





FRIDGE-FREEZER

User's Guide

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

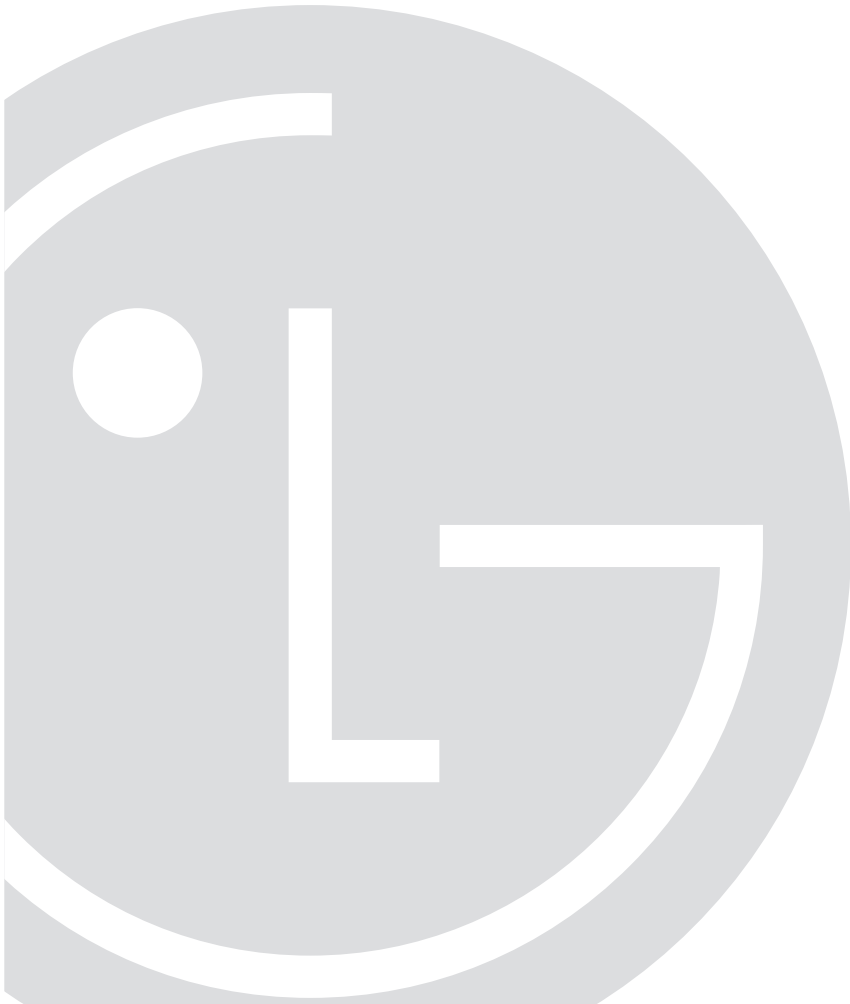


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Introduction

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 Important safety instructions must be followed carefully. If not, this can result in serious injury or death.

▲ WARNING Important safety instructions must be followed carefully. If not, this can result in serious injury or death.

▲ CAUTION Indicates an imminent hazard, which if not avoided can result in personal injury or damage to the product.

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

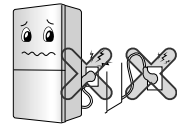
A dedicated outlet should be used.

- Using several devices at one outlet may cause fire.
- If ELCB (Earth leakage circuit breaker) is tripped, food inside fridge will spoil and ice will melt and drip out of the ice dispenser shute.



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

Water may flow into the socket and cause fire and electric shock.



Do not allow the power cord to be bent or crushed by the refrigerator or any other heavy object.

This can damage the power cord and cause fire and electric shock.



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

This can cause electric shock or fire due to non electrical compliance.



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

- Failing to do this may cause electric shock or injury.
- When replacing the interior lamp of the fridge-freezer, make sure that any rubber is not removed from the socket, and that the socket is not altered in any way.



Important Safety Instruction

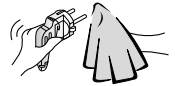
Do not pull out the cord or touch the power plug with wet hands.

- It may cause electric shock or injury.



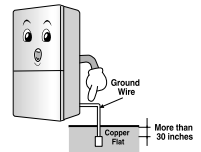
Remove water or dust from the power plug and insert it with the ends of the pins securely connected.

Dust, water or an unsecure connection to the power outlet may cause fire or electric shock.



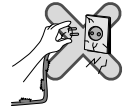
Ensure that a proper earthed power outlet is used.

A poorly earthed connection or power outlet may cause malfunction and electric shock.



Do not operate the refrigerator if the plug or lead is damaged, or the plug is loose in the power outlet.

This may cause electric shock or a short circuit and may cause fire.



2. When using the fridge-freezer

Do not place any heavy or dangerous objects (including contained fluids, vases or cups) on top of the refrigerator.

Objects can fall or spill and cause injury, fire or electric shock if they come into contact with the power cord.



Do not allow any persons to climb, swing or rest on the doors, or door shelves, or any other part of the refrigerator.

It can cause the unit to fall or tip over and cause serious injury.



Important Safety Instruction

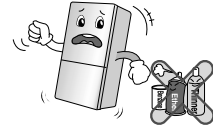
Do not install the fridge-freezer in outdoors, or in a wet place, or where water or rain can splash onto the unit.

Water penetration and deterioration to insulation of electric parts may cause electric shock or fire.



Do not store inflammable materials such as solvents, ether, benzene, alcohol, medicine, LP Gas, aerosol cans, and cosmetics near or in the refrigerator.

They can cause an explosion or fire.

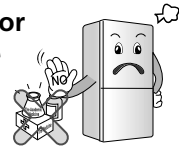


Do not place a lit candle or naked flame within the refrigerator at any time.

It may cause explosion or fire.

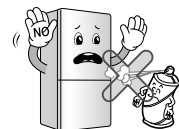


Do not store any medicine in the refrigerator UNLESS specified by the medicine instructions. Do not store scientific materials, chemicals or solutions inside the refrigerator. This refrigerator is intended for domestic food storage applications.



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

It may cause fire.



Important Safety Instruction

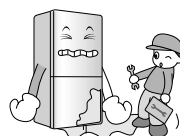
Avoid placing the refrigerator near any heating devices.

It may cause fire.



If fridge has been submerged in water , do not plug in or turn it on. This may cause electric shock or fire.

It should be checked by a qualified person before plugging it in.



Do not spray water on the inside or outside fridge surface, and DO NOT clean the refrigerator with benzene, thinners or other hazardous chemicals.

Doing so can cause corrosion, odour contamination, fire and electric shock.



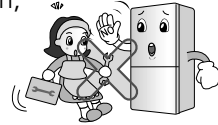
Important Safety Instruction

When any strange smell or smoke is detected from the fridge-freezer, disconnect the power plug immediately and contact an LG Authorised Service Centre.

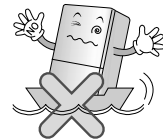


Do not allow any person except qualified technicians to repair, disassemble, or alter the refrigerator.

Not doing so could cause a malfunction, fire and possible electric shock.



Do not use the fridge-freezer for non-domestic purposes (storage of medicines or testing materials etc.). It must be used for domestic food storage applications only. Doing so may cause a fire, electric shock and other unexpected hazards.



When disposing the fridge-freezer, remove the doors and power cord to prevent potential serious injury and safety hazards to children and others.



Install the fridge-freezer on a solid and level floor.

Installing it in an unstable place may cause it to fall resulting in serious injury and damage to the refrigerator. The refrigerator's stability can be checked by opening and closing the door.



Important Safety Instruction

Do not put hands or other objects into the rear service panel for any reason.

Doing so can cause serious injury, malfunction, fire and electric shock.



When you want to dispose the fridge-freezer, contact your local council. They may be able to assist you with the disposal.



⚠ CAUTION

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

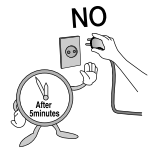
Do not touch food or containers in the freezer with wet hands.

It may cause frostbite.



If the refrigerator requires disconnection from the mains for any reason, please wait 5 minutes before reconnecting to avoid any direct malfunction.

After reconnecting, the compressor will then operate after a further 3 minutes.



Do not put bottles or cans in the freezer.

The contents may freeze causing them to shatter or split.



Do not remove the power plug from the power outlet by pulling it from the cord. It could cause damage to the cord, electrical short circuit, and electric shock.



Important Safety Instruction

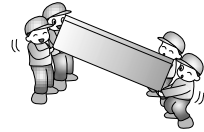
Do not insert the hands into the bottom of the fridge-freezer.

The iron plate at the bottom may cause injury.



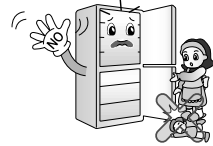
Carry the fridge-freezer with the handle bar at the bottom of the front and from the top at the rear.

Otherwise, your hands could slip and be injured.

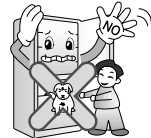


Because opening or closing the door of the fridge-freezer may cause injury to the person around it, be careful, please.

Opening or closing the door may cause feet or hands to be caught in the door hinges, or child to be hurt by the door edge.



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



Important Safety Instruction

▲ WARNING

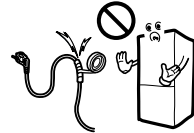
Precaution

- This fridge-freezer must be properly installed and located in accordance with the Installation Instruction before it is used.
- Never unplug your fridge-freezer by pulling on the power cord. Always grip plug firmly and pull straight out from the outlet.
- When moving your appliance away from the wall, be careful not to roll over or damage the power cord.
- After your fridge-freezer is in operation, do not touch the cold surfaces in the freezer compartment, particularly when hands are damp or wet. Skin may adhere to these extremely cold surfaces.
- Pull out the power plug prior to cleaning the fridge-freezer.
Never damage, severely bend, pull out, or twist the power cord because power cord damage may cause a fire or electronic shock.
Never place glass products in the freezer because they may be broken when their inner contents are frozen.
- Do not directly spray water inside or outside the fridge/freezer.
There is a risk of explosion or fire.
- Do not insert the power plug with wet hands.
You may receive an electric shock.
- Do not put a container filled with water on top of the appliance.
If the water spills on to any electrical parts, it may lead to fire or electric shock.
- Do not install the fridge/freezer in a damp place, where it could be splashed with water.
Wet insulation, or electrical parts may cause an electric shock or fire.

Important Safety Instruction

- Do not disassemble, repair or alter the appliance. It may cause fire or abnormal operations, which may lead to injury.
- Pull the power plug out of the socket before replacing the interior light in the refrigerator. Otherwise, there is a risk of electric shock.

It may cause electric shock or fire.



Do not modify or extend the Power Cord length

Don't Use on Extension Cord

Accessibility of Supply Plug

Supply Cord Replacement

⚠ DANGER

Don't store

Grounding (Earthing)

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.

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

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

Risk of child entrapment.

Before you throw away your old refrigerator or freezer: Take off the doors.

Leave the shelves in place so that children may not easily climb inside.

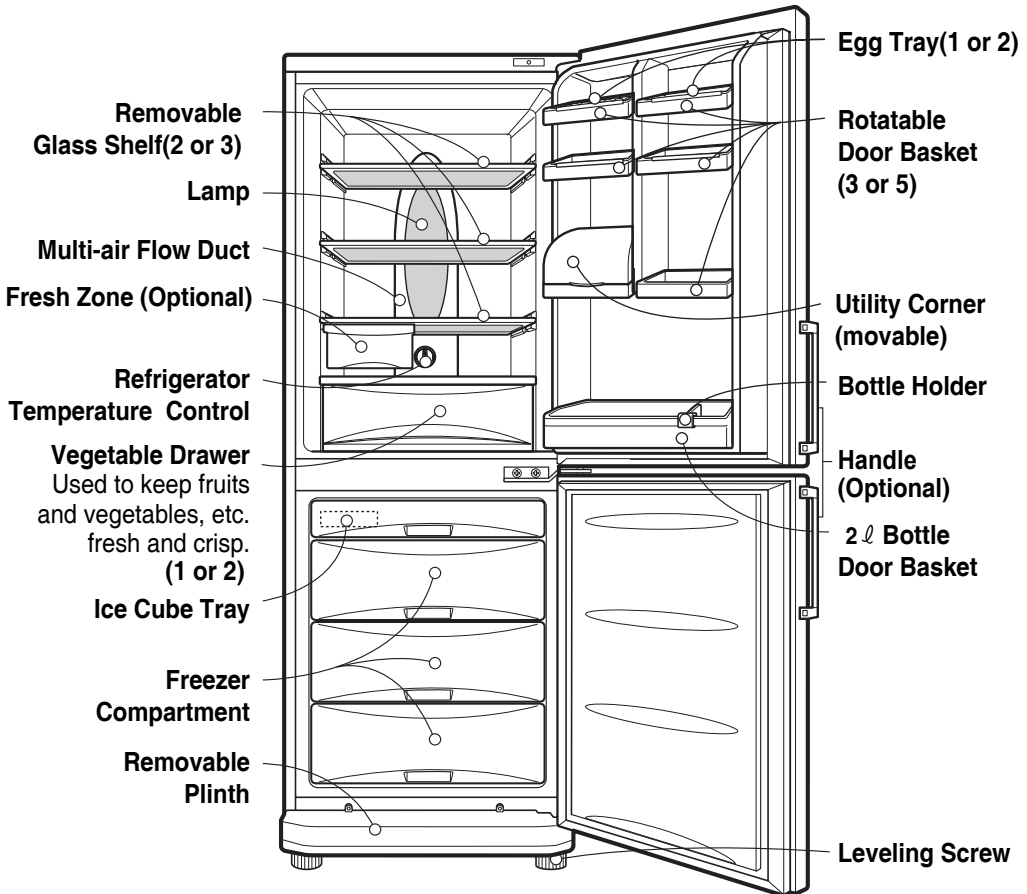
Don't store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance. In the event of an electric short circuit, grounding (earthing) reduces the risk of electric shock by providing an escape wire for the electric current. In order to prevent possible electric shock, this appliance must be grounded. Improper use of the grounding plug can result in an electric shock. Consult a qualified electrician or service person if the grounding instructions are not completely understood, or if you have doubts on whether the appliance is properly grounded.

⚠ CAUTION

Important Safety Instruction

- If the wall socket is loose, do not insert the power plug.
It may cause electric shock or fire.
- Never unplug your refrigerator by pulling on the power cord. Always grip plug firmly and pull it straight out from the outlet.
You may disconnect a wire and cause a short circuit.
- Do not use a wet or damp cloth when cleaning the plug. Remove any foreign matter from the power plug pins.
Otherwise, there is a risk of fire.
- Do not put your hands into the bottom area of the appliance.
Any Sharp edges may cause personal injury..
- After unplugging the appliance, wait for at least five minutes before plugging it again to the wall socket.
Abnormal operation of the freezer may cause material damage.
- If the appliance is not to be used for a long time, pull out the power plug.
Any deterioration in the insulation may cause fire.
- Do not let children touch or play with the control panel on the front of the appliance.
- The refrigerant used in fridge/freezer and the gases in the insulation material require special disposal procedures. Ensure that none of the pipes on the back of the appliances are damaged prior to disposal.



Identification of Parts



Note

If you find some parts missing from your unit, they may be parts only used in other models.

Installation

1. Select a good location.
Place your fridge-freezer where it is easy to use.
2. Avoid placing the unit near heat sources, direct sunlight or moisture.
3. There must be proper air circulation around your fridge-freezer to keep it operating efficiently.
4. To avoid vibration, the unit must be leveled.
If required, adjust the leveling screws to compensate for the uneven floor.
The front should be slightly higher than the rear to aid in door closing.
Leveling screws can be turned easily by tipping the cabinet slightly.
Turn the leveling screws counterclockwise() to raise the unit, clockwise() to lower it.
5. Clean your fridge-freezer thoroughly and wipe off all dust accumulated during shipping.
6. Install accessories such as ice cube box, etc., in their proper places.They are packed together to prevent possible damage during shipment.
7. Connect the power supply cord (or plug) to the outlet.
Don't double up with other appliances on the same outlet.
8. To ensure proper air circulation around the fridge - freezer, please maintain sufficient space on both the sides as well as top and maintain at least 2 inches (5 cm) from the rear wall.

Starting

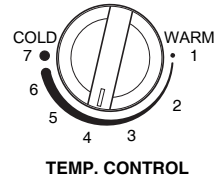
When your fridge-freezer is installed, allow it 2-3 hours to stabilize at normal operating temperature prior to filling it with fresh or frozen foods.
If power plug is disconnected, allow 5 minutes delay before restarting.
Your fridge-freezer is now ready for use.

Temperature Control

Your fridge-freezer has two controls that let you regulate the temperature in the fridge and freezer compartments.

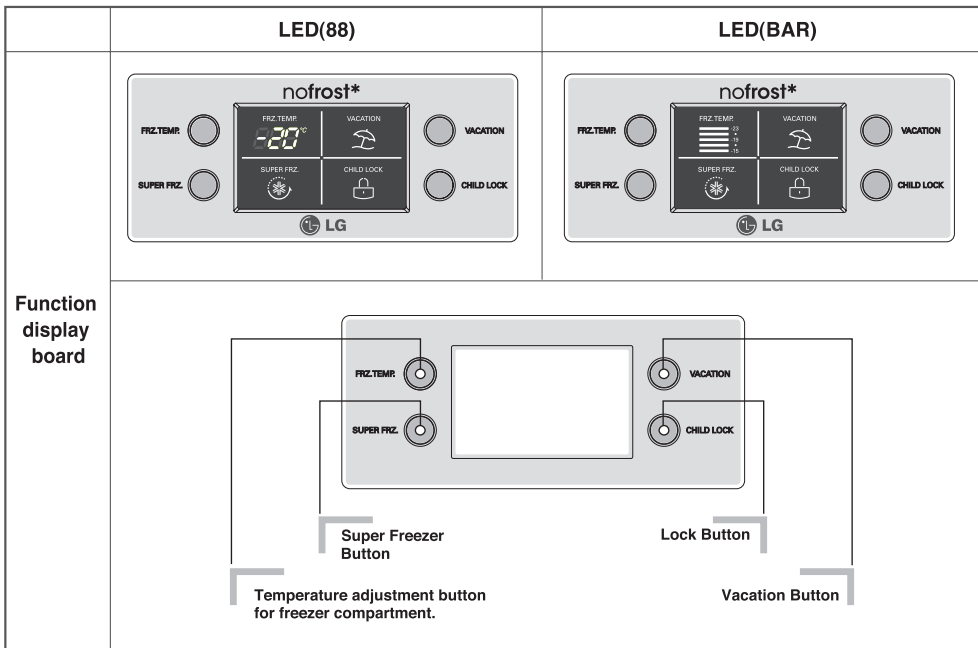
Refrigerator

- Initially set the TEMP. CONTROL at "4". Then adjust the compartment temperature according to your desire.
- If you want an inside temperature slightly less cold or colder, turn the knob towards WARM or COLD, respectively. When the surrounding temperature is low, adjust the TEMP. CONTROL 'WARM'.



Freezer

Display Panel For Temperature Control



- The initial Temperature of the Freezer Compartment is -18°C . You can now adjust the temperature of the compartment as you want.

< LED 88 Type >



< LED BAR Type >



- When you press the temperature control buttons, the temperature of Freezer compartment is repeated in the following order.

LED 88 Type Freezer Compartment :

$-18^{\circ}\text{C} \rightarrow -19^{\circ}\text{C} \rightarrow -20^{\circ}\text{C} \rightarrow -21^{\circ}\text{C} \rightarrow -22^{\circ}\text{C} \rightarrow -23^{\circ}\text{C}$
 $\rightarrow -15^{\circ}\text{C} \rightarrow -16^{\circ}\text{C} \rightarrow -17^{\circ}\text{C}$

LED BAR Type Freezer Compartment :

$-19^{\circ}\text{C} \rightarrow -21^{\circ}\text{C} \rightarrow -23^{\circ}\text{C} \rightarrow -15^{\circ}\text{C} \rightarrow -17^{\circ}\text{C}$

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.

The refrigerator may take up to a day to settle into a cooling pattern after initially installed.

Please readjust the temperature as above if necessary after using the refrigerator for 2 ~ 3 days.

Function

Super Freezer

- Please select this function for prompt freezer.
- This function is used when you want to freeze the foods quickly. Press the 'SUPER FRZ.' (Super Freezer) button once, and then the quick freeze operation starts with the lamp on.
- The Super Freeze operation takes about 3 hours. When its operation ends, it automatically returns to the previous temperature setting. If you want to stop the quick freeze operation, press the 'SUPER FRZ.' button once more, the lamp goes out, and the Super Freeze operation stops and the refrigerator returns to the previous temperature setting.



Vacation

- This function makes the fridge-freezer work in a power saving mode which is useful for when you are away on holiday, by reducing energy consumption as much as possible. Pressing 'VACATION' starts operation with lamp on and pressing it again stops the operation.



Lock

- Pressing this button stops operation of other buttons.
- "Locking" or "Un-Locking" is repeated whenever pressing the 'CHILD LOCK' button. (For "Locking" or "Un-Locking" press the 'CHILD LOCK' button for 2 secs.)
- When 'CHILD LOCK' is activated, pressing the other buttons would not work.



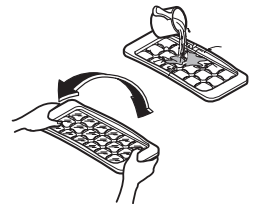
Self Test

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

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

Ice Making

- To make ice cubes, fill the ice tray to the water level and place it in the freezer.
- If ice cubes are required fast, press the 'SUPER FRZ.' button.
- To remove ice cubes, hold the tray at its ends and twist gently.



Tip

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

Defrosting

Defrosting takes place automatically.

The defrosting water flows down to the evaporating tray and is evaporated automatically.

Storing Food

Storing Food

- 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-freezer 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-freezer temperature even.
- Do not open the door frequently. Opening the door lets warm air enter the fridge-freezer, and cause temperature to rise.
- To adjust the temperature control easily, do not store food near the temperature control dial.
- Never keep too many foods in door rack, as this may stop the door from fully closing.
- Do not store bottles or cans in the freezer compartment - they may break when frozen.
- Do not refreeze food that has been thawed. This causes loss of taste and nutrition.

Note

If you keep the fridge-freezer in a hot, and humid place, frequently open its door or put a lot of vegetables in it, dew may form in it, which has no effect on its performance.

Remove the dew with a dust free cloth.

General Information

Power Failure

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

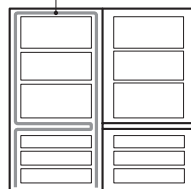
If You Move

- Take out foods from the fridge-freezer and firmly fix the loose items with tape.
- Turn the leveling screws until they stop before moving the fridge-freezer. Otherwise the screw may scratch the floor or the fridge-freezer cannot move.

Anti Condensation Pipe

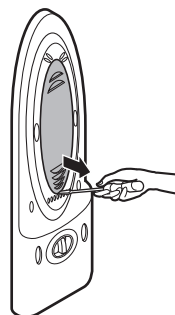
- The Anti-Condensation pipe is installed around the front side of fridge-freezer as well as on the partition between fridge compartment and freezer compartment to prevent dew, or sweating.
- Especially after installation or when ambient temperature is high, the fridge-freezer may feel hot, which is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

Anti-Condensation Pipe



Lamp Replacement

1. Unplug the power cord from the outlet.
2. Remove fridge shelves.
3. To remove the lamp cover, insert ⊖ type driver in the underside of the lamp cover and pull it out forwards.
4. Turn the lamp counterclockwise.
5. Assemble in reverse order of disassembly.



Replacement lamp must be the same specification as original.

Cleaning

Before Cleaning

Be sure to unplug the power.

Exterior

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

Interior

As above.

After Cleaning

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

WARNING

Be sure to dry the appliance with a cloth after washing it with water.

Do not use abrasive, petroleum, benzene, thinner, hydrochloride acid, boiling water, rough brush, etc, as they may damage parts of the fridge-freezer.

Trouble Shooting

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

Fridge-Freezer does not operate

Possible Causes

- Power plug may be unplugged from the electric outlet.
Plug it in securely.
- House fuse has blown or circuit breaker has tripped.
Check and/or replace fuse and reset circuit breaker.
- Power cut.
Check house lights.

Fridge or Freezer 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 freezer compartment.

Vibration or Rattling or Abnormal Noise

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

Frost or Ice Crystals on frozen Food

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

Moisture forms on Cabinet Surface

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

Problem	Possible Causes
Moisture collects inside	<ul style="list-style-type: none">• Too frequent or too long door openings.• 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 keep door from closing.• Fridge-freezer is not level. Adjust the leveling screws.• The floor on which the fridge-freezer is installed may be uneven or the fridge-freezer may be unstable. Slightly raise the front side with the leveling screw.
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

To Reverse the Doors

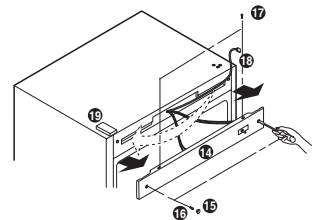
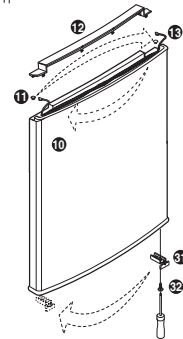
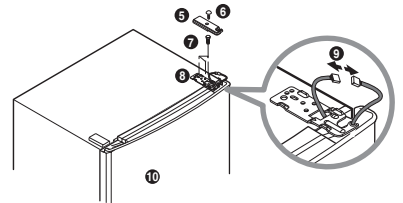
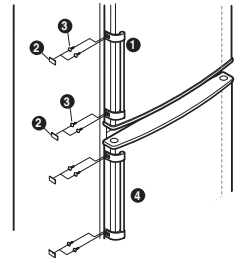
Your fridge-freezer is designed with reversible doors, so that they may open from either the left or right hand side to suit your kitchen design.

Precaution

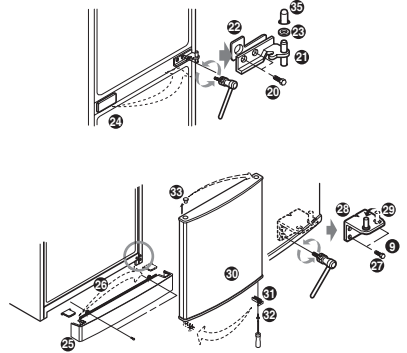
1. Before reversing the door, first of all, you should take out food and accessories like shelves or trays which are not fixed in the fridge-freezer.
2. Use Torque Wrench or Spanner to fix or remove the bolt.
3. Do not lay the fridge-freezer down. This will cause problems.
4. Be careful not to drop the doors in disassembling or assembling.

How to Reverse the Door

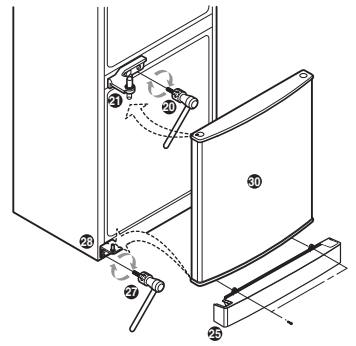
1. To separate the door handle **1** of the left side, separate the door cap **2** and unscrew the screw **3** in counterclockwise direction. Separate the door handle **4** of the freezer in the same order. (You do not need to follow the above procedure for the hidden handle.)
2. After unscrewing the screw **6** of the right hinge cover **5** on the top, separate the right hinge cover **5** to separate the connecting cable **9**. Separate the bolt **7** fixating the upper right hinge **8**, and carefully separate the refrigerator door **10**.
3. After separating the upper left cap **11** of the separated refrigerator door **10**, carefully take off the top cap **12** and pull the cable **13** to connect to the hole on the left side. Set the separated top cap **12** at the regular position and set the cap **11** on the cable hole on the right side. Loosen the screw **31** under the cold room door **10**, move it to the left of the stopper **31**, and then connect it.
4. Press and separate the cap **15** connected to the cover front **14** using the (+) driver, and unscrew the screws **16** **17** to move the cable **13** to the left to set it. After setting the separated cover front **14** on the regular position, screw the screws **16** **17** and cover them with the cap **15** included with the owner's manual.



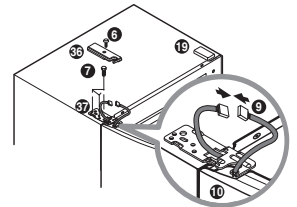
5. Loosen the bolt 20 of the Hinge Middle 21, remove the Hinge Middle 21, and lift up the freezer door 30 to separate it. (When separating the refrigerator door, separate the bush 35 together.) Separate the hinge cover 24 and set it on the separated part of middle hinge 21. After unscrewing the screw connected to the bottom cover 25 connect the cover cap 26 on the right side. Loosen the pin 29 in counterclockwise direction and move to the hole on the left side to tighten in clockwise direction. Loosen the bolt 27 connected to the lower hinge 28. Unscrew the screw 32 fixating the door stopper 31 at the bottom of the freezer door 30, and fixate it on the hole on the left side with the door stopper 31. And then, move the upper cap 33 to the right and cover it.



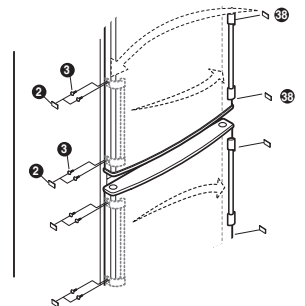
6. Set the separate lower hinge 23 on the bottom hole of the left side of the freezer, and tighten the bolt 27. After fixating the bottom cover 25 at the regular position, align the freezer door 30 on the pin of lower hinge 23 to attach it properly. Turn over the separated middle hinge 21 and sheet hinge 22 to assemble them. And set the bush 35 and washer 23 together to tighten the bolt 20. (When tightening the bolt, be careful not to cause an scratch on the cap decor on top of the freezer door).



7. After assembling the door by aligning the hinge hole on the bottom of the refrigerator door 10 and the pin of the middle hinge 21, connect properly to the hold of the upper left hinge 37 included in the owner's manual. After connecting the cable 9, tighten the bolt 7 to screw the screws 6 to the left hinge cover 36 included in the owner's manual. Move the hinge cover 19 attached on the left side to the right and attach it.



8. Move the separated door handle 1 to the right and fixate the screw 3 on the right position to attach the door cap 2. Move the door cap 38 on the right side to the left and attach it. Attach the freezer door handle 2 in the same method as the refrigerator door handle 1.



Note

Reversing the doors is not covered by the warranty.