

OWNER'S MANUAL SXS REFRIGERATOR

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



MFL69124632

www.lg.com

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Entry

The model and serial numbers are found on the inner case on the back or one side of the refrigerator compartment of this unit. These numbers are unique to this unit and are 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. : _____

 WARNING

Important safety instructions

- Before it is used, this refrigerator must be properly installed and located in accordance with the installation instructions in this document. This Refrigerator is intended for Domestic indoor use only.
- Never unplug your refrigerator by pulling on the power cord. Always grip plug firmly and pull it straight out from the outlet.
- When moving your appliance away from the wall, be careful not to roll over the power cord or to damage it in any way.
- After your refrigerator is in operation, do not touch the cold surfaces in the freezer compartment, particularly when your hands are damp or wet. Skin could adhere to these extremely cold surfaces.
- Unplug the power cord from the power outlet for cleaning or other maintenance. Never touch the appliance with wet hands as you may receive an electric shock or injure yourself.
- Never damage, press, severely bend, pull or twist the power cord as damage to the cord may cause a fire or electric shock. Naver touch the cord if you are uncertain if the appliance is correctly earthed.
- The fuse on the refrigerator must be changed by a qualified technician or service company.
- Failing to do so may result in electric shock or personal injury.
- Never place glass items in the freezer as they may break due to expansion of their contents on freezing.
- Never put your hands into the storage bin of the automatic ice maker as you could be injured during its operation.
- The appliance is not intended for use by young children or infirm persons without supervision.
- Young children should be supervised to ensure that they do not play with the appliance.
- Never allow anyone to climb, sit, stand or hang on the refreshment centre door. These actions may damage the refrigerator and even tip it over, causing severe personal injury.

**Accessibility of
Supply Plug**

It is advised that this appliance should be connected through an independent power socket to prevent it and other appliances from overloading the circuit and causing a power outage.

The appliance should be positioned so that the supply plug is easily accessible for quick disconnection should an accident occur.

**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.

⚠ WARNING

Do not modify or extend the Power Cord length. It may cause electric shock or fire.

Connect the power plug in proper position with the cord hanging down.

- If you connect the power plug upside down, wire can get cut off and cause fire or electric shock.

Make sure that the power plug is not squashed or damaged by the back of the refrigerator.

Don't use an extension cord.

⚠ WARNING

If LED lamp is damaged, it should be replaced by the service center in stead of on your own.

Child entrapment**⚠ WARNING**

DANGER: Risk of child entrapment.

Before you dispose of your old refrigerator please remove doors but leave the shelves in place so that children cannot climb inside.

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.

Don't store**⚠ WARNING**

Do not store or use gasoline or other flammable vapour and liquids in the vicinity of this or any other appliance.

**Grounding
(Earthing)****⚠ WARNING**

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 earthed. Improper connection of the earthing plug can cause electric shock. Consult a qualified electrician or service engineer if the earthing instructions are not completely understood, or if you have doubts as to whether the appliance is properly earthed.

Do not move refrigerator while the refrigerator is operating.

Compressor may occur a temporary rattling noise.

(This is normal and will not impact on the performance or the life of the compressor.

The rattling will stop after the refrigerator comes to a rest.)

WARNING

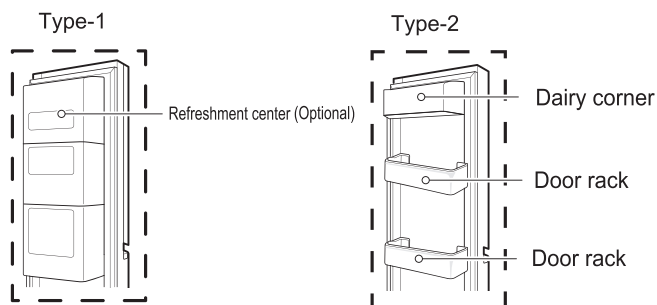
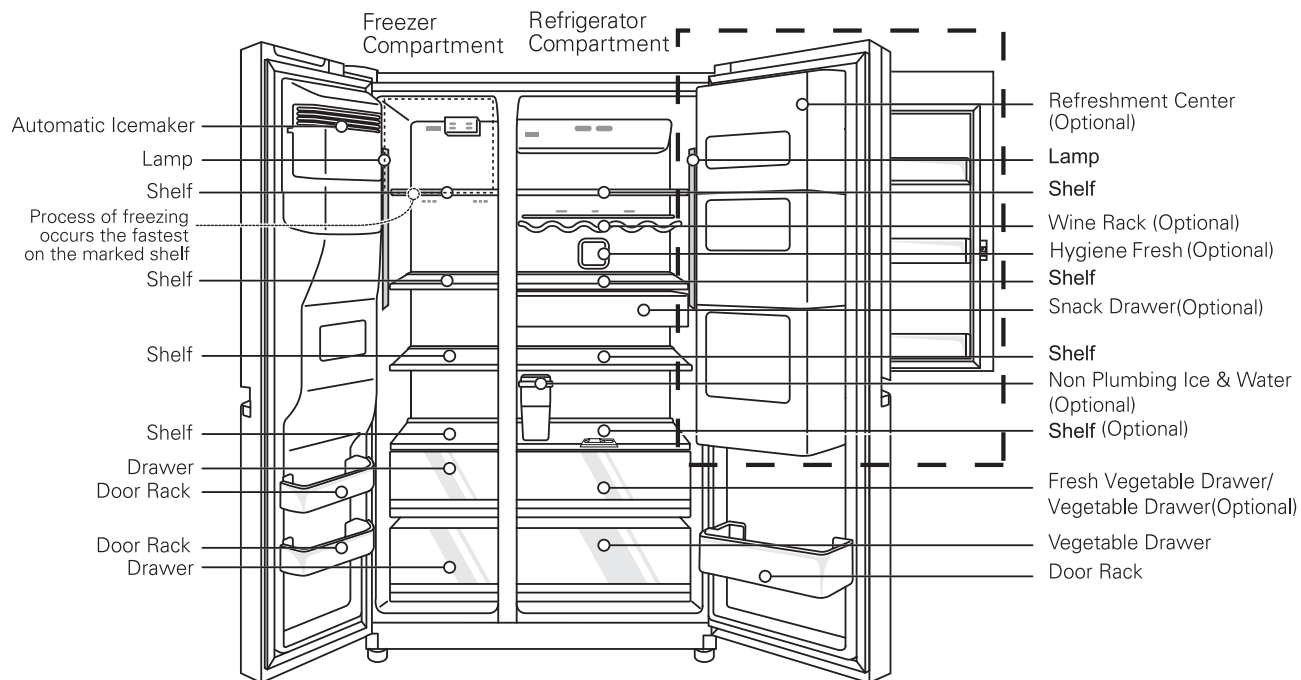
- Keep ventilation openings in the room where the appliance is installed clear of obstruction.
- Do not use mechanical devices or other means to accelerate the defrosting process, other than those recommended by the manufacturer.
- Do not damage the refrigerant circuit.
- Do not use electrical appliances inside the food storage compartments of the appliance, unless they are of the type recommended by the manufacturer.
- Disposal procedures. If disposing of this appliance, please consult with a service agent or a similarly qualified person for more details.
- Do not store explosive substances such as aerosol cans with a flammable propellant in this appliance.
- Do not use aerosols near the refrigerator.
 - Aerosols used near the refrigerator may cause an explosion or fire.



This appliance may contain (Check the rating/compliance label for the refrigerant type and amount. Applicable to some models only) 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 1m² 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.

Identification of parts



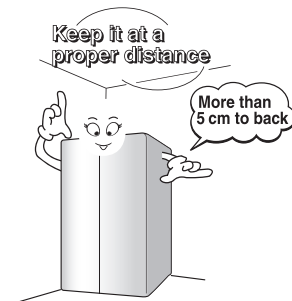
NOTE

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

Select a good location

Where to Install

1. Place your appliance where it is easy to use.
2. Avoid placing the unit near heat sources, direct sunlight or moisture. Do not operate the appliance outdoors where it can be exposed directly, or indirectly to sun, wind and rain.
3. To ensure proper air circulation around the fridge-freezer, please maintain sufficient space on both the sides as well as top and maintain at least 2 inches (5 cm) from the rear wall.
4. To avoid vibrations, the appliance must be levelled.
5. Do not install the appliance in temperatures of less than 5°C as the performance may be affected.



Appliance usage range

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.

Before Installation

WARNING

The appliance must be positioned so that the plug is accessible after installation.

Never use gas pipes, telephone lines or other potential lightning rods as ground.

- Improper use of the ground plug can result in electric shock.

If the appliance generates a strange noise, a burning or smell or smoke, unplug the power plug immediately and contact your nearest service center.

If any dust or water is in refrigerator, pull out power plug and contact your LG Electronics service center.

- There is a risk of fire.

The water supply to this refrigerator must only be installed/connected by a suitably qualified person and connect to a potable water supply only.

Use only the ice maker provided with the refrigerator.

When installing, servicing or cleaning behind the refrigerator, be sure to pull the unit straight out and push back in straight after finishing.

After unpacking, keep the packing materials out of reach of children.

- There is a risk of death from suffocation if children put them over their head.

Disposal of the old appliance

This appliance contains fluid (refrigerant, lubricant) and is made of parts and materials which are reusable and/or recyclable.

When disposing the fridge-freezer, remove the packing materials from the door. It may cause to lock out the child.

All the packaging materials should be sent to the collection centre for recycling. For details of your local recycling centre, please contact your local council.

Ensure that none of the pipes on the back of the appliance are damaged prior to disposal.

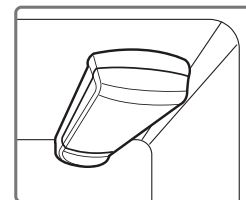
How to disassemble the filter

How to exchange

How to exchange the water purifier filter (Only applies to internal type filter model)

It is recommended that you replace the water filter:

- Approximately every six months.
- When the water filter indicator turns on.
- When the water dispenser output decreases.
- When the ice cubes are smaller than normal.



1 Remove the old water filter.

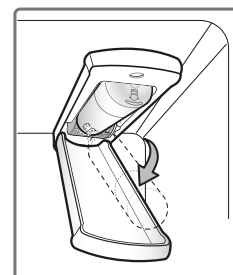
Lower or remove the top left shelf to allow the water filter to rotate all the way down.



Pinch the sides to open the water filter cover.

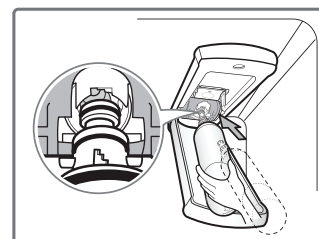
NOTE: Replacing the water filter causes a small amount of water (around 1 oz. or 25 cc) to drain. Place a cup under the front end of the water filter cover to collect any leaking water. Hold the water filter upright, once it is removed, to prevent any remaining water from spilling out of the water filter.

Pull the water filter downward and turn it counterclockwise to pull it out. Make sure to rotate the filter down completely before pulling it out of the manifold hole.

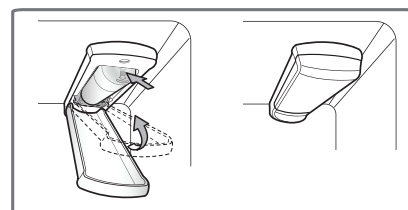


2 Replace with a new water filter.

Take the new water filter out of its packing and remove the protective cover from the orings. With water filter tabs in the horizontal position, push the new water filter into the manifold hole until it stops.



Rotate the water filter up into position and close the cover. The cover will click when closed correctly.



3 After the water filter is replaced, dispense 9.5 L of water (flush for approximately five minutes) to remove trapped air and contaminants from the system. Do not dispense the entire 9.5 L amount continuously. Depress and release the dispenser pad for cycles of 30 seconds ON and 60 seconds OFF.

CAUTION

- DO NOT operate refrigerator without water filter.

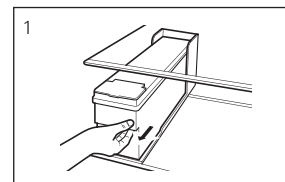
The other functions

No Plumbing Ice & Water (Applicable to some models only)

You can use the Automatic ice maker and Water Dispenser function without having to connect an external water pipe to the refrigerator. The refrigerator uses an internal water tank located on the refrigerator inner case to supply water for these functions.

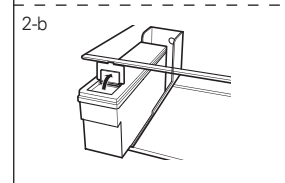
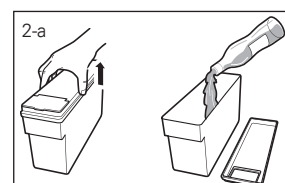
To remove the water tank:

Please pull the water tank as shown in Figure (1). Please be careful when you move the water tank.



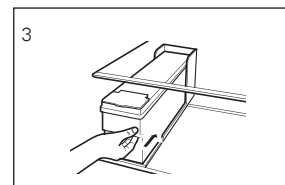
To fill the water tank:

Please open the cover of the water tank and then fill with water. Fill water up to the marked line (4 liters) as shown in Figure (2-a). Once water has been filled up, make sure to close the tank cover firmly. You can also pull out the water tank, open the cap and then fill with water as shown in Figure (2-b). (In case you use the cap to fill with water, make sure you pull out the water tank without fail as shown in Figure (2-b).)



To refit the water tank:

When you have to place the water tank in a refrigerator, please position and then push it as shown in Figure (3).



NOTE: If the tank is not inserted correctly, water will leak from the pick up nozzle onto the shelf. Always wait 15 seconds after dispensing water before attempting to remove the water bottle for filling or cleaning.

NOTE

- When assembling or disassembling the water tank, be careful not to apply excessive force as it can damage the water tank.
- If there is no water in the water tank, you will not be able to use the Auto Ice Maker function and Water Dispenser function.
- Using other liquid besides water can cause problems to the pump. When the water in the water tank is low, the size of the ice cubes may become smaller.
- It's a good idea to clean out the water initially before filling it with water and placing it into position.
- The method of using the Dispenser and Ice Maker is the same as other common Dispenser models.
- Because the water tank can get heavy, don't let children use or hold the water tank, especially with one hand.
- As the ice maker uses water from the water tank, you may hear the water pump operating 8~10 times per day.

⚠ WARNING

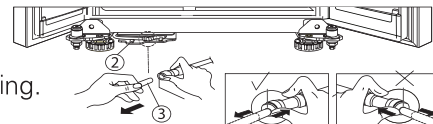
Door removal

If your entrance door is too narrow for the refrigerator to pass through, remove the refrigerator doors and move the refrigerator sideways through the doorway.

■ Electric Shock Hazard

Disconnect electrical supply to refrigerator before installing. Failure to do so could result in death or serious injury.

- Use two or more people to remove and install the refrigerator doors. Failure to do so can result in back or other injury. Disconnect the electrical supply to the refrigerator before installation. Failure to do so could result in serious injury or death.
- Do not put hands, feet or other objects into the air vents or bottom of the refrigerator. You may be injured or receive an electrical shock.
- Be careful when handling the hinge and stopper. You may be injured
- Remove food and bins before detaching the doors and drawers.

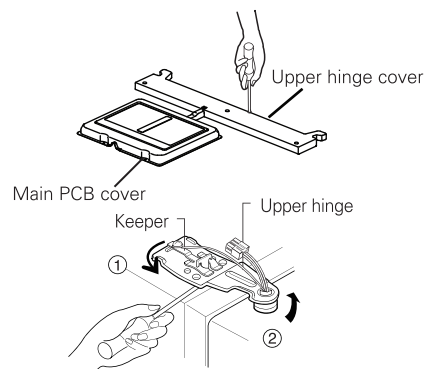


NOTE

If a tube end is deformed or abraded, cut the part away.

Remove the freezer compartment door

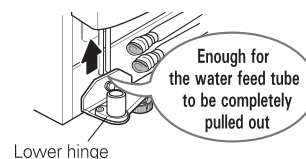
- 1) Removing the hinge cover, and Main PCB cover by loosening the screws. Separate all connection wires.
- 2) Remove the keeper by rotating it counter clockwise (①) and then lifting the upper hinge up (②).



⚠ CAUTION

When removing the upper hinge, be careful that the door does not fall forwards.

- 3) Remove the freezer compartment door by lifting it upward. This time, the door should be lifted enough for the feed water pipe tube to be completely pulled out.

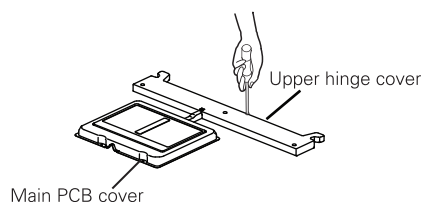


⚠ CAUTION

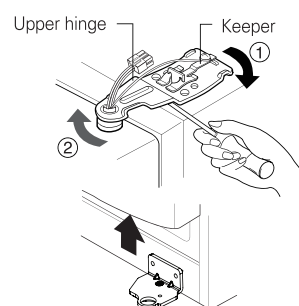
Move the refrigerator compartment door passing through the access door and lay it down, but be careful not to damage the feed water pipe tube.

Remove the refrigerator door

- 1) Removing the hinge cover, and Main PCB cover by loosening the screws. Separate all connection wires.



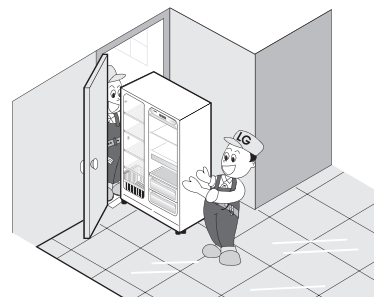
- 2) Remove keeper by rotating it clockwise (①) and then remove the upper hinge by lifting it up (②).



- 3) Remove the refrigerator compartment door by lifting it up.

Pass the refrigerator

Pass the refrigerator laterally through the access door as shown in the right figure.



Door replacement

Mount them in the reverse sequence of removal after they pass through the access door.

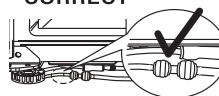
Feed water pipe installation (Applicable to some models only)

Before installation

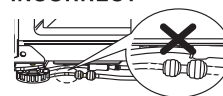
- Automatic ice maker operation needs water pressure of 147~834 kPa (1.5~8.5 kgf/cm²) (That is, an instant paper cup (180 cc) will be fully filled within 3 sec.).
- If water pressure does not reach the rating 147 kPa (1.5 kgf/cm²) or below, it is necessary to purchase a separate pressure pump for normal automatic icing and cool water feed.
- Keep the total length of the feed water pipe tube within 8 m and be careful for the tube not be bent. If the tube is 8 m or longer it may cause trouble in water feed owing to the drain water pressure.
- Install the feed water pipe tube at a place free from heat.

- Open the door and turn the hose to inner side. Guide Line is completely inserted when only one guide line is showing out of two

CORRECT



INCORRECT



- Must be cut vertically when cutting the tube. (Leak Otherwise).



Not Straight



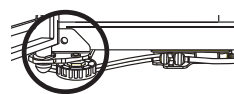
Damaged



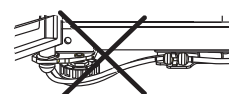
Stretched

- Water hoses are should be behind the leg to prevent the damage.

CORRECT



INCORRECT



⚠ WARNING

- Connect to potable water supply only. (for Plumbing Type)
- Fill with potable water only. (for Non-Plumbing Type)
- Refer to instructions with water filter kit for installation.

⚠ CAUTION

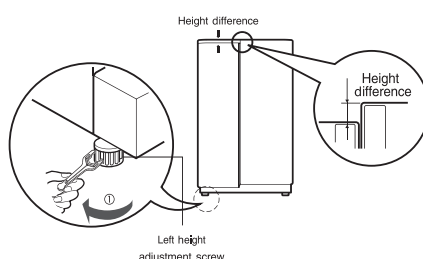
- The new hose-sets supplied with the appliance are to be used and that old hose-sets should not be reused.

Height adjustment

If the height of freezer compartment door is different from the height of Refrigerator compartment door

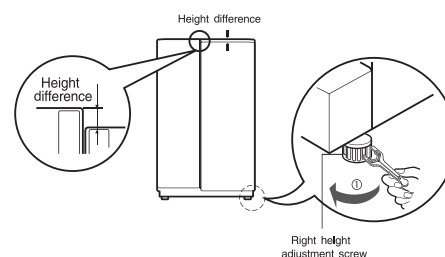
If the freezer compartment door is lower than the refrigerator compartment door

Level the door by inserting flat (-type) driver into the groove of the left height adjusting screw and rotate it clockwise (①).



If the freezer compartment door is higher than the refrigerator compartment door

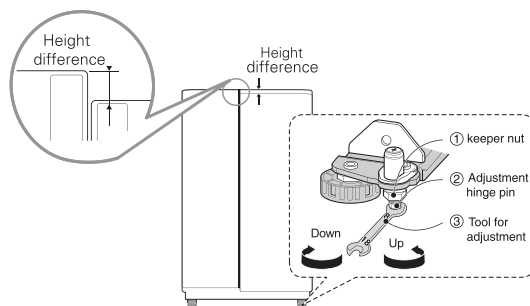
Level the door by inserting flat (-type) driver into the groove of the right height adjusting screw and rotate it clockwise (①).



Door Alignment

If the doors are still uneven after the refrigerator has been leveled, finish adjusting the doors by following the instructions below:

- Using a 19mm wrench, turn the keeper nut counterclockwise to loosen the keeper nut.
- Using a 8mm wrench, turn the adjustment hinge pin clockwise or counterclockwise to level the refrigerator door.
- After leveling the door, turn the keeper nut clockwise to tighten it.



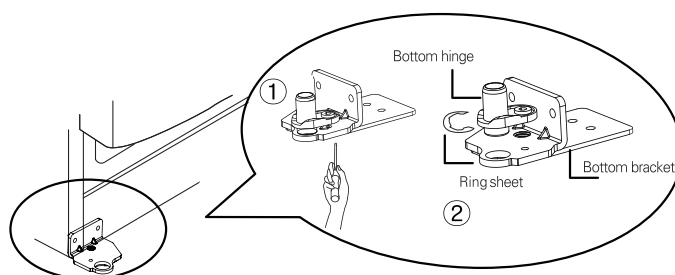
CAUTION

Do not over tighten the door adjustment screw. The hinge pin can be pulled out (adjustable range of height is a maximum of 5 cm).

When the freezer door does not align with the height of the refrigerator door

Even if the height can not be aligned by using the height adjustment screw, insert the ring sheet supplied with the product.

- Open the door and lift it up with the lower height, use the (+) type screwdriver to unscrew the screw at the bottom hinge as shown at Figure ①, insert the ring sheet between the bottom hinge and the bottom bracket, and then fix it with the screw as shown at Figure ②.
- Insert more ring sheets enough to align the height. (4 sheets are supplied in total.)



After leveling the door height

Next

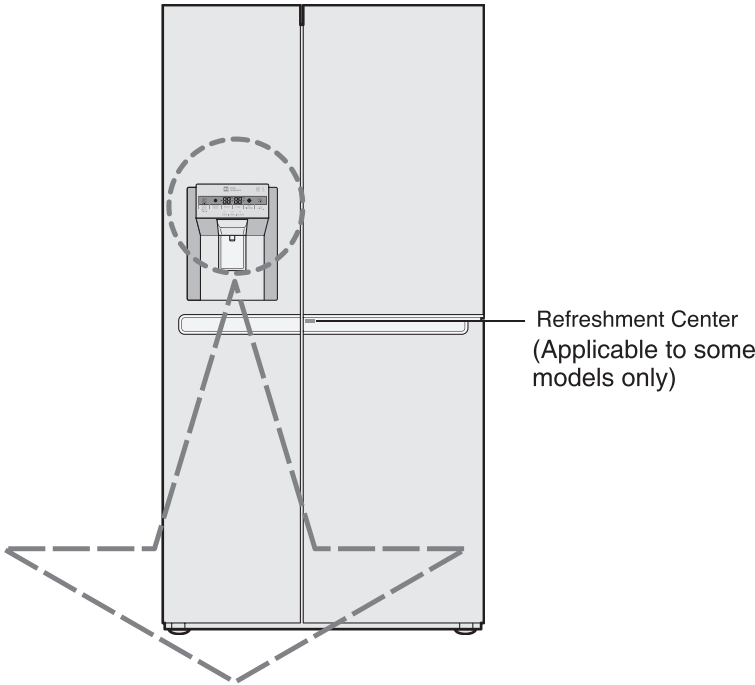
The refrigerator doors will close smoothly by heightening the front side by adjusting the height adjusting screw. If the doors do not close correctly, performance may be affected.

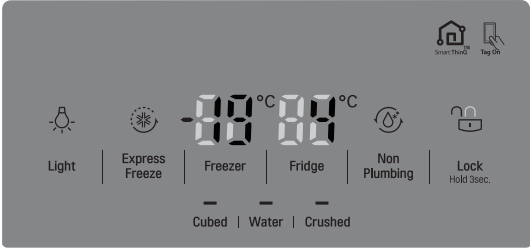
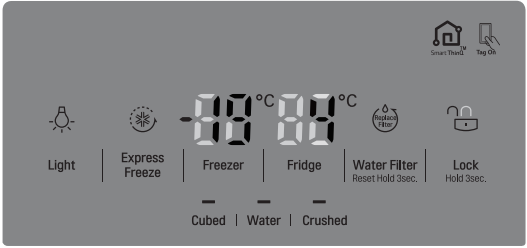
1. Wipe off all dust accumulated during shipping and clean your appliance thoroughly.
2. Install accessories such as the ice cube box, cover evaporating tray, etc., in their proper places. They are packed together to prevent possible damage during shipping.
3. Connect the power supply cord (or plug) to the outlet. Don't double up with other appliances on the same outlet.

Starting

When your refrigerator is first installed, allow it to stabilize at normal operating temperatures for 2-3 hours prior to filling it with fresh or frozen foods. If operation is interrupted, wait 5 minutes before restarting.

Adjusting the temperatures and functions



Optional	Function display board	Optional	Function display board
Type-1		Type-2	

• Your model may not include every option.

Note

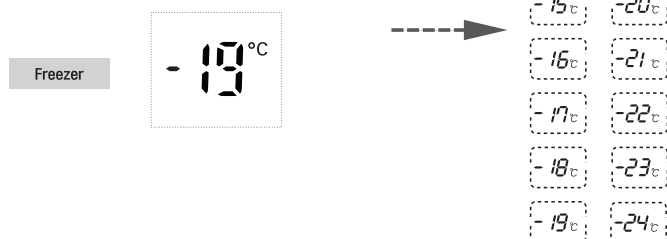
Display Power Saving

The display will automatically turn off after 20 seconds for power saving.

How to adjust the temperature in the freezer compartment

You can adjust temperature of the freezer room and refrigerator room.

Freezer room temperature adjustment



※ Whenever pressing **Freezer** button, setting is repeated in the order of (-19°C → -20°C → -24°C → -14°C → -19°C).

Refrigerator room temperature adjustment



※ Whenever pressing **Fridge** button, setting is repeated in the order of (4°C → 3°C → 2°C → 1°C → 7°C → 6°C → 4°C).

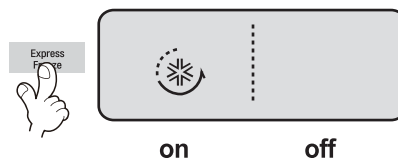
- The actual inner temperature varies depending on the food status, as the indicated seeing temperature is a target temperature, not actual temperature within refrigerator.
- Refrigeration function is weak in the initial time, Please adjust temperature as above after using refrigerator for minimum 2-3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

How to adjust the temperature in the refrigerator compartment

Express freezer

Please select this function for express freezer.

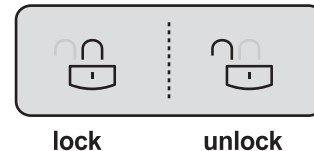
- "on" and "off" is repeated whenever pressing **Express Freeze** button.
- The arrow mark graphic remains at the "on" status when selecting "Special Refrigeration" on.
- When Quick-freeze is "ON", press the button again to turn it off, or after a period of time the Quick-freeze function will turn off automatically after completion.



Lock

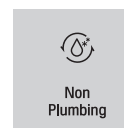
This button stops operation of different button.

- Locking or Release is repeated whenever the button is pressed more than 3seconds.
- When you use the  button, you can not use any other button, until you unlock the unit. When you press the other button when the unit is locked, the  will flash 3 times to notify the current Lock condition.



No Plumbing (Optional)

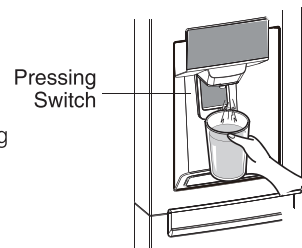
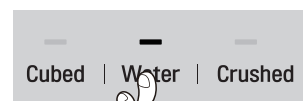
- When the water tank is installed correctly, the indicator light will turn on. Otherwise, the light will not turn on.
- This button has no function.



Dispenser use selection

You can select water or ice.

- * Please select water, slice ice and square ice by pressing  button as you desire.
- * Please press the push button lightly by catching and pushing in cup.
- The border line is indicated for the selected function,
- "Tak!" sounds if 5 seconds pass after ice comes out. It is sound that the outlet of ice is closed.
- **Reference :** Please wait for 2-3 seconds in order to take final ice slices or drops of water when taking out cup from the pressing switches after taking ice or water.



How ice/cold water is supplied

Water is cooled while stored in the water tank in the refrigerator compartment, and then sent to the dispenser.

Ice is made in the automatic ice maker and sent to the dispenser divided into crushed or cubed form ice.

NOTE

It is normal that the water is not very cold at first. If you want colder water, add ice into the glass.

How to use dispenser

- Select one among crushed ice, water, and cubed ice and slightly press the push switch with a glass or other container.

Water

Light the water indicating lamp by pressing the selection button.

Water will be dispensed by pressing the push switch with a glass.

Cubed ice

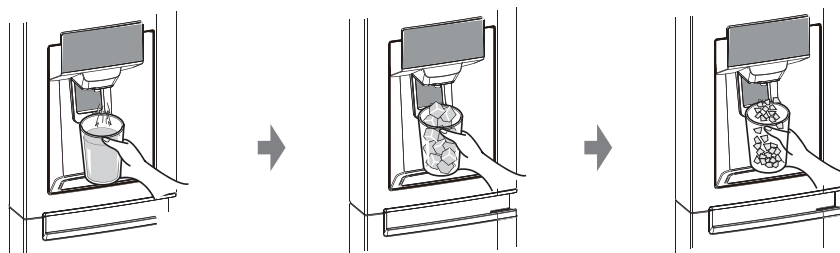
Light the cubed ice indicating lamp by pressing the selection button.

Cubed ice will be dispensed by pressing the push switch with a glass.

Crushed ice

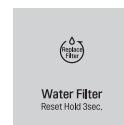
Light the crushed ice indicating lamp by pressing the selection button.

Crushed ice will be dispensed by pressing the push switch with a glass.



Filter condition (filter replacement cycle) display function (Optional)

- There is a replacement indicator light for the water filter cartridge on the dispenser.
- The water filter should be replaced every six months.
- The filter light comes on to let you know when to replace filter.
- After replacing the filter, press and hold the filter button more than 3 seconds to reset the indicator.
- Please contact with the local service center if you need to replace filter.



The other functions

Door open warning

- 3 times of warning sounds at the interval of 30 seconds if a minute passes with the door of refrigerator and the hombar door opened or completely closed.
- Please contact with the local service center if warning continue to sound even after closing the door.

When ice maker does not operate smoothly

Diagnosis (failure detection) function

- Diagnosis function automatically detects failure when failure is found in product during the use of refrigerator.
- If failure occurs at product, it does not operate though pressing any button and normal indication is not done. In this case, do not turn power off but immediately contact with the local service center. A lot of time are need for service engineer to detect the failed part if turning it off.

Ice is lumped together

- When ice is lumped together, take the ice lumps out of the ice storage bin, break them into small pieces, and then place them into the ice storage bin again.
 - When the ice maker produces too small or lumped together ice, the amount of water supplied to the ice maker need to adjusted. Contact the service center.
- ✱ If ice is not used frequently, it may lump together.

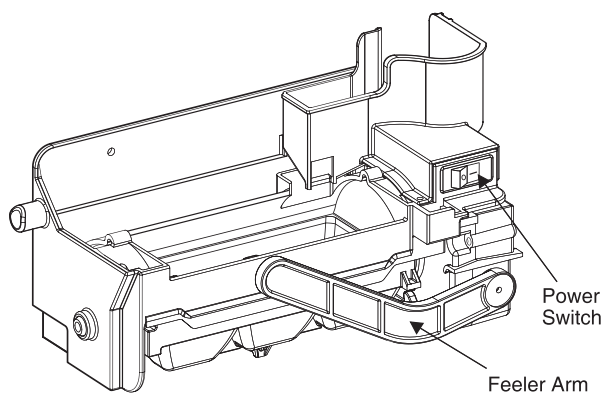
Power failure

- The ice in ice storage bin may melt and the melt water may flow to the freezer compartment. Take the ice storage bin out and discard all the ice, dry it and the freezer compartment. Then replace back the ice storage bin.

The unit is newly installed

- It takes about 12 hours for a newly installed refrigerator to make ice in the freezer compartment.

Automatic icemaker



- The automatic icemaker can automatically make 6 cubes at a time, 50~60 pieces per day. This quantity may vary by circumstance, including ambient temperature, door opening, freezer load. etc.
- Icemaking stops when the ice storage bin is full.
- If you don't want to use the automatic icemaker, turn the icemaker switch to OFF. If you want to use automatic icemaker again, change the switch to ON.

⚠ WARNING

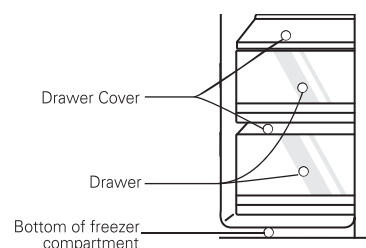
- The sound produced when the ice drops into the ice storage bin is normal, and is not caused by a defect.
- Do not press the test button continuously when the tray is filled with ice or water – Water may overflow or ice jamming may occur.
- When the bucket is not installed, the ice maker does not work.

- Do not put your hands into the Ice maker during operation. You may injure yourself.
- Do not store ice (cubes) for longer than two weeks., they can cause the dispenser to malfunction as the ice cubes clump together.

Freezer Compartment

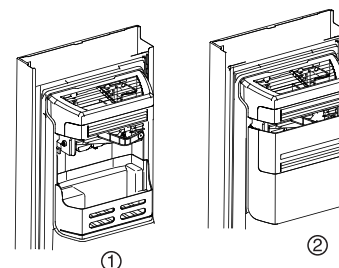
If a large quantity of food is to be placed in the freezer compartment.

- The drawer of freezer compartment shall be taken out of the appliance and the food can be stacked directly on the drawer cover & bottom of freezer compartment .
- Freezer compartment provides drawer cover on default to maximize food storage capacity. And also the drawer is provided to convenient usage for watery meat or half-liquid state food.



Ice maker basket

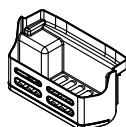
- When you don't use the ice maker, please put on the ice maker basket ① and turn off the ice maker by the switch, then remove all the ice in the bucket ice.
- When you use the ice maker, please remove the ice maker basket from door and keep it in the door basket or other place, and put on the ice maker ②.



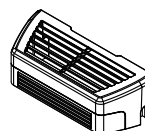
For more space(Applicable to some models only)

For more space, you can store food with ice maker basket instead of the ice bucket, and remove the cover-ice maker.

A declared storage volume of freezer compartment is calculated with "ice maker basket" positioned and "cover-ice maker" removed.



Ice maker basket



Cover-ice maker

CAUTION

Throw away the ice (about 20 pieces) and water (about 7 glasses) first made after refrigerator installation.

The first ice and water may include particles or odor from the feed water pipe or feed water box. This is necessary in case that the refrigerator has not been used for a long time.

Keep children away from the dispenser.

Children may push switch incorrectly bad or damage lamps.

Be careful that food is not block the ice passage.

If foods are placed at the entrance of ice passage, ice may not be dispensed. The ice passage may also be covered with ice powder if splinter ice is used only. This time, remove the ice powder accumulated.

Never store beverage cans or other foods in ice storage bin for the purpose of rapid cooling.

Such actions may damage the automatic ice maker.

Never use thin crystal glass or crockery to collect ice.

Such glasses or containers may be broken.

Put ice first into a glass before filling water or other beverages.

Water may be splashed if ice is added to existing liquid in a glass.

Never touch a hand or other tools on ice outlet.

Touch may cause a part breakage or hand injury.

Sometimes level the surface so that the ice storage bin is fully filled with ice.

Ice is piled up just near the ice maker. So, such status may be considered, by the ice maker, that the ice storage bin is fully filled and ice making operation may stop.

If discolored ice is dispensed, immediately contact service center, stopping use.

Never use too narrow or deep glass.

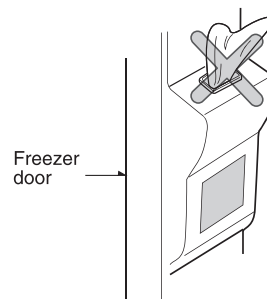
Ice may be jammed in ice passage and, thus, the refrigerator may be failed.

Keep the glass at a proper distance from ice outlet.

A glass too close to the outlet may hinder ice from coming out.

If power is cut for long time, please remove the ice in ice storage bin.

When power is cut for long time, the ice in ice storage bin may melt and the melt water may flow out of the refrigeration. And then it may damage the floor. So please remove all the ice in ice storage bin before power is cut off or going out for long time.



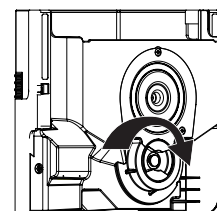
Precautions when using the dispenser (on some model)

To get cold water

The dispensed water will not be icy cold, but just cool or cold. If you want colder water, dispense ice before dispensing water.

If you have difficulty in replacing the ice storage bin

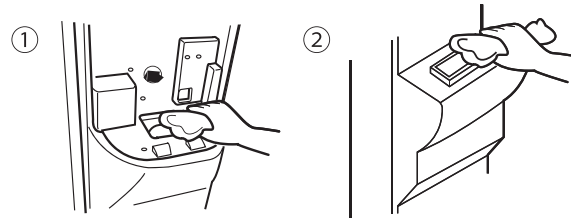
Rotate the rotary gear in 1/4 cycle as shown in the illustration and then push it back.



When the ice dispenser will not operate properly

It is normal that the ice maker will not operate correctly when there is only a small amount of ice left in the storage bin. Allow approximately one day for the ice maker to restock.

If the ice forms into a solid lump and interrupts the operation of the automatic ice maker mechanism, remove the ice storage bin, separate the ice, discard the inseparable ice, and put the usable ice pieces back into the bin. The intermittent dispensing of ice is normal. However, since ice may get stuck and block the ice chute, regularly check the ice chute and clear any obstacles.

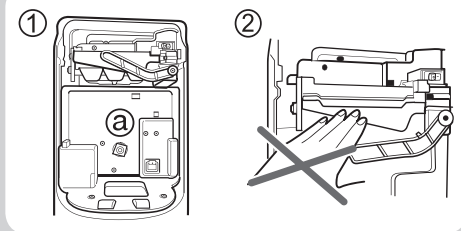


NOTE

- Figure depends on model.

⚠ WARNING

- Never insert your hand or any other object into the ice chute as this may damage dispenser parts or cause injury to the hand.
- If ice is discoloured, stop using the dispenser and call the service centre.
- Do not touch the blade ① a as it may injure the hand.
- Never insert your hands into the ice maker during operation. It may cause injury ②.
- Do not allow your children to hang off the ice dispenser or the ice storage bin. This could cause injury.

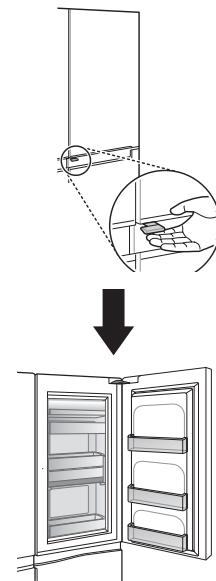


Refreshment center (Applicable to some models only)

How to use the Home Bar

1. Press and hold the lever at the bottom left of the crisper until you hear a clicking sound.
 - With more storage space you can store more food.

- With more storage space, you can store various types of food.



Shelf

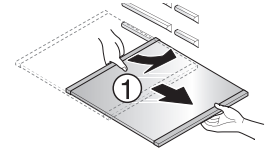
How to use

You can store side dish or refrigerated food on the shelf with sufficient space in between the containers.

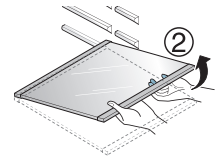


How to disassemble

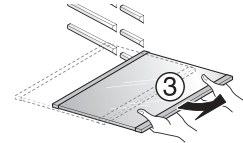
1. Hold the rear part of the shelf slightly up and pull it forward.



2. Lift the shelf slightly up after pulling it half way.



3. While holding the shelf slightly, tilt the shelf to pull it out.

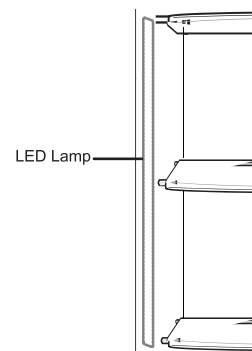


Two stars section (Applicable to some models only)

- Two stars section means the space stored at -12°C~-18°C.
- Freezer foods for short-terms storage.

LED indicator (Freezer/Refrigerator)

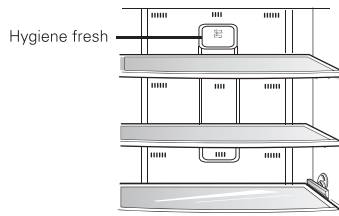
- When the indicator is operating in refrigerator
- When the freezer/refrigerator door is opened, The built-in LED indicator will light up.
 - * This LED indicator will light up when the freezer/refrigerator or Home bar door is opened.
 - * This LED indicator can be used semi-permanently.



How to use the Hygiene fresh

Hygiene fresh (Applicable to some models only)

- Hygiene fresh is already installed on the refrigerator wall, so installation is not needed.
- Please use containers with tight lids to place spicy food. Otherwise the odor will be absorbed by other food.



⚠ WARNING

- Do not place your fingers or foreign objects into the fan of the filter to avoid injury or launch accidentally.

Wine holder (Applicable to some models only)

Wine holder adjustment

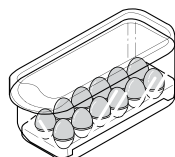
Bottles can be stored laterally with this wine rack.



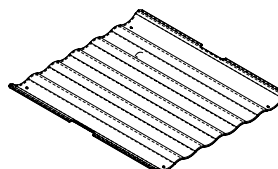
Egg box (Applicable to some models only)

You can move the egg box to wherever you want.

Type-1



Type-2

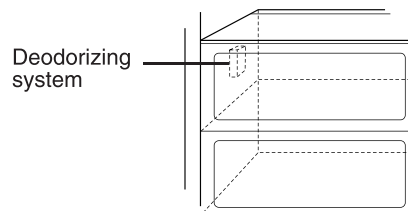


⚠ CAUTION

- Never use the egg box as an ice storage bin. It can be broken.
- Never store the egg box in the freezer compartment or fresh compartment.

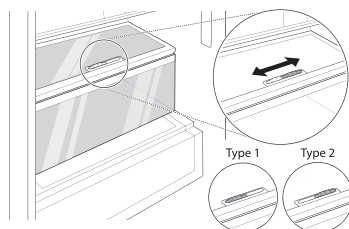
Deodorizer (Applicable to some models only)

This system efficiently absorbs strong odors by using the optical catalyst. This system does not have any effect on stored food.



Using the Fresh Vegetable Drawer (Applicable to some models only)

Vegetable compartment can adjust the humidity by moving the knob. If moved to the left side, cover and tray are opened, and if moved to the right side, cover and tray are closed therefore, it can maintain the humidity. Closed state is recommended for keeping vegetables, and open state is recommended for keeping fruits.



Location of foods

(Refer to identification of parts)

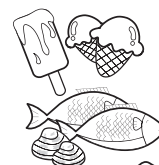
Wine holder

Store wine.



Freezer compartment shelf

Store various frozen foods such as meat, fish, ice cream, frozen snacks, etc..



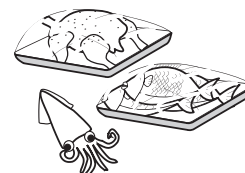
Freezer compartment door rack

- Store small packed frozen food.
- Temperature is likely to increase as door opens. So, do not store long-term food such as ice cream, etc..



Freezer compartment drawer

- Store meat, fish, chicken, etc.. after wrapping them with thin foil.
- Store dry.



Milk product corner

Store milk products such as butter, cheese, etc..



Egg box

Place this egg box in the proper location.



Refreshment center

Store foods of frequent use such as beverage, etc..



Refrigerator compartment shelf

Store side dishes or other foods at a proper distance.



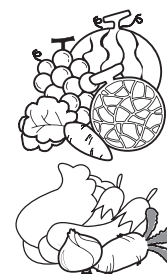
Refrigerator compartment door rack

Store small packed food or beverages such as milk, juice, beer, etc..



Vegetable drawer

Store vegetables or fruits.



Freezer compartment**Storing foods**

- Store fresh food in the refrigerator compartment. How food is frozen and thawed is an important factor in maintaining its freshness and flavor.
- Do not store food which goes bad easily at low temperatures, such as bananas, and melons.
- Allow hot food to cool prior to storing, placing hot food in the refrigerator could spoil other food, and lead to higher energy consumption.
- When storing the food, cover it with vinyl wrap or store in a container with a lid. This prevents moisture from evaporating, and helps food to keep its taste and nutrients.
- Do not block air vents with food. Smooth circulation of chilled air keeps refrigerator temperatures even.
- Do not open the door frequently. Opening the door lets warm air enter the refrigerator, and cause temperatures to rise.
- Never keep too much food in door rack because they may push against by inner racks so that the door cannot be fully closed.
- Do not store bottles in the freezer compartment - they may break when frozen.
- Do not refreeze food that has been thawed. This causes loss of taste and nutrient.
- When storing frozen food like ice cream for a long period, place it on the freezer shelf, not in the door rack.
- Do not touch the cold foods or containers- especially made of metallic -, with wet hands and place glass products in the freezer compartment.

⚠ CAUTION

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

Refrigerator compartment

- Avoid placing moist food in top refrigerator shelves, it could freeze from direct contact with chilled air.
- Always clean food prior to refrigeration. Vegetables and fruits should be washed and wiped, and packed food should be wiped, to prevent adjacent food from spoiling.
- When storing eggs in their storage rack or box, ensure that they are fresh, and always store them in an upright position, which keeps them fresh longer.

NOTE

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

Energy-Saving Method

- Install the fridge in a shady, cool and well-ventilated place.
- Do not open and close the door frequently if not necessary.
- Please do not keep the door open for a long time, close door in the shortest time.
- Allow hot food to cool prior to storing.
- 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.
- Food need't store is not advised to be put in.
- Place the deep-frozen food for thawing into refrigerator; they can be used for cooling the refrigerator. (Applicable to some models only)
- Clean up the back cover and anti-condensation pipe termly (once a year) to make sure heat exchange in gear. (Applicable to some models only)
- Do not block air vents with food. (Applicable to some models only)

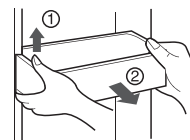
How to dismantle parts

NOTE

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

Door rack and support

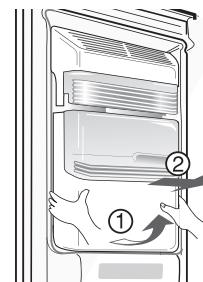
Lift the door rack holding both sides ① and pull it out to ② direction.



Ice storage bin

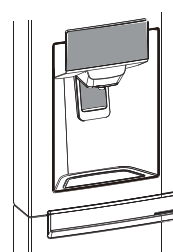
Hold the ice storage bin as shown in the right figure and pull it out ② while slightly lifting it ①.

- Do not dismantle the ice storage bin unless it is necessary.
- Use both hands to remove the ice bin to avoid dropping it. (supporting it with left hand and holding it right hand).

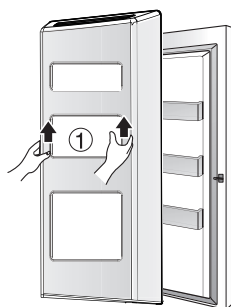


After dispenser is used

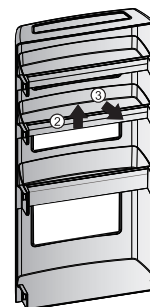
The water collector has no self-draining function. It should be cleaned regularly.



Disassembling the crisper (Optional)



- Lift the crisper ① and remove it from the door.



- After removal, raise the ② and pull out the ③ from the crisper.

General information

Vacation time

During average length vacations, you will probably find it best to leave the refrigerator in operation. Place freezable items in freezer for longer life.

When you plan not to operate, remove all food, disconnect the power cord, clean the interior thoroughly, and leave each door OPEN to prevent odor formation.

Power failure

Most power failures that are corrected in an hour or two will not affect your refrigerator temperatures.

However, you should minimize the number of door openings while the power is off.

If you move

Remove or securely fasten down all loose items inside the refrigerator.

To avoid damaging the height adjusting screws, turn them all the way into the base.

Anti condensation pipe

The 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 refrigerator to prevent "sweating" on the outer cabinet wall.

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.

Exterior

Use a lukewarm solution of mild soap or detergent to clean the durable finish of your refrigerator.

Wipe with a clean damp cloth and then dry.

For products with a stainless steel exterior, use a clean sponge or soft cloth and a mild Detergent in warm water. Do not use abrasive or harsh cleaners. Dry thoroughly with a Soft cloth. Do not use appliance wax, bleach, or other products containing chlorine on stainless steel.

Interior

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

After cleaning

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

WARNING

Always remove power cord from the wall outlet prior to cleaning in the vicinity of electrical parts (lamps, switches, controls, etc.).

Wipe up excess moisture with a sponge or cloth to prevent water or liquid from getting into any electrical part and causing an electric shock.

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

Do not touch frozen surfaces with wet or damp hands, because damp object will stick or adhere to extremely cold surfaces.

Trouble shooting

Before calling for service, review this list. It may save you both time and expense. This list includes common occurrences that are not the result of defective workmanship or materials in this appliance.

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

Occurrence	Possible cause	Solution
Refrigerator compressor does not run.	Thermostat is keeping the refrigerator at a constant temperature.	This is normal. The refrigerator goes on and off to keep the temperature constant.
Temperatures are too cold		
Temperature in the freezer is too cold but the refrigerator temperature is satisfactory.	Freezer control is set too cold	Set the freezer control to a warmer setting until the freezer temperature is satisfactory.
Temperature in the refrigerator is too cold and the freezer temperature is satisfactory.	Refrigerator control is set too cold.	Set the refrigerator control to a warmer setting
Food stored in drawers freezes.	Refrigerator control is set too cold.	See above solution.
Meat stored in fresh meat drawer freezes.	Meat should be stored at a temperature just below the freezing point of water (32°F, 0°C) for maximum fresh storage time.	It is normal for ice crystals to form due to the moisture content of meat.
Temperatures are too warm		
Temperatures in the refrigerator or freezer are too warm.	Freezer control is set too warm.	Set the freezer or refrigerator control to a colder setting until the freezer or refrigerator temperature is satisfactory.
	Refrigerator control is set too warm. Refrigerator control has some effect on freezer temperature.	Set the freezer or refrigerator control to a colder setting until the freezer or refrigerator temperature is satisfactory.
	Doors are opened too frequently or too long.	Warm air enters the refrigerator/ freezer whenever the door is opened. Open the door less often.
	Door is slightly open.	Close the door completely.
	Large amounts of warm or hot food may have been stored recently.	Wait until the refrigerator or freezer has a chance to reach its selected temperature.
	Refrigerator has recently been disconnected for a period of time.	A refrigerator requires some hours to cool down completely.
Temperature in the refrigerator is too warm but the freezer temperature is satisfactory.	Refrigerator control is set too warm.	Set the refrigerator control to a colder setting.

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

Occurrence	Possible cause	Solution
Odors in refrigerator	Interior needs to be cleaned.	Clean interior with sponge, warm water and baking soda.
	Food with strong odor is in the refrigerator.	Cover food completely.
	Some containers and wrapping materials produce odors.	Use a different container or brand of wrapping materials.
Opening/Closing of doors/Drawers		
Door(s) will not close.	Food package is keeping door open.	Move packages that keep door from closing.
Door(s) will not close.	Door was closed too hard, causing other door to open slightly.	Close both doors gently.
	Refrigerator is not level. It rocks on the floor when it is moved slightly.	Adjust the height adjusting screw.
	Floor is uneven or weak. Refrigerator rocks on the floor when it is moved slightly.	Be sure floor is level and can adequately support refrigerator. Contact carpenter to correct sagging or sloping floor.
	Refrigerator is touching wall or cabinets.	Move refrigerator..
Drawers are difficult to move.	Food is touching shelf on top of the drawer	Keep less food in drawer.
	Track that drawer slides on is dirty.	Clean drawer and track.
Dispenser		
Dispenser will not dispense ice	Ice storage bin is empty.	When the first supply of ice is dropped into the bin, the dispenser should operate.
	Freezer temperature is set too warm.	Turn the freezer control to a higher setting so that ice cubes will be made. When the first supply of ice is made, the dispenser should operate.
	Household water line valve is not open.	Open household water line valve and allow sufficient time for ice to be made. When ice is made, dispenser should operate.
	Refrigerator or freezer door is not closed.	Be sure both doors are closed.

Occurrence	Possible cause	Solution
Dispenser will not dispense ice.	Ice has melted and frozen around auger due to infrequent use, temperature fluctuations and/or power outages.	Remove ice storage bin, and thaw and the contents. Clean bin, wipe dry and replace in proper position. When new ice is made, dispenser should operate.
Ice dispenser is jammed.	Ice cubes are jammed between the ice maker arm and back of the bin.	Remove the ice cubes that are jamming the dispenser.
	Ice cubes are frozen together.	Use the dispenser often so that cubes do not freeze together.
	Ice cubes that have been purchased or made in some other way have been used in the dispenser.	Only the ice cubes made by the ice maker should be used with the dispenser.
Dispenser will not dispense water.	Household water line valve is not open. See problem "Ice maker is not making any ice."	Open household water line valve.
	Refrigerator or freezer door is not closed.	Be sure both doors are closed.
Water has an odd taste and/or odor.	Water has been in the tank for too long.	Draw and discard 7 glasses of water to freshen the supply. Draw and discard an additional 7 glasses to completely rinse out tank.
	Unit not properly connected to cold water line.	Connect unit to cold water line which supplies water to kitchen faucet.
Sound of ice dropping	This sound is normally made when automatically made ice is dropped into ice storage bin. Volume may vary according to refrigerator's location.	
Sound of water supply	This sound is normally made when ice maker is supplied with water after dropping the automatically made ice.	
Other	Please thoroughly read 'Automatic ice maker and dispenser' in this manual.	

It is Normal...

The following occurrences are normal.

	Occurrence	Solution
Noise	When you hear "Tak" or "Took" sound	This is the sound of various parts expanding/contracting or various control devices operating depending on the temperature change within the refrigerator.
	When you hear "Deureureuk~", "Dulkuk" or "Woong" sound	This is the count of compressor or fan operating when the operation of the refrigerator is starting or ending. This is the same phenomenon of the sound generated when starting or turning off the engine of a car.
	When you hear "Kureureuk" sound of water flowing	This is the sound of refrigerant changing the condition in the freezer/fridge. When the liquid changes to gas, you will hear the sound of water flowing and when gas changes to liquid, you will hear the "Kureureuk" sound.
	When you hear the sound of wind such as "Shoo~" or "Shik" right after you close the door	This is the sound generated when the internal pressure is temporarily lowered when the warm air entered through the fridge or freezer is cooled fast.
	When you hear the vibrating sound	If the refrigerator is installed on wooden floor or wooden wall, or if the refrigerator is not leveled properly, the sound can be loud from the vibration.
	When you hear a loud sound after installing the product for the first time	When you operate the refrigerator for the first time, the refrigerator will operate at high speed to cool fast and the sound can seem louder. When the internal temperature falls below a certain level, the noise will subside.
Door open	When the door is slightly opened after closing the door	Depending on the force or speed of closing the fridge or freezer door, the door can open slightly and then get closed. Be careful not to close the door too hard.
Icing/ Dew drops	When there is icing or dew drops formed on the inner or outer side of the refrigerator	When external air flows into the cool inner surface of the refrigerator, icing/dew drops can be formed. Especially, this will happen more easily when you open and close the refrigerator door more frequently. Also if the humidity of the installed location is high or during the rainy season or on a rainy day, dew drops can form on the outer side of the refrigerator. This is a natural phenomenon that occurs during the humid weather. Wipe the water drops with a dry cloth.
Temperature	When the front side of the refrigerator is warm	Heat pipes are installed around the front part of the refrigerator and on the divider of the freezer and fridge to prevent the dew drops from forming. The refrigerator may feel warmer after the installation or during the hot summer, but this is not a problem and you can be rest assured.

Smart Diagnosis

(Applicable to some models only)



Should you experience any problems with your refrigerator, it has the capability of transmitting data via your telephone to the LG service center. This gives you the capability of speaking directly to our trained specialists. The specialist records the data transmitted from your machine and uses it to analyze the issue, providing a fast and effective diagnosis.

If you experience problems with your refrigerator, call to the LG service center. Only use the Smart Diagnosis feature when instructed to do so by the LG call center agent. The transmission sounds that you will hear are normal and sound similar to a fax machine.

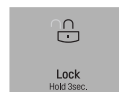
Smart Diagnosis cannot be activated unless your refrigerator is connected to power. If your refrigerator is unable to turn on, then troubleshooting must be done without using Smart Diagnosis.

Using Smart Diagnosis

Smart Diagnosis™ Through the Customer Information Center

First, call to the LG service center. Only use the Smart Diagnosis feature when instructed to do so by the LG call center agent.

1. Lock the display. To lock the display, press and hold the Lock button for three seconds. (If the display has been locked for over five minutes, you must deactivate the lock and then reactivate it.)



2. Open the right refrigerator door.



3. Hold the mouthpiece of your phone in front of the speaker that is located on the right hinge of the refrigerator door, when instructed to do so by the call center.

4. Press and hold the Freezer Temperature button for three seconds while continuing to hold your phone to the speaker.

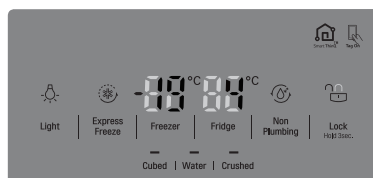


5. After you hear three beeps, release the Freezer Temperature button

6. Keep the phone in place until the tone transmission has finished. This takes about 3 seconds, and the display will count down the time. Once the countdown is over and the tones have stopped, resume your conversation with the specialist, who will then be able to assist you in using the information transmitted for analysis.

Smart Diagnosis™ Using the Smart Phone

1. Download the LG Smart ThinQ application on a smart phone.
2. Open the LG Smart ThinQ application on the smart phone. Create an account and sign in.
3. Select the refrigerator in dashboard.
4. Select the **Smart Diagnosis**, then start and tag on it.



NOTE

- If the diagnosis is failed many times, then use the follow instructions continue.

5. Select the **Audible Diagnosis**.

6. Place the mouthpiece of the smart phone close to the Smart Diagnosis™ icon.

NOTE

- For best results, do not move the phone while the tones are being transmitted.
- If the call center agent is not able to get an accurate recording of the data, you may be asked to try again.
- Call quality differences by region may affect the function.
- Use the home telephone for better communication performance, resulting in better service.
- Bad call quality may result in poor data transmission from your phone to the machine, which could cause Smart Diagnosis to not work properly.

MODEL			SXB54WB/SXB54TS
PRODUCER CATEGORY			LG Electronics Refrigerator-Freezer
Capacity (ℓ)	ISO Gross	Total	668
		Freezer	246
		Two stars section	-
		Refrigerator	422
	ISO Storage	Total	601
		Freezer	164
		Two stars section	32
		Refrigerator	405
Weight (kg)	Net / Packing		130/141
	Width x Height x Depth	Product (mm)	912x1790x738
		Packing(mm)	968x1891x770
Free Standing / Built-In			Free Standing
Defrost System			Frost Free
Sound Power (dB)			39
Energy Class			A+
Energy Consumption (kWh/year)			460
Temperature Rise Time (h)			10
Freezing Capacity (kg/24h)			12
Refrigerant			R600a
Freezer Star Rating			
Climate Class			T

※ Climate Class: T (This appliance is intended to be used at an ambient temperature between 16°C and 43°C.)