LG
Life's Good

ENGLISH

OWNER'S MANUAL

REFRIGERATOR

Please read this manual carefully before operating your set and retain it for future reference

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www.lg.com

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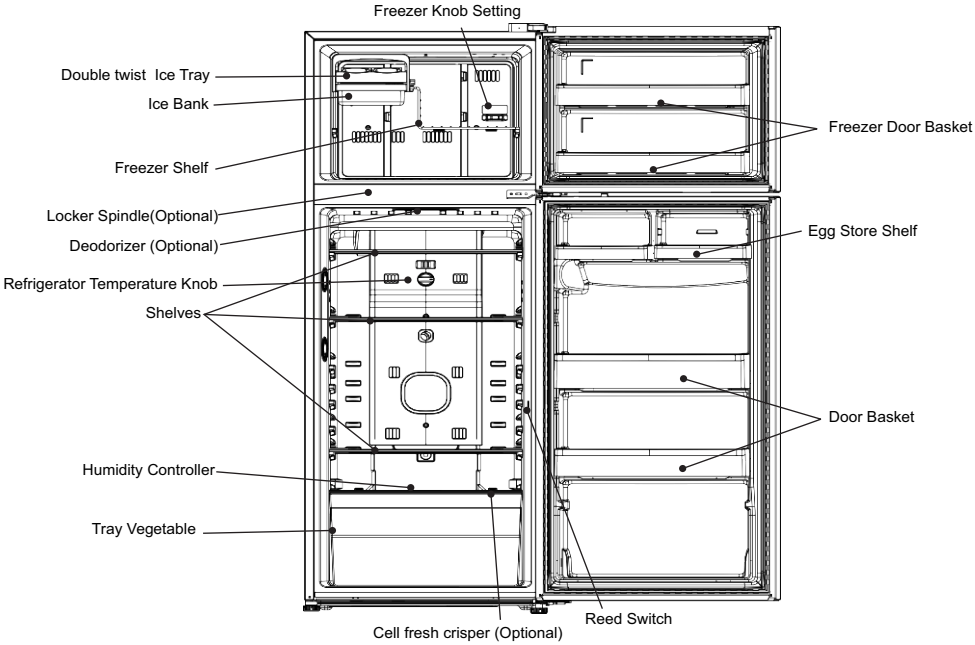
CONTENTS

Page No.

1. Identification of parts 3
2. Important Safety Information 4
3. Warning 4-7
4. Caution 8
5. Installation 8
6. Features 9-10
7. Operations..... 10
8. Identification of Control 11
9. Operating Procedure 11
10. Disposal of Your Old Appliance 12
11. LED Replacement 12
12. Suggestions on Food Storage 12-14
13. Suggestions 14
14. Before Calling for Service 15

Identification of Parts



NOTE

- Due to continuous improvements at LG, specifications of refrigerator are subject to change without prior notice.
- If you find out some parts which are not in your unit, the parts are applied to other models.
- Except during transportation & maintenance, the shelves must be considered as fixed when in normal use.

Important Safety Information

BASIC SAFETY PRECAUTIONS

This guide contains many important safety messages. Always read and obey all safety messages.

This is the safety alert symbol. It alerts you to safety messages that inform you of hazards that may kill or hurt you or others or cause damage to the product. All safety messages will be preceded by the safety alert symbol and the hazard signal word DANGER, WARNING or CAUTION. These words mean:

DANGER	You will be killed or seriously injured if you don't follow instructions.
WARNING	You can be hurt or seriously injured if you don't follow instructions.
CAUTION	Indicates an imminently hazardous situation which, if not avoided, may result in minor or moderate injury, or product damage only.

All safety messages will identify the hazard, tell you how to reduce the chance of injury, and tell you what can happen if the instructions are not followed.

Risk of Fire and Flammable Materials

This symbol alerts you to flammable materials that can ignite and cause a fire if you do not take care.

- This appliance contains a small amount of isobutane refrigerant (R600a), but it is also combustible, When transporting and installing the appliance, care should be taken to ensure that no parts of the refrigerating circuit are damaged.
- If a leak is detected, avoid any naked flames or potential sources of ignition and air the room in which the appliance is standing for several minutes. In order to avoid the creation of a flammable gas air mixture if a leak in the refrigerating circuit occurs, the size of the room in which the appliance is used should correspond to the amount of refrigerant used. The room must be 1m² in size for every 8g of R600a refrigerant inside the appliance
- When positioning the appliance, ensure the supply cord is not trapped or damaged.
- Do not locate multiple portable socket-outlets or portable power supplies at the rear of the appliance.

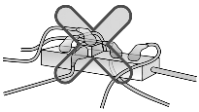
WARNING

To reduce the risk of fire, electric shock, or injury to persons when using your product, basic safety precautions should be followed, including the following.
Read all instructions before using this appliance.

1. When connecting the power

The dedicated outlet should be used.

Using several devices at one outlet may cause fire.

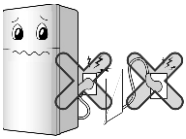


Power supply cord should not be bent or pressed under heavy object.

It may damage the power cord to cause fire or electric shock.

Do not allow the power cord to face upward or to be squeezed at the back of the refrigerator.

Water may be flown into or the plug may be damaged, which causes fire or electric shock.



Do not extend or modify the length of the power supply cord.

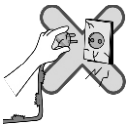
It causes electric shock or fire by the electric damage of the power cord or others.

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

Dust, water or unstable connection may fire or electric shock.

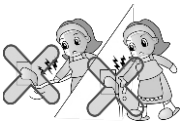
When the power cord or the power plug is damaged or the holes of the outlet are loosen, do not use them.

It may cause electric shock or short circuit to make fire.



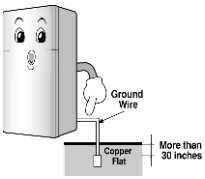
Do not pull out the cord or touch the power plug with wet hands.

It may cause electric shock or injury.



Make sure of grounding.

The incorrect grounding may cause breakdown and electric shock.



2. When using the refrigerator

Do not place the heavy object or the dangerous object (container with liquid) on the refrigerator.

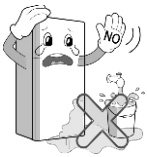
It may be dropped to cause injury, fire or electric shock when opening or closing the door.

Do not cling to the door or the shelves of the door or the home bar of the freezer or the cool chamber.

It may make the refrigerator fallen down or damage the hands. Especially, do not allow the children to do the above.

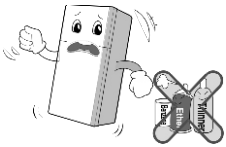
Do not install the refrigerator in the wet place or the place which water or rain splashes.

Deterioration of insulation of electric parts may cause electric leakage.



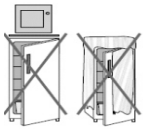
Do not use or store inflammable materials ether, benzene, alcohol, medicine, LP gas spray or cosmetic near or in the refrigerator.

It may cause explosion or fire.



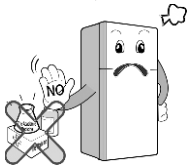
Do not keep any other electrical appliance on top and inside of refrigerator such as TV, Cooler, Temple, Decoration Lighting, Harmful Chemicals, Cloth Top etc.

It may cause explosion or fire.



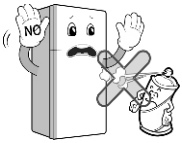
Do not store the medicine or the academic materials in the refrigerator.

When the material with the strict temperature control is stored, it may be deteriorated or it may make an unexpected reaction to cause any risk.



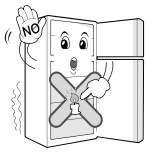
Do not use the combustible spray near the refrigerator.

It may cause fire.



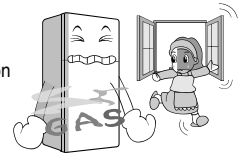
Do not place the lit candle on top and inside refrigerator to deodorize.

It may cause explosion or fire.



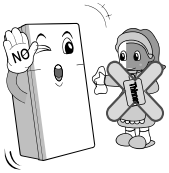
When gas is leaked, do not touch the refrigerator or the outlet and ventilate the room immediately.

It may cause explosion or fire.



Do not spray water at the outside or the inside of the refrigerator or do not clean it with benzene or thinner.

Deterioration of insulation of electric parts may cause electric shock or fire.

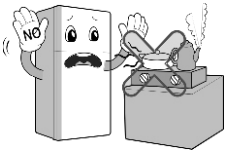


When disposing the refrigerator, remove the door gasket from the door.

It may cause to lock out the child.

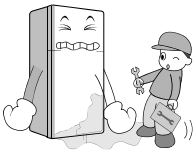
Avoid the heating devices near the refrigerator.

It may cause fire.



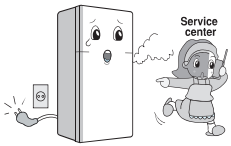
Use the submerged refrigerator after checking it.

It may cause electric shock or fire.



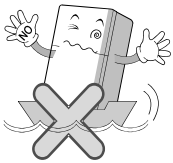
When any strange smell or smoke is detected from the refrigerator, disconnect the power plug immediately and contact to the service center.

It may cause fire.



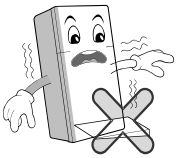
Do not use the refrigerator for non-domestic purpose (storing medicine or testing material, using at the ship, etc.).

It may cause an unexpected risk such as fire, electric shock, deterioration of stored material or chemical reaction.



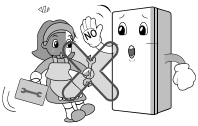
Install the refrigerator on the solid and level floor.

Installing it on the unstable place may cause death by falling down the refrigerator when opening or closing the door.



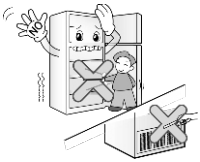
Do not allow any person except the qualified engineer to disassemble, repair or alter the refrigerator.

It may cause injury, electric shock or fire.



Do not insert the hands or the metal stick into the exit of cool air, the cover, the bottom of the refrigerator, the heatproof grill (exhaust hole) at the backside.

It may cause electric shock or injury.



When you want to dispose the refrigerator, contact to the down-block office.

When you want to dispose the large living waste such as electric home appliance and furniture, you should better contact the local down-block office.

- **This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.**
- **Children should be supervised to ensure that they do not play with the appliance.**
- **If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.**
- **This appliance is intended to be used in household and similar applications such as**
  - **staff kitchen areas in shops, offices and other working environment;**
  - **farm houses and by clients in hotels, motels and other residential type environment;**
  - **bed and breakfast type environment;**
  - **catering and similar non-retail applications.**
- **Do not store explosive substances such as aerosol cans with a flammable propellant in this appliance.**
- **Do not use mechanical devices or other means to accelerate the defrosting process, other than those recommended by the manufacturer.**
- **Do not damage the refrigerant circuit.**
- **Do not use electrical appliances inside the food storage compartments of the appliance, unless they are of the type recommended by the manufacturer.**
- **Keep the ventilation openings, in the appliance enclosure or in the built - in structure, clear of obstruction.**
- **For disposal of the product it is required to be handed over to authorized recycler only.**

⚠ CAUTION

Violating this direction may cause injury or damage house or furniture. Please always be careful.

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

It may cause frostbite.

Do not put Glass bottle in the freezer.

It may freeze the contents to break the bottle to cause injury.

Do not put any living animal in the refrigerator.

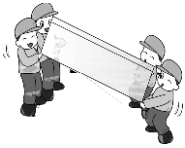
It may cause death of that living animal.

Because opening or closing the door of the refrigerator may cause injury to the person around it. Please be careful.

Opening or closing the door may cause feet or hands to be caught in the chink in door or the child to be get hurt by the corner.

Carry the refrigerator from bottom of the front and the top of the rear.

Otherwise, your hands may be slipped to cause injury.



Wait for 5 minutes or longer when reconnecting the plug.

It may cause the operation of the freezer to fail.

Pull out the power plug not by grasping the cord but the plug of its end.

It may cause electric shock or short circuit to fire.

Do not install the refrigerator in the wet place or the place which water or rain splashes.

Deterioration of insulation of electric parts may cause electric leakage.

Do not insert the hands into the bottom of the refrigerator.

The iron plate of the bottom may cause injury.

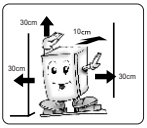
Always remove Gasket when discarding Refrigerator.

Do not move the refrigerator in running condition.

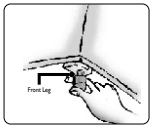
As marked for 2 Star Section, only store Item which need temperature or minimum -12 deg. C of warmer temperature.

Installation

Refrigerator should be located properly in ventilated area.



Levelling of refrigerator should be done with front leg. Refrigerator should be levelled with front to back inclination for base.



Do not install refrigerator where the front surface area is higher than back surface area by 2 deg.

Inverter-On feature (Optional)

Minimum Requirement: UPS / Inverter should be in ON condition having minimum 600 VA capacity along with minimum 120Ah capacity battery connected with the refrigerator's power supply socket.

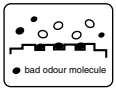
Features

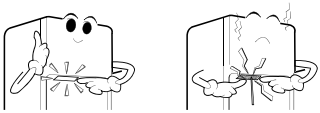
Inverter-On Feature (Optional)

1. While using this feature, the refrigerator will work on basic energy requirement as required by the product.
2. The results of the Inverter-On feature may vary depending on the number of appliances that are running on inverter.
3. For optimum running of refrigerator during Inverter-On Mode,it is recommended to switch off the other appliances which are not in use.
4. It is recommended to confirm the quality of food items before consumption.
5. Ice cream etc. may get soften during the use of this feature. If situation arises so, it is recommended to change the setting as per one's choice.

Deodorizer (Optional)

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



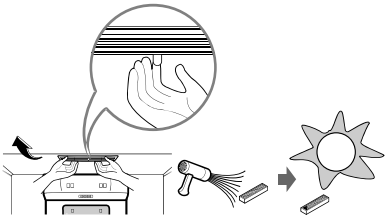


How to use

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

Re-Using of Deodorizer

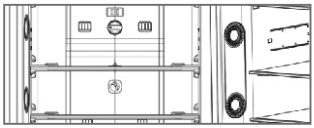
- Keep distance as odour is strong, Deodorizer can be revived and re-used.



- Separate Deodorizer in ceiling of refrigerator compartment, using hair drier to remove moisture or odour and oxidize under sunlight to decomposing odour by ultraviolet rays.
- Don't try to remove the deodorizer cover, as you may break the catalyst.

Door Cooling+ (Optional)

- Cool air vent is placed on the refrigerator Inner Case to provide cool air to the Door Shelves.

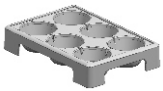


- If foreign substances enter the cool air vent while cleaning, efficiency will be lowered. In addition, if gasket is damaged, efficiency may be lowered due to the escape of cool air. So care should be taken during cleaning.
- For better effectiveness deodorizer is placed on retum path of air in Refrigerator Compartment.

Door Alarm (Optional)

When the door of refrigerator is opened for 1 minute (* 20 Seconds for Evercool Models), an alarm will sound.

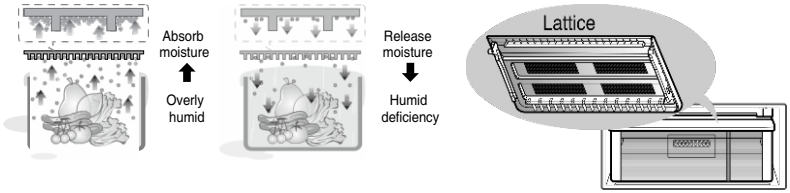
Egg-cum-Ice Tray



It is used for storing the eggs. It can also be used for making the ice.

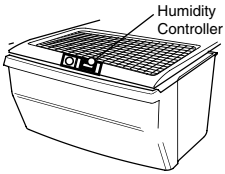
Cell Fresh Crisper

It keeps your vegetables fresh by holding moisture & prevents them from getting rotten.



Humidity Controller

- Humidity Controller is for controlling the humidity inside the vegetable box.



OPERATIONS

STARTING

When your refrigerator first time installed, allow 24 hours for the temperature to stabilize prior to filling it with fresh or frozen foods.

Identification of Control

TEMPERATURE CONTROL (With Knob)

- Refrigerator and Freezer Compartment Temperature is controlled by Refrigerator Temperature Control Knob and Freezer Control Knob respectively.

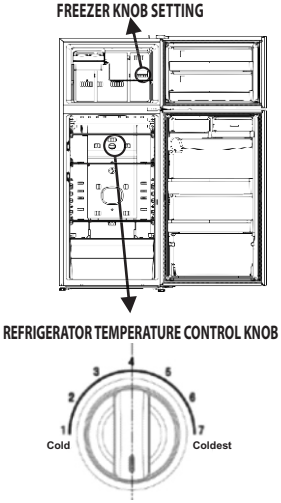
	Model with 1 to 3
FOR LESS COOLING	'1'
NORMAL COOLING	'2'
FOR MORE COOLING	'3'
Best Performance For All Seasons - Set Knob at '2'	

	Model with 1 and 3
FOR LESS COOLING	'1'
NORMAL COOLING	'3'
Best Performance For All Seasons - Set Knob at '3'	

Dots on freezer knob can be used for testing and to control the temperature.

- Initially set the Refrigerator Temperature Control Medium/Normal and the Freezer Temperature Control at Normal.

- Leave it operating for 8 hours to stabilize.



Best Performance For All Seasons Set Knob at '4'

CONTROL EFFECTS

For better use : Please follow the instructions given in the sticker on your product.

Operating Procedure

DEFROSTING

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

LOCKING / UNLOCKING (Optional)

Press & turn the lock with key for locking/ unlocking

Disposal of Your Old Appliance

1. When this crossed-out wheeled bin symbol is attached to a product it means, the product is covered by the European Directive 2002/96/EC.
2. All electrical & electronics products should be disposed off separately from the municipal waste stream via designated collection facilities appointed by the government of local authorities.
3. The correct disposal of your old appliance will help prevent potential negative consequences for the environment and human health.
4. For more detailed information about disposal of your old appliance, please contact your city office, waste disposal service or the shop where you purchased the product.
5. This product contains fluorinated greenhouse gases covered by the Kyoto Protocol.

ICE MAKING

Double Twist Ice Tray

- To make ice cubes, fill the ice tray with water and insert in its position.
- To remove ice cubes, hold the lever of the tray and turn gently. Then, ice cubes drop into the ice cube box.
- Fill the water upto water level mark in the ice tray.

Instruction for Bank Ice

Use Bank Ice Only To Store Ice Cubes. Do not Make Ice In It, As It May Break.

LED Replacement

This product applies LED Lamp which can not be replaced by the user. Please contact authorized service centre for the lamp replacement.

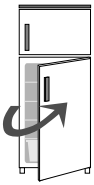
Suggestions on Food Storage

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.

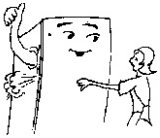
Don't keep hot milk or hot food in your refrigerator. This will result in an increased temperature and increase in power consumption.

Never overload your refrigerator or cover the shelves with paper or plastic sheets as it will reduce its efficiency.

Do not open the door frequently. Opening the door lets warm air enter the refrigerator, and cause temperature to rise.



Close the door properly, make sure that there is no gap between the gasket and the cabinet of your LG refrigerator.

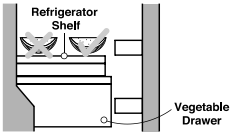


Wipe excessive moisture on food or place it inside containers or plastic bags. This will help in retaining its freshness for a longer period of time.

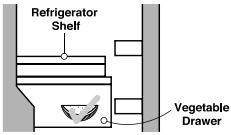
Do not store food which goes bad easily at low temperatures. Such as bananas, pineapples, etc.

Do not store glass bottles in the freezer compartment - they may break when frozen.

Avoid placing moist food on deep interior refrigerator shelves. It could freeze upon direct contact with chilled air. To avoid this it is better to store food in the covered container.

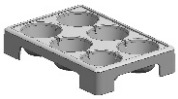


It is desirable to store moist food (especially vegetable and fruit) in the vegetable storage compartment. If it is necessary to store on a shelf of the refrigerator, put it close to the door away from the back wall of the refrigerator to avoid being frozen by the cool circulating in the refrigerator.



Freezer door basket marked ** is two star compartment (temperature -12°C), which is suitable for short term storage of frozen food only

When storing eggs in their storage tray, ensure that they are fresh, and always store them in a upright position, which keeps them fresh longer.



Feel free to call your LG Customer Information Centre (CIC) / Branch / LG Representative in case your refrigerator has suffered a damage in transit.

It is recommended to use Voltage Stabilizer (0.5kVA) if power fluctuations are frequent and out of specified voltage range (100-310V)**, Stabilizer usage increases the refrigerator life.

** As per LG Test Standards.

Suggestions

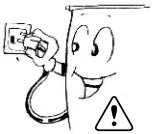
Cleaning

When cleaning the inside or outside of the appliance, do not wipe it with a rough brush, toothpaste, or flammable materials. Do not use cleaning agents containing flammable substances.

- This may cause discoloration or damage to the appliance.
- Flammable substances: alcohol (ethanol, methanol, isopropyl alcohol, isobutyl alcohol, etc.), thinner, bleach, benzene, flammable liquid, abrasive, etc.

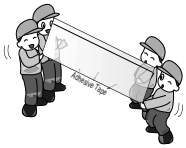
During Vacations

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 odour formation. To operate again, let the refrigerator run for 6-8 hrs. for stabilization.



Shifting

While shifting the refrigerator, four people should carry it for its safety. Fasten the door with tape or lock to prevent opening of the refrigerator.



Before Calling for Service

Check for yourself

Type of Complaint	Probable Cause	Remedy
1. Refrigerator does not work.	–House fuse blown	Call an electrician and get it corrected.
	– Power Supply Off.	Check that the refrigerator main supply plug is connected to the wall socket and that the supply is ON. Check that the fuse is intact in the supply line.
	– Stabilizer not working properly	Please plug power cord of refrigerator directly in the wall socket and then check, if it works then get the stabilizer checked by Stabilizer Repairing Centre.
2. Refrigerator attempts to start, but does not operate.	– Low Voltage.	Install a line-correcting transformer in the mains, or a Voltage Stabilizer.
3. Refrigerator compartment - Low Cooling	– Restriction of cold air circulation.	Provide space in between the dishes. If the shelves are covered with cloth or polythene, remove it.
	– Improper thermostat setting of Freezer Temp.erature Control / Refrigerator Temperature Control.	Set the Refrigerator Temp. Control Knob to colder (Maximum 5 ~7) position. Freezer Temperature Control Knob to be adjusted accordingly.
	– Entry of hot air.	Opening and closing of the doors too often will result in hot air from outside rushing into the refrigerator causing the temperature to go up. Reduce the frequency of opening of the doors.
	– Storing hot foods.	Avoid storing hot foods in the refrigerator, cool them to room temperature before placing them inside the refrigerator.
4. Formation of water drops on exterior of refrigerator.	– High humidity during monsoon season.	During the monsoon, when the humidity in the atmosphere reaches around 90% water droplets may form around the sides of the refrigerator cabinet, especially the top portion. This moisture should be wiped off periodically. Contact our serviceman to check the door seal or proper and uniform contact with the cabinet.
5. Refrigerator Compart-ment — Overcooling	– Incorrect setting of Refrigerator Temperature Control Knob.	Lower the setting (1~3) of Refrigerator Temperature Control Knob to make the Refrigerator Compartment warmer.
6. Smell	– Improper covering and wrapping of food.	Wrap and cover food stuffs properly. Place caps on bottles and other liquid stores.
7. Difficulty in formation of ice and ice-cream.	– Incorrect setting of Freezer Temperature Control Knob.	For faster Ice & Ice-cream formation adjust the Freezer Temperature
	– Bowls used	Use Ice trays for ice making.
8. Noise	– Normal cut-off/cut-in noise	Whenever refrigerator starts & stop there is noise of Thermostat cut-off/ cut-in & Compressor start/stop. This is a normal phenomenon.

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