



The Creative Life

## Frost-free Refrigerator Operating Instructions

C440BFB  
C440BFG  
C440BFC  
C440BFN  
C440BFS  
C440BFW

■ Please carefully read the operation instructions before powering on, and keep them safe for future reference.

■ The products may subject to changes without notice.



## Contents

Congratulations on purchasing this TCL refrigerator. We hereby express our thanks.

Safety instructions .....	P2
Product introduction .....	P7
Handling and placement .....	P8
Preparations prior to use .....	P9
Operation keys .....	P10
Operation and diagram of display board .....	P11
Food storage .....	P12
Door Reversal.....	P13
Operation keys.....	P14
Operation notes .....	P15
Care and maintenance .....	P16
Failure analysis .....	P17
Non-failures .....	P17
Technical parameter .....	P18

1. **T**his 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.

2. **I**f 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.

3. **T**his 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.

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

5. **WARNING:** Do not use mechanical devices or other means to accelerate the defrosting process, other than those recommended by the manufacturer.

6. **WARNING:** Do not damage the refrigerant circuit.

7. **WARNING:** Do not use electrical appliances inside the food storage compartments of the appliance, unless they are of the type recommended by the manufacturer.

8. **D**o not store explosive substances such as aerosol cans with a flammable propellant in this appliance.

9. **T**his appliance is intended to be used in household and similar applications such as

- **S**taff kitchen areas in shops, offices and other working environments;
- **F**arm houses and by clients in hotels, motels and other residential type environments;
- **B**ed and breakfast type environments;
- **C**atering and similar non-retail applications.

## **Safety information**


In the interest of your safety and to ensure the correct use, before installing and first using the appliance, read this user manual carefully, including its hints and warnings. To avoid unnecessary mistakes and accidents, it is important to ensure that all people using the appliance are thoroughly familiar with its operation and safety features. Save these instructions and make sure that they remain with the appliance if it is moved or sold, so that everyone using it through its life will be properly informed on appliance use and safety.


For the safety of life and property keep the precautions of these user's instructions as the manufacturer is not responsible for damages caused by omission.

### **Children and vulnerable people safety**

- 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 should be supervised to ensure that they do not play with the appliance.
- Cleaning and user maintenance shall not be made by children unless they are aged from 8 years and above and supervised.
- Keep all packaging well away from children. There is risk of suffocation.
- If you are discarding the appliance pull the plug out of the socket, cut the connection cable (as close to the appliance as you can) and remove the door to prevent playing children to suffer electric shock or to close themselves into it.
- If this appliance featuring magnetic door seals is to replace an older appliance having a spring lock (latch) on the door or lid, be sure to make that spring lock unusable before you discard the old appliance. This will prevent it from becoming a death trap for a child.

### **General safety**

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


 **WARNING!** Do not use mechanical devices or other means to accelerate the defrosting process, other than those recommended by the manufacturer.

 **WARNING!** Do not damage the refrigerant circuit.





## **Safety information**

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 **WARNING!** Do not use other electrical appliances (such as ice cream makers) inside of refrigerating appliances, unless they are approved for this purpose by the manufacture.

- Do not store explosive substances such as aerosol cans with a flammable propellant in this appliance.
- The refrigerant isobutane (R600a) is contained within the refrigerant circuit of the appliance, a natural gas with a high level of environmental compatibility, which is nevertheless flammable.
- During transportation and installation of the appliance, be certain that none of the components of the refrigerant circuit become damaged.
  - In case of leakage of any flammable gas such as natural gas, it is necessary to close the leaking valve first and the open windows for ventilation. Do not unplug the refrigerator connector immediately to prevent the risk of fire or explosion due to an electric spark.
  - It is dangerous to alter the specifications or modify this product in any way. Any damage to the cord may cause a short circuit, fire and/or electric shock.
- 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.

 **WARNING!** All servicing must be carried out by an authorised service agent in order to not void the warranty.

 **WARNING!** Please check the power cord regularly, if the power cord is damaged it must be replaced by the manufacturer, its service agent or similarly qualified person


 **WARNING!**  Risk of fire/flammable materials

 **WARNING!** Do not place multiple portable socket outlets (power boards) or power supplies at the rear of the appliance.

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1) If there is a light in the compartment.

## Safety information

- Power cord must not be lengthened.
-  **WARNING!** When positioning the appliance ensure the supply cord is not trapped or damaged. A squashed or damaged power plug may overheat and cause a fire.
- Make sure that you have easy access to the mains plug of the appliance.
- Do not pull the mains cable.
- If the power plug socket is loose, do not insert the power plug. There is a risk of electric shock or fire.
- This appliance is heavy. Care should be taken when moving it.
- Do not remove nor touch items from the freezer compartment if you hands are damp/wet, as this could cause skin abrasions or frost/freezer burns.
- Avoid prolonged exposure of the appliance to direct sunlight.

### Daily use

- Do not put hot items on the plastic parts in the appliance.
- Do not place food products directly against the rear wall.
- Frozen food must not be re-frozen once it has been thawed out.<sup>1)</sup>
- Store pre-packed frozen food in accordance with the frozen food manufacture's instructions.<sup>1)</sup>
- Appliance's manufactures storage recommendations should be strictly adhered to. Refer to relevant instructions.
- Do not place carbonated or fizzy drinks in the freezer compartment as it creates pressure on the container, which may cause it to explode, resulting in damage to the appliance.<sup>1)</sup>
- Ice lollies can cause frost burns if consumed straight from the appliance.

### Care and cleaning

- Before maintenance, switch off the appliance and disconnect the mains plug from the mains socket.
- Do not clean the appliance with metal objects.
- Do not use sharp objects to remove frost from the appliance. Use a plastic scraper.<sup>1)</sup>
- Regularly examine the drain in the refrigerator for defrosted water. If necessary, clean the drain. If the drain is blocked, water will collect in the bottom of the appliance.<sup>2)</sup>

1) If there is a freezer compartment.

2) If there is a fresh-food storage

## **Safety information**

### **Installation**

**Important!** For electrical connection carefully follow the instructions given in specific paragraphs.

- Unpack the appliance and check if there are damages on it. Do not connect the appliance if it is damaged. Report possible damages immediately to the place you bought it. In that case retain packing.
- It is advisable to wait at least four hours before connecting the appliance to allow the oil to flow back in the compressor.
- Adequate air circulation should be around the appliance, lacking this leads to overheating. To achieve sufficient ventilation follow the instructions relevant to installation.
- Wherever possible the spacers of the product should be against a wall to avoid touching or catching warm parts (compressor, condenser) to prevent possible burn.
- The appliance must not be located close to radiators or cookers.
- Make sure that the mains plug is accessible after the installation of the appliance.

### **Service**



- Any electrical work required to do the servicing of the appliance should be carried out by a qualified electrician or competent person.
- This product must be serviced by an authorized Service Center, and only genuine spare parts must be used. Please refer to the warranty card for further information.
- In Queensland Australia the Authorized Service Provider MUST hold a Gas Work Authorization for hydrocarbon refrigerants to carry out servicing or repairs which involve the removal of covers.


### **Energy saving**

- Don't put hot food in the appliance;
- Don't pack food close together as this prevents air circulating;
- Make sure food don't touch the back of the compartment(s);
- If electricity goes off, don't open the door(s);
- Don't open the door(s) frequently;
- Don't keep the door(s) open for too long time;
- Don't set the thermostat on exceeding cold temperatures;
- Some accessories, such as drawers, can be removed to get larger storage volume and lower energy consumption.

## **Safety information**

### **Environment Protection**

 This appliance does not contain gasses which could damage the ozone layer, in either its refrigerant circuit or insulation materials. The appliance shall not be discarded together with the urban refuse and rubbish. The insulation foam contains flammable gases: the appliance shall be disposed according to the appliance regulations to obtain from your local authorities. Avoid damaging the cooling unit, especially the heat exchanger. The materials used on this appliance marked by the symbol  are recyclable.

 The symbol on the product or on its packaging indicates that this product may not be treated as household waste. Instead it should be taken to the appropriate collection point for the recycling of electrical and electronic equipment. By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate waste handling of this product. For more detailed information about recycling of this product, please contact your local council, your household waste disposal service or the shop where you purchased the product.

### **Packaging materials**

The materials with the symbol are recyclable. Dispose the packaging in a suitable collection containers to recycle it.

### **Disposal of the appliance**

1. Disconnect the mains plug from the mains socket.
2. Cut off the mains cable and discard it.
3. Remove doors so not to entrap small children

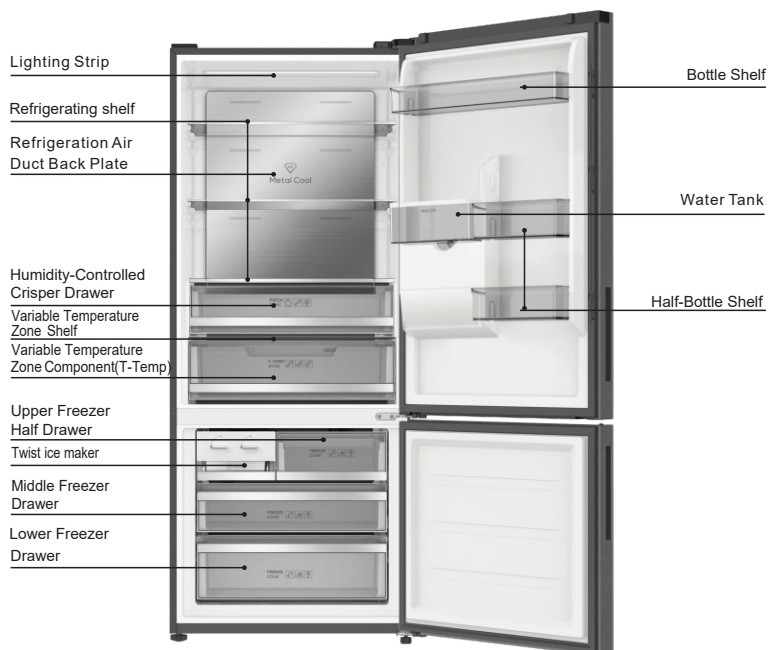
### **WARNING: RISK OF CHILD ENTRAPMENT**

Child entrapment and suffocation are not problems of the past. Junked or abandoned refrigeration products are still dangerous- even if they sit for a "just a few days". If you are getting rid of your old appliance, please follow the below instructions to help prevent accidents.

Before You Throw Away Your Old Refrigeration Product:

- Take off the doors
- Leave the shelves in place so that children may not easily come inside.

## Product introduction



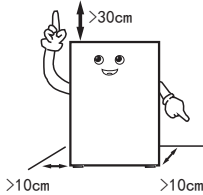
The pictures are for reference only. Please refer to the object

### ***Warm prompt:***

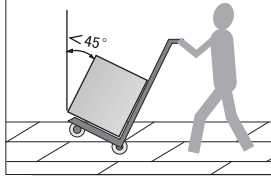
Product specifications subject to change.

## Handling and placement

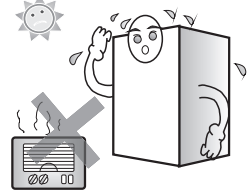
Please leave the minimum recommended space on the sides, back and top of the refrigerator



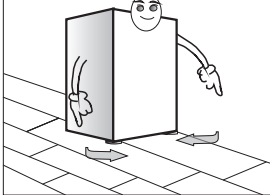
Do not trolley the refrigerator from the front or back



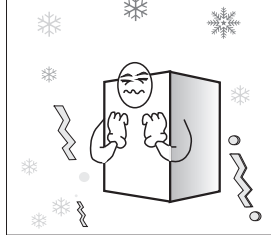
The refrigerator shall be placed in an environment which is dry, has good ventilation, far from direct sunshine and heat source.



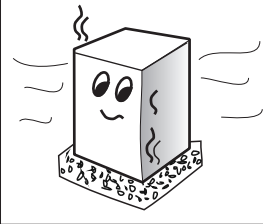
The refrigerator shall be placed on a flat and firm surface. If the ground is not flat, adjust the adjusting leg to keep it level.



Never place the refrigerator into a very cold environment that may get frozen.



Do not operate the refrigerator on the foam base it was shipped on. This will help heat dissipation and reduce the risk of fire.

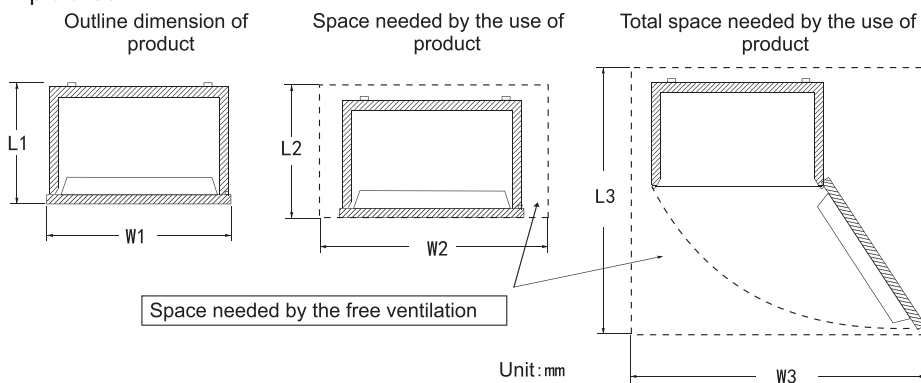


### **Warm prompt:**

- When handling the refrigerator, at least two people are required – one lifts the top rear part, the other one handles the bottom .
- When moving the refrigerator, the lower runner may damage and scratch the floor. If you need to move the refrigerator for a long distance, the internal accessories must be fixed using adhesive tape. Otherwise, the accessories may get damaged by crashing into each other.
- Please place the refrigerator in a position with small exposure to vibration.
- Sufficient clearance shall be left around the refrigerator. If the clearance is too small or goods are placed on the top or close to the side, the heat dissipation of refrigerator will be affected, and thus to cause unnecessary electric energy waste as well as burn out of the wall and other goods; the contact between the back and wall will cause vibration and noise;
- Adjust the front part and adjusting leg of the refrigerator to level it. An unlevelled refrigerator will cause vibration and noise.

## Handling and placement

The outline dimension of the product and the space needed by the use of product are shown in the following pictures:



Outline dimension of product		Space needed by the use of product		Total space needed by the use of product	
L1	W1	L2	W2	L3	W3
689	703	>L1+100	>W1+200	>L1+690	>W1+600

## Preparations prior to use

1. Remove all packing materials such as adhesive tape, plastic bags, etc., especially the foam base.
2. Use a warm wet cloth to clean both interior and exterior of the refrigerator, (neutral detergent can be added to warm water).
3. After leveling and cleaning the refrigerator, keep it upright for about 2 hours before plugging in the power for the first time. Let the refrigerator run for 2 to 3 hours before storing foods.

### 1. Remove fixing tape

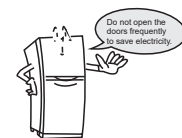


In hot summer, 24 hours are needed to fully freeze the food. Check the refrigerating condition on the second day.

### 2. Connect to power



### 3. Store food after connecting to power for 2-3 hours



The plastics deodorant will disappear automatically after freezing for a while.

The appliance should be located in the coolest area of the room, away from heat producing appliances or heating ducts, and out of the direct sunlight.

Let hot foods cool to room temperature before placing in the appliance. Overloading the appliance forces the compressor to run longer. Foods that freeze too slowly may lose quality, or spoil.

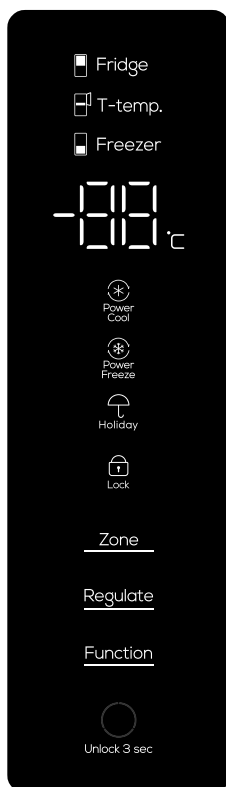
Be sure to wrap foods properly, and wipe containers dry before placing them in the appliance. This cuts down on frost build-up inside the appliance.

Appliance storage bin should not be lined with aluminum foil, wax paper, or paper toweling. Liners interfere with cold air circulation, making the appliance less efficient.

Organize and label food to reduce door openings and extended searches. Remove as many items as needed at one time, and close the door as soon as possible.

Please refer to the product introduction picture on page 5 for the placement of accessories.

### Operation and diagram of the electronic control panel





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## Operation keys

### Powering on for the first time

When it is powered on for the first time, the refrigerator will start the intelligent mode and run at 5 °C for the refrigerator chamber, 4 °C for the Variable greenhouse and -18 °C for the freezer chamber.

### Child lock function

Turn on: when there is no key operation on the display screen, after 30 seconds, the keyboard is automatically locked and the child lock function is turned on;

Turn off: when the display screen is in the locked state, press the "unlock 3 sec" key and hold it for 3 seconds to unlock, and the child lock function is turned off.

### Manual temperature adjustment

When there is no key operation on the display within 30 seconds, the display will go out automatically, and the keyboard will be automatically locked. When the display is off, press the button for the first time to wake up the display; press and hold the "unlock 3 sec" button for 3 seconds to unlock, and then press the button again to make the button function effective.

### Refrigerator chamber temperature adjustment (2°C ~ 8°C)

In the unlocked state, repeatedly press the "Zone" button until the refrigerated storage temperature area is lit, and then presses the "Regulate" button to adjust the temperature of the refrigerator chamber. The temperature of the refrigerator chamber should be set between "02" - "03" - "04" - "05" - "06" - "07" - "08" - "02". Select the appropriate temperature to stop the key operation, and then set the temperature range for confirmation.

### Freezer chamber temperature adjustment (-24°C ~ -15°C)

In the unlocked state, repeatedly press the "Zone" button until the freeze storage temperature area is lit, and then presses the "Regulate" button to adjust the temperature of the freezer chamber. The temperature of the freezer chamber should be set between "-24" - "-23" - "-22" - "-21" - "-20" - "-19" - "-18" - "-17" - "-16" - "-15" - "-24". Select the appropriate temperature to stop the key operation, and then set the temperature range for confirmation.

### Temperature adjustment in the variable temperature zone (T-Temp) (C440BFB/W/S/N/C/G)

In the unlocked state, repeatedly press the "Zone" button until the T-temp space lights up, then press the "Regulate" button to adjust the temperature in the variable temperature space. Each press of the "Regulate" button lowers the temperature by one level. The set temperature in the variable temperature zone cycles between "4" - "1" - "3" - "4". When the temperature setting is complete, the set temperature level is confirmed.

When the refrigerator compartment is set to "OF",

the variable temperature space displays the "OF" level, and the variable temperature space level cannot be adjusted.

### Power Cool function

When the refrigerator is under unlock state, press "Function" button repeatedly till the "Power Cool" icon blinks, after that, stop the key operation and wait for 3 seconds to enter refrigerator chamber power cool function. You can quit the power cool function with the same operation. Once entering "Power Cool", The Refrigerator will automatically quit the power cool function after entering it for 2 hours.

Under "Power Cool" state, the setting temperature for the refrigerator chamber is displayed by 2°C till quitting the function. Under "Power Cool" state, when setting other functions, you may automatically quit the power cool function. Under "Power Cool" state, you will automatically quit the power cool function when the refrigerating door is opened over 3 minutes. (Under "Power Cool" state, when setting other functions, you may automatically quit the power cool function)

### Power Freeze function

When the refrigerator is under unlock state, press "Function" button repeatedly till the "Power Freeze" icon blinks, after that, stop the key operation and wait for 3 seconds to enter freezer chamber power freezing function. You can quit the power freezing function with the same operation. Once entering "Power Freeze", the refrigerator will automatically quit the power freezing function after it is under in high freezing status for 4 hours.

Under "Power Freeze" state, the setting temperature for the freezer chamber is displayed by  $-32^{\circ}\text{C}$  till quitting the function. Under "Power Freeze" state, when setting other functions, you may automatically quit the power freezing function.

(Under "Power Freeze" state, when setting other functions, you may automatically quit the power freezing function)

### Holiday function

In the unlocked state, press the "Function" key repeatedly until the "Holiday" icon flashes, stop the key operation and wait for 3 seconds to enter the holiday function. In holiday mode, the position of refrigerator refrigerating chamber shows "OF", and the refrigerating chamber enters the closed state. (In the "Holiday" state, when other functions are set, the holiday function may be automatically exited)

Note: Before activating the holiday function, please take out the food in the refrigerator chamber .

### Power off memory

When power goes off, the instantaneous working state at the time of power off will be locked. After power on, it will still work according to the setting before power off.

### Door alarm

If the refrigerator is not closed tightly or stays open for more than 1 minute, beep issue "Di, Di, Di". Press any key to pause the alarm; send an alarm again after 1 minute; close the refrigerator door tightly to stop the alarm.

### Over temperature warning of freezer chamber

When the power is switched on, the temperature of the freezer chamber is higher than  $-12^{\circ}\text{C}$ , the schematic box corresponding to the temperature zone of the freezer chamber is on, and the digital zone flashes. Press any key to display the temperature of the freezer chamber when it is powered on, press the key again or 10 seconds later, it will return to the normal display state.

### Display protection function

If there is no any key operation within 30 seconds, the refrigerator will enter the display protection function, and the keyboard will be automatically locked. In the display protection mode, press any key to exit the display protection function.

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## Operation keys

### **Foods storage**

#### **refrigerator chamber (2°C~8°C)**

- The refrigerator chamber is mainly used for storing short-term foods, like milk, eggs and bottled drink.
- Vegetables, melons and fruits shall be put into the fruit and vegetable box to prevent water loss.
- The cooked foods shall be put into the refrigerator after packaging with the preservative bags, to prevent the back from frosting and the power from increasing.

#### **freezer chamber (-24°C~-15°C)**

- The freezer chamber is used for the foods to be stored for long-term.
- Fish and meat to be frozen shall be cut into small pieces, packaged with preservative bags separately and then put into the frozen drawer.
- The glass container or the sealed container filled with liquid shall not be stored in the freezer chamber, to prevent the risk of burst due to freezing.
- The fresh foods shall not be stored together with the frozen foods.
- Do not place food close to inside wall in freezer lest food and wall should be frozen together.

#### **Adjustable Temperature Space Component (-3, -1, 4°C)**

The appropriate storage space is provided for different types of food such as chilled, fresh, and infant foods:

4°C: Ideal for storing fruits and vegetables, locking in nutrients and preventing nutrient loss.

-1°C: Suitable for storing eggs, dairy products, beverages, sausages, etc.

-3°C: Perfect for storing ready-to-eat fresh meat, seafood, fish, and shrimp.

#### **★ ★ Warm tips:**

Stored food, if any, must not block the air duct outlet and return port as this will affect the performance.

Never place hot foods or liquids in the refrigerator or freezer. Always wait until the foods or liquids cool to room temperature.

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## Door Reversal

For Door Reversal, please contact TCL Customer service for detailed instruction

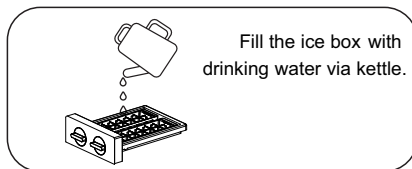
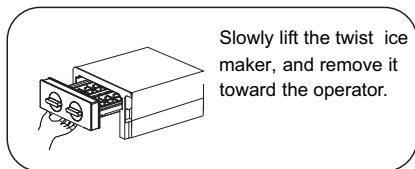
## Operation keys

### Twist Ice Maker Operation Instructions(Available on selected models)

Slowly lift the twist ice maker, and remove it toward the operator.

Fill the ice box with drinking water via kettle.

After a period of time in the refrigerator, twist the knob on the ice maker to release the ice cubes onto the ice box.



### Warm prompt

The twist ice maker is filled with water only. It is prohibited to fill any liquid which is not drinkable. Fill the ice box with drinking water via kettle or other liquid container. Except for regular cleaning, the outer frame of the twist ice maker shall not be directly exposed to water, which otherwise may lead to the risk of function loss. Prior to loading in the refrigerator, check for liquid residue on the outer frame of the twist ice maker. Clean the outer frame with dry towel when necessary.

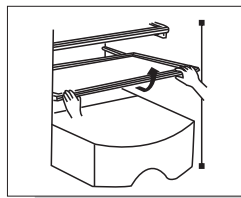
### Troubleshooting

Fault	Cause	Actions
Unable to remove the twist ice maker	Liquid residue on the outer frame of the twist ice maker, which has frozen, thus making the ice maker's adhesion to the refrigerator	After removal of the ice cube pallet, hold the twist ice maker with hand and vibrate it with an attempt to break up the bonded ice cube, and then remove the ice maker.  If the above action fails, switch off the refrigerator, Remove freezer items and drawers. Open the refrigerator door to allow the ice cube bonded onto the ice maker to get defrosted by itself. Finally, remove the ice maker.

## Operation notes

### Disassembly and assembly method of accessory

--Glass shelf in the refrigerating chamber: the height of the shelf is adjustable, which facilitates the storage of articles with different volumes. Pull the shelf outwardly and upwardly in a slight way to take out.

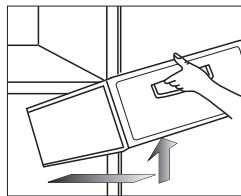


Take out by pulling upwardly and outwardly in a slight way

--Fruit and vegetable box: for storing vegetables and fruits. It can be taken out by pulling outwardly.

--Adjustable temperature space component It is a three-level variable temperature drawer, which allows you to choose between  $-3/-1/4^{\circ}\text{C}$  through visible control, providing suitable storage space for different types of food such as chilled, fresh, and infant foods.

--Drawer in the freezing chamber: storing foods to be preserved for long-term, such as meat and fish. It can be taken out by pulling outwardly and lifting upwardly.



Take out by pulling outwardly and upwardly in a slight way

Kindly tips: It is recommended to put into the large piece of meat after being cut into small pieces, to avoid difficult cutting after being frozen. The quick-freezing foods shall be distributed uniformly and stored together after being frozen.

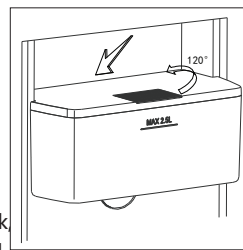
--Refrigerating cabinet door holder: for storing eggs, different kinds of bottled drinks and other fragmentary items. When is disassembled, it can be gently squeezed from both sides to the middle and at the same time observe whether the buckles are removed and then slowly lift it out.

--Caution: do not pull out the refrigerating cabinet door holder forcibly when it is dismantled, so as not to damage the refrigerator

--Water tank assy. : For water storage of water-dispenser .

---Filling the water tank: Flip the tank cover to  $120^{\circ}$ , then feed water into the tank. After feeding water close the cover.

--Installation of water storage tank: Before installing the water storage tank firstly, hold the both sides of the water storage tank by hand with balanced force, and slowly press along the arrow direction until it cannot be pressed further.



Gently pull and get out along the reverse direction of arrow

This indicates that the water storage tank is installed well, otherwise, please continue to install.

--Disassembly of components of water storage tank: The disassembly method of the water storage tank is same with the installation method. Just implement it in the reverse direction.

#### ★★ Warm prompt:

When adding the water in the water storage tank, the water addition cannot exceed the tip line of maximum water storage scale;

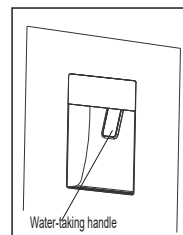
To ensure the water quality, it is suggested to clean the water storage bucket and outlet water pipe regularly.

During the maintenance and cleaning of water storage tank and pipes, it is suggested to disconnect power supply to avoid the accident.

Pay attention to the operating strength when opening the door, lest the water in the storage tank overflowed by opening the door too fast.

## Operation keys

-- Water dispenser: The users can take the drinking water through the equipment at any time according to the own needs,  
- Water taking: When the users want to drink water, they need to press (extrude) the water-taking handle or use the rigid container to press (extrude) the water-taking handle until the water outlet flows the water and after meeting the needs. After taking water, stop pressing(extruding) , release the water-taking handle, and the water stops flowing.



### ★★ Warm prompt:

Before taking water, please ensure the water storage tank has enough drinking water;

Please ensure the water quality in the water storage tank is better without impurities and foreign matters, etc., to avoid blocking the water outlet.

The users are suggested to use 2.5L of drinking water at least in one week to ensure the fresh water source in the water way system.

When taking water, it is suggested to close the door with water dispenser to avoid the shaking of refrigerator door, sprinkling of water and other accidents in the process of taking water.

Due to the different areas and seasons, as well as the instability of indoor environment temperature and humidity, it is the normal phenomenon if the water dispenser has water droplets and condensation in other places except for the water outlet. Please wipe it with towel and duster cloth, will not affect the usage.

## Care and maintenance

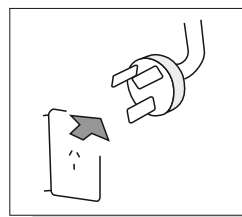
It is suggested to maintain the refrigerator once per month;

--Unplug the power plug to prevent from electric shock;

--Use wet cloth or neutral detergent (cleanser essence) to wipe off the oil contamination and other dirt. Then completely wipe off the detergent.

--Do not use alkaline detergent, soap powder, gasoline and alcohol, talcum powder etc.; otherwise the coats or plastics may be damaged;

--Regularly clean the refrigerator body and clear the ground dusts to keep the refrigerator clean.



Unplug the refrigerator plug before cleaning

Inspections after maintenance:

1. Whether there are damages to the power line and plug;
2. Whether there are dusts on the power plug;
3. Whether there is abnormal heat on the plug;
4. Whether the socket is loose;
5. Whether the plug is totally inserted.

### Note:

If the power line and plug is damaged and there exist dusts, electric shock or fire may occur;

After unplugging the plug, 5 minutes must pass before re-plugging it;

Do not put your hands under the refrigerator to avoid getting hurt.



Please use neutral detergent

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## **Failure analysis**

The following items shall be inspected before occurring failures which require maintenance:

**Failures:** Refrigerator does not work, The refrigeration effect is poor

**Causes:** 1. Check the connection of power supply. 2. Check whether the refrigerator is exposed to direct sunlight or whether there is heat source nearby. 3. Check whether there is heat dissipation space around refrigerator.

**Remedies:** 1. **Connect the power supply.** 2. **Move the refrigerator to a place without direct sunlight and heat source.** 3. Leave sufficient space between refrigerator and wall.

**Failures:** Foods in refrigerating chamber are frozen

**Causes:** 1. Check whether the setting temperature is too low. 2. Check whether foods with too much water are too close to the rear wall.

**Remedies:** 1. Adequately increase the temperature. 2. Move the foods with too much water to the door side of glass shelf

**Failures:** There is abnormal sound in refrigerator

**Causes:** 1. Check whether the bottom of refrigerator is stable. 2. Check whether the refrigerator is too close to the wall. 3. Check whether the refrigerator touches other objects.

**Remedies:** 1. Adjust the bottom adjusting leg to stabilize the refrigerator. 2. Leave sufficient space around refrigerator. 3. Remove the obstacles.

**Failures:** There is abnormal odor in refrigerator

**Causes:** 1. Check whether the foods are sealed for storage. 2. Check whether the refrigerator is clean. 3. Check whether the foods are stored for too long time.

**Remedies:** 1. Sealed foods for storage. 2. Regularly clean the refrigerator. 3. Do not store foods for too long time.

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## **Non-failures**

**Phenomenon:** Heat on two sides and spacing part surface between refrigerating chamber and freezing chamber.

**Cause:** Refrigerator pipes (condenser, anti-fog pipes) are on two sides and front part of refrigerator for heat dissipation and to prevent from condensation.

**Phenomenon:** The door is too tight and not easy to open

**Cause:** Reopening of the door immediately after closing it is hard because hot air enters the refrigerator and contracts to produce pressure difference. It is easy to open the door after a while.

**Phenomenon:** There is water ripple in refrigerator

**Cause:** When starting or stopping the compressor, the refrigerant will make such sound; Water produced after defrosting will also make such sound.

**Phenomenon:** There is "Click" sound or tick sound in refrigerator

**Cause:** Shrinkage and swelling of case will make such sound; When the case is cold or the door is opened, this sound will occur; **Phenomenon:** There is hum sound in refrigerator

**Cause:** Running of compressor will make such sound (if the refrigerator is not leveled, this sound will be louder)

**Phenomenon:** There is condensation or frosting freezing chamber door surface or food surface

**Cause:** Temperature or humidity around the refrigerator is high; The door is opened for too long time; The foods with too much water are not sealed or tightly wrapped

**Phenomenon:** There is condensation on the built-in light surface

**Cause:** Light will produce heat after being lit, and the door is opened for too long time. So there is Temperature difference, and thus the light case will have condensation

**Phenomenon:** There is condensation and water mist on body

**Cause:** Humidity around refrigerator is high, and the moisture in the air will gather in the case to form condensation

## Technical parameter

Model	C440BFB	C440BFG	C440BFC	C440BFN	C440BFS	C440BFW
Climate type	T	T	T	T	T	T
Electric shock resistance	I	I	I	I	I	I
Total Storage Volume	412L	412L	412L	412L	412L	412L
Storage Volume of Fridge	270L	270L	270L	270L	270L	270L
Storage Volume of Freezer	106L	106L	106L	106L	106L	106L
Variable temperature volume	36L	36L	36L	36L	36L	36L
Power type	220-240V~50Hz	220-240V~50Hz	220-240V~50Hz	220-240V~50Hz	220-240V~50Hz	220-240V~50Hz
Rated current	1.65A	1.65A	1.65A	1.65A	1.65A	1.65A
Power consumption	249kWh/y	249kWh/y	249kWh/y	249kWh/y	249kWh/y	249kWh/y
Lamp power	2W	2W	2W	2W	2W	2W
Weight	76kg	76kg	76kg	76kg	76kg	76kg
Dimension(mm)	703*689*1725mm	703*689*1725mm	703*689*1725mm	703*689*1725mm	703*689*1725mm	703*689*1725mm
Refrigerant and charge amount	R600a,52g	R600a,52g	R600a,52g	R600a,52g	R600a,52g	R600a,52g
Noise Volume	39dB(A)	39dB(A)	39dB(A)	39dB(A)	39dB(A)	39dB(A)

Annex	Model	C440BFB	C440BFG	C440BFC	C440BFN	C440BFS	C440BFW
Refrigerating shelf		3	3	3	3	3	3
Humidity-ControlledSpace Component		1	1	1	1	1	1
Adjustable Temperature Space Shelf		1	1	1	1	1	1
Adjustable TemperatureSpace Component		1	1	1	1	1	1
Twist ice maker		1	1	1	1	1	1
Upper Half-Drawer of the Freezer		1	1	1	1	1	1
Middle Drawer of the Freezer		1	1	1	1	1	1
Lower Drawer of the Freezer		1	1	1	1	1	1
Bottle Rack		1	1	1	1	1	1
Water Tank		1	1	1	1	1	1
Half-Bottle Rack		2	2	2	2	2	2
crisper drawer cover		/	/	/	/	/	/
Fruit and Vegetable Drawer Component		/	/	/	/	/	/
Ice-making box		/	/	/	/	/	/
Egg box		1	1	1	1	1	1
Operating instruction		1	1	1	1	1	1



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