appliance transport, installation or operation can cause fire, explosion or injury if sparks are caused.



Use the submerged refrigerator after checking it.

It may cause electric shock or fire.

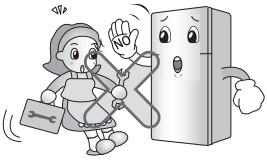


Do not spray water at the outside or the inside of the refrigerator or do not clean it with benzene or thinner.

Deterioration of insulation of electric parts may cause electric shock or fire.

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

It may cause injury, electric shock or fire.

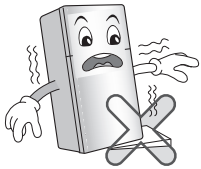


When disposing the refrigerator, remove the packing materials from the door.

It may cause to lock out the child.

Install the refrigerator on the solid and level floor.

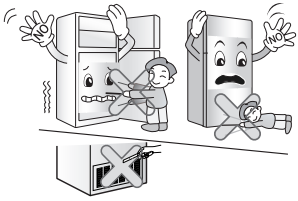
Installing it on the unstable place may cause death by falling down the refrigerator when opening or closing the door.



2. When using the refrigerator

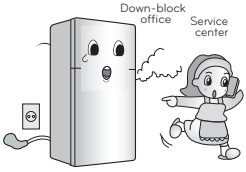
Do not insert the hands or the metal stick into the exit of cool air, the cover, the bottom of the refrigerator, the heatproof grill (exhaust hole) at the backside.

It may cause electric shock or injury.



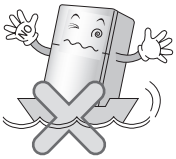
When any strange smell or smoke is detected from the refrigerator, disconnect the power plug immediately and contact to the service center.

It may cause fire.

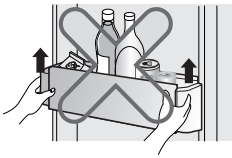


Do not use the refrigerator for non-domestic purpose (storing medicine or testing material, using at the ship, etc.).

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

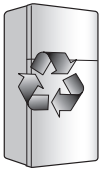


Completely empty inside before taking out the container from the door.

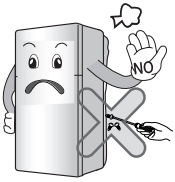


What to do with your old refrigerator.

Your refrigerator contains liquids (refrigerant, lubricant) made of recyclable materials. Allthese materials must be sent to a recyclingwaste disposal site as they can be reused aftera specific recycling process. Contact localauthorities.

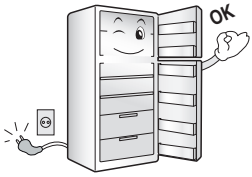


Do not remove the cover on the back.

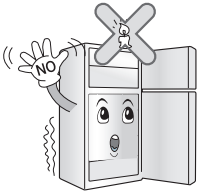


Do not use an Adapter on the back.

Place all the components in the right places before connecting the power.



Never leave lit candles or incense on the fridge, at risk of causing fire or product damage.



⚠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.

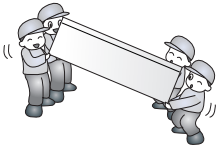
It may cause frostbite.

Do not put bottle in the freezer.

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

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

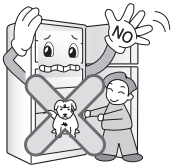
Otherwise, your hands may be slipped to cause injury. Because the product is heavy, carrying it alone may hurt people or accidents may occur.



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 any living animal in the refrigerator.

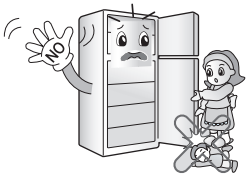


Do not insert the hands into the bottom of the refrigerator.

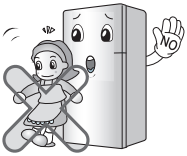
The iron plate of the bottom may cause injury.

Because opening or closing the door or the home bar of the refrigerator may cause injury to the person around it, be careful, please.

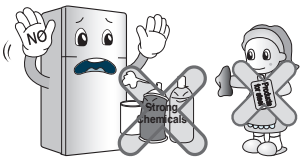
Opening or closing the door may cause feet or hands to be caught in the chink in door or the child to be get hurt by the corner.



Do not lean on the doors. Hinges may deregulate themselves, harming seal cooler and compromising performance.



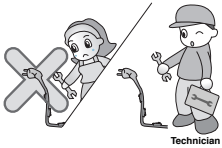
Do not use products such as grinding sponge, brush, iron, or even special products to clean stainless steel, soap products such as alcohol, kerosene, gasoline, wax, or solvent, or strong chemicals such as chlorine, detergent, or vinegar, for the purpose of gloss. These products may damage the protective lacquer, and they may cause risk or stain on the surface of the refrigerator.



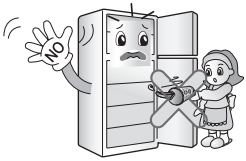
Do not store excessive water bottle or side dish container, etc. in the door basket. It will make you put excessive force to take out the water bottle or side dish container from the basket, and it may damage the basket or it may cause injury of your hand hitting the surrounding structure.

Avoid the contact of oil or fat on the plastic parts. They may cause damage.

When the power cord is damaged, let a technician to replace it to remove the danger of an accident.



Do not apply oil in the door connection part in any circumstances. It may cause damage to the plastic parts.



⚠ WARNING

Please do not use a dishwasher to clean the lower drawers; the high temperature may cause damage to the baskets which make them unusable.

THIS REFRIGERATOR IS MANUFACTURED WITH GREAT CARE, AND UTILIZES THE LATEST IN TECHNOLOGY.
WE ARE CONFIDENT THAT YOU WILL BE FULLY SATISFIED WITH IT'S PERFORMANCE AND RELIABILITY.
BEFORE YOU START YOUR REFRIGERATOR, PLEASE READ THIS BOOKLET CAREFULLY.
IT PROVIDES EXACT INSTRUCTIONS FOR INSTALLATION, OPERATION AND MAINTENANCE, AND ALSO SUPPLIES SOME USEFUL HINTS.

INSTALLATION

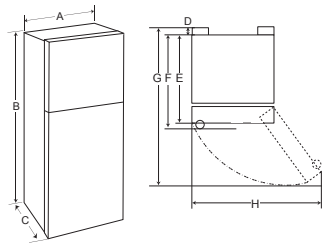
1. Select a good location. Place your refrigerator where it is easy to use.
2. Avoid placing the unit near heat sources, direct sunlight or moisture.
3. Air must circulate properly around your refrigerator to ensure efficient operation. If your refrigerator is placed in a recessed area in the wall, allow at least 10 inches (25 cm) or greater clearance above the refrigerator and 2 inches (5 cm) or more from the wall. The refrigerator should be elevated 1 inch (2.5 cm) from the floor, especially if the floor is carpeted.
4. To avoid vibrations, the unit must be level. If required, adjust the leveling screws to compensate for unevenness of the 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 clockwise ( ) to raise the unit, counterclockwise ( ) to lower it.
5. Don't install this appliance below 5°C. It may cause the debasement of the refrigerator.

NEXT

1. Clean your refrigerator thoroughly and wipe off all dust accumulated during shipping.
2. Install accessories such as ice cube box, etc., in their proper places. They are packed together to prevent possible damage during shipment.
3. Connect the power supply cord (or plug) to the outlet. Don't double up with other appliances on the same outlet.
4. Prior to storing food, leave your refrigerator on for 2 or 3 hours. Check the flow of cold air in the freezer compartment to ensure proper cooling. Your refrigerator is now ready for use.

Dimensions and Clearances

Too small of a distance from adjacent items may result in the degradation of freezing capability and increased electricity costs. Allow over 50 mm of clearance from each adjacent wall when installing the appliance.



-	Size (mm)		
	Type (a)	Type (b)	Type (c)
A	600	555	555
B	1690	1665	1520
C	665	620	585
D	37	37	37
E	628	583	548
F	-	-	-
G	1210	1130	1090
H	1070	990	990

NOTE

- You can determine what type of appliance it is by looking at the label inside the fridge compartment.

Ambient Temperature

The appliance is designed to operate within a limited range of ambient temperatures, depending on the climate zone. Do not use the appliance at a temperature exceeding the limit. The internal temperature could be affected by the location of the appliance, the ambient temperature, the frequency of door opening and so on.
The climate class can be found on the rating label.

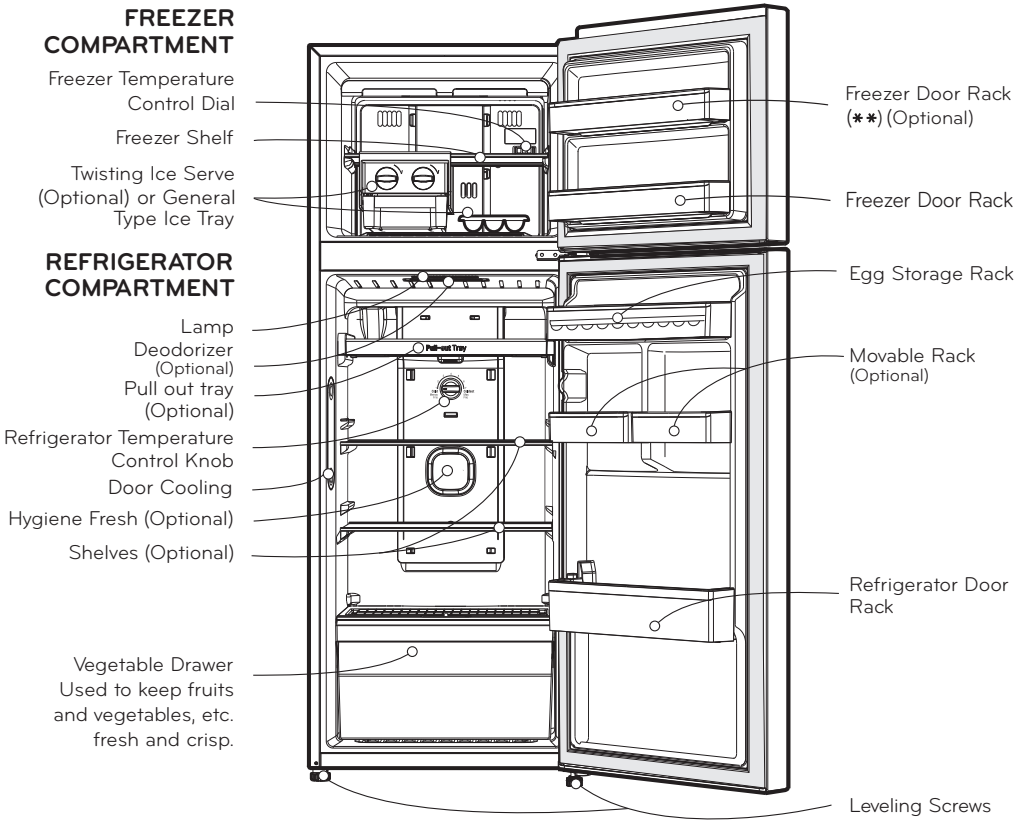
Climate Class	Ambient Temperature Range ºC
SN (Extended Temperate)	+10 - +32
N (Temperate)	+16 - +32
ST (Subtropical)	+16 - +38
T (Tropical)	+16 - +43 / +10 - +43*

*Australia, India, Kenya

NOTE

- The appliances rated from SN to T are intended to be used at an ambient temperature between 10 ºC and 43 ºC.

FEATURE CHART



NOTE

- This guide covers several different models. The refrigerator you have purchased may have some or all of the features shown above.
- To keep a position of inner parts like as baskets, drawers and shelves supplied by manufactureris the most efficient usage for energy saving.

SUGGESTION FOR ENERGY SAVING

- Please do not keep the door open for a long time, close door in the shortest time.
- Too much food are not advised to be put in. Enough space should be kept for cool air circulating freely.
- Do not set the temperature of refrigerator lower than needed. Do not put the food near the temperature sensor.
- Allow hot food to cool prior to storing. Placing hot food in the fridge-freezer could spoil other food, and lead to higher electric bills.
- Do not block air vents with food. Smooth circulation of cold air keeps fridge-freezer temperature even.
- Do not open the door frequently. Opening the door lets warm air enter the fridge-freezer, and cause temperature to rise.
- For the most efficient use of energy, make sure that door bins, drawers and shelves are assembled properly.
- When storing food in the freezer compartment, set the freezer temperature lower than the temperature indicated on the food.
- Do not set the temperature of the appliance lower than needed.

OPERATIONS

STARTING

When your refrigerator is first installed, allow it 2-3 hours to stabilize at normal operating temperatures prior to filling it with fresh or frozen foods.

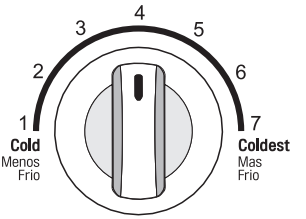
If operation is interrupted, allow 5 minutes delay before restarting.

BEFORE SETTING THE TEMPERATURE

- This refrigerator has one temperature control knob for the refrigerator compartment and one temperature control dial for the freezer compartment.
- The default setting of the temperature control knob for the refrigerator compartment is '4'.
- The default setting of the temperature control dial for the freezer compartment is '3' .

TEMPERATURE CONTROL

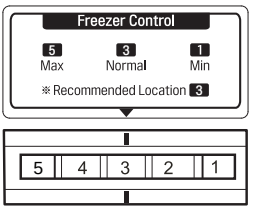
❒ CONTROLS FOR REFRIGERATOR COMPARTMENT



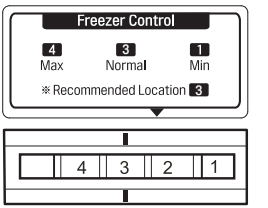
- For colder temperatures, adjust the control knob to Coldest, and for warmer temperatures, adjust the control knob to Cold position.

❒ CONTROLS FOR FREEZER COMPARTMENT

※ Depend on your product



<Type A>



<Type B>

- The higher the number the Freezer setting is set to, the lower the temperature of the freezer compartment will become.
- Since the temperature of the refrigerator and freezer compartments is controlled with a fixed amount of cooled air, the refrigerator compartment will be warmer if the freezer compartment becomes colder.
- When the freezer compartment is not cold enough in summer, adjust the control in the freezer to High (4~5) for type A or (3~4) for type B.
- Setting the Freezer dial at (4~5) for type A or (3~4) for type B will maintain a low temperature in the freezer. But the Refrigerator's cooling speed will be reduced. When set to (4~5) for type A or (3~4) for type B during hotter climates, it may also be necessary to adjust the refrigerator compartment temperature to a cooler temperature (6~7).
- Knob 5 ~ 7 for type B is for quick freezing in the freezer compartment. The refrigerator can be operated continuously or the refrigerator compartment can be warmer. When the quick freezing is finished, please return to set the Knob at Normal.

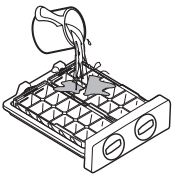
OPERATIONS

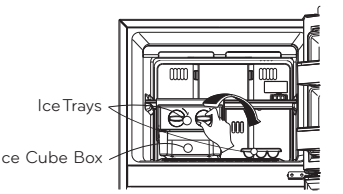
ICE MAKING

※ Determine which type ice-making system you have.

❒ Twisting Ice Serve Type

- To make ice cubes, fill the ice tray with water and insert in its position.
- To remove ice cubes, hold the knob of the tray and turn gently. Then, ice cubes drop in the ice cube box.
- You can remove the Twisting Ice Serve to make the freezer compartment larger.
- You should remove the ice Trays and Ice Cube Box first, then pull the frame out toword the right side.





❒ General Type

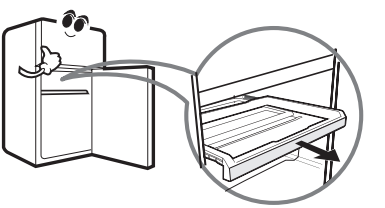
- To make ice cubes, fill the ice tray with water and insert in its position.
- To remove ice cubes, hold the tray at its ends and twist gently.

DEFROSTING

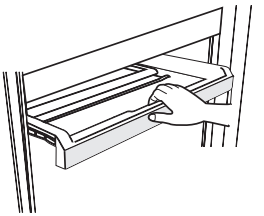
Defrosting takes place automatically.
The defrosted water from the evaporator flows down to the evaporating tray which is located in the lower back side of the refrigerator and is then evaporated by natural convection.

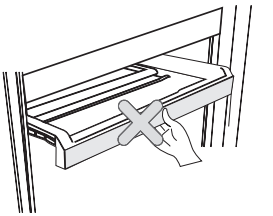
PULL OUT TRAY (OPTIONAL)

The pull out tray offers easy access to the rear of the food drawer by sliding the tray out.



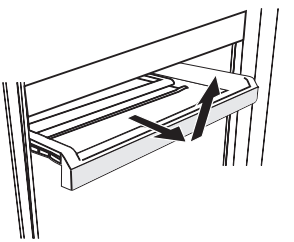
Please do not hold the bottom of the tray when slide the tray in, as it could catch your hand.





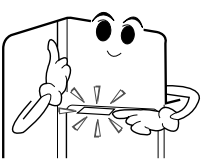
How to remove the Pull Out Tray

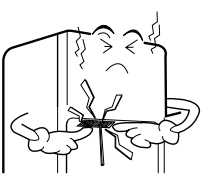
Fully extend the Pull-Out-Tray and lift the front then pull it out slowly.



DEODORIZER (SOME MODELS)

- Unpleasant odor of food in fresh food compartment is deodorized with no harm to you and the food.



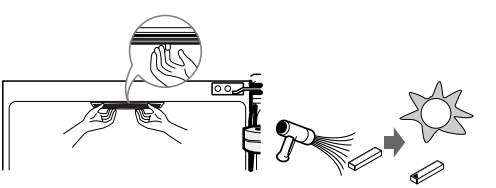


How to use

- As Deodorizer is located in cooling air inlet for circulating air in fresh food compartment, there is no need for any handling.
- Do not prick the cooling air inlet with a sharp tip because Deodorizer may be damaged.
- When storing food with a strong odor, wrap it or store it in a container with a lid because odor may be passed on to other foods.

Re-Using of Deodorizer

- Used some length and the odor is strong, Deodorizer can be revived and re-used.
- Separate Deodorizer in ceiling of refrigerator compartment, using hair drier to remove moisture or malodor and oxidize under sunlight to decomposing malodor by ultraviolet.



SUGGESTIONS ON FOOD STORAGE

STORING FOOD

- 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, pineapples, and melons.
- Allow hot food to cool prior to storing. Placing hot food in the refrigerator could spoil other food and lead to higher electric bills!
- When storing, cover food 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, causing temperatures to rise.
- Opening the door for long periods can cause a significant increase of the temperature in the compartments of the appliance.
- If the refrigerating appliance is left empty for long periods, switch off, defrost, clean, dry, and leave the door open to prevent mould developing within the appliance.
- Store raw meat and fish in suitable containers in the refrigerator, so that it is not in contact with or drip onto other food.
- Food may freeze or spoil if stored at the wrong temperature.
  Set the refrigerator to the correct temperature for the food being stored.
- Do not store food for a long period of time if it spoils easily at a low temperature.
- Place the refrigerated food or frozen food in each fridge or freezer compartment immediately after purchasing.

FREEZER COMPARTMENT

- Do not store bottles in the freezer compartment - they may break when frozen.
- Do not refreeze food that has been thawed. This deteriorates taste and nutrition.
- When storing frozen food like ice cream for a long period, place it on the freezer shelf, not in the door rack.
- It is recomended to load food at least 25mm for type A or 15mm for type B against back of freezer wall, it will keep good air circulation in the freezer compartment (see page 15).
- Freezer Door Basket, marked (**) is -12°C compartment, that is suitable for short term storage of frozen food (optional).
- Two star frozen food compartments are suitable for storing pre-frozen food, storing or making ice cream and making ice cubes (optional).
- Two star compartments are not suitable for the freezing of fresh food (optional).
- To freeze food items quickly, store the food in the center of lower compartment. Food items will freeze most quickly in the zone.
- The Door Baskets are not 2 star compartment according to new energy labeling regulation (EU) 2019/2016.

REFRIGERATOR COMPARTMENT

- Avoid placing moist food deep inside refrigerator shelves, it could freeze upon 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 clean to prevent adjacent food from spoiling.
- When storing eggs in their storage rack, ensure that they are fresh. Always store them in a upright position, which keeps them fresh longer.

CLEANING

It is important that your refrigerator be kept clean to prevent undesirable odors. Spilled food should be wipe up immediately, since it may acidify and stain plastic surfaces if allowed to settle.

Never use metallic scouring pads, brushes, coarse abrasive cleaners or strong alkaline solutions on any surface.

Before you clean, however, remember that damp objects will stick or adhere to extremely cold surfaces. Do not touch frozen surfaces with wet or damp hands.

EXTERIOR - Use a lukewarm solution of mild soap or dish washable solution 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 of the interior and interior parts is recommended. Use a lukewarm solution of mild soap or dish washable solution to clean the durable finish of your refrigerator. Wipe with a clean, damp cloth and then dry.

INTERIOR PARTS - Wash compartment shelves, door racks, storage trays and magnetic door seals etc. Use a lukewarm solution of mild soap or dish washable solution to clean the inner lining of your refrigerator. Wipe with a clean damp cloth and then dry.

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 electric shock. Do not use flammable or toxic cleaning liquids.

- Do not use : Surface active agents, Car wax, Anticorrosive, or any kind of oil, Gasoline, Acids, Wax.
- Only use dish washable solution, and soapy water when cleaning.
- Using harsh cleaning chemicals will cause the external finishes to change colour.

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 to be away for an extended period, remove all food, disconnect the power cord, clean the interior thoroughly, and leave each door OPEN to prevent odor formation.

POWER FAILURE

Most power failures are corrected in an hour or two and will not affect your refrigerator temperatures. However, you should minimize the number of door openings while the power is off. During power failures of longer duration, place a block of dry ice on top of your frozen packages.

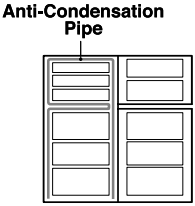
IF YOU MOVE

Remove or securely fasten down all loose items inside the refrigerator.
To avoid damaging the leveling screw(s), turn them all the way into the base.

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.

ANTI-CONDENSATION PIPE

The outside wall of the refrigerator cabinet may sometimes get warm, especially just after installation.
Don't be alarmed.
This is due to the anti-condensation pipe, which pumps hot refrigerant to prevent "sweating" on the outer cabinet wall.



LAMP REPLACEMENT

NOTE

- This product applies LED Lamp which can not be replaced by the user. Please contact authorized service centre for the lamp replacement.

IMPORTANT WARNINGS

DO NOT 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.

ABOUT GROUNDING (EARTHING)

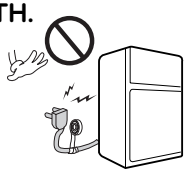
In the event of an electric short circuit, grounding (earthing) reduces the risk of electric shock by providing an escape wire for the electric current.

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.

DO NOT MODIFY OR EXTEND THE POWER CORD LENGTH.

It will cause electric shock or fire.



VERY DANGEROUS ATTRACTION

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

This appliance must be grounded (earthed).

DON'T WAIT! DO IT NOW!

Do not store inflammable materials, explosives or chemicals in the refrigerator.

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

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.

BEFORE CALLING FOR SERVICE

SERVICE CALLS CAN OFTEN BE AVOIDED!

IF YOU FEEL YOUR REFRIGERATOR IS NOT OPERATING PROPERLY, CHECK THESE POSSIBLE CAUSES FIRST :

PROBLEM	POSSIBLE CAUSES
THERE IS NO REFRIGERATION OR FREEZING	● Is there a power interruption? - Check the power of other appliances. - Plug the power plug in the outlet properly. ● A fuse in your home may be blown or the circuit breaker tripped. Or the appliance is connected to a GFCI (Ground Fault Circuit Interrupter) outlet, and the outlet's circuit breaker has tripped. - Check the main electrical box and replace the fuse or reset the circuit breaker. Do not increase fuse capacity. If the problem is a circuit overload, have it corrected by a qualified electrician. - Reset the circuit breaker on the GFCI. If the problem persists, contact an electrician
REFRIGERATOR OR FREEZER COMPARTMENT TEMPERATURE TOO WARM	● Temperature control not set on proper position. ● Appliance is placed close to wall or heat source. ● Warm weather-frequent door openings. ● Door left open for a long time. ● Large amount of foods are kept in the refrigerator.
ABNORMAL NOISE(S)	● Refrigerator is installed in a weak or uneven place, or leveling screw needs adjusting. ● Unnecessary objects placed in the back side of the refrigerator.
REFRIGERATOR HAS ODOR	● Foods with strong odors should be tightly covered or wrapped. ● Interior needs cleaning.
DEW FORMS ON THE CABINET SURFACE	● Not unusual during periods of high humidity. ● Door may have been left ajar.

Customer Care and Service

Contact an LG Electronics customer information centre.

- To find informaion on LG authorized service centre, visit our website at www.lg.com.
- Only qualified service personnel from LG authorized service centre should disassemble, repair, or modify the appliance.
- Spare parts referenced in Regulation EU 2019/2019 are available for 7 years (only door gaskets are available for 10 years).
- To purchase spare parts, contact an LG Electronics customer information centre or our website at www.lg.com.

Note:

- Regulation EU 2019/2019, valid from 1st March 2021, is related to the Energy Efficiency classes by Regulation EU 2019/2016

BEFORE CALLING FOR SERVICE

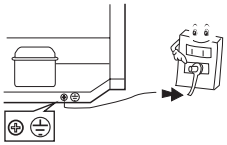
- For more information about the energy efficiency of the appliance, visit https://ec.europa.eu and search using the model name (valid from 1st March 2021).
- Scan the QR code on the energy label supplied with the appliance, which provides a web link to the information related to the performance of the appliance in the EU EPREL database. Keep the energy label for reference and all other documents supplied with the appliance (valid from 1st March 2021).
- The model name can be found on the rating label of the appliance.

DISPOSAL OF YOUR OLD APPLIANCE

1. This crossed-out wheeled bin symbol indicates that waste electrical and electronic products (WEEE) should be disposed of separately from the municipal waste stream.
2. Old electrical products can contain hazardous substances so correct disposal of your old appliance will help prevent potential negative consequences for the environment and human health. Your old appliance may contain reusable parts that could be used to repair other products, and other valuable materials that can be recycled to conserve limited resources.
3. You can take your appliance either to the shop where you purchased the product, or contact your local government waste office for details of your nearest authorised WEEE collection point. For the most up to date information for your country please see www.lg.com/global/recycling

EARTH (GROUNDING) CONSTRUCTION (OPTIONAL)

It is recommended to install the earth wire to prevent electric shock in case of electricity leakage.



How to connect the earth wire:

- Connect the earth wire's metal ring end to the earth screw on the back of the refrigerator.
- Peel off the cable sheath/insulation at the other end of the earth wire. Attach the peeled wire to a metal screw/nail and then drive it through the wall or ground.

Do not connect the earth wire to the following locations.

- **Gas pipe**
  It could produce sparks which lead to fire and explosion.
- **Telephone earth wire and lightning rod**
  It is dangerous during lightning.
- **Water pipe and water tap**
  The earth wire connection will not work when the middle of the water pipe is made of plastic.
  If it is connected to a metal water pipe, it could cause someone to be electrocuted.

When installing the product in a humid or wet location, you must install the earth wire.

Ex)
- Unfloored or dirt floored room (Room with dirt and no floor), concrete floor
- Location where it can get wet such as near the sink
- Location where water can leak or is humid such as basement
- Other wet or humid location

Especially, for locations where it always get wet such as near the restaurant sink, you are obligated by the law to install a circuit breaker in addition to the earth wire.

After consulting with your retailer or electric construction company, you must do the earth wire construction (Type 3 earth construction). Please note that earth construction could incur extra fees.

SMART DIAGNOSIS (Only for applied models)

This feature is only available on models with the or logo.
Use this feature to help you diagnose and solve problems with your appliance.

NOTE

- For reasons not attributable to LGE's negligence, the service may not operate due to external factors such as, but not limited to, Wi-Fi unavailability, Wi-Fi disconnection, local app store policy, or app unavailability.
- The feature may be subject to change without prior notice and may have a different form depending on where you are located.

Installing the LG ThinQ Application

Search for the **LG ThinQ** application from the Google Play Store or Apple App Store on a smart phone.

- Follow instructions to download and install the application.
- Run the **LG ThinQ** application and follow the instructions in the application to register the appliance.

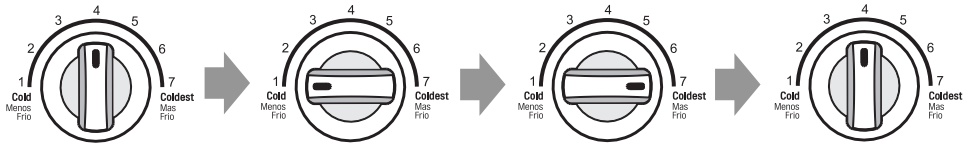
Using Audible Diagnosis to Diagnose Issues

Follow the instructions below to use the audible diagnosis method.

- Launch the **LG ThinQ** application and select the Smart Diagnosis feature in the menu.
  Follow the instructions for audible diagnosis provided in the **LG ThinQ** application.

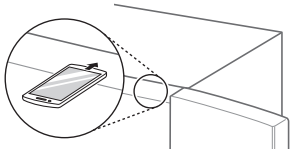
1. Open all the doors of the refrigerator.

- Smart Diagnosis can be input even Test Mode and Error status.



Middle Notch (Mid) | Warm Notch (Min) | Cold Notch (Max) | Middle Notch (Mid)

2. Turn knob to Middle notch.
3. Turn knob to Warm notch and keep that status for 2sec.
4. Turn knob to Cold notch within 3sec and keep that status for 2sec.
5. Turn knob to Middle notch within 3sec and keep that status for 2sec.
6. Place the phone near the speaker hole.



Do not take away the phone while data is being transmitted.
During the data transmission for smart diagnosis, hold the phone near the speaker hole and avoid any background noises.

7. When Smart Diagnosis is input, buzzer let you know by ringing 4times.
8. After inputting Smart Diagnosis, Smart Diagnosis buzzer will ring.
9. After the data transfer is complete, the diagnosis will be displayed in the application.

NOTE

- For best results, do not move the phone while the tones are being transmitted.