



ENGLISH

Owner's Manual

REFRIGERATOR

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



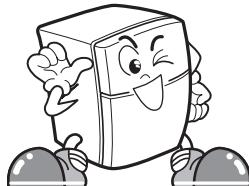
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IMPORTANT SAFETY INFORMATION

⚠ 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.



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 1 m² in size for every 8g of R600a refrigerant inside the appliance. The amount of refrigerant in your particular appliance is shown on the identification plate inside the appliance. Never start up an appliance showing any signs of damage. If in doubt, consult your dealer.

IMPORTANT SAFETY 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 hazard that can 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 will be hurt 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**

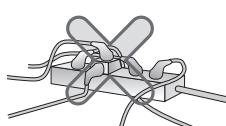
To reduce the risk of fire, electric shock, or injury to persons when using your product, basic safety precautions should be followed, including the following.

Read all instructions before using this appliance.

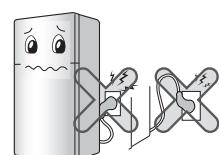
1. When connecting the power

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.



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



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 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.



IMPORTANT SAFETY INFORMATION

1. When connecting the power

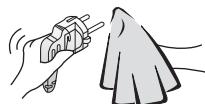
Unplug the power plug when cleaning or handling the refrigerator.

- It may cause electric shock or injury.



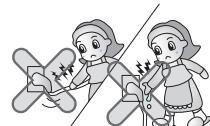
Remove water or dust from the power plug and insert it with the ends of the pins securely connected.

Dust, water or unstable connection may fire or electric shock.



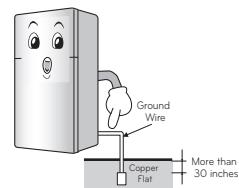
Do not pull out the cord or touch the power plug with wet hands.

- It may cause electric shock or injury.



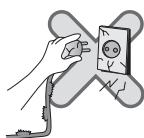
Make sure of grounding.

The incorrect grounding may cause breakdown and electric shock.



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 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 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.



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 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.



IMPORTANT SAFETY INFORMATION

2. When using the refrigerator

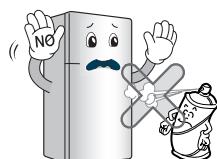
Do not place the lit candle within the refrigerator to deodorize.

It may cause explosion or fire.



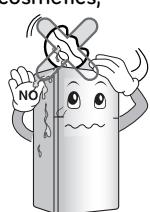
Do not use the combustible spray near the refrigerator.

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.



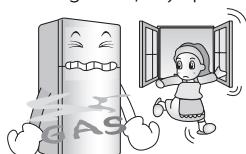
Do not spray water at the outside or the inside of the refrigerator or do not clean it with benzene or thinner.

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



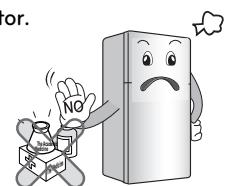
When gas is leaked, do not touch the refrigerator or the air outlet and ventilate the room immediately.

- The explosion by spark may cause fire or burn.
- Because this refrigerator uses natural gas as the environment-friendly refrigerant, even as small amount 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.



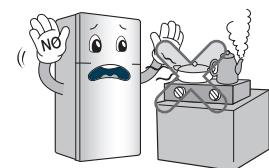
Do not store the medicine or the academic materials at the refrigerator.

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.



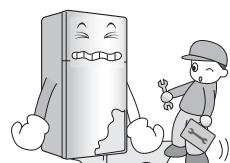
Avoid the heating devices.

It may cause fire.



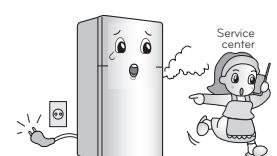
Do not use the submerged refrigerator directly, kindly checked by the technician.

It 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.



Always prevent children from entering the product.

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

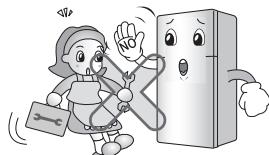


IMPORTANT SAFETY INFORMATION

2. When using the refrigerator

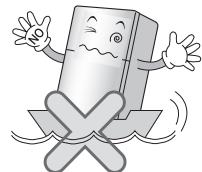
Do not allow any person except the qualified engineer to disassemble, repair or alter the refrigerator.

It may cause injury, electric shock or 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.



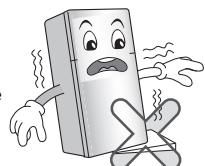
When disposing the refrigerator, remove the packing materials from the door.

It may cause to lock out the child.



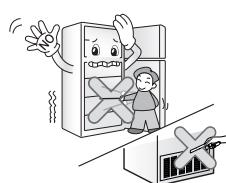
Install the refrigerator on the solid and level floor.

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



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.



⚠ CAUTION

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

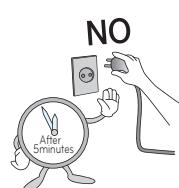
Do not touch food or containers at the freezer with wet hands.

It may cause frostbite



Wait for 5 minutes or longer when reconnecting the plug.

It may cause the operation of the freezer to fail.



IMPORTANT SAFETY INFORMATION

⚠ CAUTION

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

Do not put bottle in the freezer.

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



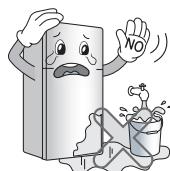
Pull out the power plug not by grasping the cord but the plug of its end.

It may cause electric shock or short circuit to fire.



Do not 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.



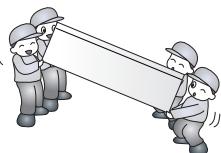
Do not insert the hands into the bottom of the refrigerator.

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.



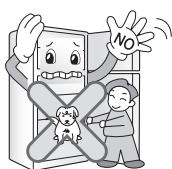
Because opening or closing the door of the refrigerator may cause injury to the person around it, be careful, please.

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.

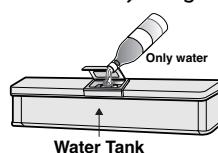


Do not put any living animal in the refrigerator.

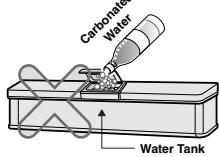
It may cause the animal died.



Use only water. If any other liquid is used, the operation of the system may be deteriorated. If a problem occurs by using any liquid other than water, the manufacturer will not be responsible.

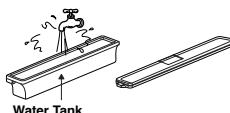


Do not use the carbonated water. The gas pressure may cause leakage.



Fill with potable water only.

Clean the water tank according to the instruction before using the water tank.



THIS REFRIGERATOR IS MANUFACTURED WITH GREAT CARE AND UTILIZES THE LATEST IN TECHNOLOGY.

WE ARE CONFIDENT THAT YOU WILL BE FULLY SATISFIED WITH ITS PERFORMANCE AND RELIABILITY.

BEFORE USING 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 (If stand base is not used).

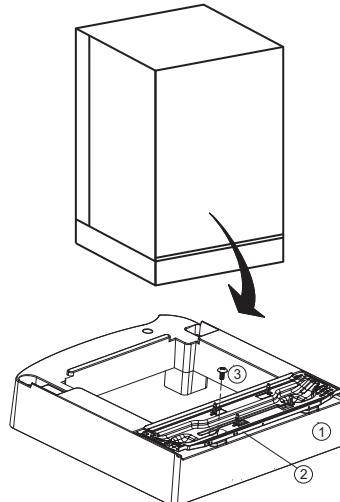
5. Don't install this appliance below 5°C. It may cause the debasement of the refrigerator.

6. When use stand base (**optional**) put refrigerator on smooth/ flat floor.

It is requiring smooth/flat floor to get good product standing.

After install stand base (1) with refrigerator, install screws (3) into compressor base (2) and make it break through stand base body (1) to get a good stability.

※ For stand base model (**optional**)

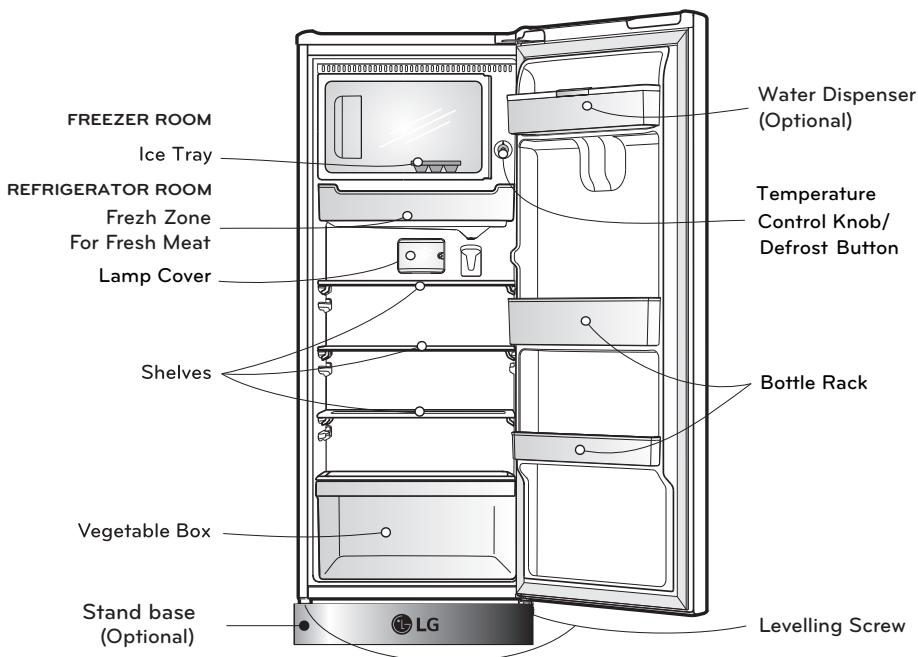


1. Stand base
2. Compressor base
3. Screws (available in owner manual assembly)

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.

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 manufacturer is the most efficient usage for energy saving.
- When use stand base put refrigerator on smooth/flat floor.
It is requiring smooth/flat floor to get good product standing.

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.
- 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 refrigerator could spoil other food, and lead to higher electric bills.
- Do not open the door frequently. Opening the door lets warm air enter the refrigerator, and cause temperature to rise.

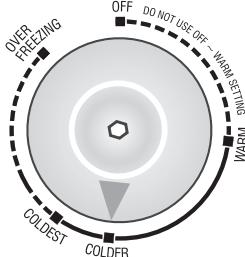
OPERATIONS

STARTING

Please turn at position COLDER for first operation. Let your refrigerator running unload within 2-3 hours to stabilize the operation temperature.

If it is interrupted, please restart again after a pause for 5 minutes.

TEMPERATURE CONTROL



Temperature Control

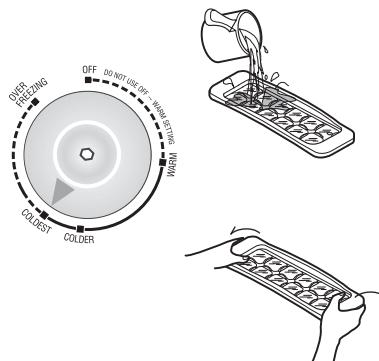
- The default setting of the temperature control knob for the refrigerator compartment is "COLDER".
- For colder temperatures, adjust the control knob to "COLDEST", and for warmer temperatures, adjust the control knob to "WARM" position.

ICE MAKING

- To make ice cubes, fill the ice cube tray with water to slightly below the rim and place it in the freezer.
- Set temperature control on **COLDEST** position, and return to **COLDER** position after finish to save energy.
- To remove ice cubes, hold the tray at its end and twist gently.

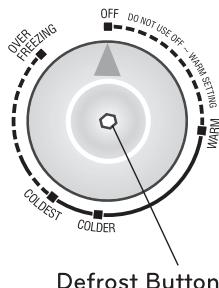


- To remove ice cubes easily, run water on the tray before twisting.



DEFROSTING

- It is necessary to regularly defrost your refrigerator in order to ensure efficient operation. The frost on the surface of evaporator should not exceed 6 mm before defrosting.
- To defrost, press the **defrost button (blue button)**.
- Remove food from the evaporator before you start defrosting operation.
- When defrosting complete, defrosting button will return to normal position automatically. Remove the drip tray, empty water, dry and put it back to its normal position.



OPERATIONS

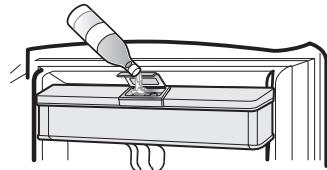
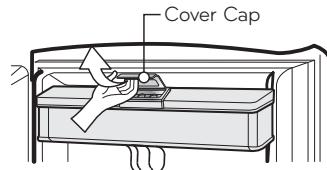
WATER DISPENSER (OPTIONAL)

NOTE

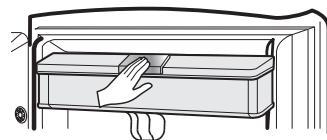
- Put water after the water tank being in position. Necessarily separate the water tank to clean it or not use it.
- When the water tank is not position after filling it with water, water can leak out by the valve pushed.

• Putting water in the water tank

1. Open the cover cap and pour water into the water tank.



2. Close the cover cap.



Caution

Do not use anything other than water including.
Hot water needs to be cooled before being put
in the water tank.

• Drinking

1. Press the dispenser pad with cup.
2. The water is released when the dispenser pad is pressed. The pad returns to its original position when the cup is removed and the water stops its flow.



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 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.

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 nutrition.
- When storing frozen food like ice cream for a long period, place it on the freezer shelf, not in the door rack.

REFRIGERATOR COMPARTMENT

- Avoid placing moist food on deep interior refrigerator shelves, it could freeze upon direct contact with chilled air. To avoid this it is better to store food in the covered container.
- 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, and always store them in a up-right position, which keeps them fresh longer.

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.

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 durable finish 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.

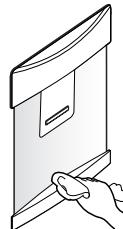
- Caution for Cleaning Not in use : Surface active agent, Car wax, Anticorrosive, All sorts of oil, Gasoline, Acids, Wax.
- Usable Detergent Vegetable dish washable solution, Soapy water.
- When careless using, it can occur a color change.

CLEANING

WATER DISPENSER (OPTIONAL)

Grille -

Wipe with a wet cloth, and dry with a dry cloth.



Water Tank -

1. Putting the Water

Is not necessary to remove the water tank in order to supply it (it could be filled like shows fig. 1 pulling the tank gate).

NOTE

- Before closing door, close the cap and clamp tightly.
- Do not use liquids containing sugar or carbonated drinks like soda

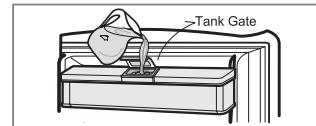


fig. 1

2. Disassembly

Lift the water tank, gripping a side and bottom of water tank.

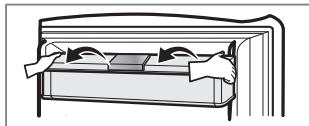


fig. 2

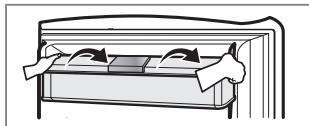


fig. 3

3. Assembly

If by some cause removes the water tank, place again the water tank on its original position. Verify that the valve assembly correctly in the hole of the door (fig. 3,4). Once assembled push down and check the tank position with line.

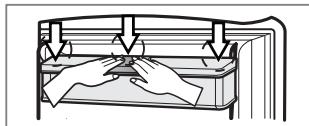
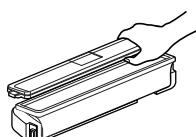


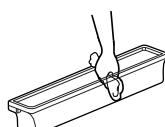
fig. 4

Water Tank -

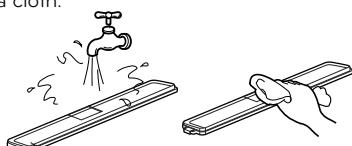
1. Remove the tank cover.



2. Clean the inside and outside of the water tank with dishwashing detergent and rinse thoroughly under running water. Dry the water with a cloth.



3. Clean the inside and outside of the cap with dishwashing detergent and rinse thoroughly under running water. Dry the water with a cloth.



Caution

1. Use lukewarm water when cleaning.
2. Do not use anything other than water. If it is used with soft drinks, put water in the water tank and discharge three or four cups of water shortly.

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

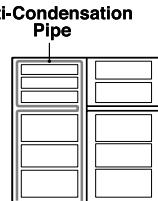
Most power failures are corrected in an hour or two and will not affect your refrigerator temperatures. However, you should minimize the number of door openings while the power is off. During power failures of longer duration, place a block of dry ice on top of your frozen packages.

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.

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.



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.

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

Use this appliance on a dedicated circuit; that is, an outlet that is the only outlet on the circuit. Overloading a circuit causes low voltage, malfunction, possible damage to the equipment, and poor cooling capacity.

Check your local electric code or consult a qualified electrician if you have questions.

ACCESSIBILITY SUPPLY PLUG

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

SUPPLY CORD REPLACEMENT

If the supply cord is damaged, it must be replaced by the manufacturer or replacement or a similarly qualified person in order to avoid a hazard.

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.

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

WARNING

This appliance is not intended for use by person (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.

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.

ABOUT GROUNDING (EARTHING)

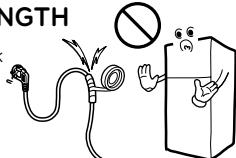
In the event of an electric short circuit, grounding (earthing) reduces the risk of electric shock by providing an escape wire for the electric current.

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.



This appliance must be grounded (earthed).

DON'T WAIT! DO IT NOW!

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

BEFORE CALLING FOR SERVICE

SERVICE CALLS CAN OFTEN BE AVOIDED!

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

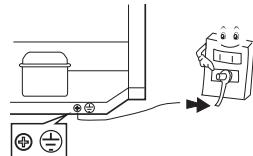
PROBLEM	POSSIBLE CAUSES
REFRIGERATOR DOES NOT OPERATE	<ul style="list-style-type: none">• Has a house fuse blown or circuit breaker tripped?• Has the power cord plug been removed or loosened from the electrical wall outlet?
REFRIGERATOR OR FREEZER COMPARTMENT TEMPERATURE TOO WARM	<ul style="list-style-type: none">• 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)	<ul style="list-style-type: none">• 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	<ul style="list-style-type: none">• Foods with strong odors should be tightly covered or wrapped.• Interior needs cleaning.
DEW FORMS ON THE CABINET SURFACE	<ul style="list-style-type: none">• Not unusual during periods of high humidity.• Door may have been left ajar.

EARTH/GROUNDING CONSTRUCTION (OPTIONAL)

It is recommended to install the earth 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.

