REFRIGERATOR-FREEZER

OWNER'S MANUAL

PLEASE
READ THIS OWNER'S MANUAL THOROUGHLY
BEFORE OPERATING AND KEEP IT HANDY
FOR REFERENCE AT ALL TIMES.

CONTENTS

BS PLUG SAFETY DETAILS 3

INSTALLATION 4

INNER PARTS 5

OPERATIONS 6

Starting

Temperature control

Icebeam door cooling

Ice Making

Fresh Meat

Defrosting

Deodorizer(Optional)

F.I.R Lamp(Option)

SUGGESTIONS ON FOOD STORAGE 10

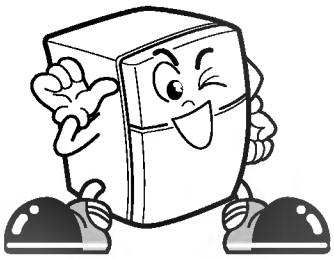
CLEANING 11

GENERAL INFORMATION 11

LAMP REPLACEMENT 12

IMPORTANT WARNINGS 12

BEFORE CALLING FOR SERVICE 13



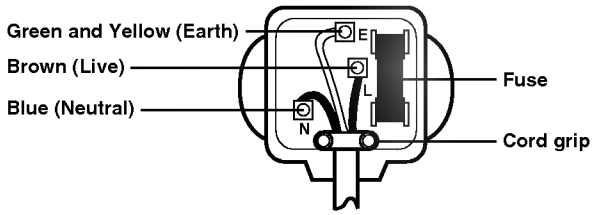
BS PLUG SAFETY DETAILS

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( ) 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.

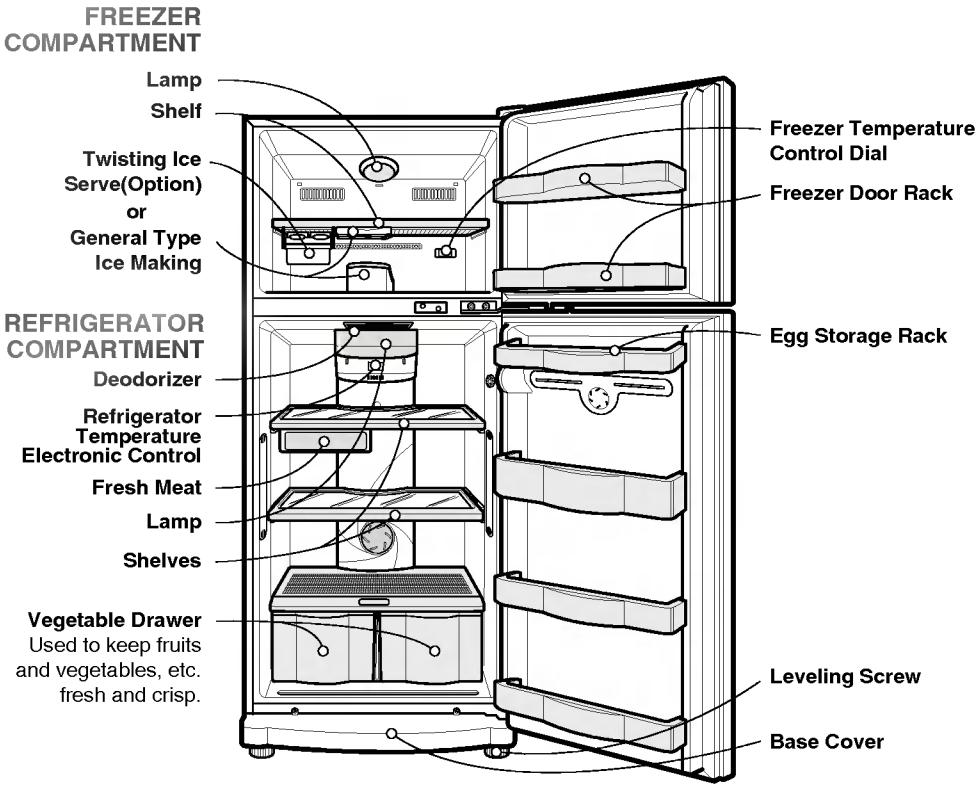
If a 13 amp(BS 1363) plug is used, fit a 13 amp BS 1362 fuse.

THIS REFRIGERATOR IS MANUFACTURED WITH GREAT CARE, AND UTILIZES THE LATEST IN TECHNOLOGY.
WE ARE CONFIDENT THAT YOU WILL BE FULLY SATISFIED WITH IT'S PERFORMANCE AND RELIABILITY.
BEFORE YOU START YOUR REFRIGERATOR, PLEASE READ THIS BOOKLET CAREFULLY.
IT PROVIDES EXACT INSTRUCTIONS FOR INSTALLATION, OPERATION AND MAINTENANCE, AND ALSO SUPPLIES SOME USEFUL HINTS.

1. Select a good location.
   Place your refrigerator where it is easy to use.
2. Avoid placing the unit near heat sources, direct sunlight or moisture.
3. There must be proper air circulation around your refrigerator to keep it operating efficiently.
   If your refrigerator is placed in a recessed area in the wall, allow at least 10 inches or greater clearance above the refrigerator and 2 inches or more from the wall.
   The refrigerator should be elevated 1 inch from the floor, especially if it is carpeted.
4. To avoid vibrations, the unit must be level.
   If required, adjust the leveling screws to compensate for unevenness of the floor.
   The front should be slightly higher than the rear to aid in door closing.
   Leveling screws can be turned easily by tipping the cabinet slightly.
   Turn the leveling screws clockwise( ) to raise the unit, counterclockwise( ) to lower it.
5. Don't install this appliance below 5 °C. It may cause the debasement of the refrigerator.

NEXT

1. Clean your refrigerator thoroughly and wipe off all dust accumulated during shipping.
2. Install accessories such as ice cube box, etc., in their proper places.They are packed together to prevent possible damage during shipment.
3. You have a model with bar-type handle, assemble the handle according to instruction card.
4. Connect the power supply cord (or plug) to the outlet. Don't double up with other appliances on the same outlet.
5. Prior to storing food, leave your refrigerator on for 2 or 3 hours.
   Check the flow of cold air in the freezer compartment to ensure proper cooling.
   Your refrigerator is now ready for use.



- If you find out some parts which are not in your unit, the parts are applied to other models.

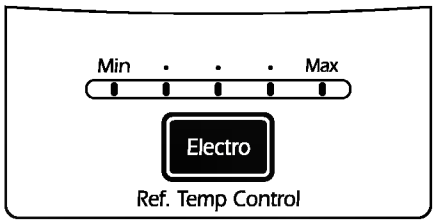
STARTING

When your refrigerator is first installed, allow it 2-3 hours to stabilize at normal operating temperatures prior to filling it with fresh or frozen foods.

If operation is interrupted, wait 5 minutes before restarting.

TEMPERATURE CONTROL

❏ REFRIGERATOR



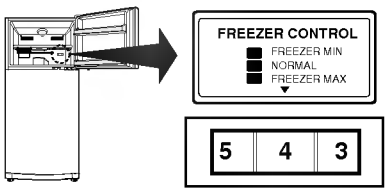
The default setting of the temperature control button for the refrigerator compartment is **NORMAL**.

You can set the refrigerator temperature using the **Refrigerator Temperature Control**.
Whenever pressing the button, the **LED** emit light.

The temperature of the compartment goes down as the **LED** luminesce from **MIN** to **MAX**.

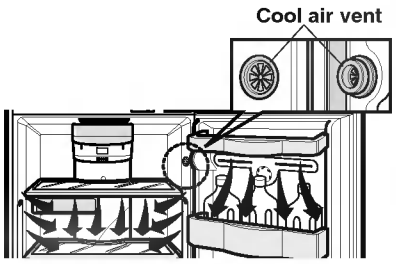
You can select the desired set point in five (5) steps between minimum and maximum.

❏ FREEZER



- The higher number the control setting is, the lower the temperature of the Freezer compartment becomes.
- Since the temperature of the refrigerator and freezer compartments is controlled with a fixed amount of cooled air, the refrigerator compartment will be warmer if the freezer compartment becomes colder.
- When the freezer compartment is not cold enough in winter, adjust the control for the freezer to High (5~7).
- Setting the Freezer Knob at ⊡⊡ will satisfy 4 STAR. Setting the Freezer Knob at NORMAL will have sufficient freezing effect, so it is recommended to set the Knob at NORMAL.

ICEBEAM DOOR COOLING

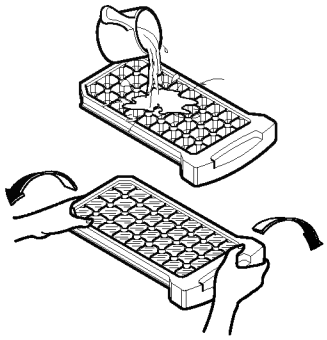


- To provide cool air everywhere, there are cool air vents placed on the four sides.
- Refrigerator provides cool air everywhere and the cooling fan makes cooling effects better when you newly put food, as a result the cooling time is shortened.
- If water of foreign substances enter the cool air vent while cleaning, efficiency will be lowered. In addition, if gasket is damaged, efficiency may be lowered owing to the escape of cool air.

ICE MAKING

Determine which type ice-making system you have.

General Type

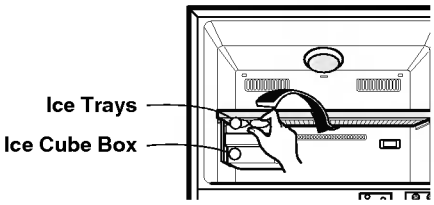


- To make ice cubes, fill the ice tray with water and place it in the freezer.
- To remove ice cubes, hold the tray at its ends and twist gently.

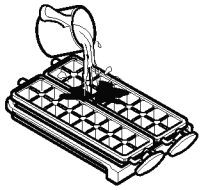


- To remove ice cubes easily, run water on the tray before twisting.

Twisting Ice Serve Type



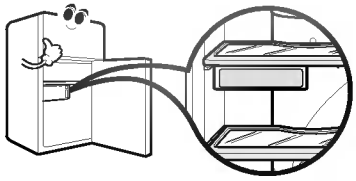
- To make ice cubes, fill the ice tray with water and insert in its position.



- To remove ice cubes, hold the knob of the tray and turn gently. Then, ice cubes drop in the ice cube box.

FRESH MEAT

- When the door is opened, the warmer air don't influence in the fresh meat. So you can store food more fresh in it.
- The shelf and inserted fresh meat must be placed at its position. If it is moved, the fresh meat can't fill the role of it.

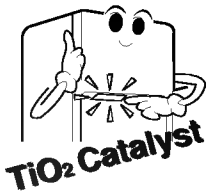


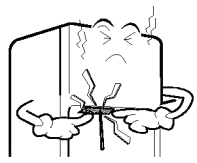
DEFROSTING

- Defrosting takes place automatically.
- The defrosted water flows down to the evaporating tray which located in the lower back side of the refrigerator and is evaporated automatically.

DEODORIZER(OPTIONAL)

- By using an "TiO_2 catalyst," deodorizing performance is guaranteed.
- Unpleasant odor of food in fresh food compartment is deodorized with no harm to you and the food.



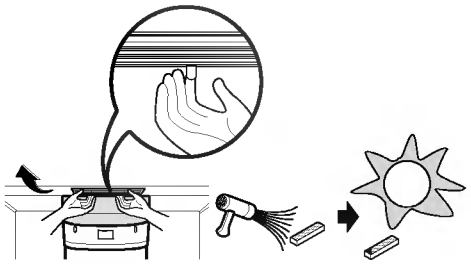


How to use

- As the catalyst is located in cooling air outlet for circulating air in fresh food compartment, there is no need for any handling.
- Do not prick the cooling air outlet with a sharp tip because the deodorizing catalyst may be damaged.
- When storing food with a strong odor, wrap it or store it in a container with a lid because odor may be passed on to other foods.

Re-Using of the catalyst

- Used some length and the odor is strong, the catalyst can be revived and re-used.
  Separate deodorizer in ceiling of refrigerator compartment, dry using hair drier to remove moisture or malodor and oxidize under sunlight to decomposing malodor by ultraviolet.

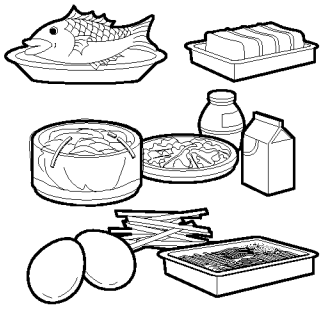


F.I.R LAMP(OPTION)

Feature

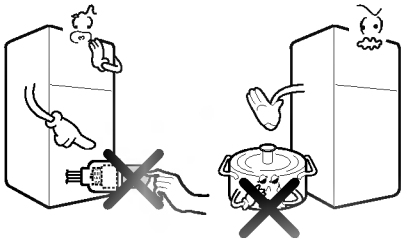
- Far Infrared Rays emitted from Far Infrared Ray Lamp restrains the dryness of the foods and keeps its original form without transforming.
- By increasing the nucleic acid, Far Infrared Rays also keeps the aroma and the smell of the food for a long time.

More effective food storage.



- It is useful to store the food without seasoning such as salt or sugar, and the food needed to keep as low temperature with the raw food uncooked heating or no disinfecting.
  - (Sliced) : Raw Fish, Meat, Poultry and so on
- It is useful to keep the original taste of the food by F.I.R's the restraining excessive fermentation and overripe of the foods.
  - Vegetable with spices, Yogurt, and so on
- It is useful to store the unsuited foods in the Freezer among the cooked foods or that go bad easily.
  - Boiled Egg, Bamboo Shoots, Vegetable for seasoning, and so on

Operating



- When the refrigerator begins to operate, F.I.R Lamp turns on. During the refrigerator's operating, the on and off of the F. I. R Lamp is automatically controlled by the refrigerator inner temperature.
  Therefore it is not necessary to handle F.I.R Lamp.
- F.I.R Lamp is coated with special materials for the vest results of F.I.R Lamp's effect decreases.
- If F.I.R Lamp is veiled or covered, the F.I.R Lamp's effect decreases.
- If you store the foods wrapped in the vinyl or wrapper, not in the vessel with lid, the foods will get more effective F.I.R results.
- If you want to check the F.I.R Lamp operation, don't touch F.I.R Lamp because you may burn your fingers with the high temperature of its surface.

- During F.I.R Lamp operation, don't touch F.I.R Lamp because you may burn your fingers with the high temperature of its surface.

SUGGESTIONS ON FOOD STORAGE

STORING FOOD

- Store fresh food in the refrigerator compartment. How food is frozen and thawed is an important factor in maintaining its freshness and flavor.
- Do not store food which goes bad easily at low temperatures, such as bananas, pineapples, and melons.
- Allow hot food to cool prior to storing. Placing hot food in the refrigerator could spoil other food, and lead to higher electric bills!
- When storing the food, cover it with vinyl wrap or store in a container with a lid. This prevents moisture from evaporating, and helps food to keep its taste and nutrients.
- Do not block air vents with food. Smooth circulation of chilled air keeps refrigerator temperatures even.
- Do not open the door frequently. Opening the door lets warm air enter the refrigerator, and cause temperatures to rise.

FREEZER COMPARTMENT

- Do not store bottles in the freezer compartment - they may break when frozen.
- Do not refreeze food that has been thawed. This causes loss of taste and nutrition.
- When storing frozen food like ice cream for a long period, place it on the freezer shelf, not in the door rack.

REFRIGERATOR COMPARTMENT

- Avoid placing moist food deep inside 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 clean, to prevent adjacent food from spoiling.
- When storing eggs in their storage rack, ensure that they are fresh, and always store them in a up-right position, which keeps them fresh longer.

It is important that you refrigerator be kept clean to prevent undesirable odors. Spilled food should be wipe up immediately, since it may acidify and stain plastic surfaces if allowed to settle.

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

Before you clean, however, remember that damp objects will stick or adhere to extremely cold surfaces. Do not touch frozen surfaces with wet or damp hands.

EXTERIOR - Use a lukewarm solution of mild soap or dish washable solution to clean the durable finish of your refrigerator. Wipe with a clean, damp cloth and then dry.

INTERIOR - Regular cleaning of the interior and interior parts is recommended. Use a lukewarm solution of mild soap or dish washable solution to clean the durable finish of your refrigerator. Wipe with a clean, damp cloth and then dry.

INTERIOR PARTS - Wash compartment shelves, door racks, storage trays and magnetic door seals etc. Use a lukewarm solution of mild soap or dish washable solution to clean the durable finish of your refrigerator. Wipe with a clean, damp cloth and then dry.

WARNING

Always remove power cord from the wall outlet prior to cleaning in the vicinity of electrical parts(lamps, switches, controls, etc.). Wipe up excess moisture with a sponge or cloth to prevent water or liquid from getting into any electrical part and causing electric shock. Do not use flammable or toxic cleaning liquids.

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

VACATION TIME

During average length vacations, you will probably find it best to leave the refrigerator in operation. Place freezable items in freezer for longer life. When you plan to be away for an extended period, remove all food, disconnect the power cord, clean the interior thoroughly, and leave each door OPEN to prevent odor formation.

POWER FAILURE

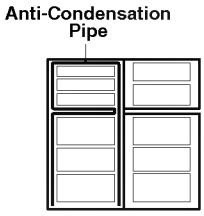
Most power failures are corrected in an hour or two and will not affect your refrigerator temperatures. However, you should minimize the number of door openings while the power is off. During power failures of longer duration, place a block of dry ice on top of your frozen packages.

IF YOU MOVE

Remove or securely fasten down all loose items inside the refrigerator.
To avoid damaging the leveling screw(s), turn them all the way into the base.

ANTI-CONDENSATION PIPE

The outside wall of the refrigerator cabinet may sometimes get warm, especially just after installation.
Don't be alarmed.
This is due to the anti-condensation pipe, which pumps hot refrigerant to prevent "sweating" on the outer cabinet wall.



FREEZER LAMP

To remove the lamp shield inside the freezer compartment, reach behind the shield and pull it forward as shown in the figure on the right.



REFRIGERATOR LAMP

To remove the lamp shield inside the refrigerator compartment, pull it down while pressing the triangular area with your thumb and pull it forward as shown in the figure on the right.



DO NOT USE AN EXTENSION CORD

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.

ACCESSIBILITY OF SUPPLY PLUG

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

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.

VERY DANGEROUS ATTRACTION

An empty refrigerator can be a dangerous attraction to children. Remove either gaskets, latches, lids or the entire door from your unused appliance, or take some other action to make it harmless.

ABOUT GROUNDING (EARTHING)

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

In order to prevent possible electric shock, this appliance must be grounded.

Improper use of the grounding plug can result in an electric shock. Consult a qualified electrician or service person if the grounding instructions are not completely understood, or if you have doubts on whether the appliance is properly grounded.

This appliance must be grounded (earthed).

DON'T WAIT! DO IT NOW!

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

SERVICE CALLS CAN OFTEN BE AVOIDED!
IF YOU FEEL YOUR REFRIGERATOR IS NOT OPERATING PROPERLY, CHECK THESE POSSIBLE CAUSES FIRST :

PROBLEM	POSSIBLE CAUSES
REFRIGERATOR DOES NOT OPERATE	• Has a house fuse blown or circuit breaker tripped? • Has the power cord plug been removed or loosened from the electrical wall outlet?
REFRIGERATOR OR FREEZER COMPARTMENT TEMPERATURE TOO WARM	• Temperature control not set on proper position. • Appliance is placed close to wall or heat source. • Warm weather-frequent door openings. • Door left open for a long time. • Large amount of foods are kept in the refrigerator.
ABNORMAL NOISE(S)	• Refrigerator is installed in a weak or uneven place, or leveling screw needs adjusting. • Unnecessary objects placed in the back side of the refrigerator.
REFRIGERATOR HAS ODOR	• Foods with strong odors should be tightly covered or wrapped. • Interior needs cleaning.
DEW FORMS ON THE CABINET SURFACE	• Not unusual during periods of high humidity. • Door may have been left ajar.

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