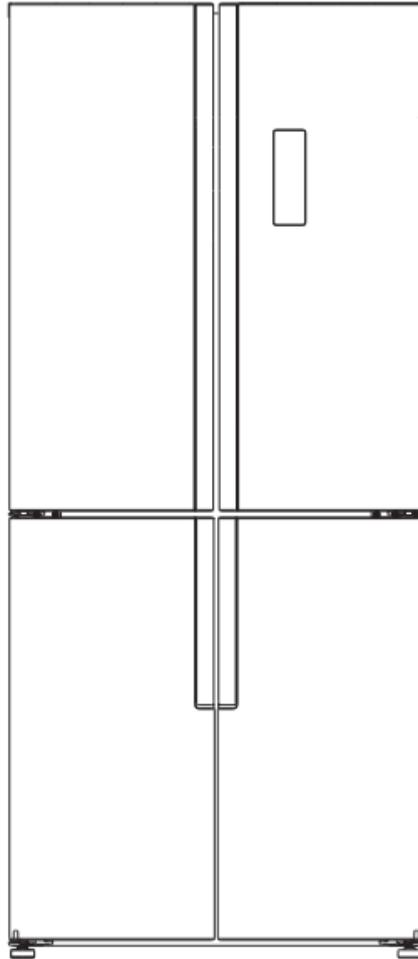




FROST FREE REFRIGERATOR



INSTRUCTION MANUAL

Model No.: LRF3001SS

SAFETY



WARNING!

It is hazardous for anyone other than authorized service personnel to carry out servicing or repairs which involves the removal of covers. To avoid the risk of an electric shock do not attempt to repair this appliance yourself.

Safety tips

Do not use electrical appliances such as a hair dryer or heater to defrost your Refrigerator.

Containers with flammable gases or liquids can leak at low temperatures.

Do not store any containers with flammable materials, such as spray cans, fire extinguisher refill cartridges etc. in the Refrigerator.

Do not place carbonated or fizzy drinks in the Freezer compartment. Ice lollies can cause “Frost/Freeze burns”. If consumed straight from the Refrigerator.

Do not remove items from the Refrigerator compartment if your hands are damp/wet, as this could cause skin abrasions or “Frost/Freezer burns”. Bottles and cans must not be placed in the Freezer compartment as they can burst when the contents freeze. **M**anufacturer's recommended storage times should be adhered to. Refer to relevant instructions.

Do not allow children to tamper with the controls or play with the Refrigerator. The Refrigerator is heavy. Care should be taken when moving it. It is dangerous to alter the specification or attempt to modify this product in any way.

Do not store inflammable gases or liquids inside you Refrigerator.

If the power cable is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.

This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.

This appliance is intended to be used in household and similar applications such as

- staff kitchen areas in shops, offices and other working environments;
- farm houses and by clients in hotels, motels and other residential type environments;
- bed and breakfast type environments;
- catering and similar non-retail applications.

Keep ventilation openings, in the appliance enclosure or in the built-in structure, clear of obstruction.

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 type recommended by the manufacturer.

Do not store explosive substances such as aerosol cans with a flammable propellant in this appliance.

Disposal

Old appliances still have some residual value. An environmentally friendly method of disposal will ensure that valuable raw materials can be recovered and used again.

The refrigerant used in your appliance and insulation materials requires special disposal procedures. Ensure that none of the pipes on the back of the appliance are damaged prior to disposal. Up to date information concerning options for disposing of your old appliance and packaging from the new one can be obtained from your local council office.

Locks

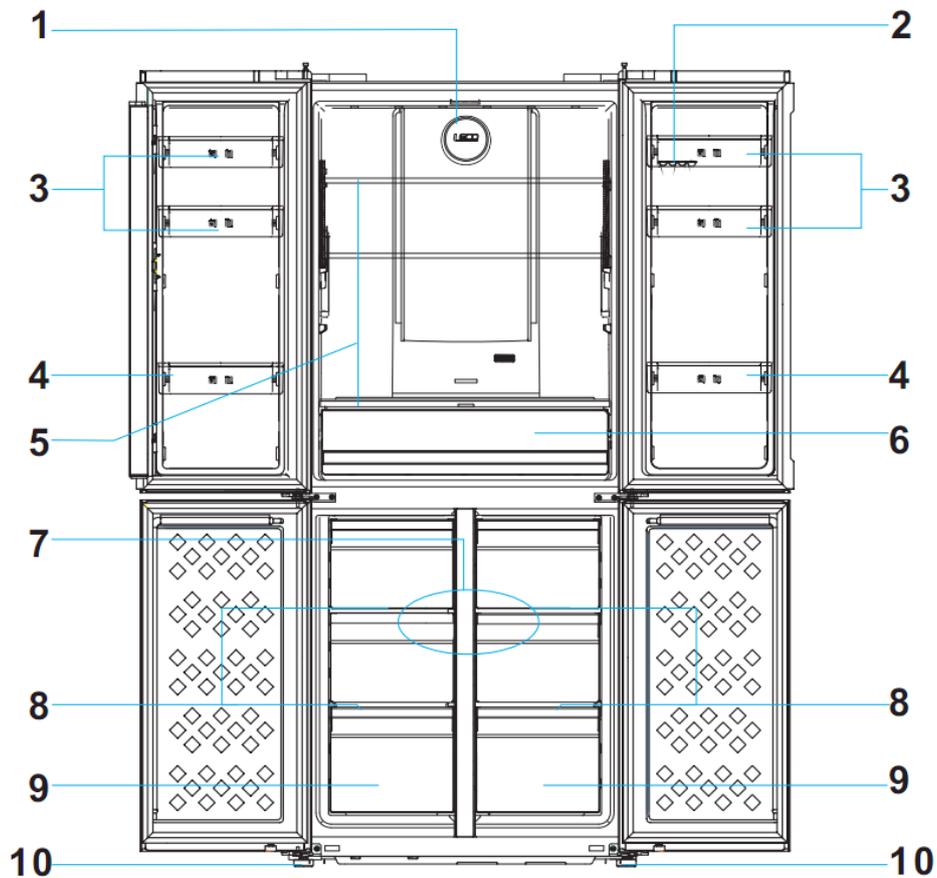
If your Refrigerator is fitted with a lock, to prevent children being entrapped keep the key out of reach and not in the vicinity of the appliance. If disposing of an old Refrigerator break off any old locks or latches as a safeguard.

INTRODUCTION

Before use

Please read these instructions and the Safety guidelines on page 1 carefully before using your new Refrigerator. The Refrigerator is for indoor, domestic use only.

General Description of Refrigerator



No	Description
1	Light
2	Egg Tray
3	Bottle Rack
4	Gallon Bottle Bins
5	Refrigerator Glass Shelf
6	Salad Crisper
7	Upper Freezer Drawer
8	Freezer Room Glass Shelf
9	Bottom Freezer Drawer
10	Adjustable Foot

INSTALLATION

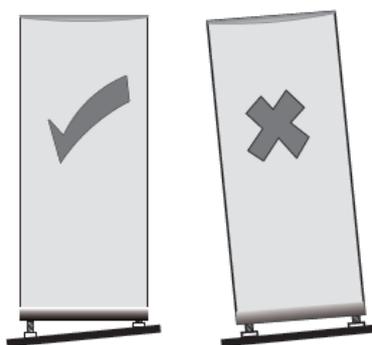
Location

When selecting a position for your Refrigerator you should make sure the floor is flat and firm, and the room is well ventilated with an average room temperature of between 10° C and 43° C. Avoid locating your Refrigerator near a heat source, eg. cooker, boiler or radiator. Also avoid direct sunlight in

out-buildings or sun lounges. If you are placing your Refrigerator in an out-building such as a garage or annex ensure that the Refrigerator is placed above the damp course, otherwise condensation will occur on the Refrigerator cabinet. Never place the Refrigerator in a wall recess or into fitted cabinets or furniture. When your Refrigerator is working, the grille at the back may become hot and the sides warm. It must therefore be installed so that the back of the Refrigerator has at least 9cm (3 1/2")of free space and the sides have 2cm (3/4").Do not drape the Refrigerator with any covering.

Leveling the Refrigerator

If the Refrigerator is not level, the door and magnetic seal alignment will be affected and may cause you Refrigerator to work incorrectly. Once the Refrigerator is placed in its final location, adjust the leveling feet at the front by turning them.



Cleaning before use

Wipe the inside of the Refrigerator with a weak solution of bicarbonate of soda. Then rinse with warm water using a damp sponge or cloth. Wash the baskets and shelves in warm soapy water and dry completely before replacing in the Refrigerator. The external parts of the Refrigerator can be cleaned with wax polish.

Before plugging in YOU MUST

Check that you have a socket which is compatible with the plug supplied with the Refrigerator.

Before switching on!

The coolant fluid needs time to settle. If the appliance is switched off at any time, wait 30 minutes before switching back on to allow the coolant fluid to settle.

Before filling your Refrigerator

Before storing foods in your Refrigerator, turn the Refrigerator on and wait for 24 hours, to make sure it is working properly and to allow the Refrigerator drops to the correct temperature.

Electrical Connection

⚡WARNING⚡

Improper use of the grounded plug can result in the risk of electrical shock. If the power cord is damaged, have it replaced by an authorized service center.

This refrigerator should be properly grounded for your safety. The power cord of this refrigerator is equipped with a three-prong plug which mates with standard three prong wall outlets to minimize the possibility of electrical shock.

Do not, under any circumstances, cut or remove the third ground prong from the power cord supplied. This refrigerator requires a standard 230(or 220~240)V A.C. ~/50Hz electrical outlet with three-prong ground.

This refrigerator is not designed to be used with an inverter.

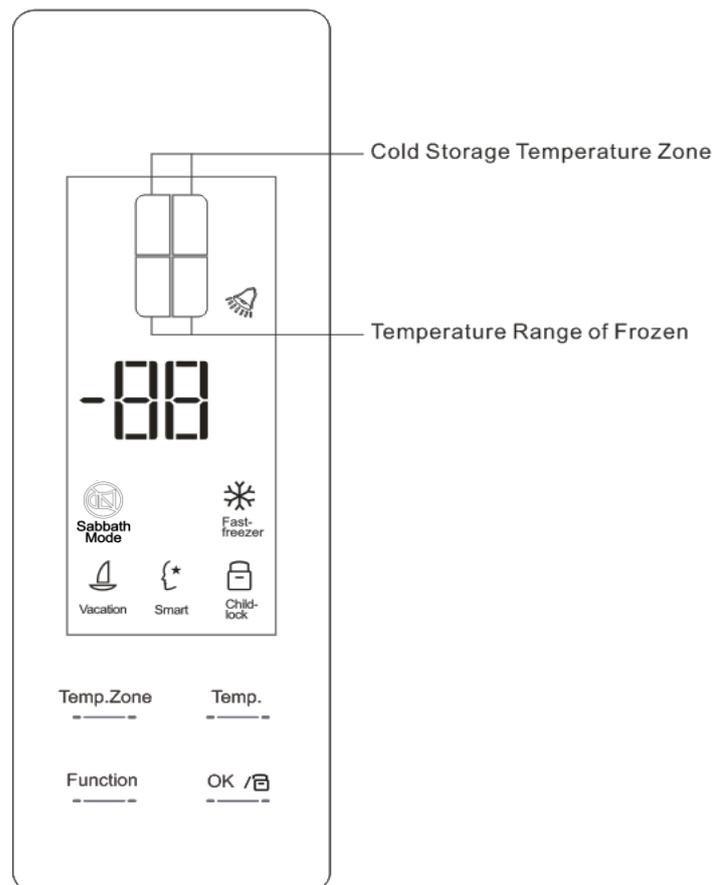
The cord should be secured behind the refrigerator and not left exposed or dangling to prevent accidental injury.

Never unplug the refrigerator by pulling the power cord. Always grip the plug firmly and pull straight out from the receptacle.

Do not use an extension cord with this appliance. If the power cord is too short, have a qualified electrician or service technician install an outlet near the appliance. Use of an extension cord can negatively affect the performance of the unit.

START

Display panel is located at the door of the cold storage room, interface display as follows:



Function Settings

Power up

The first connection of the refrigerator power supply, display the full light display 2 seconds after the resumption of normal display, the refrigerator by the smart run by default.

Note: The electric control refrigerator has the function of self check function, and the function can be ignored when the refrigerator door is opened for the first time.

Display control

If the cold storage door closed, and no key operation within 3 minutes, the display automatically put out; display off, open the refrigerator door or press any key, the display light.

Smart

Press the "Function" key to "Smart" icon flashing, press the "OK" key, enter the intelligent function. At this point, a fridge, freezer default setting of 5.0°C, -18.0°C.

In intelligent state, press the "Function" key to "Smart" icon flashing, press "OK" to exit the intelligent functions; In the condition of intelligence, refrigerator in the process of quick-frozen, exit the intelligent function.

Temperature control

1) Press the "Temp.Zone" key, cold storage, frozen temperature zone icon will continuous cycle flashing shows in the following order: "cold storage temperature zone" → "frozen temperature zone" → "refrigeration temperature area".

(into the smart, quick-frozen function, corresponding temperature regions cannot set temperature)

2) Press the "Function" key, function selection order according to the following cycle are:

"Sabbath Mode" → "Fast-freezer" → "Vacation" → "Smart" → "Sabbath Mode".

3) Press the "Temp." key, digital icon flashing display, then press this button to adjust the size of the digital, and finally, press the "OK" key to finish setting.

4) Temperature setting range:

Cold room temperature setting range is: 34°F ~43°F;

The freezer temperature setting range is: 3°F ~ -8°F.

5) Between the room temperature control, digital loop by the following rules:

Cold storage room: 38 → 39 → 40 → 41 → 42 → 43 → OFF → 34 → 35 → 36 → 37 → 38;

Freezing room: -2 → -3 → -4 → -5 → -6 → -7 → -8 → 3 → 2 → 1 → 0 → -1 → -2

6) The change of the temperature display

Press the "Temp Zone" key for 3 seconds, the display of the temperature order according to the following cycle are:

" Fahrenheit display " → "Celsius display" → " Fahrenheit display "

It changes as the following rules:

cold storage temperature		frozen temperature	
Fahrenheit display °F	Celsius display °C	Fahrenheit display °F	Celsius display °C
34	1	3	-16
35	2	2	-17
36	2	1	-17
37	3	0	-18
38	3	-1	-18
39	4	-2	-19
40	4	-3	-19
41	5	-4	-20
42	5	-5	-20
43	6	-6	-21
		-7	-22

		-8	-22
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Sabbath Mode

Press the "Function" key to "Sabbath Mode" icon flashing, press the "OK" key, enter the Sabbath function.

In Sabbath state, the LED, LECO, buzzer and the display board turn off, the fridge works as the state before you enter the Sabbath function.

In Sabbath state, press the "Function" key for 5 seconds, exit Sabbath function.

Fast-freezer

Press the "Function" key to "Fast-freezer" icon flashing, press the "OK" key, enter the fast-freezer function.

After completion of fast-freezer, automatic exit "Fast-freezer" function, "Fast-freezer" characters and patterns out;

In fast-freezer state, press the "Function" key to "Fast-freezer" icon flashing, press the "OK" key, exit fast-freezer function;

In fast-freezer state, into the "smart" refrigerator, automatic exit fast-freezer function.

Cold shut down

Gently press "Temp.Zone" area to cold room temperature set point, continuous light press "Temp" to "OF", press the "OK" key again gently, freezer is closed, "OF" continuous light. Again for cold storage temperature adjustment, the freezer exit off state, restore refrigeration.

Vacation

Press the "Function" key to "Vacation" icon flashing, press the "OK" key, enter the Vacation function.

In vacation state, the cold storage refrigeration set by 14.0°C temperature.

LECO net taste fresh

The LECO function will open at the beginning of the defrosting;

The LECO function will open while the cold storage door opening;

After 20 minutes, the refrigerator will exit from the LECO function automatically

LECO during work, uv lamp is turned on.

Child-lock

1)Display lighting condition, without keystrokes, after 3 minutes, button automatically lock, display screen into the closed position.

Keys unlocked, long press "OK" button lock 3 seconds.

Locking state, the key is invalid, bh icon flashing at the same time.

2)Display closed, press any key wake up the screen, then press "ok" key for 3 seconds, long keys unlock, key function to take effect.

Power off memory

Even if a power outage, due to special design, the refrigerator will automatically memory power outage before the room temperature Settings, and, when energized again refrigerator is still running according to the original Settings.

Turn on delay

In order to avoid accident and electric power and other cases, the unbalanced boot the harm, this refrigerator USES specially designed, can guarantee the power failure interval less than 5 minutes, do not start immediately.

Open door alarm

When the refrigerator door is opened more than 3 minutes, the buzzer gap calls, when the door of the

refrigerator door is closed, the alarm is lifted, and the buzzer stops calling.

Frozen room overtemperature tips

If electricity, on the refrigerator freezer temperature is higher than 10 °C, the freezer will flash set temperature display. Press any key to stop flashing, at the same time had reached the highest temperature of the freezer will be shown.

Sensor fault alarm

When refrigerators operating screen "E0", "E1", "E2", "EH" and so on, explain fridge sensor fails, the refrigerator can refrigeration, but please as soon as possible to the fridge for maintenance.

Tips for keeping food perfect in the Fridge

Take extra care with meat and fish

Cooked meats should always be stored on a shelf above raw meats to avoid bacterial transfer. Keep raw meats on a plate which is large enough to collect juices and cover it with cling film or foil.

Leave space around food

This allows cold air to circulate around the Fridge, ensuring all parts of the Fridge are kept cool.

Wrap up food!

To prevent transfer of flavors and drying out, food should be separately packed or covered. Fruit and vegetables need not be wrapped.

Pre-cooked food should be cooled properly

Allow pre-cooked food to cool down before placing in the Fridge. This will help to stop the internal temperature of the Fridge from rising.

Shut the door!

To prevent cold air escaping, try to limit the number of times you open the door. When returning from shopping, sort foods to be kept in your Fridge before opening the door. Only open the door to put food in or take it out.

Tips for shopping for frozen foods

Your Freezer is 4 star

When you are buying frozen food, look at the Storage Guidelines on the packaging. You will be able to store each item of frozen food for the period shown against the 4 star rating. This is usually the period stated as "Best, Before", found on the front of the packaging.

Check the Refrigerator temperature

Check the temperature of the frozen food cabinet in the shop where you buy your frozen foods.

Choose packs carefully

Make sure the frozen food package is in perfect condition.

Purchase frozen food last

Always buy frozen products last on your shopping trip or visit to the supermarket.

Keep frozen foods together

Try to keep frozen food together whilst shopping, and on the journey home as this will help to keep the food cooler.

Store food straight away

Don't buy frozen food unless you can freeze it straight away. Special insulated bags can be bought from most supermarkets and hardware shops. These keep frozen food cold for longer.

Thawing frozen food

For some foods, thawing before cooking is unnecessary. Vegetables and pasta can be added directly to boiling water or steam cooked. Frozen sauces and soups can be put into a saucepan and heated gently

until thawed.

Freezing fresh foods, useful tips

Use quality food and handle it as little as possible. Freeze food in small quantities, it freezes faster, takes less time to thaw and enables you to eat it in the quantity you need.

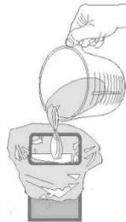
Freezing fresh foods

First, estimate the amount of food you will be freezing. If you are freezing large amounts of fresh food, remember to turn the control dial to Max. This will lower the temperature in the Freezer, freezing your food quicker and helping to keep the goodness in. However you should do this sparingly to conserve energy.

Preparations for freezing

- Leave cooked food to cool completely.
- Chill food in a Fridge before freezing if possible.
- Consider how you want to cook the food before freezing it.
- Don't freeze food in metal containers as you may want to microwave it straight from the Freezer.
- Use special Freezer bags available from supermarkets, Freezer film, polythene bags, plastic containers, aluminum foil for acidic foods(such as citrus fruits).
Do not use thin cling film or glass. Do not use used food containers (unless cleaned thoroughly first).
- Exclude as much air from the container as possible. You could buy a special vacuum pump which sucks excessive air out of the packaging.
- Leave a small amount of "air space" when freezing liquids, to allow for expansion.
- You can use the space in the Freezer most efficiently if you freeze liquids(or solids with liquids, such as stew) in square blocks.

This is known as "performing" Pour the liquid into a polythene bag which is inside a square sided container. Freeze it like this, then remove it from the container and seal the bag.



Defrosting

This appliance is designed as automatic defrosting ,no need to defrost by hand.

Recommended storage periods

For recommended food storage time, refer to the information given on your food packaging.

Cleaning inside the Refrigerator

You should clean the Refrigerator internally with a weak solution of bicarbonate of soda. Then rinse with warm water using a damp sponge or cloth and wipe dry. Wash the baskets in warm soapy water and ensure they are completely dry before replacing in the Refrigerator.

Cleaning outside the Refrigerator

Use standard non-abrasive detergent diluted in warm water to clean the Refrigerator exterior.

The grille of the condenser at the back of the Refrigerator and the adjacent components can be vacuumed using a soft brush attachment.

Do not use harsh cleaners, scouring pads or solvents to clean any part of the Refrigerator

Simple fault analysis and elimination

Not every failure requires technical service personnel to solve the following simple small problem; you can try to solve the problem.

Case	Inspection	Solutions
<ul style="list-style-type: none"> Completely non refrigeration 	<ul style="list-style-type: none"> Is power plug off? Are breakers and fuses a broken? No electricity or line trip? 	<ul style="list-style-type: none"> Re-plug. Opening the door and checking whether the lamp is lit.
<ul style="list-style-type: none"> Abnormal noise 	<ul style="list-style-type: none"> Is refrigerator stable? Does refrigerator reach the wall? 	<ul style="list-style-type: none"> Adjusting refrigerator's adjustable feet. Off the wall.
<ul style="list-style-type: none"> Poor refrigerating efficiency 	<ul style="list-style-type: none"> Do you put hot food or too much food? Do you open the door frequently? Do you clip food bag to the seal of door? Direct sunlight or near a furnace or stove? Is it well-ventilated? Temperature setting in too high? 	<ul style="list-style-type: none"> Putting food into refrigerator when hot food becomes cool. Checking and closing the door. Removing the refrigerator from the heat source. Emptying the distance to maintain good ventilation. Setting to the appropriate temperature.
<ul style="list-style-type: none"> Peculiar smell in refrigerator 	<ul style="list-style-type: none"> Any spoiled food? Do you need to clean refrigerator? Do you packed food of strong flavors? 	<ul style="list-style-type: none"> Throwing away spoiled food. Cleaning refrigerator. Packing food of strong flavors.

Moving the Refrigerator

Location

Do not place your Refrigerator near a heat source, eg. Cooker, boiler or radiator. Also avoid direct sunlight in out-buildings or sun lounges.

Leveling the Refrigerator

Make sure the Refrigerator is level. Use the rotating leveling feet at the front. If the Refrigerator is not level, the doors and magnetic seal alignments will be affected and may cause your Refrigerator to work incorrectly.

Do not turn on the Refrigerator for 4 hours

After the Refrigerator is in place it needs to be left for 4 hours. This allows time for the coolant to settle.

Installation

Don't cover or block the vents or grilles of your appliance.

If you're not at home for a long time

- Turn off the refrigerator first and then unplug the unit from the wall outlet.
- Remove all the food.
- Clean the refrigerator.
- Leave the lid open slightly to avoid possible formation of condensation, mold, or odors.
- Use extreme caution in the case of children. The unit should not be accessible to child's play.
- Short vacations: Leave the refrigerator operating during vacations of less than three weeks.
- Long vacations: If the appliance will not be used for several months, remove all food and unplug the power cord. Clean and dry the interior thoroughly. To prevent odor and mold growth, leave the door open slightly: blocking it open if necessary or have the door removed.

How to save energy

01. Install the refrigerator in the coolest part of the room, out of direct sunlight and away from heating ducts or registers. Do not place the refrigerator next to heat-producing appliances such as a range, oven or dishwasher.
02. The refrigerator door should remain open only as long as necessary; do not place hot food inside the refrigerator.
03. Organize the refrigerator to reduce door openings .Remove as many items as needed at one time and close the door as soon as possible.
04. The refrigerator door should be properly closed to avoid increased energy consumption, and the formation of excess ice and / or condensation inside.
05. Constantly circulating cold air keeps the temperature homogenous inside the refrigerator. For this reason, it is important to properly distribute the food, to facilitate the flow of air.
06. Cover foods and wipe containers dry before placing them in the refrigerator. This cuts down on moisture build-up inside the unit.
07. Do not overcrowd the refrigerator or block cold airvents. Doing so causes the refrigerator to run longer and use more energy. Shelves should not be lined with aluminum foil, wax paper or paper toweling. Liners interfere with cold air circulation, making the refrigerator less efficient, which could cause food spoilage.
08. During prolonged absences (example: vacations), it is advisable to disconnect the refrigerator, remove all the food, and clean it . The door should be left slightly open to avoid mold and unpleasant odors. This will not affect the refrigerator when it is reconnected.
09. During short absences (example: holidays), the refrigerator can remain on. However, remember that prolonged power outages may occur while you are gone.

Servicing

This product should be serviced by an authorized engineer and only genuine spare parts should be used.

Under no circumstances should you attempt to repair the appliance yourself.

Repairs carried out by inexperienced persons may cause injury or serious malfunctioning. Contact the local store where your purchase was made.

When the appliance is not in use for long periods, disconnect from the electricity supply, empty all foods and clean the appliance, leaving the door ajar to prevent unpleasant smells.

THIS APPLIANCE MUST BE EARTHED.

This appliance is fitted with a plug which will be suitable for use in all houses fitted with sockets to current

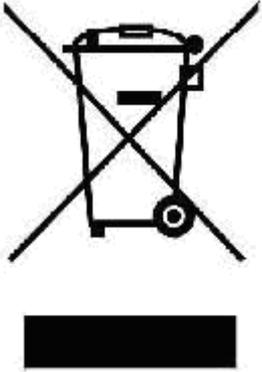
specifications.

If the fitted plug is not suitable for your socket outlets, it should be cut off and carefully disposed of. To avoid a possible shock hazard, do not insert the discarded plug into a socket.

This appliance complies with the following IEC Directives:

2014 / 35/ EU (Low Voltage Directive)

2014 / 30/ EU (EMC Directive).

Correct Disposal of this product	
	<p>This marking indicates that this product should not be disposed with other household wastes throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please use the return and collection systems or contact the retailer where the product was purchased. They can take this product for environmental safe recycling.</p>

Warranty

This product has been manufactured by Thor Group, 13831 Oaks Ave, Chino, California 91710.

Thor Group disclaims all express warranties except for the following:

This warranty applies to products purchased and located in the United States. Products purchased or located outside this area are excluded.

The warranty does not apply to damage resulting from abuse, accident, natural disaster, loss of electrical power to the product for any reason, alteration, outdoor use, improper installation, and improper operation, repair or service of the product by anyone other than an authorized Thor Group, service agency or representative.

Warranties and Duration

Full warranty for Parts and Labor: 2 years for both parts and labor.

Implied warranties terminate upon expiration of the limited warranty. Some states do not allow limitations on how long implied warranty lasts, so the above limitation may not apply to your implied warranty.

Thor Group will pay for:

All repair labor and cost of replacement parts found to be defective due to material and workmanship. Service must be provided by a Thor Group Authorized Service Agency during normal working hours.

For a Service Agency nearest you, please call 877-288-8099.

Thor Group will not pay for:

This limited warranty does not cover:

1. Service to instruct you on how to use your fridge to correct house wiring, replace or repair house fuses, service to correct the installation of your fridge.
2. Repairs when your fridge is used for other than normal, single-family household use or when it is used in a manner that is contrary to published user or operator instructions and/or installation instructions.
3. Cosmetic damage, including chips, dents, scratches or other damage to the finish of your fridge, unless such damage results from defects in materials or workmanship and is reported to Thor Group within 30 days from the date of purchase.
4. Costs associated with the removal from your home of your fridge for repairs. This fridge is designed to be repaired in the home and only in-home service is covered by this warranty.
5. Damage resulting from misuse, alteration, accident, abuse, fire, flood, acts of God, improper installation, installation not in accordance with electrical, or use of consumables or cleaning products not approved by Thor Group.
6. Service to repair or replace consumable parts. Consumable parts are not included in the

warranty coverage.

7. The removal and reinstallation of your fridge if it is installed in an inaccessible location or is not installed in accordance with published installation instructions.

8. This warranty is void if the factory applied serial number has been altered or removed from your fridge.

9. Repairs to parts or systems resulting from unauthorized modifications made to the appliance.

10. Expenses for travel and transportation for product service if your fridge is located in a remote area where service by an authorized Thor Group servicer is not available.

The warranty applies to appliances purchased and used for personal, family or household purposes only. It does not cover appliances used for commercial applications.

Should the appliance be sold by the original purchaser during the warranty period, warranty shall extend to the new owner until the expiration date of the original purchaser warranty period.

Warranty and Product Registration

Thor Group is not responsible for incidental or consequential damages. Under no circumstances will Thor

Kitchen's liability exceed the cost that you paid for the product. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusion may not apply to you.

This warranty gives you specific legal rights, and you may also have other rights that vary from state to state. Whenever you call our customer service at 877-288-8099 (THORKITCHEN FRIDGE) for technical information and parts sales in the United States or to request service for your appliance, please have your complete model number and serial number ready. The model and serial number can be found on the product data plate. Please enter the information requested in the spaces provided.

Model No. _____ **Serial No.** _____

Date of Purchase _____ **Purchaser** _____

Dealer _____ **Suburb** _____

Town _____ **Country** _____

Note: You must provide proof of purchase and installation date for in-warranty service.