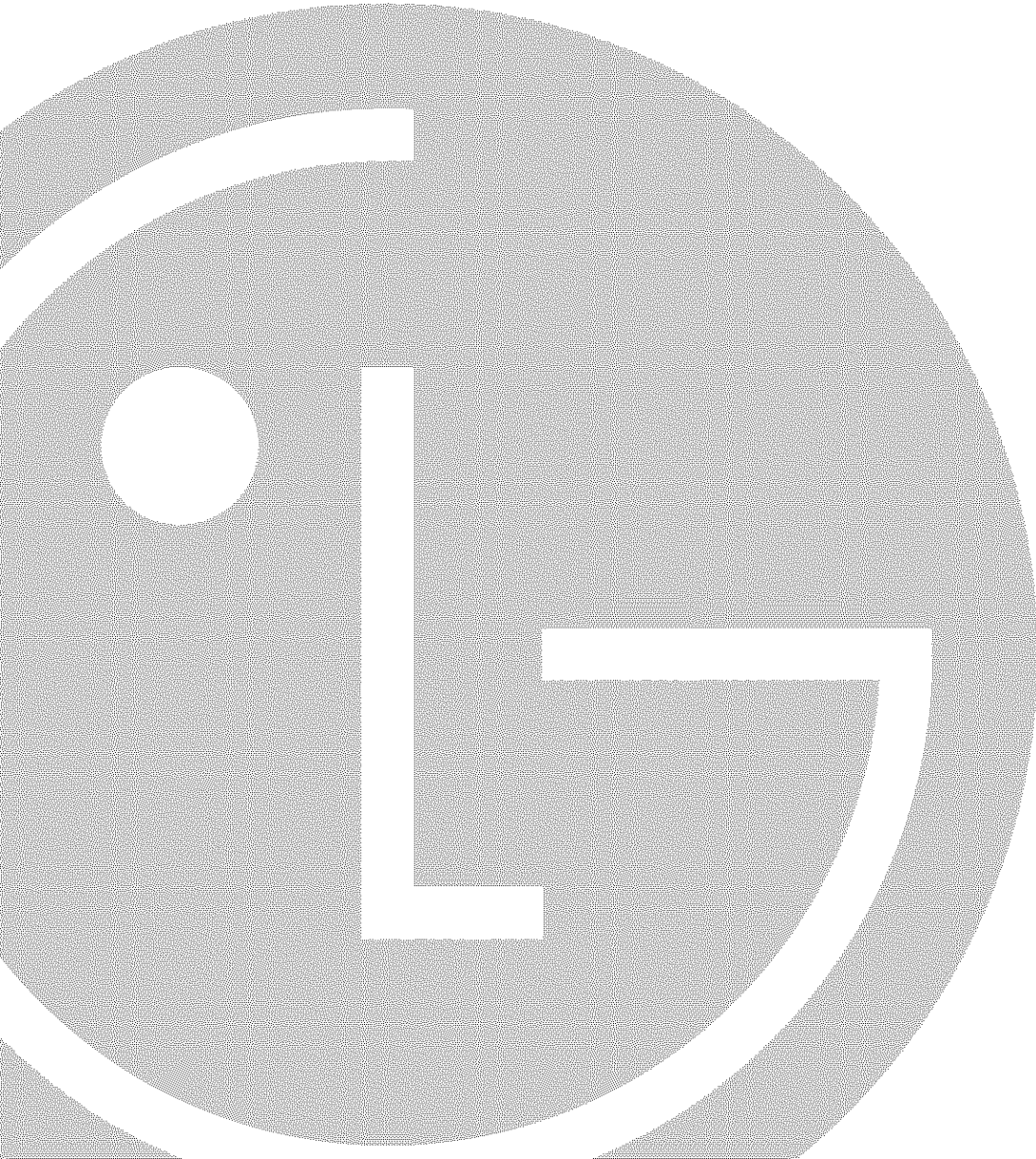




# **SXS** REFRIGERATOR

## User's Guide

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



## (In the UK Only)

### Important

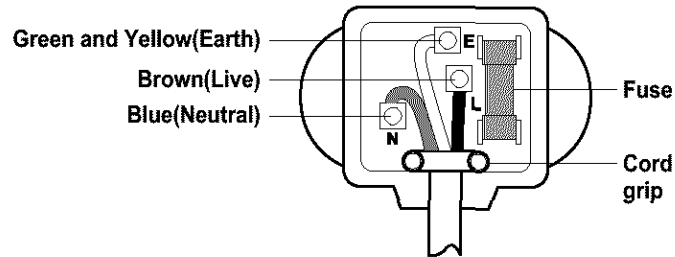
The wires in this mains lead are coloured in accordance with the following code :

**GREEN AND YELLOW : EARTH**

**BLUE : NEUTRAL**

**BROWN : LIVE**

**This appliance must be earthed**



As the colours of the wires in the mains lead of this apparatus may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows :

The wire which is coloured Green and Yellow must be connected to the terminal in the plug which is marked with the letter E or by the earth symbol(b) or coloured Green or Green and Yellow.

The wire which is coloured Blue must be connected to the terminal which is marked with the letter N or coloured Black.

The wire which is coloured Brown must be connected to the terminal which is marked with the letter L or coloured Red.

If a 13 amp(BS 1363) plug is used, fit a 13 amp BS 1362 fuse.

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# Entry

**The model and serial numbers are found on the inner case of the 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

Before it is used, this refrigerator must be properly installed and located in accordance with the installation instructions in this document.

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 requirements. 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 the power cord because damage the power cord 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 due to expansion when their contents are frozen.

Never allow your hands within the ice storage bin of the automatic ice maker. You could be hurt by the operation of the automatic ice maker.

Never allow anyone to climb, sit, stand or hang on the Home Bar door. These actions may damage the refrigerator and even tip it over, causing severe personal injury.

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.

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

**Don't use an extension cord**

**Supply cord replacement**

## Child entrapment warning

**DANGER:** Risk of child entrapment.

Before you throw away your old refrigerator or freezer:

Take off the doors but 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.

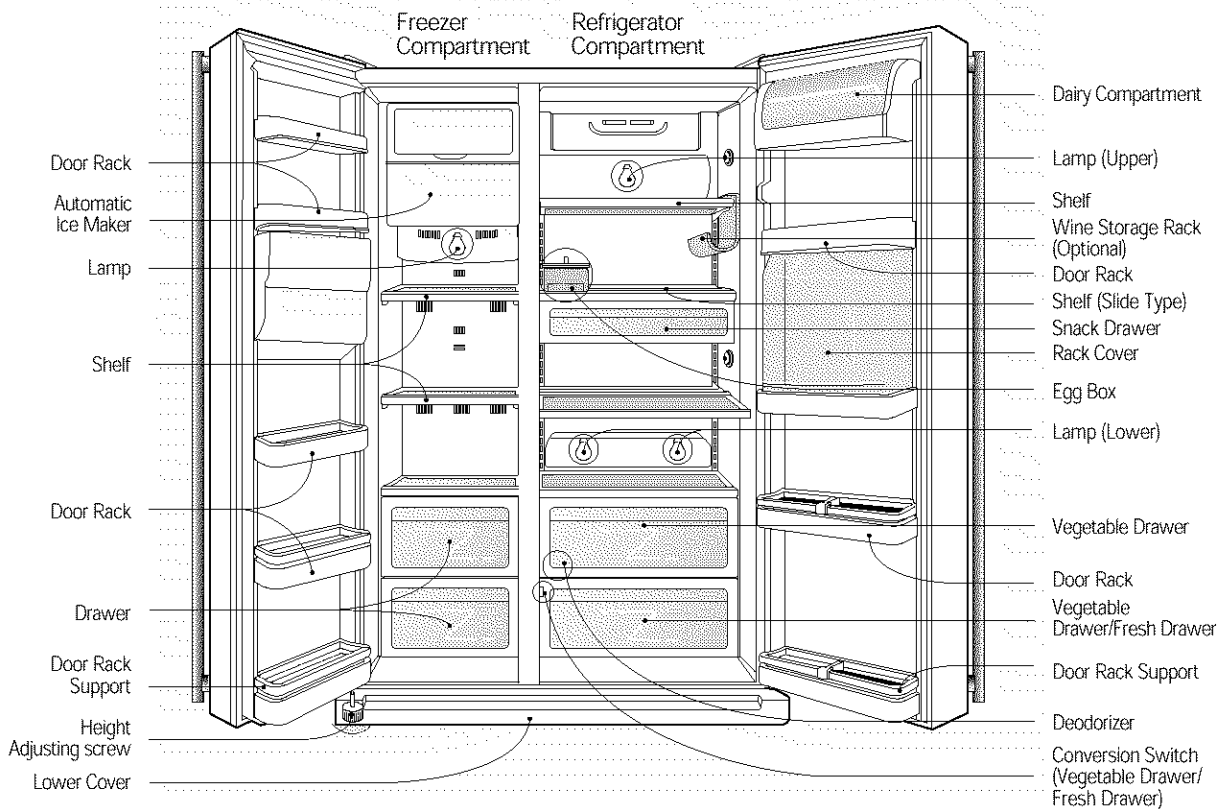
## Grounding (Earthing)

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.

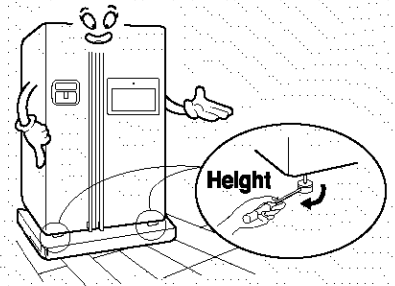
## Identification of Parts



## Where to Install

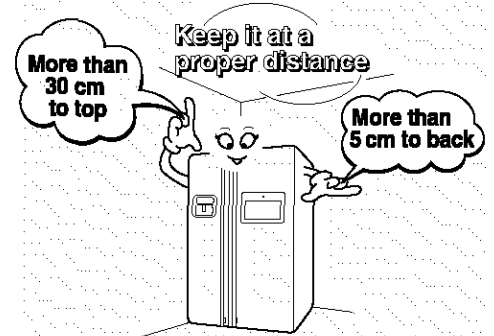
### Strong and even floor

Unstable installation may cause vibration and noise. If the floor to install the refrigerator on is not even, make the refrigerator level by rotating the height adjusting screw. Carpet or floorcloth on which a refrigerator is installed may be discolored by heat from the bottom of the refrigerator. So, it is necessary to place a thick pad below the refrigerator.



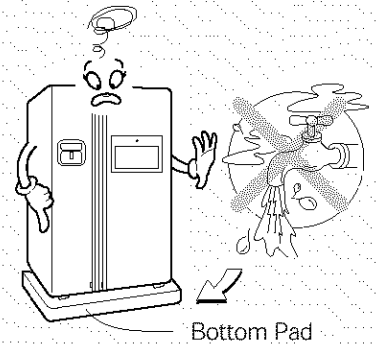
### A proper distance from adjacent items

Please keep the refrigerator at a proper distance from other things. Too small a distance from adjacent items may result in lowered freezing capability and increased electricity charges consumption.



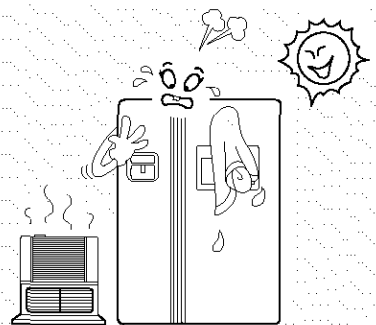
### Where feed water pipe can be easily connected in a dry place

Select a place where a feed water pipe can be easily connected between the automatic ice maker and dispenser. A wet or near-water place, refrigerator may be rusted or electricity may be leaking



### Where is free from heat or coal gas

Places where ambient temperature are high, freezing capability is deteriorated and electric charge is increased. Coal gas and smoke may discolor the appearance of refrigerator.

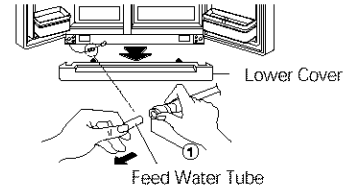


### NOTE

- Install the refrigerator at a place where the ambient temperature is 5°C~43°C. Too high or low ambient temperature may cause functional troubles. Also, the tube between the dispenser and automatic ice maker may be frozen.

## Door Removal

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



**Remove lower cover and then feed water pipe**

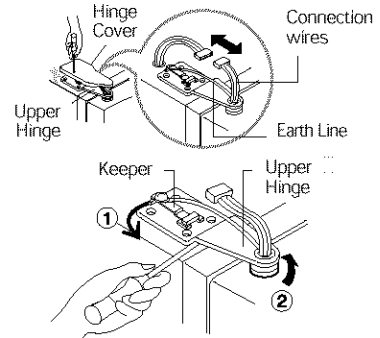
Remove the lower cover by lifting upward, and then pull up the feed water tube while pressing area ① shown in the figure to the right.

### NOTE

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

**Remove the freezer compartment door**

1) Separate all connection wires except for the earth line after removing the hinge cover by loosening the screws.

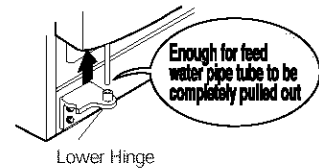


2) Remove the keeper by rotating it to counted clockwise (①) and then lifting the upper hinge up (②).

### NOTE

- In removing the upper hinge, be careful so that the door does not to fall over frontward.

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.

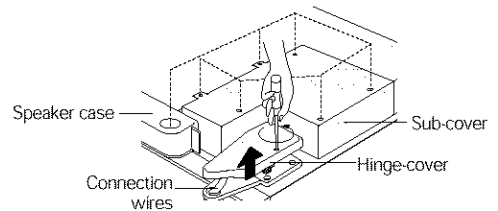


### NOTE

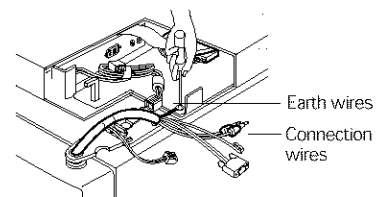
- Move the refrigerator compartment door passing through the access door and laying it down but be careful not to damage the feed water pipe tube.

**Remove the refrigerator door**

1) Loosen screws of the hinge-cover, Sub cover and speaker case and Remove the covers.

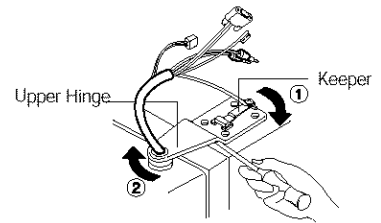


2) Loosen screws of the earth wires, Separate all connection wires.

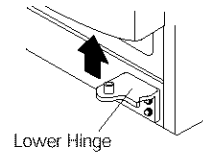


## Remove the refrigerator door

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

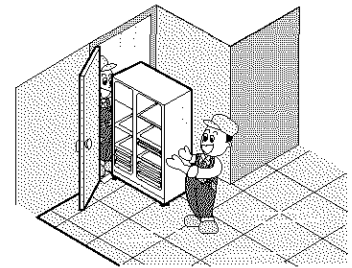


- 4) Remove the refrigerator compartment door by lifting it up.



## Pass the refrigerator

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



## Mount the freezer and refrigerator compartment doors

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

## Feed water pipe Installation

### Before installation

- Automatic ice maker operation needs water pressure of 147~834 kPa (1.5~8.5 kgf/cm<sup>2</sup>) (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/cm<sup>2</sup>) 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 12 m and be careful for the tube not be bent straightly. If the tube is 12 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.

### Warning

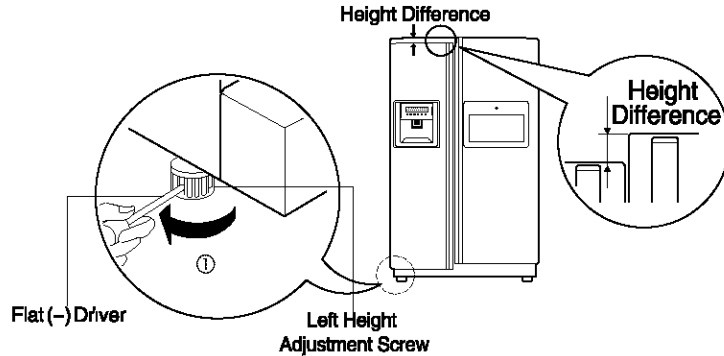
- Connect to potable water supply only.



## Height Adjustment

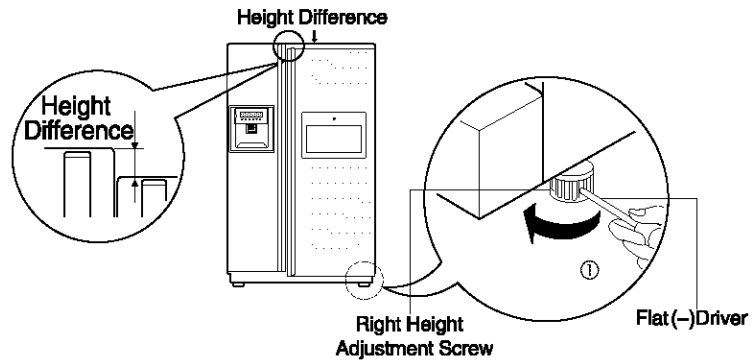
**If the freezer compartment door is lower than the refrigerator compartment door**

Make them level by inserting flat (-) driver into the groove of the left height adjusting screw and rotating it clockwise (⌚).



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

Make them level by inserting flat (-) driver into the groove of the right height adjusting screw and rotating it clockwise (⌚).



**After leveling the door height**

Refrigerator door will close smoothly by heightening the front side by adjusting the height adjusting screw. If the door does not close well because of bad Open/Close, performance may be affected.

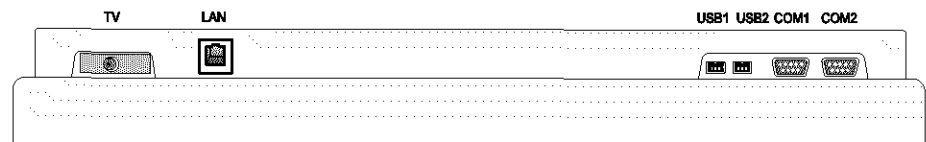
## Method to Connect Cables

### Connection Terminal

There is a terminal on the rear upper part of refrigerator where the expansion port can be plugged-in.

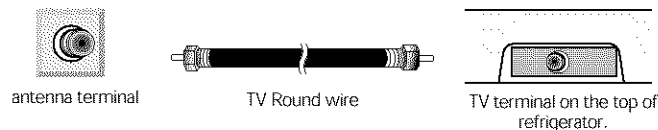
- For connection, turn the connection terminal to the right and fix it using round wires.
- In connection of round wires, take care so that copper wires will not be bent.
- SB/2, COM1/2 is external expansion terminals used in occurrence of service.

### Rear Upper Side of Refrigerator



### Connect to TV-antenna

- Connect the TV terminal on the top of the refrigerator to antenna terminal with Round Wire.



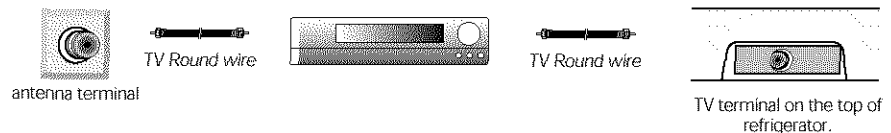
### Caution!

- Install this product at a place away from the transmission wire. Touching with antenna may cause electrical shock.
- Install with appropriate interval so that even if antenna will fall down due to severe wind, it will not touch with adjacent electrical wires. Falling of antenna may cause electrical shock and harm.
- Bend the part downward where outside antenna wires enter into so that rains will not come into it. Coming of water into the refrigerator may cause electrical shock.

### Connect to Video

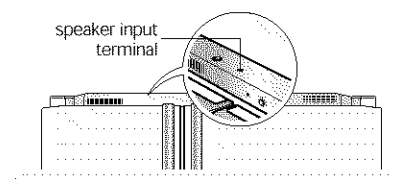
You must use select No.3 or No.4 TV channel in case of connecting video . (However, they must correspond to the No.3 or No.4 channel switches on the rear side of video.)

- In Connect both video and refrigerator with video connection wires (accessories).
- Plug either side of the connection wires into the [Connection to TV] terminal on the rear side of video and plug the other side into the place on the rear side of refrigerator where the round wire have been plugged in.



### Connect to Outside Speaker (audio)

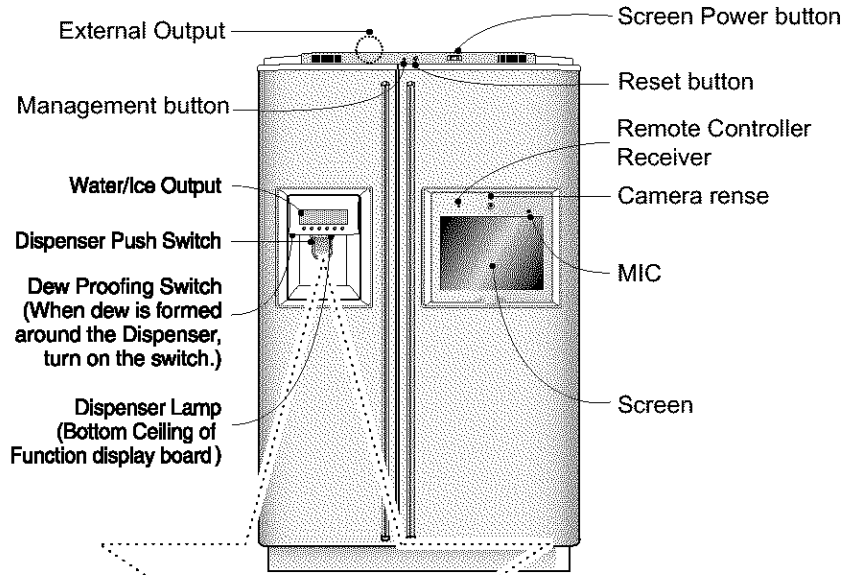
- Connect when desiring to loudly listen by connecting voice to the outside speaker(audio).
- Connect to both outside input terminal of the speaker(audio) and speaker input terminal of the refrigerator.



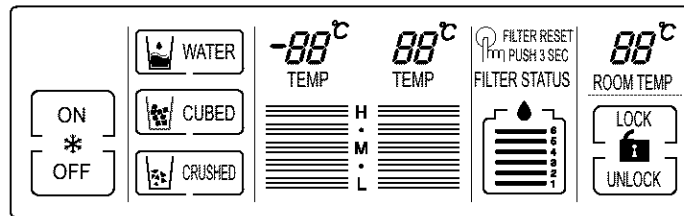
## Starting

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.

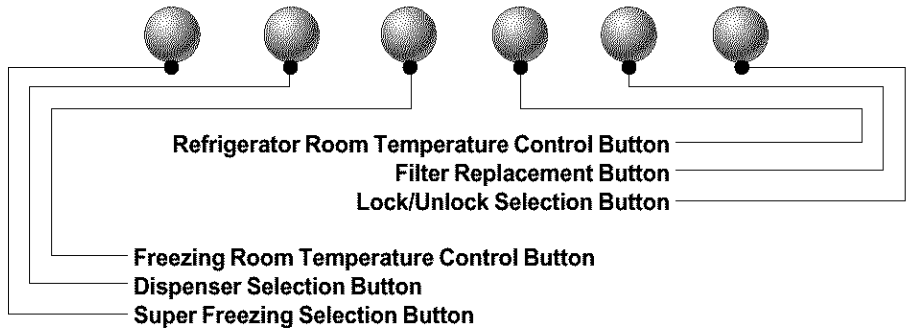
## Adjusting the temperatures and functions



**Function display board**



SUPER FRZ    DISPENSER    FRZ TEMP    REF TEMP    FILTER RESET    LOCK CONTROL



## LCD Back Light

**LCD back light turns on to easily see display status in following cases:**

- When powering on
- When touching desired button
- When opening doors of refrigerator (refrigerator room, freezer room)

**Only LCD back light turns on if touching any button with the LCD back light turned off. No setting status is changed.**

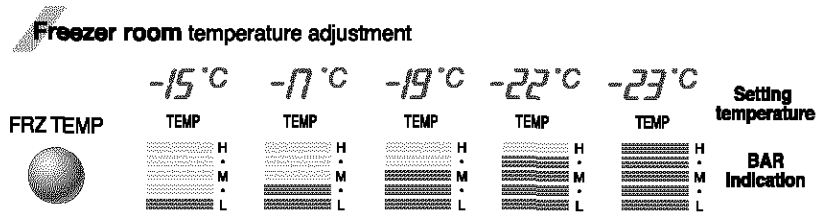
**The LCD back light turns for power saving in following cases:**

- When a minute has passed after powering on
- When a minute has passed after opening or closing doors of refrigerator (refrigerator room, freezer room)
- When there is no button operation for a minute after touching the desired button.

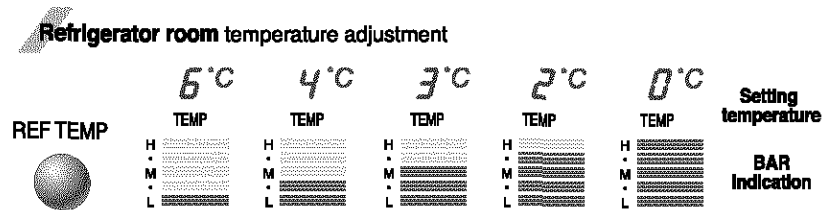
Black lines may temporarily appear in the nature of LCD within the display window when scrubbing it with the dry cotton for cleaning of the display window. Such phenomena do not mean failure as they disappear after a moment.

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

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




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

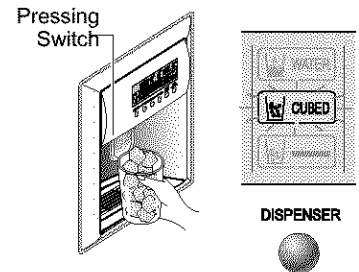


- Whenever touching the button, temperature option is repeated in the order of (Middle) ◻M(Middle Strong)◻M(Strong) ◻M(Weak) ◻M(Middle Weak).
- Actual inside temperature may vary depending on the status of food as the displayed setting temperature is not actual temperature but target temperature.
- Refrigeration function is weak for the initial time. Control temperature as above after using it for at least two or three days.

### Dispenser use selection

**You can select water or ice.**

- \* Please select water, slice ice and square ice be by pressing  button as you desire.
- \* Selection option is repeated in the order of (Crushed) ◻M(Water)◻M(Cubed) wherever touching the button.
- \* 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.



## Automatic ice maker

- The automatic ice maker can automatically make 8 pieces of ice cube at a time, 80 pieces a day. But these quantities may be varied according to various conditions including how many times the refrigerator door opens and closes.
- Ice making stops when the ice storage bin is full.

### NOTE

• It is normal that a noise is produced when ice made is dropped into the ice storage bin.

- **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.

## When ice maker does not operate smoothly

### 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

- Ice may drop into the freezer compartment. Take the ice storage bin out and discard all the ice then dry it and place it back. After the machine is powered again, crushed ice will be automatically selected.

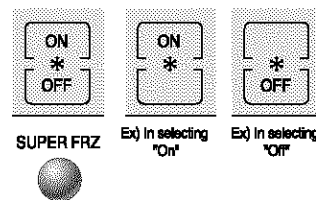
### The unit is newly installed

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

## Super freezer

### *Use for a rapid freezing in the rapid freezing room partition within the*

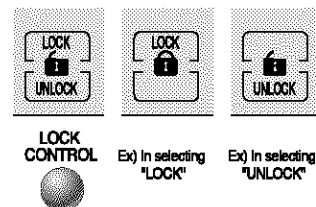
- "On", "Off" is repeated whenever touching the (Rapid Freezing) button.
- The arrow mark graphic continues to turn on after blinking 4 times when selecting "On" of the rapid freezing.
- The button automatically turns off when a constant time has passed after turning it on.
- Rapid freezing time may differ depending on the status of the freezing room or the type or status of foods included in the rapid freezing room partition.



## Lock

### *Use when interrupting operation of other button.*

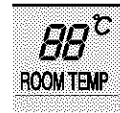
- "Lock", "Release" is repeated whenever touching the (Lock/Release) button.
- This function does not operate ever if touching other buttons.



## 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 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.

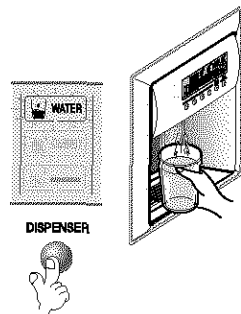
## How to use dispenser

- 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.

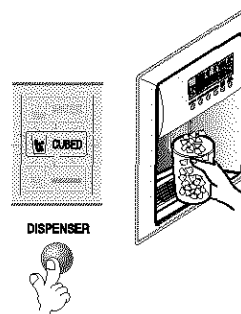
- Water will be dispensed by pressing the push switch with a glass.



### Crushed ice

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

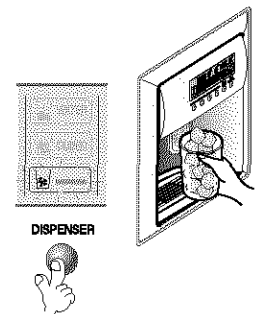
- Crushed ice will be dispensed by pressing the push switch with a glass.




### Cubed ice

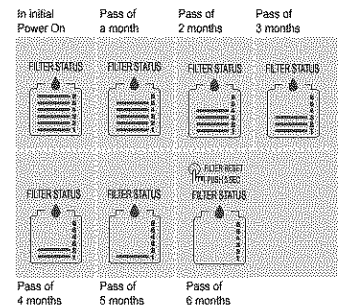
Light the cubed ice indicating lamp by pressing the selection button.

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



## Filter Status Display Function

- Remaining filter replacement period is displayed as in the below figure per month from the power application of refrigerator.
- Text and graphic called as  on the filter status text of LCD if 6 months have passed.
- Return to the initial Power On status by touching the filter replace button for more than 3 seconds to after replacing filters when 6 months have passed or if desiring to reset the filter display status.



## Cautions

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

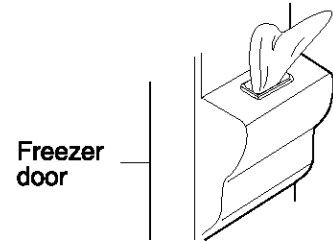
The first ice and water may include particles or odor from the feed water pipe or feed water box. This is necessary in case that the refrigerator has not been used for a long time.

### **Keep children away from the dispenser.**

Children may push switch incorrectly and 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.

### **Never remove the ice maker cover.**

### **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.

### **Please don't stain the area near to door switch with any sweet food so that ants can't interrupt the normal operation of door switch.**

For more details, see the screen guide.

## Use To Screen

Do not scrub the screen with a knife or auger with a sharp end.

Pressing the screen too strongly may damage LCD screen.

It is better write by using a touch pen for more clarity.

- The touch pen is attached to the right side of the screen.
- Push the frame of the screen with hands in order to close the screen at its own place after using it if pulling the screen out.

### Caution!

Catching and pushing the bottom handle of the screen may result in danger.

Pressing any place of the screen returns to the main screen with the screen off when it becomes the power saving status.

For more details, Refer to screen guide.

Operate the screen again when any problem occurs in using it.

- Open the door of refrigerator and touch the reset button on it once.
- Contents stored do not disappear even if operating the screen program again.

## Use To Remote Control

### Caution!

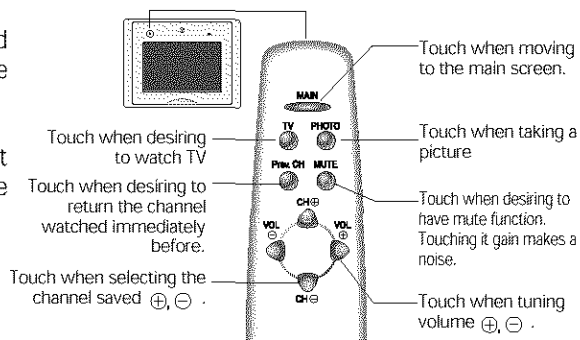
- Avoid a place around a furnace or disclosed to much moisture as the remote control is composed of a precise electronic structure.
- Take care since a strong shock may result in failure.
- It will not properly operate in general TV.
- Do not use cells other than dedicated ones.
- Do not use both new cells and old cells together. Otherwise, it may cause fire or electrical shock due to rupture of cells, leakage liquid.
- In case of inserting cells into a device, insert them as indicated considering polar indication (+/- direction). Otherwise, it may cause fire, damage or stains of neighboring due to rupture of cells, leakage liquid.
- In case of pull out cells used for the device, exercise caution so that the child should not swallow them.
- Place cells at a place where child's hands shall not touch with them. If the child swallow them, please consult the doctor immediately.

### Function of Remote Control

Press a place to receive signal from the remote control in the front of the monitor when using the monitor.

- You can easily select channel and control volume by using the remote control.

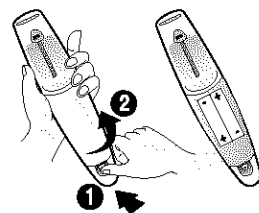
- Make sure no obstacles exist between remote control and the front receipt part.



### Method to Change Cell

Press a place to receive signal from the remote control in the front of the monitor.

- Get rid of the lid pressing it toward No.1 and then lifting it up toward No.2.
- Replace the cell to the (+), (-) direction inside of the remote control and then close the lid.
- By using a 1.5V (AAA type) type of 2 cells, replace old cells with new ones.
- The life cycle of a cell is about a year and may become short depending on frequency of its use.
- Take the cells out when not using the remote control for a long time as liquid of them flows out to cause failure.





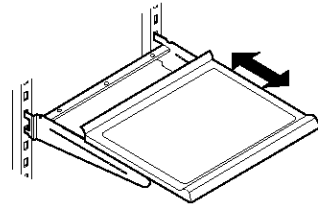
**Slide type tempered glass shelf (In select models only)**

**Attachable wine corner (In select models only)**

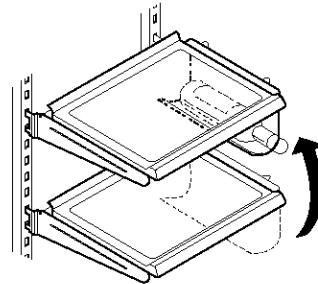
**Shelf height adjustment**

## Shelf

Slide type shelf allows you to place or take food out or put it in more conveniently.

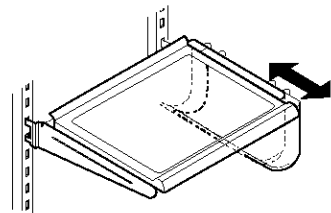


Bottles can be stored laterally with this wine corner. This can be attached to any shelf.



### Wine holder adjustment :

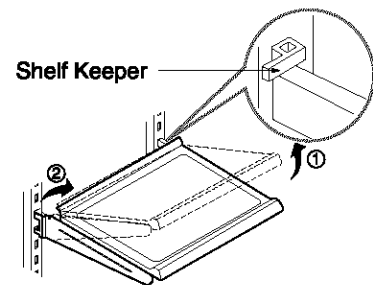
Wine holder can be separated by pulling it straight out and installed by placing it at the end of the shelf you want and pushing it inward.



The Refrigerator compartment shelf is movable so that you can place it at a proper height according to the space you need for different food items..

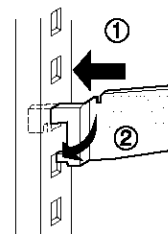
### How to separate a shelf :

At delivery, shelves are fixed with keepers so that they cannot be moved during distribution. So, remove keepers first, lift the shelf up (①), and then separate it pushing it down (②).



### How to install a shelf :

Position the shelf at the desired height and hang its links on the grooves. This time, lower the front side of the shelf and hang it on the grooves.

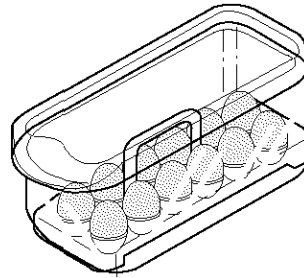


### NOTE

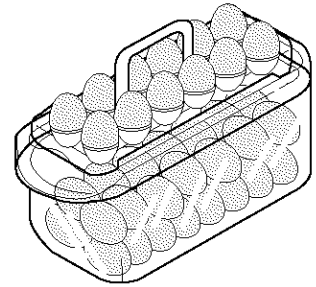
- Make the shelf horizontal. Otherwise it may fall off.

## Egg Box

You can move the egg box to a place you want and select another form of box according to the amount of eggs.



[Normal]



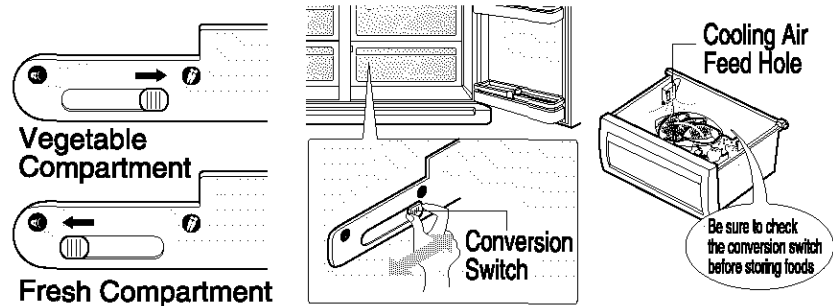
[For Many Eggs]

### NOTE

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

## Convert into a Vegetable or Fresh compartment

- The Bottom drawer in the refrigerator can be converted into a vegetable or fresh compartment



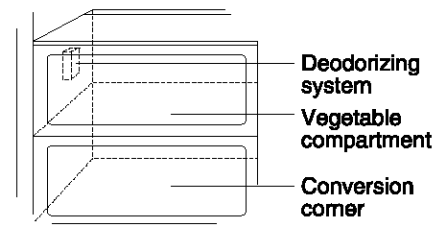
The Fresh compartment maintains the temperature at a lower point than the refrigerator compartment so that meat or fish can be stored fresh longer.

### NOTE

- Vegetables or fruits are frozen if the conversion switch is set to fresh compartment. So, be sure to check it before storing foods.
- If possible, do not place food around the cool air feed hole.

## Deodorizer (In select Models Only)

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



### How to use the deodorizing system

- Since it is already installed onto the cool air intake duct from the refrigerator compartment, you need no separate installation.
- Please use closed containers to store food with pungent odors. Otherwise, this odor can be absorbed by other food in the compartment.

# Location of Foods

(Refer to 4pages, Identification of Parts)

## Automatic ice maker

Automatically made ice is stored.

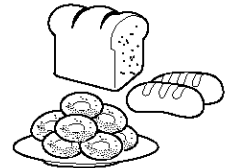


## Wine rack

Store wine.

## Snack Drawer

Store small foods such as bread, snacks, etc.



## Freezer compartment shelf

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



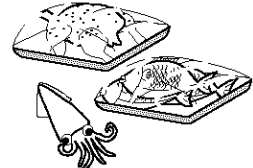
## Freezer compartment door rack

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



## Freezer compartment drawer

- Store meat, fish, chicken, etc. after wrapping them with aluminum.



## Dairy compartment

Store dairy products such as butter, cheese, etc.



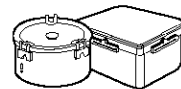
## Egg box

Place this egg box in the proper location.



## Refrigerator compartment shelf

Store side dishes or other foods at a proper distance from each other for effective cooling.



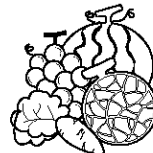
## Refrigerator compartment door rack

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



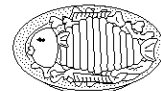
## Vegetable compartment

Store vegetables or fruits.



## Vegetable compartment/fresh compartment conversion corner

Store vegetable, fruits, meat to thaw, fish, etc. setting the conversion switch as necessary. Be sure to check the conversion switch setting before storing foods.



## 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.
- Please keep a distance at least 15 mm from the air vents to food.
- 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.

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

### Refrigerator compartment

- Avoid placing moist food 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, and frequently open the door or put a lot of vegetables in it, moisture may form in it which has no effect on its performance. Just wipe the moisture with a cloth free.

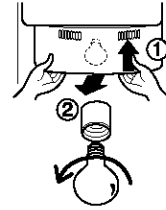
# How to Dismantle Parts

## 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.

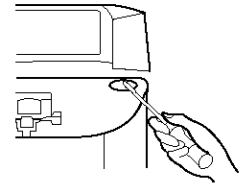
### Freezer compartment lamp

Separate the lamp by pulling it out (②) while slightly lifting the lamp cover (①). Turn the bulb counterclockwise. Max. 60 W bulb for refrigerator is used and can be purchased at a service center.



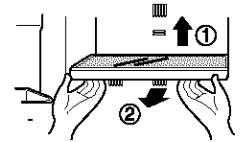
### Dispenser lamp

Max. 15 W bulb for refrigerator is used and can be purchased at a service center.



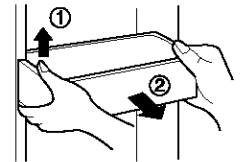
### Freezer compartment shelf

Lift the front side (①) and pull it out (②).



### Door rack and support

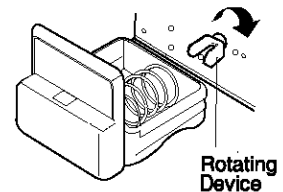
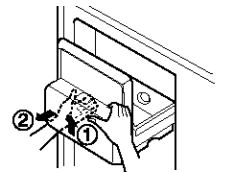
Lift the door rack holding both sides (①) and pull it out to (②) direction.



### Ice storage bin

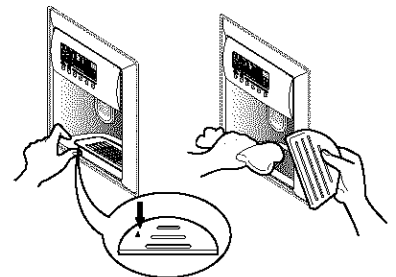
Hold the ice storage bin as shown in the right figure and pull it out (②) while slightly lifting it (①).

- It is recommended not to dismantle the ice storage bin unless it is necessary.
- Be sure to use both hands when removing the ice storage bin, not to drop it on the floor.
- If the ice storage bin does not fit well, slightly rotate the rotating device.



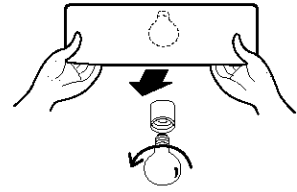
### After dispenser is used

Water collector has no self-drainage function. So it should be cleaned regularly. Remove the cover by pressing the left side of water collector cover and dry it with a cloth. Press the point marked as shown in the figure to the right to remove the water collector cover.



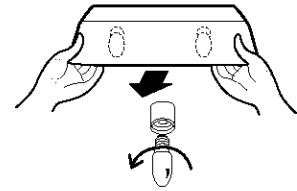
### Upper lamp in refrigerator compartment

To remove the lamp cover, pull the lamp cover forwards while pressing the bottom side of the lamp cover upwards. Turn the bulb counterclockwise. Max. 60 W bulb for refrigerator is used and can be purchased at a service center.



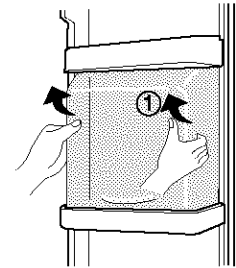
### Lower lamp in refrigerator compartment

Separate the lamp cover by holding both lower sides of it and pulling it forwards. Turn the bulb counterclockwise. Max. 30 W bulb for refrigerator is used and can be purchased at a service center.



### Rack cover

- Separate the upper rack cover and then pull out the rack cover (①).
- The rack cover can be removed by pulling it upwards.

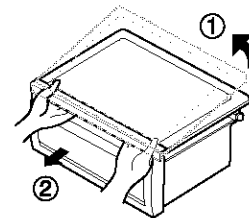


#### NOTE

- Be sure to remove parts on the refrigerator door to remove the vegetable compartment, snack drawer and Rack cover.

### Vegetable compartment cover

- Pull out the vegetable compartment cover (②) with its backside lifted up (①), and the cover can be removed.
- To install the cover, push it fully until it touches the back wall.



## 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 storage. When you plan not to operate, keep it running remove all food, disconnect the power cord, clean the interior thoroughly, and leave each door OPEN to prevent odor formation.
- Power failure** Most power failures are corrected in an hour or two will not affect your refrigerator temperatures. However, you should minimize the number of door openings while the power is off. During power failures of longer duration, place a block of dry ice on top of your frozen packages.
- If you move** Remove or securely fasten down all loose items inside the refrigerator. To avoid damaging the 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 air 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 left uncleaned.

- 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 with 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 outlet is not overheated, or power plug is inserted well into the power outlet.
- 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>Normal Operations Refrigerator</b>         |   |  |
| <b>Refrigerator compressor does not run.</b>  | Refrigerator control is off.  | Set refrigerator control.  |
|   | 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.   |
|   | 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 a few hours for the refrigerator to come down to room temperature completely.   |
|   | Automatic ice maker is operating.   | Operation of the ice maker causes the refrigerator to run slightly longer.   |
|   | 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 more. 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 the 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 the refrigerator to run longer in order to maintain desired temperatures.  |

| Occurrence  | Possible Cause  | Solution   |
|---|---|--|
| <b>Refrigerator compressor does not run.</b>  | Thermostat is keeping the refrigerator at a constant temperature.   | This is normal. The Refrigerator goes on and off to keep the temperature constant.   |
| <b>Temperatures are too cold</b>  |   |  |
| <b>Temperature in the freezer is too cold but 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 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.   |
| <b>Temperatures are too warm</b>  |   |  |
| <b>Temperatures in the refrigerator or freezer are too warm.</b>                                | 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 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 but 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. The sound will level off as the 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 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.   |
| <b>Water/Moisture /Ice Inside Refrigerator</b>                             |   |   |
| <b>Moisture collects on the inside walls of the refrigerator.</b>          | 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.   |
| <b>Water/Moisture/Ice Outside Refrigerator</b>                             |   |   |
| <b>Moisture forms on the outside of the 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.   |

| Occurrence                              | Possible Cause  | Solution   |
|---|---|--|
| <b>Odors in Refrigerator</b>            | 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.  |
| <b>Opening/Closing of Doors/Drawers</b> |   |  |
| <b>Door(s) will not close.</b>          | Food package is keeping door open.  | Move packages that keep door from closing.   |
| <b>Door(s) will not close.</b>          | 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..  |
| <b>Drawers are difficult to move.</b>   | 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.  |
| <b>Dispenser</b>                        |   |  |
| <b>Dispenser will not dispense ice</b>  | 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   |
|--|--|--|
| <b>Dispenser will not dispense ice.</b>    | 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. |
| <b>Ice dispenser is jammed.</b>            | 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.  |
| <b>Dispenser will not dispense water.</b>  | 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.   |
| <b>Water has an odd taste and/or odor.</b> | 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.  |
| <b>Sound of ice dropping</b>               | This sound is normally made when automatically made ice is dropped into ice storage bin. Volume may vary according to refrigerator's location. |  |
| <b>Sound of water supply</b>               | This sound is normally made when ice maker is supplied with water after dropping the automatically made ice.                                   |  |
| <b>Other</b>                               | Please thoroughly read 'Automatic ice maker and Dispenser' in this manual.   |  |







## **LG Electronics Inc.**

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