



# **SXS** REFRIGERATOR

## User's Guide

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



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## Entry

**The model and serial numbers are found on the inner case or back of refrigerator compartment of this unit. These numbers are 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

This refrigerator must be properly installed and located in accordance with the installation instructions before it is used.

Never unplug your refrigerator 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 refrigerator 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.

Unplug the power cord from the power plug for cleaning or other cares. Never touch it with wet hands because you can get an electric shock or be hurt.

Never damage, process, severely bend, pull out, or twist power cord because power cord damage may cause a fire or electric shock. You have doubts on whether the appliance is properly grounded.

Never place glass products in the freezer because they may be broken when their inner matters are frozen.

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.

If possible, connect the refrigerator to its own individual electrical outlet to prevent it and other appliances or household lights from causing an overload that could cause a power outage.

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

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.

Do not modify or extend the Power Cord length.

- It will cause electric shock or fire.



**Don't use an extension cord**

**Accessibility of Supply Plug**

**Supply Cord Replacement**

 **Warning**

### Child entrapment warning

**DANGER** : Risk of child entrapment.

Before you throw away your old refrigerator or freezer :

Take off the doors

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

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.

### Don't store

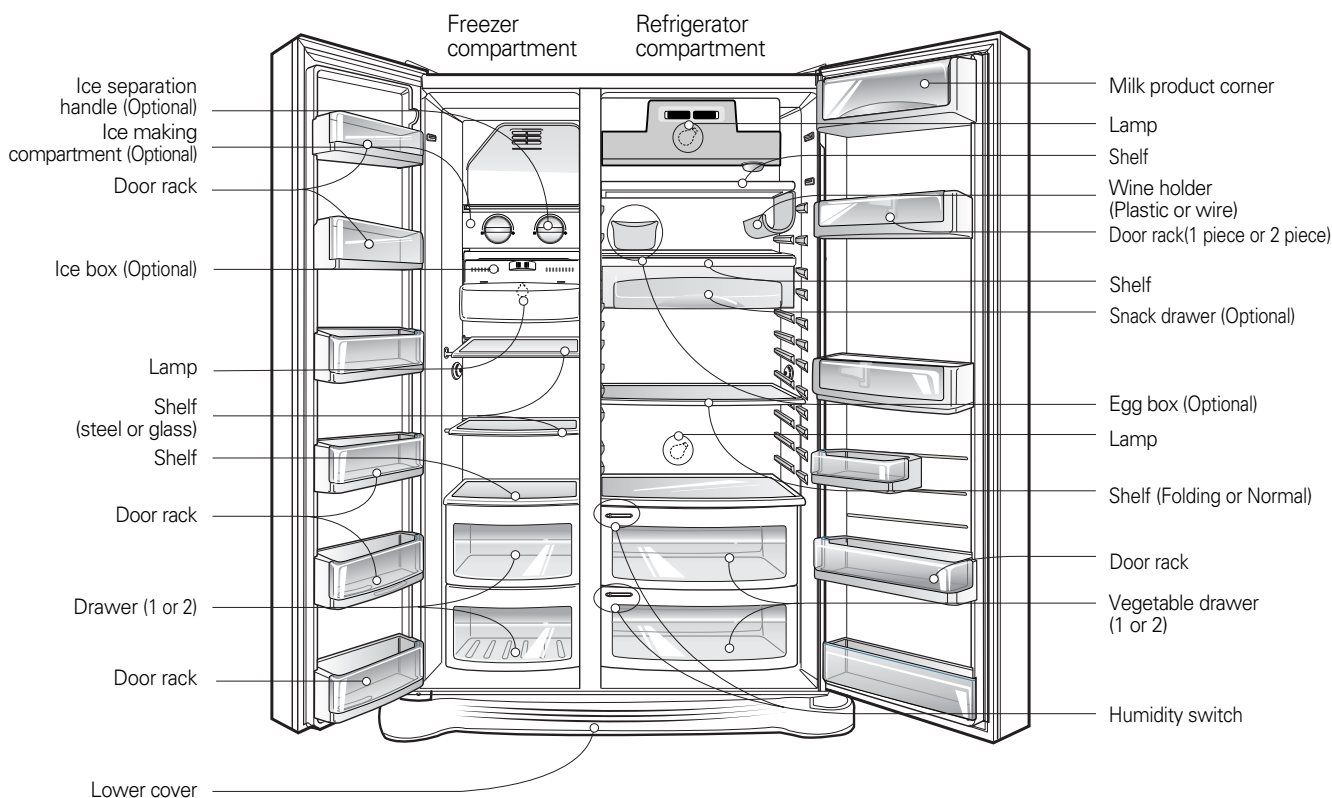
Don't store or use gasoline or other flammable vapor and liquids in the vicinity of this or any other appliance.

### Grounding (Earthing)

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

In order to prevent possible electric shock, this appliance must be grounded. Improper use of the grounding plug can result in an electric shock. 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.

## Identification of parts



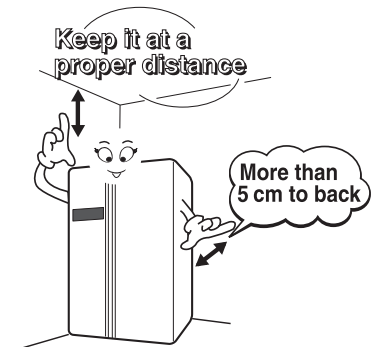
### NOTE

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

## Where to locate

### Select a good location

1. Place your appliance where it is easy to use.
2. Avoid placing the unit near heat sources, direct sunlight or moisture.
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 leveled.
5. Don't install the appliance below 5°C. It may cause affect the performance.



### Disposal of the old appliance

This appliance contains fluid (refrigerant, lubricant) and is made of parts and materials which are reusable and/or recyclable. All the important materials should be sent to the collection center of waste material and can be reused after rework (recycling). For take back, please contact with the local agency.

**Warning**

**Door removal**

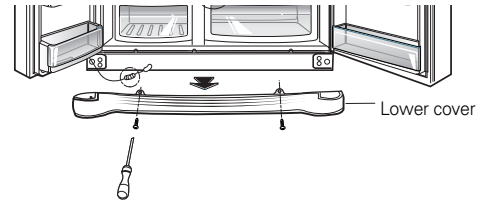
**Electric Shock Hazard**

Disconnect electrical supply to refrigerator before installing.

Failure to do so could result in death or serious injury.

**If your access door is too narrow for the refrigerator to pass through, remove the refrigerator door and pass the refrigerator laterally.**

Remove the lower cover by lifting upward.



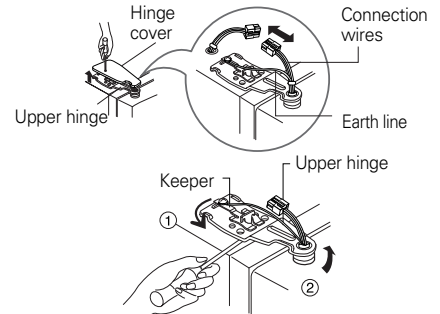
**Remove lower cover**

**Remove the freezer compartment door**

**NOTE**

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

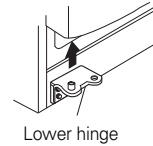
- 1) Removing the hinge cover by loosening the screws. Separate all connection wires except for the earth line after.
- 2) Remove the keeper by rotating it counter clockwise (ⓐ) and then lifting the upper hinge up (ⓑ).



**NOTE**

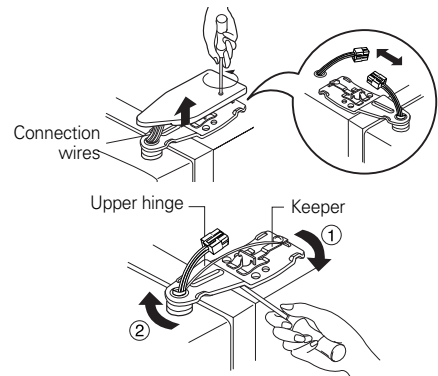
- When removing the upper hinge, be careful that the door does not fall forwards .

- 3) Remove the freezer compartment door by lifting it upward.



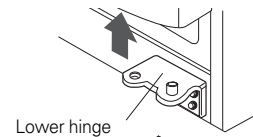
**Remove the refrigerator door**

- 1) Loosen the hinge cover screws and remove the cover. Remove connection wire, if any, except for the earth line.



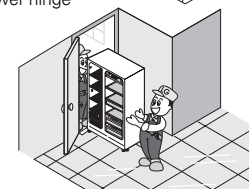
- 2) Remove keeper by rotating it clockwise (ⓐ) and then remove the upper hinge by lifting it up (ⓑ).

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



**Pass the refrigerator**

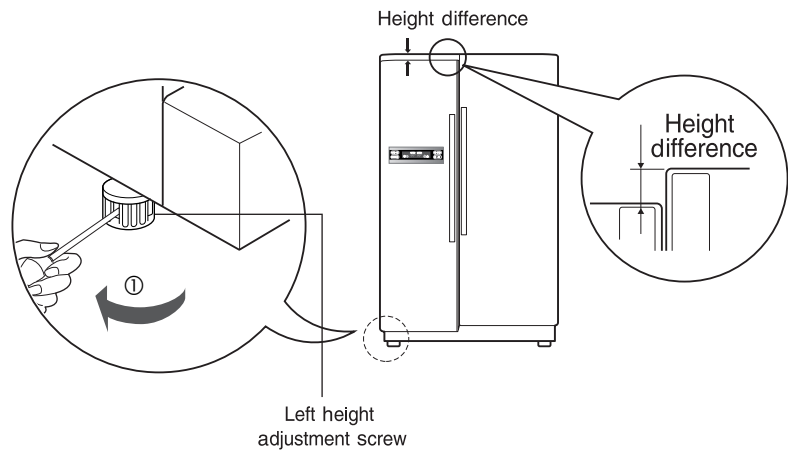
Pass the refrigerator laterally through access door as shown in the right figure.



## Height adjustment

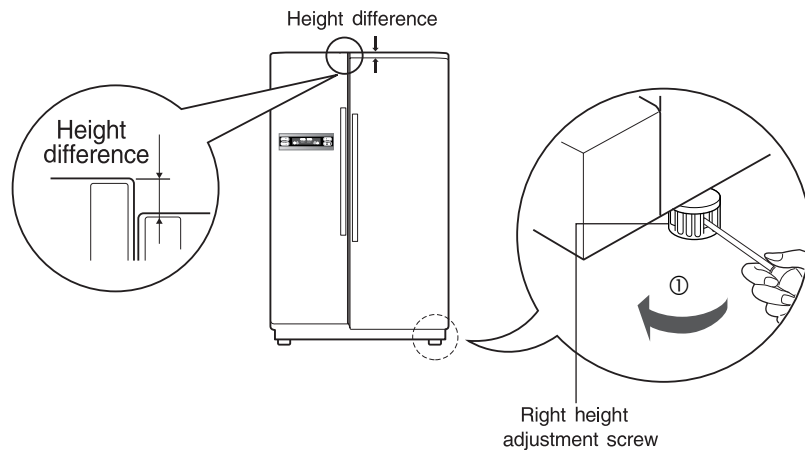
**If the freezer compartment door is lower than the refrigerator compartment door**

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



**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 (⌚).



**After leveling the door height**

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.

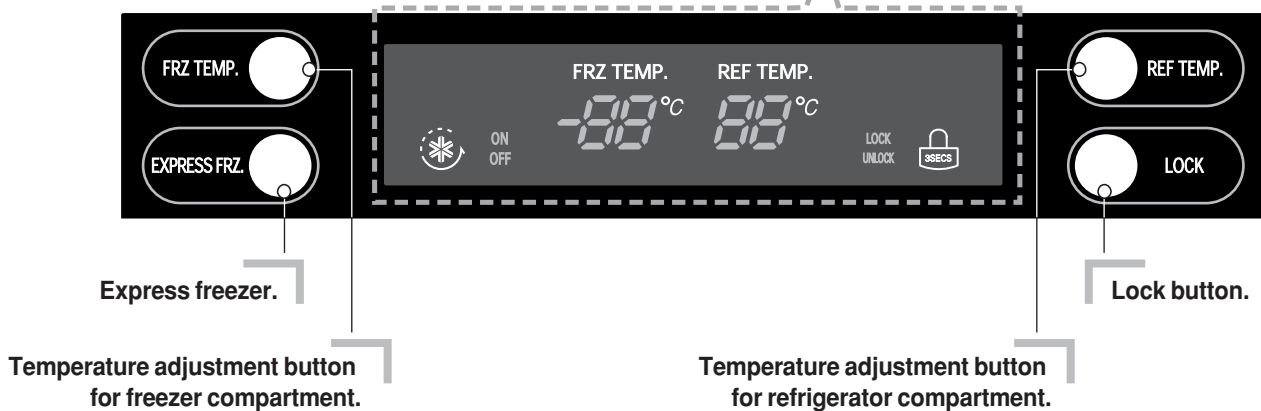
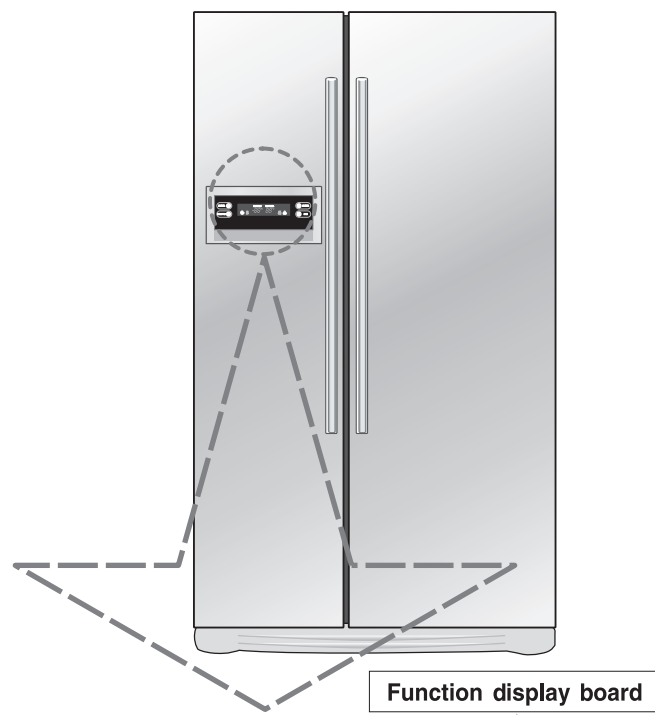
### Next

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



### NOTE

- Your model may not include every option.

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

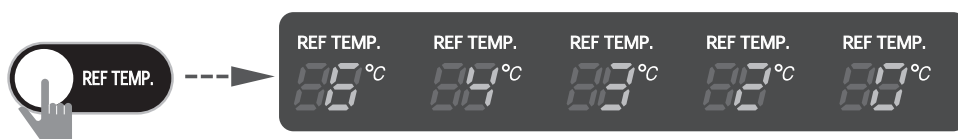
**How to adjust the temperature in the freezer compartment**

**Freezer Compartment temperature adjustment**



**How to adjust the temperature in the refrigerator compartment**

**Refrigerator Compartment temperature adjustment**




\* Whenever pressing button, setting is repeated in the order of (Middle) → (Middle Strong) → (Strong) → (Weak) → (Middle Weak).

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

**Express freezer**

**Please select this function for prompt freezer.**

- OFF → ON → OFF is repeated whenever pressing  button.

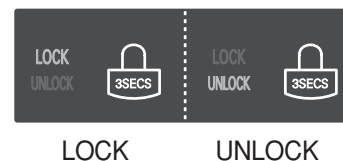


- The arrow mark graphic remains at the On status after flickering 4 times when selecting Special Refrigeration On.
- Prompt freezer function automatically turns off after a fixed time passes.

**Lock**

**This button stops operation of different button.**

- Locking or Release is repeated whenever the  is pressed more than 3 seconds.



- If you use the ALARM/LOCK button, none of the other buttons will work until you unlock them.

**The other functions*****Ambient temperature display window.***

- Temperature is displayed only by  $-9^{\circ}\text{C} \sim 49^{\circ}\text{C}$ .
- Temperature less than  $-10^{\circ}\text{C}$  is indicated with 'LO' and temperature more than  $50^{\circ}\text{C}$  is indicated with 'HI'.
- Temperature may differ from the actual ambient temperature as it is monitors on the upper part of refrigerator (top of door).

***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.

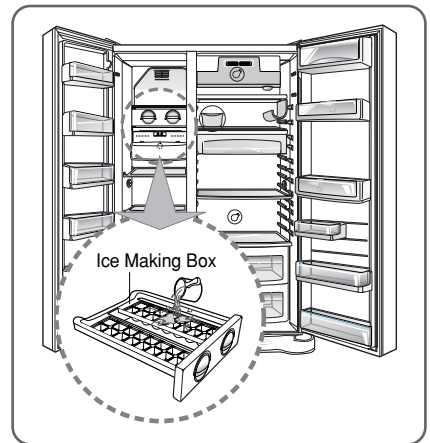
***Diagnosis (failure detection) function***

- 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.

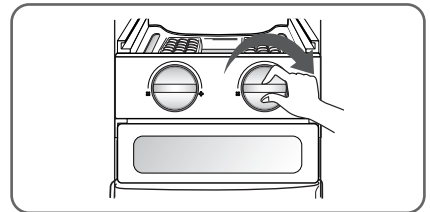
## Ice Making (Applicable to some models only)

### When making Ice

- Fill water in ice making box of the ice making corner.  
If water is fully filled the ice will not be separated well and water can be dropped to make ice lumped.



- Ice will be dropped into the ice storage bin by rotating ice separation handle of ice making compartment.

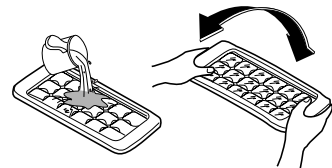


### NOTE

- Rotating the ice separation handle before ice is fully frozen may cause the remaining water drop into the ice storage bin to lump the ice together.

### Ice making

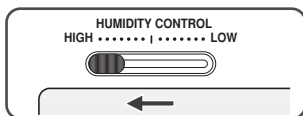
To remove ice cubes, hold the tray at its ends and twist gently.



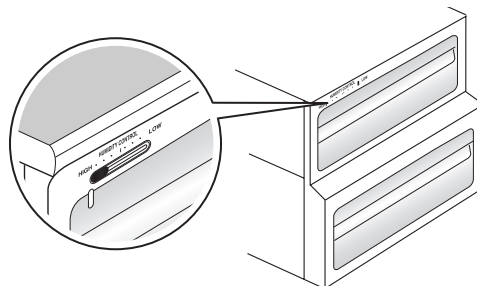
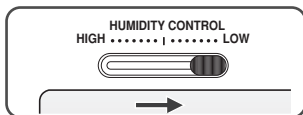
## Humidity control in the vegetable compartment

The humidity can be controlled by adjusting the humidity control switch to the left/right when storing vegetables or fruits.

### High humidity

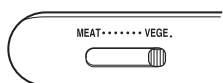


### Low humidity

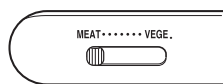


## Convert into a vegetable or meat compartment (Applicable to some models only)

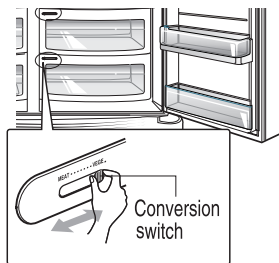
- The bottom drawer in the refrigerator can be converted into a vegetable or meat compartment



Vegetable compartment



Meat compartment



The meat compartment maintains the temperature at a lower point than the refrigerator compartment so that meat or fish can be stored fresh longer.

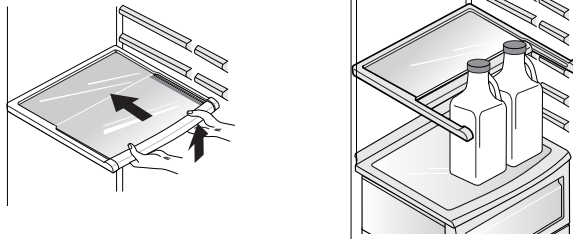
### NOTE

- Vegetables or fruits are frozen if the conversion switch is set to meats compartment. So, be sure to check it before storing foods.

**Slide-Under Shelf**

**Shelf (Applicable to some models only)**

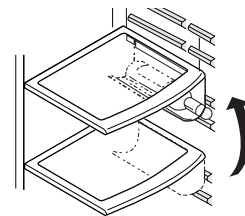
You can store taller items such as a gallon container or bottles by simply pushing in front half of shelf underneath back half of shelf. Pull toward you to return to a full shelf.



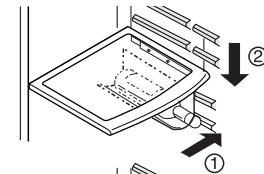
**Wine holder adjustment (Type 1)**

**Wine holder (Applicable to some models only)**

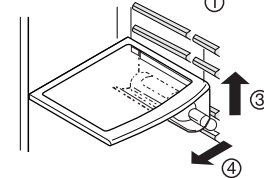
Bottles can be stored laterally with this wine corner. This can be attached to any shelf.



**In case of inserting the wine holder :**  
Pull the wine holder downward as in ② after inserting it into the side anchoring part of the shelf as in ① by catching it upward as in ①.

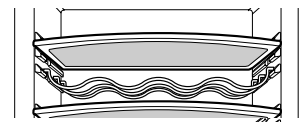


**In case of separating the wine holder :**  
Pull the wine holder inward as in ④ after holding it upward as in ③ by catching it.



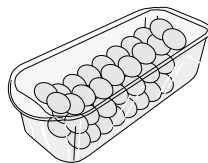
**(Type 2)**

Bottles can be stored laterally with this wine rack.

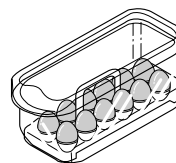


**Egg box (Applicable to some models only)**

You can move the egg box to wherever you want.



[Type-1]



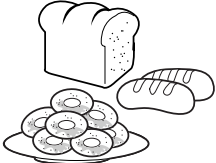
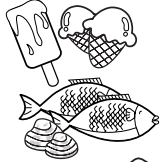
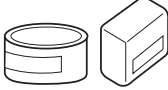
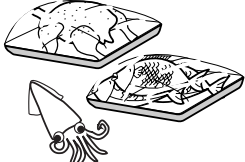



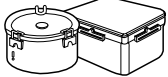

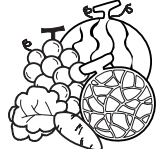


[Type-2]

**NOTE**

- 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.

## Location of foods

(Refer to identification of parts)

<b>Wine holder</b>	Store wine.	
<b>Snack drawer</b>	Store small foods such as bread, snacks, etc..	
<b>Freezer compartment shelf</b>	Store various frozen foods such as meat, fish, ice cream, frozen snacks, etc..	
<b>Freezer compartment door rack</b>	<ul style="list-style-type: none"> <li>▪ Store small packed frozen food.</li> <li>▪ Temperature is likely to increase as door opens. So, do not store long-term food such ice cream, etc..</li> </ul>	
<b>Freezer compartment drawer</b>	<ul style="list-style-type: none"> <li>▪ Store meat, fish, chicken, etc.. after wrapping them with thin foil.</li> <li>▪ Store dry.</li> </ul>	
<b>Milk product corner</b>	Store milk products such as butter, cheese, etc..	
<b>Egg box</b>	Place this egg box in the proper location.	
<b>Refrigerator compartment shelf</b>	Store side dishes or other foods at a proper distance.	
<b>Refrigerator compartment door rack</b>	Store small packed food or beverages such as milk, juice, beer, etc..	
<b>Vegetable drawer</b>	Store vegetables or fruits.	
<b>Vegetable drawer /meat drawer conversion corner</b>	<p>Store vegetable, fruits, meat to thaw, raw fish, etc.. setting the conversion switch as necessary.</p> <p>Be sure to check the conversion switch setting before storing foods.</p>	
		
		

## 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 electric bills.
- When storing the food, cover it with vinyl wrap or store in a container with a lid. This prevents moisture from evaporating, and helps food to keep its taste and nutrients.
- Do not block air vents with food. Smooth circulation of chilled air keeps refrigerator temperatures even.
- Do not open the door frequently. Opening the door lets warm air enter the refrigerator, and cause temperatures to rise.
- Never keep too many foods in door rack because they may be interrupted by inner racks so that the door cannot be fully closed.

### Freezer compartment

- Do not store bottles in the freezer compartment - they may break when frozen.
  - Do not refreeze food that has been thawed. This causes loss of taste and nutrition.
  - When storing frozen food like ice cream for a long period, place it on the freezer shelf, not in the door rack.
  - Do not touch the cold foods or containers- especially made of metallic -, with wet hands and place glass products in the freezer compartment.
- 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 upmost refrigerator shelves, it could freeze upon direct contact with chilled air.
- Always clean food prior to refrigeration. Vegetables and fruits should be washed and wiped, and packed food should be wiped, 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 a up-right 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 dust cloth free from care.

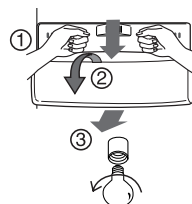
## How to dismantle parts

### 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.

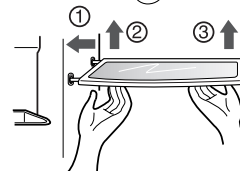
### Freezer compartment lamp

Separate the lamp by pulling it out (③) while slightly striking (①) and rotating (②) the lamp cover. Turn the bulb counterclockwise. Max. 40 W bulb for refrigerator is used and can be purchased at a service center.



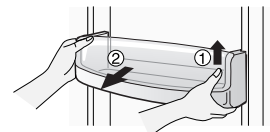
### Freezer compartment shelf

To remove a shelf, push the shelf to the left (①), lift the left part of the shelf a bit (②), lift the right part up (③), and take it out.



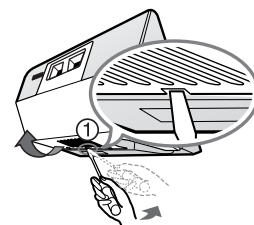
### Door rack and support

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



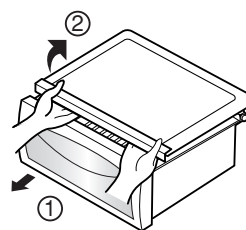
### Lamp in refrigerator compartment

Insert the tool into the marked area (①) and push the tool to disconnect. Use the tool with the flat tip such as (-) screw driver. Turn the bulb counterclockwise. Max. 40 W bulb for refrigerator is used and can be purchased at a service center.



### Vegetable compartment cover

- To remove the vegetable compartment cover, pull out the vegetable compartment a bit to the front (①), lift the front part of the vegetable compartment cover as shown by (②), and take it out.



## 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.

### 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
<b>Runing of refrigerator</b>		
<b>Refrigerator compressor does not run.</b>	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.
<b>Refrigerator runs too much or too long</b>	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
<b>Temperatures are too cold</b>		
<b>Temperature in the freezer is too cold and the refrigerator temperature is satisfactory.</b>	Freezer control is set too cold	Set the freezer control to a warmer setting until the freezer temperature is satisfactory.
<b>Temperature in the refrigerator is too cold and the freezer temperature is satisfactory.</b>	Refrigerator control is set too cold.	Set the refrigerator control to a warmer setting
<b>Food stored in drawers freezes.</b>	Refrigerator control is set too cold.	See above solution.
<b>Meat stored in fresh meat drawer freezes.</b>	Meat should be stored at 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.
<b>Temperatures are too warm</b>		
<b>Temperatures in the freezer is too warm.</b>	Freezer control is set too warm.	Set the freezer control to a colder setting until the freezer temperature is satisfactory.
	Refrigerator control is set too warm. Refrigerator control has some effect on freezer temperature.	Set the freezer control to a colder setting until the freezer temperature is satisfactory.
<b>Temperatures in the refrigerator or freezer is too warm.</b>	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 open slightly.	Close the door completely.
	Large amounts of warm or hot food may have been stored recently.	Wait until the refrigerator or freezer has had 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.
<b>Temperature in the refrigerator is too warm and the freezer temperature is satisfactory.</b>	Refrigerator control is set too warm.	Set the refrigerator control to a colder setting.

Occurrence	Possible cause	Solution
<b>Sound and noise</b>		
<b>Louder sound levels when refrigerator is on.</b>	Today's refrigerators have increased storage capacity and maintain more even temperatures.	It is normal for sound levels to be higher.
<b>Louder sound levels when compressor comes on.</b>	Refrigerator operates at higher pressures during the start of the ON cycle.	This is normal. Sound will level off as refrigerator continues to run.
<b>Vibrating or rattling noise.</b>	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 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 solidly set on floor.
	Refrigerator is touching wall or cabinets.	Relieve or move refrigerator
<b>Water/Moisture /Ice inside refrigerator</b>		
<b>Moisture collects on inside of refrigerator walls.</b>	Weather is hot and humid which increases 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.
<b>Water/Moisture /Ice outside refrigerator</b>		
<b>Moisture forms on outside of refrigerator or between doors.</b>	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.



## Specifications

Model number	GR-B227***	
Climate class	Tropical	
Rated voltage	127 V	220 V
Rated frequency	60 Hz	50/60 Hz
Rated current	1.05 A	1.05 A
Defrosting input	260 W	260 W
Electric power consumption	1.92 kWh / 24 hr	2.39 kWh / 24 hr
Percentage running time	34 %	49 %
Quantity of ice produced per 24 hours run	1.0 kg / 24 hr	
Refrigerant	R134a, 180 g	
Net weight	121 kg	
Rated shelf area	1.95 m <sup>2</sup>	
Manufacturer(and / or trade mark)	LG Electronics Inc.	
Country of origin	Made in Korea	

Model number	GR-B257***	
Climate class	Tropical	
Rated voltage	127 V	220 V
Rated frequency	60 Hz	50/60 Hz
Rated current	1.05 A	1.05 A
Defrosting input	260 W	260 W
Electric power consumption	1.92 kWh / 24 hr	2.39 kWh / 24 hr
Percentage running time	34 %	49 %
Quantity of ice produced per 24 hours run	1.0 kg / 24 hr	
Refrigerant	R134a, 180 g	
Net weight	132 kg	
Rated shelf area	1.95 m <sup>2</sup>	
Manufacturer(and / or trade mark)	LG Electronics Inc.	
Country of origin	Made in Korea	