

# HOW TO INSTALL YOUR REFRIGERATOR



## EASY INSTALLATION

- 1** Do not place the refrigerator in a place with high humidity and heat.
- 2** Place it on a firm and leveled floor.
- 3** There must be suitable air circulation.
- 4** There must be at least 5 cm (2 in) between walls and refrigerator.
- 5** Refrigerator must be elevated 4.5 cm (1.8 in) on the frontal part by adjusting the leveling screws.
- 6** Clean interior and exterior using a soft, damp cloth.
- 7** After installation, you must wait an hour before connecting the equipment.
- 8** Connect the refrigerator to an exclusive (no damaged) power supply.
- 9** Do not remove the earth terminal, it could be dangerous!!!
- 10** Let the refrigerator operate during 2 or 3 hours before introducing food.

PLEASE BE SURE TO READ THIS MANUAL COMPLETELY BEFORE OPERATING THE UNIT.  
KEEP THIS MANUAL ON-HAND FOR FURTHER CONSULTATION.

# USER'S MANUAL

# REFRIGERATOR'S CHARACTERISTICS

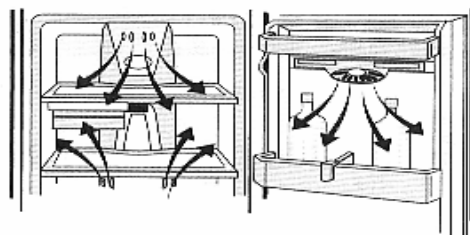


Hi! I will guide you through this manual. I recommend you to read it completely before installing your refrigerator.



1

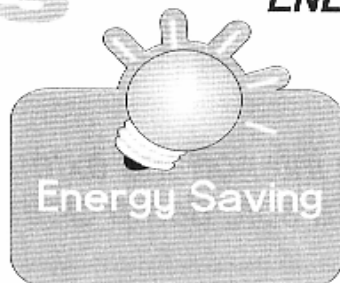
## MULTI AIR FLOW



- Cooling is uniform throughout refrigerator.

3

## ENERGY SAVING



- LG refrigerators have low-energy consumption.

5

## DOUBLE FRESHNESS



- The Door Cooling System\* keeps food fresh.

2

## FRESHNESS FOR MORE TIME



- Keeps fresher the food and the ION particles\* of the Door Cooling and preserve food for more time.

4

## ELECTRONIC CONTROL



- Allows you to operate it fast and accurately.

6

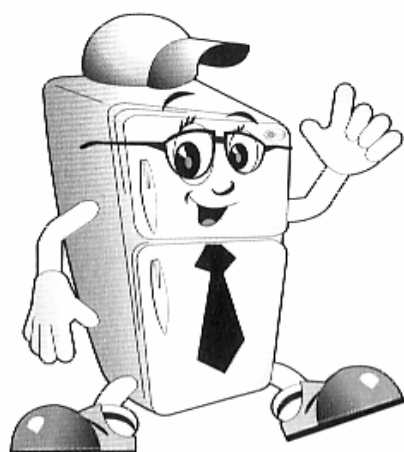
## MAGIC CRISPER



- A cell-made vegetable cover\* keeps vegetables and fruits fresh for long time, with an optimal level of humidity.

**\* NOT AVAILABLE IN ALL MODELS.**

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2 Freshness for more Time	
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6 Magic Crisper	
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**A** FOR YOUR SAFETY, PLEASE FOLLOW UP THESE INDICATIONS AND KEEP THIS MANUAL FOR FURTHER CONSULTATIONS.



WARNING



DON'T DISASSEMBLE



DON'T TOUCH



DISCONNECT






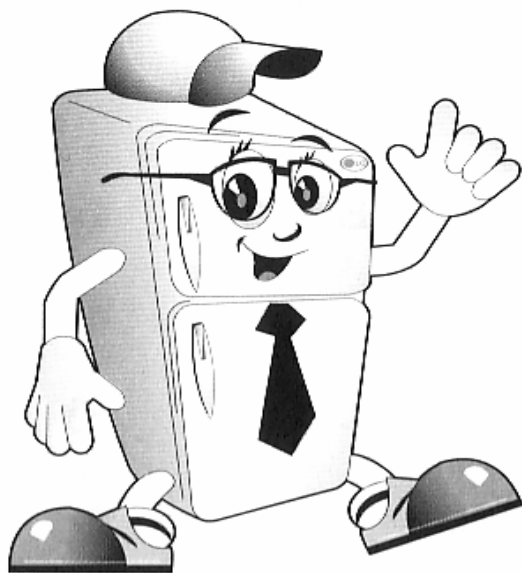
FORBIDDEN



EARTH

**B** THESE SYMBOLS WILL BE USED IN THIS MANUAL FOR THOSE ACTIONS THAT MUST NOT BE MADE.

 <b>DANGER:</b>	You will be killed or seriously injured if you don't follow instructions.
 <b>WARNING:</b>	Improper use of this equipment can result on physical damage and personal injuries.
 <b>ATTENTION:</b>	Improper use and installation of this equipment can result on house damage.



# WHAT YOU NEED TO KNOW ABOUT YOUR REFRIGERATOR

## 1 THE OPERATION PERFORMANCE OF YOUR REFRIGERATOR COULD BE AFFECTED IF:

- It's located in a warm or humid place.
- The doors are opened constantly.
- Water or strange objects are introduced on the cold air outlets.
- Cold air outlets are blocked by food.
- Hot foods are introduced.



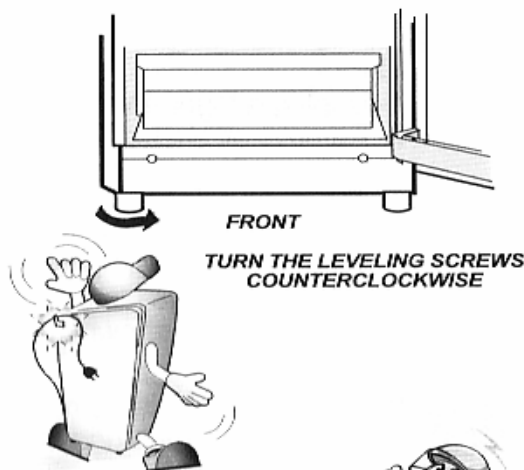
## 2 WHEN YOU ARE ON VACATION, WE RECOMMEND YOU:

- If you take a short vacation period, some food can be stored in the freezer.
  - If your vacation period is longer, please take note on the following recommendations:
- ✓ Remove all the food from the refrigerator
  - ✓ Disconnect the power supply
  - ✓ Clean all interiors
  - ✓ Let the doors open to prevent odor
  - ✓ In the models with water dispenser, empty and clean the water container and don't forget to purge the system (by activating the switch)



## 3 IF YOU ARE THINKING ON MOVING OR CHANGE THE POSITION OF YOUR REFRIGERATOR:

- Hold down or remove all the interior components.
  - To avoid damage on Leveling Screws, they must be tightened up to the base.
  - Place the power cord on the hook located in the upper left corner.
  - In the models with water dispenser, empty and clean the water container and don't forget to purge the system (by activating the switch)
- Now you can move your refrigerator.



# WHAT YOU NEED TO KNOW ABOUT YOUR REFRIGERATOR



## 4 FRONT AREA IS HOT

- Sometimes, the frontal part of the refrigerator's cabinet is hot, specially after installation. This is part of the normal operation to avoid condensation or "sweat".



## REAR AREA IS HOT (Some models)

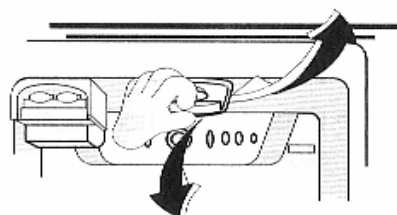
- This is because the pipe system passes throughout this area, and heating is normal during operation.



## 5 LAMP REPLACEMENT:

### • FREEZER LAMP (Some models):

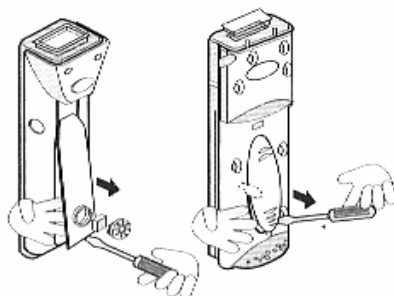
- 1- Unplug refrigerator.
- 2- Remove the lamp cover, by pulling it down from the rear part and then to the front.
- 3- Twist the lamp counterclockwise, remove it, and then replace it with a new one.
- 4- Reassemble the lamp cover by following the inverted order shown in step 2.



### • REFRIGERATOR LAMP : (Identify your type of lamp)

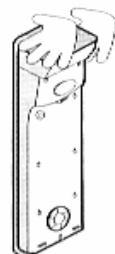
#### Type 1

- 1- Unplug refrigerator.
- 2- Remove all shelves and vegetable tray cover.
- 3- Using your hand or a screwdriver, pull out the lamp cover from the inferior part.
- 4- Twist the lamp counterclockwise, remove it, and then replace it with a new one.
- 5- Reassemble the lamp cover by following the inverted order shown in step 3.



#### Type 2

- 1- Unplug refrigerator.
- 2- Remove all shelves.
- 3- Remove the lamp cover pushing on the center of the piece and take off it with care.
- 4- Twist the lamp counterclockwise, remove it, and then replace it with a new one.
- 5- Reassemble the lamp cover by following the inverted order shown in step 2.



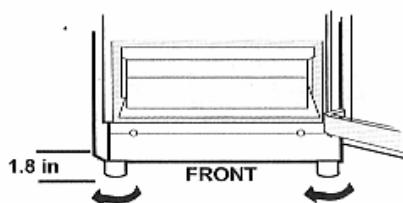
**IMPORTANT:** The lamp must comply with the same specifications as the original.

# How to install your refrigerator

- 1** Choose a place easy to access. **DO NOT** install your refrigerator in a place with high humidity or close to heat sources.



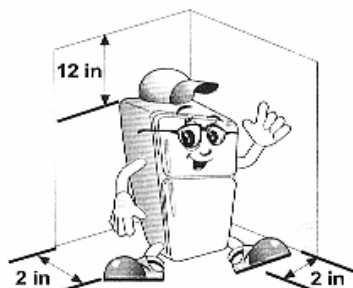
- 3** Refrigerator must be leveled in a firm floor. This will eliminate noise and vibrations.



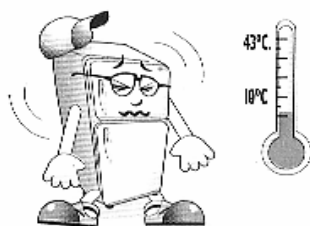
TURN THE LEVELING  
SCREWS TO ADJUST



- 5** For a better operation performance, air circulation must be adequate.



- 7** Refrigerator will operate more efficiently if room temperature is between 10°C (50°F) and 43°C (105°F).



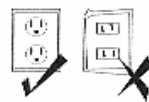
- 2** After installed, wait approximately 1 hour before connecting it to the power source.



- 4** Clean the interior and exterior using a soft, damp cloth.



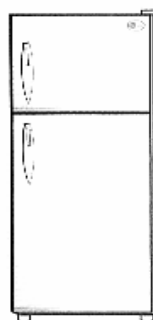
- 6** Connect it to an EXCLUSIVE, no damaged, power source. Be sure that it is well connected to earth. If you don't have the proper installation, call to a qualified person to do it.



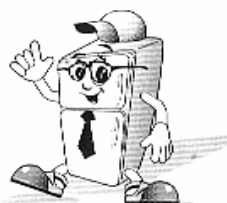
**⚠ DANGER!!! Do not cut the earth terminal!!!**



- 8** Let refrigerator operating for 2 or 3 hours before introducing food.



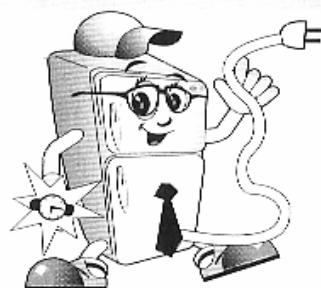
Now your refrigerator is ready to use!!!



## 1 GROUNDING (EARTHING)

Your refrigerator must be grounded to prevent a possible electric shock.

- ! If power is interrupted, allow 5 minutes to pass before restarting.



## 2 SELF DIAGNOSTIC

The electronic control system includes a self-diagnostic mode. When an error is detected, it is displayed on the control box LEDs. It is not possible to adjust the controls while an error message is displayed.

- ! **IMPORTANT:** When this happens, do not disconnect the power cord from the outlet and call a service center.



## 3 ICE MAKING

Your refrigerator has one of the next ice making systems.

### ICE TRAY (NORMAL)

- To make ice cubes, fill the trays with water until the water level indicates, then insert them in their position.

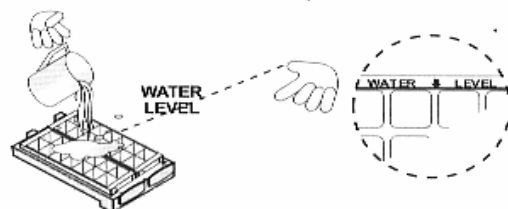


- To remove the ice cubes, hold the ice tray on the sides and twist it softly.



### ICE TRAY "TWIST'N SERVE"

- To make ice cubes, fill the trays with water until the water level indicates, then insert them in their position.

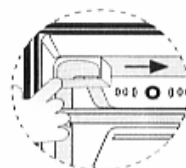


- To remove the ice cubes, twist the tray's knob and the cubes will fall into the ice bank instantly.

You can detach the "TWIST'N SERVE" to increase the freezer's storage capacity.

- 1- Take out the ice trays and the cube box.

- 2- Pull the frame to the right side.


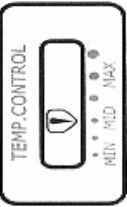




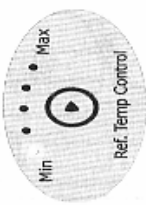









## 4 TEMPERATURE CONFIGURATION

You can configure the temperature that you wish in your refrigerator, depending on the amount of cold that you require. See next table.

### Control types to adjust cooling performance

Where are they?	What they control?	How can adjust it?	For a cooling performance...		
			Less Cold	Normal	Colder
Freezer	It controls the air flow from the freezer to the refrigerator	Change the control by sliding it softly.			
		In order to change the position of the control, impulse it towards the sides so that it turns.			
Refrigerator	It controls freezer and refrigerator temperature	You need to push the button every time that you wish to configure the temperature.			
		In order to configure this control, you need to press "REFRIGERATOR" button, each time you press it, lines will be lighted one by one until the maximum level.			



## 5 "DOOR COOLING" SYSTEM

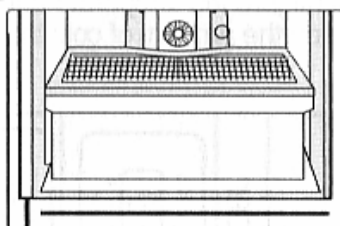
Cold air flows throughout the doors.

\* Only on some models



This system contributes to increase the refrigerator performance.

## 6 MAGIC CRISPER



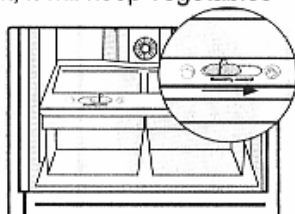
Keeps your fruits and vegetables freshness for more time.

\*On some models

## 7 HUMIDITY CONTROLS

- If you move the humidity control toward left, it will keep fruit fresh.
- If you move the humidity control toward right, it will keep vegetables fresh.

\*On some models



## 8 "ION DOOR COOLING" SYSTEM



Keeps fresher the food and the ION particles\* of the Door Cooling and preserve food for more time.

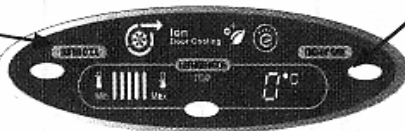
\*On some models

## 9 EXTRA FUNCTIONS OF YOUR TEMPERATURE CONTROL

### • SUPER COOL:

If you press this button, the refrigerator will start to cool on its maximum power, by 2 hours as a maximum time. If you press by second time this button, you will finish this function.

\*On some models



### • ENERGY SAVE:

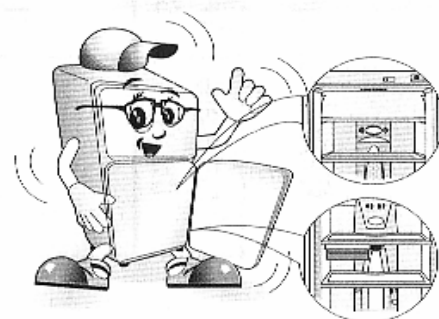
If you press this button, the refrigerator will work on its minimum power, reducing energy consumption.

## 10 MEAT TRAY

When the door is opened, the warm air does not affect the fresh meat located inside the tray. Consequently, food can be kept fresher for longer time. The fresh meat tray and shelf must be placed in the correct position. If they are moved, they won't work correctly.

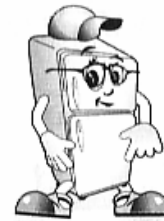
NOTE: Don't leave the door open for long time.

\*On some models



## 1 1 DEFROSTING

Defrost is carried automatically. The water generated during the defrosting flows down to the drip tray located at the back part of the refrigerator and it is evaporated automatically.



## 1 2 DEODORIZER (on some models)

Unpleasant odors of food in the fresh food compartment is deodorized with no harm to you and the food.



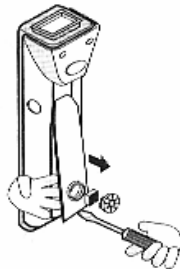
### ! IMPORTANT:

- Do not puncture the deodorizer with a sharp tip because the catalyst may be damaged.
- When storing food with a strong odor, wrap it or store it in a container with a lid because the odor may be absorbed by other foods.
- Check that the deodorizer is clean and if necessary, expose it to the sun for a couple of hours to re-charge it.

## HOW TO REMOVE THE DEODORIZER (Identify your type)

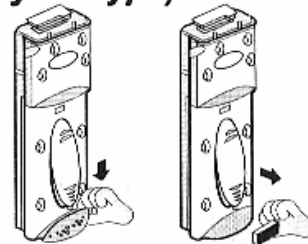
### Type 1

- 1- Pull the lower part with your hand or a tool.
- 2- Take out the deodorizer cover.
- 3- Remove the deodorizer.



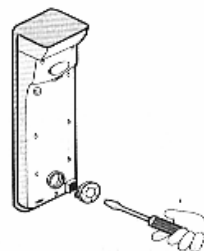
### Type 2

- 1- Push to downwards the deodorizer cover.
- 2- Remove the deodorizer and re-charge it.



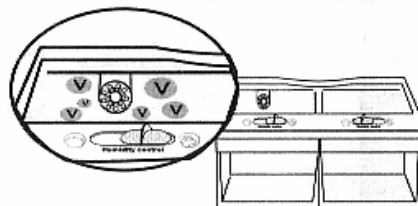
### Type 3

- 1- Pull the deodorizer cover with a flat tool.
- 2- Remove the deodorizer.



## 1 3 VITABOX (SOME MODELS)

Provides vitamins to fruits and vegetables, to conserve fresh for long time.



## 14 WATER DISPENSER

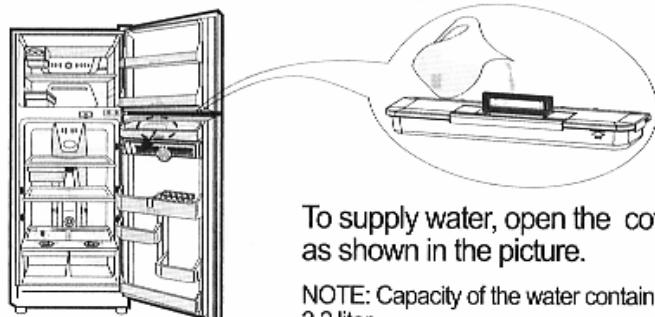


Your Refrigerator has a mechanism that dispatch cool water without open the door.

**NOTE:** For water use only (no sugar added), any other kind of liquid can cause mechanism damage.

*\*On some models*

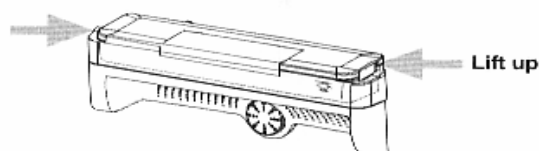
### FILLING WATER CONTAINER



To supply water, open the cover as shown in the picture.

**NOTE:** Capacity of the water container 2,2 liter.

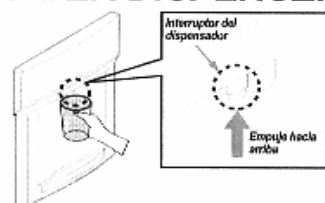
**If you need to empty the water container:**



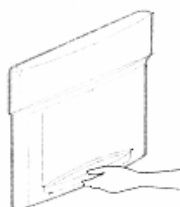
- Remove the water container.
- Remove the container cover.

**Note:** Its not necessary to empty the water container before remove.

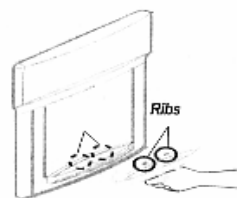
### WATER DISPENSER



Push up the dispenser switch with a glass until you hear a "CLICK" to start water dispatch.

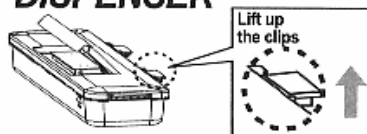


**Remove tray:**  
Tray can be easily removed, just pressing and slide out.

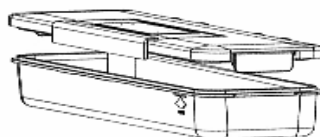


**Install tray:**  
Lightly bow the tray to the front and insert ribs into the holes to accommodate the tray.

### CLEANING THE WATER DISPENSER

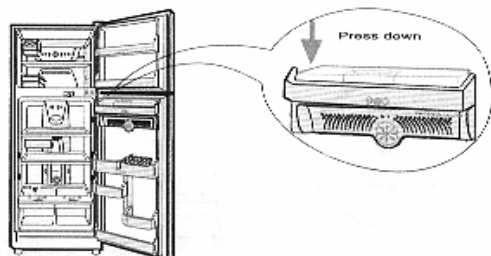


- Remove the water container (it's not necessary to empty the water container before removing it)



- Remove the container cover, opening the five cover clips.

### INSTALLING THE WATER CONTAINER



To install the water dispenser at its original position, be sure that the valve assemblies correctly in the door's hole, this can be made pressing down the container stored in the door (as shown).

**Note:** If the water container its not correctly installed, drainings can be present and water can't be dispatched.



**IMPORTANT:** Your refrigerator must be kept clean to avoid unwanted odors.

- Spilled food must be cleaned immediately because it could stain the plastic surfaces.
- Never use metal fibers, brushes, abrasive cleaners, or alkaline solutions over any surface of the refrigerator.



## EXTERIOR CLEANING

Use warm water and a mild detergent solution to clean the surfaces of your refrigerator.

Clean it with a damp cloth and dry it. Be careful with the temperature control.



## INTERIOR CLEANING

A regular cleaning of the interior is recommended.

Use a damp cloth in a solution of one (1) teaspoon of sodium bicarbonate (baking soda) dissolved in one (1) quart of warm water. Rinse the surfaces with a damp cloth and dry.

NOTE: It is recommended to do this regularly, including the gaskets.

NOTE: In models with water dispenser it is recommended that you wash the water container frequently.



Always unplug the power cord from the power outlet before cleaning in the vicinity of electrical parts (lamps, switches, controls, etc.)



Wipe out excess moisture with a sponge or cloth to prevent water or liquids from contacting an electric part and causing a short circuit.

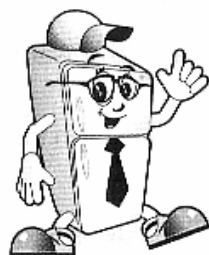


Do not use flammable or toxic liquid cleaners.



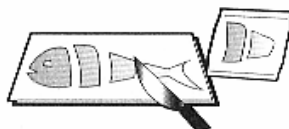
# SUGGESTIONS ON FOOD STORAGE

1



- Store fresh food in the refrigerator compartment.

2



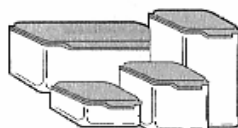
- Do not freeze food that has been already thawed. They may lose their nutritional properties.

3



- When frozen food, do it in small portions.

4



- Do not store food that can decompose under low temperatures such bananas, pineapples and melons.

5



- When storing food, wrap it with vinyl film or store it in closed containers. This prevents food moisture from evaporating and keeps food fresh.

6



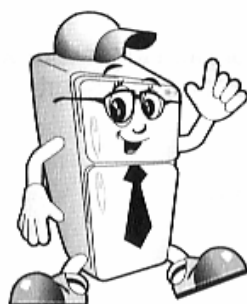
- Throw out the food that is not in good condition, to avoid contaminating adjacent items.

7

D	L	M	M	J	V	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

- Store fresh meats and cheese in bags or containers with hermetic seals.

8



- The most time recommended to store frozen food is almost 6 weeks to prevent they loose their nutritional properties.
- In the models with water dispenser it is recommended that you change the water at least every 7 days.

9

- It is recommended to store the onion in plastic bags, to prevent the other food damages.

10

- Do not keep garlic into the refrigerator.

## SUGGESTIONS ON FOOD STORAGE

11



- Always clean the food before refrigerating it. Fruits and vegetables should be washed and dried.

12

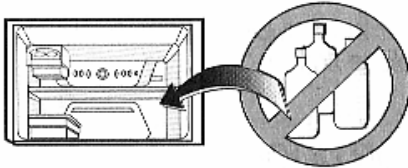


- Store eggs in the highest shelf in the refrigerator compartment.

13

- When storing frozen food for a long period, such ice cream, place it on the shelves and not in the door baskets.

14



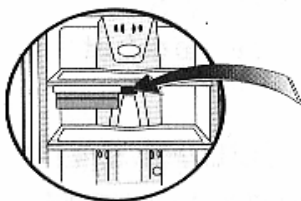
- Do not store glass bottles in the freezer because they can break when frozen.

15



- Allow hot food to cool before storing it. Placing hot food in the refrigerator damages other food and increases energy consumption.

16



- Do not store more than 3 kg in tray (box) of fresh meats.





# IMPORTANT WARNINGS

1



## **DO NOT USE AN EXTENSION CORD**

Do not connect any other appliance in the same plug of the refrigerator; if many appliances are connected the wires might be overloaded, increasing the risk of voltage fluctuation and improper operation.

2



## **POWER CORD REPLACEMENTS**

If the power cord is damaged, it must be replaced by the manufacturer, by our service center or by qualified personal by LG Electronics, to avoid some risk.

3



## **ABOUT GROUNDING (EARTHING)**

In the event of a short circuit, the ground connection reduces the risk of electric shock while providing an escape line for electric current.

The wrong use of the plug's earth terminal can result in an electric shock. Consult a qualified electrician or service person if the grounding instructions are not fully understood, or if you have any doubts about if your appliance is properly grounded.

4



## **NEVER STORE EXPLOSIVE OR CHEMICAL SUBSTANCES IN YOUR REFRIGERATOR**

It's dangerous!!!

5



## **DANGER, RISK OF CHILD ENTRAPMENT**

An empty refrigerator can be a very dangerous attraction for children.

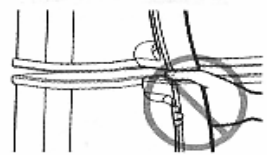
Before you throw away your old refrigerator or freezer, please take off the doors and leave the shelves in place so that children may not easily climb inside.

6



## **WHEN YOU CLOSE REFRIGERATOR DOOR**

**Don't** left your thumb in the superior part of the handle, Because could be pressed against the inferior part of the freezer handle.



7



## **WHAT TO DO WITH YOUR OLD REFRIGERATOR**

Your refrigerator contain fluids (cooling) and it's made of parts and materials which can be recycle. This materials should be sent to a recycle collection center to be use in further recycling process. Contact your local agency in order to do this procedure.

8



## **DO NOT USE MECHANICAL DEVICES**

Do not use mechanical devices or other media to faster the defrost process, only the ones recommended by the manufacturer.

9



## **DO NOT STORE ELECTRONIC EQUIPMENT**

Do not use electronic equipment inside the food storage compartment, unless they are recommended by the manufacturer.

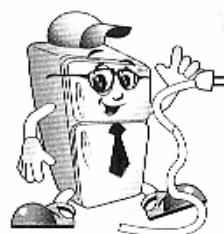




# WHAT TO DO WHEN...

## 1 REFRIGERATOR IS NOT WORKING

- ✓ Did a fuse blow or a circuit breaker trip?
- ✓ Is the power cord lost in the connector or unplugged?
- ✓ Check your electric plug for damaged. Connect another appliance or lamp to make sure the outlet works.
- ✓ Make sure your circuit is not overloaded. The refrigerator should be on its own circuit. Unplug other appliances that are overloading the circuit and causing voltage drop.



## 2 THE TEMPERATURE IN THE REFRIGERATOR OR FREEZER IS TOO HOT

- ✓ The temperature control is not in the right position.
- ✓ The appliance is located near the wall or a heat source (stove, sun rays).
- ✓ Hot weather. Frequent door openings.
- ✓ The door is left open for long time.
- ✓ Too much food is stored in the refrigerator.



## 3 ABNORMAL SOUND (S)

- ✓ The refrigerator is placed over an uneven or weak surface, or the leveling screws need to be adjusted.
- ✓ Unnecessary objects are placed on the backside of the refrigerator.
- ✓ If a voltage drop occurs, check if the bulb's light is low, if so, consult an electrician.



## 4 THE REFRIGERATOR KEEPS ODORS

- ✓ Fragrant food must be stored in closed containers or wrapped.
- ✓ The interior needs to be cleaned.
- ✓ Check that the deodorizer is clean and if is necessary, expose it to the sun for a couple hours to re-charge it.



## 5 CONDENSATION FORMS ON THE CABINET SURFACE

- ✓ It is normal when the humidity is high.
- ✓ The door may have been left open.



## 6 FRONTAL PART OF CABINET IS HOT

- ✓ It is a normal functioning of the refrigerator, its happens in order to avoid the formation of condensation or "sweat".
- ✓ If it happens, clean with a dry cloth.



## 7 COMPRESSOR OPERATES CONTINUOUSLY FOR LONG TIME

- ✓ Temperature controls are set to Maximum, please set them to Medium position.
- ✓ Check that doors are closed properly.
- ✓ Hot food is stored.
- ✓ Doors are open for long periods of time.
- ✓ The refrigerator is too close to a heat source or sun rays.



## FREEZER

Temperature control  
Lamp

Ice Bin

Shelf

Ice Tray

Temperature control

Shelves  
(glass or plastic)

## REFRIGERATOR

Meat Tray

Lamp

Deodorizer  
Absorbs Odors

Multi Air Flow  
Air flow distributor

Vegetables Tray  
Keeps fruit and vegetables fresh

Lower Cover

Magic Crisper  
Vegetable tray cover that control humidity

## DOORS

Freezer Door Baskets

Dairy Bin

Egg Tray

Door Cooling  
Cold air flows throughout the door

Bottle Guide

Refrigerator Door Baskets (big)

Refrigerator Door Baskets (small)

Leveling screws

Note.- Some components shown on this diagram, could not be included on your refrigerator; because they are variable depending on the characteristics of each model.

# FEATURES

## FREEZER

Temperature control

Ice Tray type  
"Twist'n Serve"  
(DUAL)

Ice Bin

Shelf

Ice Tray

Temperature control on door front

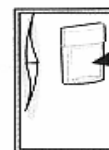
## DOORS

Freezer Door Baskets

Door Cooling  
Cold air flows throughout the door

Water Container

Water Dispenser in front of the refrigerator



Egg Tray

Bottle Guide

Refrigerator Door Baskets (big)

Refrigerator Door Baskets (small)

Leveling screws

Lower Cover Humidity Controls

Vegetables Tray  
Keeps fruit and vegetables fresh

Multi Air Flow  
Air flow distributor

## REFRIGERATOR

Lamp

Lateral air vents for better cooling distribution

Meat Tray

Shelves (glass or plastic)

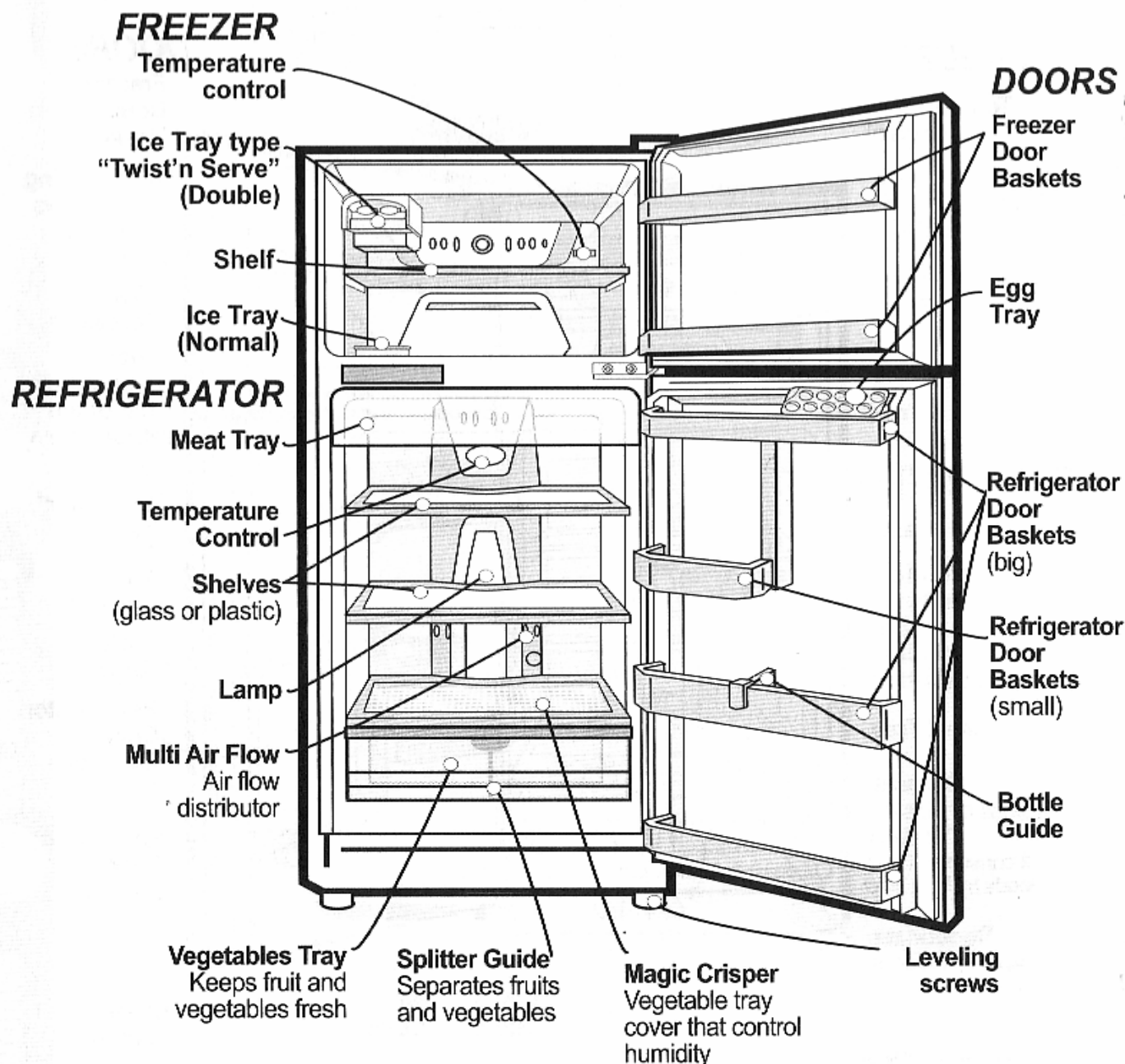
Vitabox

It conserves fresh foods by long time

Deodorizer  
Absorbs Odors

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