

CHANGHONG

—Creating Easy Life—



FROST FREE REFRIGERATOR

USER'S MANUAL

FTM300R02W

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 Fridge/Freezer.

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 Fridge/Freezer.

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

Do not remove items from the Fridge/Freezer 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.

Manufacturer’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 Fridge/Freezer. The Fridge/Freezer 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 Fridge/Freezer.

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.

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.

R600a WARNINGS

NOTE: This model uses 0.049Kg of R600a flammable refrigerant in its sealed system.

The following must be observed for your safety:

R600a Refrigerant Warning

- This appliance contains a small quantity of R600a refrigerant which is environmentally friendly, but flammable. It does not damage the ozone layer, nor does it increase the greenhouse effect.
- During transportation and installation, ensure that the tubing of the refrigerant circuit is not damaged.
- Leaking refrigerant can ignite and may damage the eyes.
- In the event any damage does occur, avoid exposure to open fires and any device which creates a spark. Disconnect the appliance from the mains power.
- Thoroughly ventilate the room in which the appliance is located for several minutes.
- Notify Customer Service for necessary action and advice.
- The room for installing the appliance must be at least 1 cubic metre per 8 grams of refrigerant. The refrigerant quantity contained in this appliance is listed above in grams; it is also noted on the Rating Plate of the appliance.

It is hazardous for anyone other than an Authorized Service Person to carry out servicing or repairs to this appliance. In Queensland the authorized person must hold a Gas Work Authorization for hydrocarbon refrigerants, before carrying out servicing or repairs which involve the removal of covers.

WARNING

1. Keep ventilation openings, in the appliance enclosure or in the built-in structure, clear of obstruction.
2. Do not use mechanical devices or other means to accelerate the defrosting process, other than those recommended by the manufacturer.
3. Do not damage the refrigerant circuit.
4. Do not use electrical appliances inside the food storage compartments of the appliance, unless they are of the type recommended by the manufacturer.
5. Do not store explosive substances such as aerosol cans with a flammable propellant in the appliance.
6. 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.

The environment and personal safety must be considered when disposing of this appliance. Please ensure the appliance is taken to a recycle center for safe recycling. DO NOT dispose of the appliance in land fill as the insulation and refrigerant gas contained in these appliances are flammable.

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.

About Freon-free refrigerator

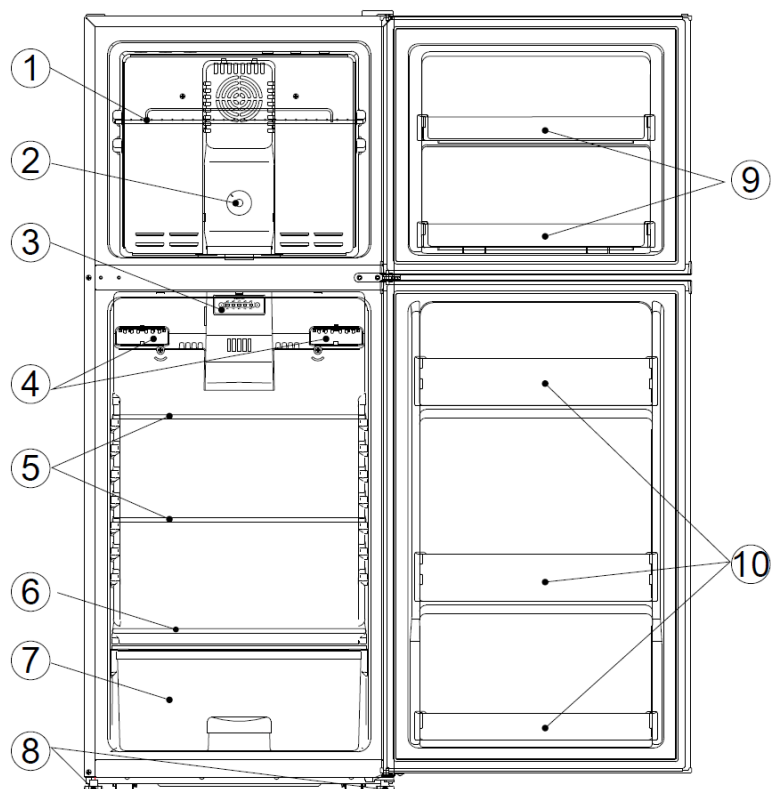
Locks

If your Fridge/Freezer 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 Fridge/Freezer 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 Fridge/Freezer. The Fridge/Freezer is for indoor, domestic use only.



No	Description
1	Freezer shelf
2	Freezer temperature control knob
3	Sticking refrigeration temperature control
4	LED light
5	Refrigerator shelves
6	Crisper cover
7	Crispers
8	Adjustable feet
9	Freezer bottle storage shelf
10	Refrigerator bottle storage shelves

INSTALLATION

Installing Your Refrigerator

This appliance is designed to be free standing only, and should not be recessed or built-in. Place your refrigerator on a floor that is strong enough to support the refrigerator when it

is fully loaded.

Allow 5 inches of space between the back and sides of the refrigerator, which allows the proper air ventilation. Adjust the feet to keep the refrigerator level.

Locate the refrigerator away from direct sunlight and sources of heat (stove, heater, radiator, etc.). Direct sunlight may affect the acrylic coating and heat sources may increase electrical consumption. Ambient temperature below 50°F or above 85°F will hinder the performance of this appliance. This unit is not designed for use in a garage or any other outside installation.

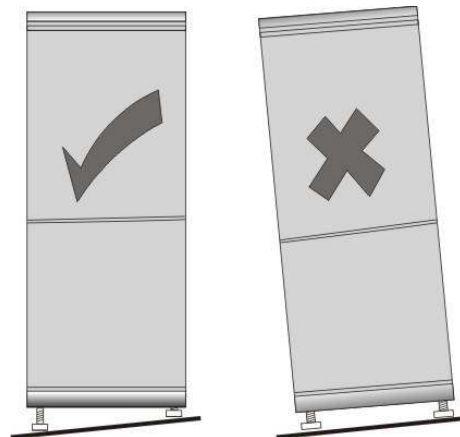
Avoid locating the refrigerator in moist areas.

Plug the refrigerator into dedicated, properly installed-grounded wall outlet. Do not under any circumstances cut or remove the third (ground) prong from the power cord. Any questions concerning power and/or grounding should be directed toward a certified electrician or an authorized service center. This unit is not designed to be installed in an RV or used with an inverter.

After plugging the appliance into a wall outlet, turn the unit on and allow the unit to cool down for 2~3 hours under before placing food in the refrigerator or freezer compartment.

Leveling the Fridge/Freezer

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



Cleaning before use

Wipe the inside of the Fridge/Freezer 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 Fridge/Freezer. The external parts of the Fridge/Freezer 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 Fridge/Freezer.

Before switching on!

DO NOT SWITCH ON UNTIL FOUR HOURS AFTER MOVING THE FRIDGE/FREEZER. 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 Fridge/Freezer

Before storing foods in your Fridge/Freezer, turn the Fridge/Freezer on and wait for 24 hours, to make sure it is working properly and to allow the Fridge/Freezer to fail 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 220-240V 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.

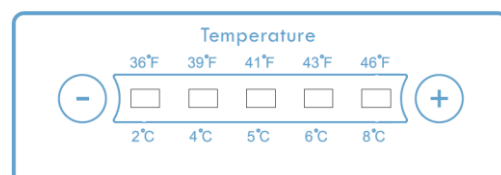
Do not use an extension cord with this appliance. If the power cord is too short, have a qualified electrician or service technician install an outlet near the appliance. Use of an extension cord can negatively affect the performance of the unit.

START

OPERATING YOUR REFRIGERATOR

Temperature Control

- Your refrigerator has one control for regulating the temperature. The temperature control is located on the top center of the refrigerator compartment.

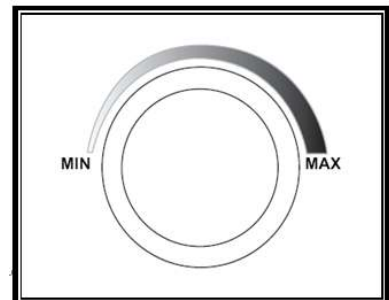


- The first time you turn the unit on, select "2°C" and run for at least 2 hours before putting foods inside. This will ensure the cabinet is thoroughly chilled before food is put in.
- The range of the REFRIGERATOR temperature control is from "8°C" the warmest to "2°C" the coldest. Adjust the temperature control to the setting that best suits your needs. The setting of "5°C" should be appropriate for home or office refrigerator use.
- **NOTE;**
 - If the unit is unplugged, loses power; you must wait 3 to 5 minutes before restarting the unit. If you attempt to restart before this time delay, the refrigerator will not start.
 - Large amounts of food will lower the cooling efficiency of the appliance.
 - Do not place the foods on the air outlet, and leave spaces for airflow.
 - If you choose to change the thermostat setting, adjust thermostat control by one increment at a time. Allow several hours for temperature to stabilize between adjustments.
 - Adjusting the temperature control in the refrigerator compartment will affect the temperature in both the refrigerator and the freezer compartment.

OPERATING FREEZER COMPARTMENT

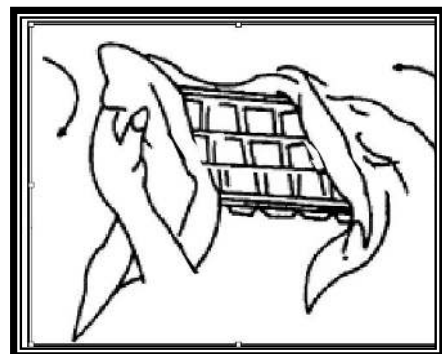
Temperature Control

- Your refrigerator has one control for regulating the temperature in the freezer compartment. The temperature control is located on the center of the freezer compartment's interior back panel.
- The first time you turn the unit on, adjust the temperature control knob to "MAX" and run for at least 2 hours before putting foods inside. This will ensure the cabinet is thoroughly chilled before food is put in.
- The range of the FREEZER temperature control is from position "MIN" the warmest to "MAX" the coldest. Adjust the temperature control to the setting that best suits your needs.



Ice Tray

It is for making ice, pour cool water into ice tray up to its 4/5 volume, place it in ice making chamber for two hours and the ice can be made automatically. When you want to take ice cubes, please twist the ice tray, and the ice cubes are separated from the ice tray. But do not



bend it, otherwise it will crack. If you want to shorten the time of making ice, you can set the temperature control knob at "MAX".

Notes:

Do not store can foods or food stored in glass containers in the freezer compartment.

The Freezer Compartment

- This compartment is designed for the long-term storage of frozen food. Storage time period is up to three months.
- The storage life of frozen foods varies and the recommended storage time should not be exceeded.
- Place frozen food into the freezer as quickly as possible after purchase. If there are instructions on the packet, carefully follow these instructions regarding storage times.

In Use

1. The appliance might not operate consistently (possibility of defrosting of contents or temperature becoming too warm in the frozen food compartment) when sited for an extended period of time below the cold end of the range of temperatures for which the refrigerating appliance is designed
2. The fact that the climate class is **T**, and the room temperature of between **10°C** and **43°C**
3. The fact that the internal temperatures could be affected by such factors as the location of the refrigerating appliance, ambient temperature and the frequency of door opening, and, if appropriate, a warning that the setting of any temperature control device might have to be varied to allow for these factors
4. The fact that effervescent drinks should not be stored in food freezer compartments or cabinets or in low-temperature compartments or cabinets, and that some products such as water ices should not be consumed too cold
5. The need to not exceed the storage time(s) recommended by the food manufacturers for any kind of food
6. The fact that a rise in temperature of the frozen food during manual defrosting, maintenance or cleaning could shorten the storage life
7. It is better wrapping the frozen food in several layers of the glass shelves.
8. the care required with regard to frozen food in storage in the event of an extended non-running of the refrigerating appliance (interruption of power supply or failure of the refrigerating system)
9. The door to the evaporator clearance can be used to store food.

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.

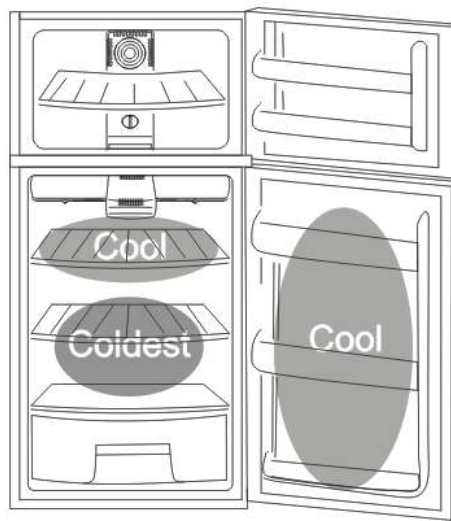
Where to store your foods in the fridge**Cool area**

This is where to store foods which will keep longer if they are kept cool. Milk, eggs, yogurt, fruit juices, hard cheeses eg. Cheddar. Opened jars and bottles of salad dressings, sauces and jams. Fats, eg. Butter, margarine, low-fat spreads, cooking fats and lard.

Coldest area

This is where foods which must be cold to keep them safe should be kept:

- Raw and uncooked foods should always be wrapped.
- Pre-cooked chilled foods, eg. Ready meals, meat pies, soft cheeses.
- Pre-cooked meats eg. Ham,
- Prepared salads(including pre-packed mixed green salads, rice, potato salad etc).
- Desserts, eg. Fromage frais, home-prepared food and leftovers or cream cakes.



Salad bin

This is the most humid part of the Fridge. Vegetables, fruit, fresh salad items eg. Unwashed whole lettuce, whole tomatoes, radishes etc can be stored here.

WE RECOMMEND THAT ALL PRODUCE KEPT IN THE SALAD BIN IS WRAPPED.

NOTE: Always wrap and store raw meat, poultry and fish on the lowest shelf at the bottom of the fridge. This will stop them dripping onto, or touching other foods. Do not store inflammable gasses or liquids in the fridge.

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 Fridge/Freezer temperature

Check the temperature of the frozen food cabinet in the shop where you buy your frozen foods. It should show a temperature lower than -15°C

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.

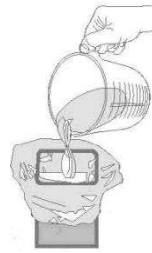
Freezing fresh foods

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 (approx -30°C), 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 Fridge/Freezer

You should clean the Fridge/Freezer 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 Fridge/Freezer.

Cleaning outside the Fridge/Freezer

Use standard non-abrasive detergent diluted in warm water to clean the Fridge/Freezer exterior.

The grille of the condenser at the back of the Fridge/Freezer 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 Fridge/Freezer

TROUBLESHOOTING AND MAINTENANCE

Trouble Shooting

Power cut

If the internal temperature of the Fridge/Freezer compartment is -15°C or less when the power returns, your food is safe. The food in your Fridge/Freezer will remain frozen for approx 16 hours with the door closed. Do not open the Fridge/Freezer door more than necessary.

The Fridge/Freezer is exceptionally cold

You may have accidentally set the refrigerator temperature to a higher position.

The Fridge/Freezer is exceptionally warm

The compressor may not be working. Set the refrigerator temperature to maximum setting and wait a few minutes. If there is no humming noise, it is not working. Contact the local store where your purchase was made.

The Fridge/Freezer is not working

Check it is plugged in and switched on. Check that the fuse in the plug has not blown. Plug In another appliance, such as a lamp, to see if the socket is working. The Fridge/Freezer should be placed in a well ventilated room with an ambient temperature of between 10°C and 43°C . Leave the Fridge/Freezer for 30 minutes.

Condensation appears on the outside of the Fridge/Freezer

This may be due to a change in the room temperature. Wipe off any residue of moisture. If the problem continues contact the local store where your purchase was made.

GURGLING, WHOOSHING

These noises are caused by the circulation of the refrigerant liquid in the cooling system. It has become more pronounced since the introduction of CFC free gases. This is not a fault and will not affect the performance of your Fridge/Freezer.

HUMMING, PURRING OR PULSATING

This is the compressor motor working, as it pumps the refrigerant around the system.

Moving the Fridge/Freezer

Location

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

Leveling the Fridge/Freezer

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

Do not turn on the Fridge/Freezer for 4 hours

After the Fridge/Freezer 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.

Vacation 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.

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.

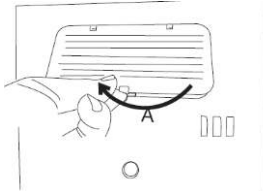
Changing the Light Bulb

Before removing the light bulb, turn off the refrigerator first and then unplug the unit from the wall outlet. Failure to do so could result in electrical shock or personal injury.

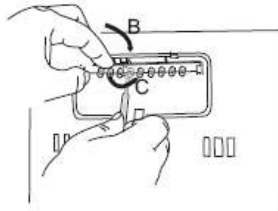
- As shown in Figure step 1, remove the lamp cover;
- As shown in Figure step 2, use left hand to press the LED light panel to inside along the direction of arrow B and pull out the circuit boards along the direction of "arrow C" with

flat head screwdriver.

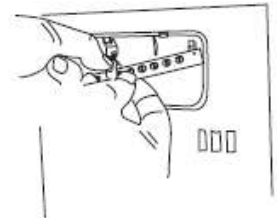
- As shown in Figure step 3, hold down of wire terminal with left hand and remove the LED lamp circuit with right hand seizing the other wire terminal .
- Replace with LED light that is the same shape and size.
- Reinstall the LED light panel and lamp cover.



Step 1



Step 2



Step 3

DOOR REVERSAL INSTRUCTIONS

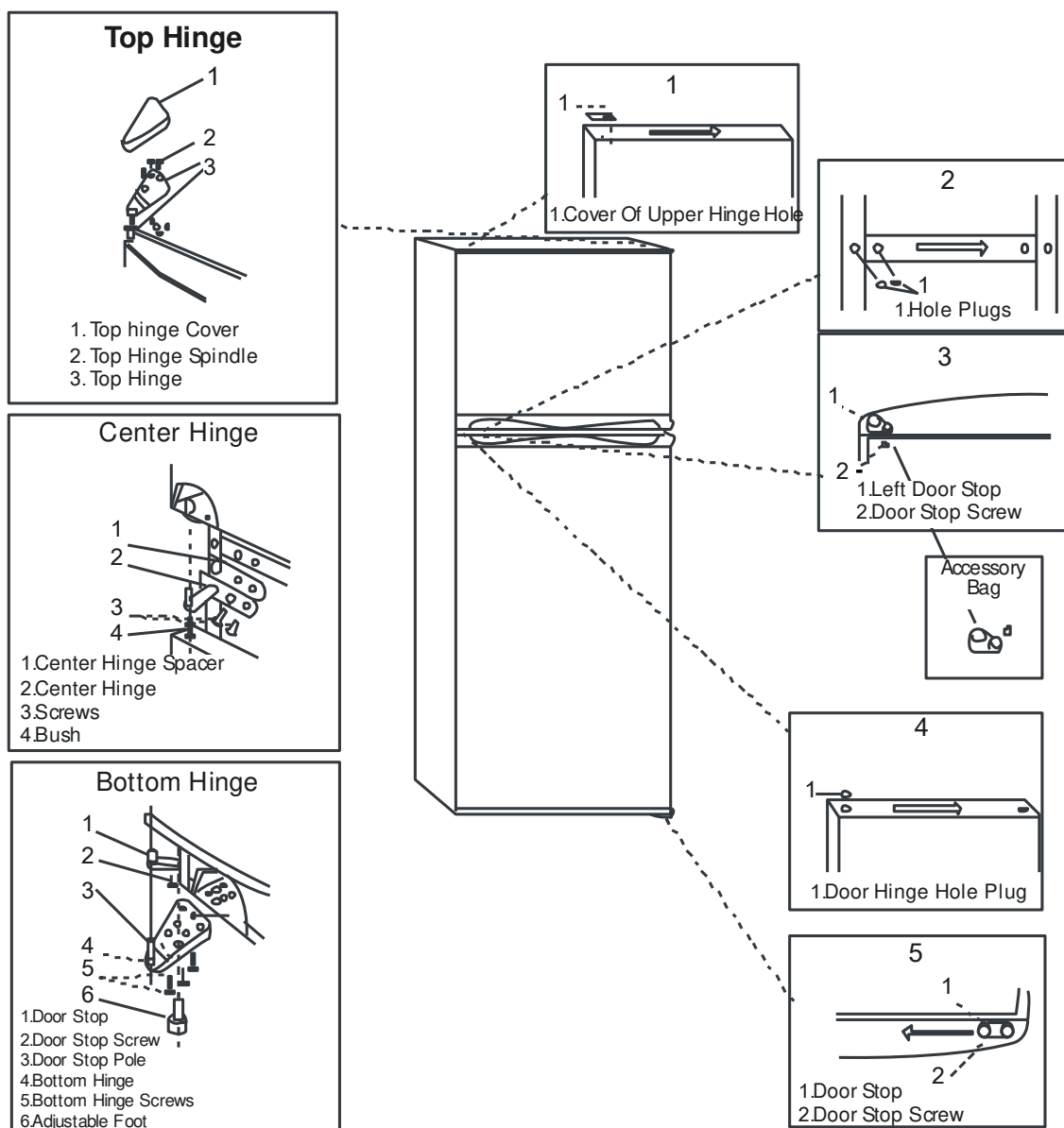
NOTE: The left door and the right door stop of the freezer door are different. They can't replace each other.

DOOR AND HINGE REPLACEMENT

1. Replace the parts for the bottom hinge as shown (see Bottom Hinge graphic). Tighten screws. Replace the refrigerator door.
NOTE: Provide additional support for the doors while the hinges are being moved. Do not depend on the door magnets to hold the doors in place while you are working.
2. Assemble the parts for the center hinge as shown and tighten all screws (see Center Hinge graphic). Replace the freezer door.
3. Assemble the parts for the top hinge as shown (see Top Hinge graphic). Do not tighten screws completely.
4. Line up the doors so that the bottom of the freezer door aligns evenly with the top of the refrigerator door. Tighten all screws.

FINAL STEPS

1. Check all holes to make sure that hole plugs and screws are in place.
2. Plug in refrigerator or reconnect power.
3. Reset the controls (see "temperature control" section).
4. Return all removable door parts to doors and food to product.



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.

WARNING!

* "DANGER – Risk Of Fire or Explosion. Flammable Refrigerant Used. Do Not Use Mechanical Devices To Defrost Refrigerator. Do Not Puncture Refrigerant Tubing".

* "DANGER – Risk Of Fire Or Explosion. Flammable Refrigerant Used. To Be Repaired Only By Trained Service Personnel. Do Not Puncture Refrigerant Tubing".

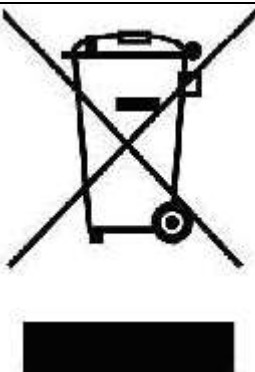


* "CAUTION – Risk Of Fire Or Explosion. Flammable Refrigerant Used. Consult Repair Manual/Owner's Guide Before Attempting To Service This Product. All Safety Precautions Must be Followed".

* "CAUTION – Risk Of Fire Or Explosion. Dispose Of Property In Accordance With Federal Or Local Regulations. Flammable Refrigerant Used".

* "CAUTION – Risk Of Fire Or Explosion .Due To Puncture Of Refrigerant Tubing; Follow Handling Instructions Carefully. Flammable Refrigerant Used".

Due to product's changing and improving, the exact product for the consumer may not correspond with some details in the instruction. Please accept our apology for no information in advance.

Correct Disposal of this product	
	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.

Any other enquiry, please call our service centre as: 1300 796 688.

