■ Images are for reference only. Products are subject to change without notice.
■ Please read the instruction manual carefully before use and keep it for future reference.

TCL

FC400RBD2
FC400RXD2
FC400RWD2
FC400RXD0
FC400RWD0

USER MANUAL

REFRIGERATOR

PLEASE READ ALL INSTRUCTIONS BEFORE USING THIS APPLIANCE

Contents

Thank you for purchasing a TCL refrigerator.

We hope you enjoy using your new TCL refrigerator. We are committed to providing you with excellent service.

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1. 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 the use of the appliance by a person responsible for their safety. Children should be supervised to ensure they do not play with the appliance.

2. If the supply cord is damaged, it must be replaced by the manufacturer, its service agent, or similarly qualified persons to avoid a hazard.

3. This appliance can be used by children aged 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 the safe use of the appliance and understand the hazards involved. Children should not play with the appliance. Cleaning and user maintenance must not be carried out 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. Do not store explosive substances such as aerosol cans with a flammable propellant in this appliance.

9. 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.

10. This product contains a light source of energy efficiency class F for light source ERP, tested with (without) light cover.

1.Warning

Warning: No barrier should be placed around the appliance or within the built-in structure to ensure free ventilation.

Warning: It is forbidden to speed up the defrosting process using any mechanical equipment or by any method other than that recommended by the manufacturer.

Warning: Do not damage the refrigerant circuit.

Warning: Do not use any electrical appliances inside the food chamber of the appliance unless they are of the type recommended by the manufacturer.

Warning: Do not place liquid beverages or food contained in glass containers in the freezing chamber to prevent breakage and shattering.

Warning: If the refrigerator is powered off, it should be powered on again 5 minutes later to prevent damage to the compressor.

Warning: If any live part, abnormal noise, smell, smoke, or other abnormalities are noticed during use, it is essential to immediately power off the appliance and promptly contact the after-sales service department of the company.

Warning: Avoid placing your finger or hand under the refrigerator, especially at the rear bottom, as sharp objects may cause injury.

Warning: Children must not play or climb on the refrigerator. Parents must supervise children to prevent potential danger.

Warning: Avoid placing your hand between the doors to open or close them to prevent jamming your fingers. Always use the door handle to open or close the door.

For refrigerating appliances with climate class

Depending on the climate class, This refrigerating appliance is intended to be used at ambient temperatures range as specified following table.

The climate class can be found on the rating plate. The product may not operate properly at temperatures outside of the specific range.

You can find climate class on label inside of your refrigerator.

Effective temperature range

The refrigerator is designed to operate normally in the temperature range specified by its class rating.

Class	symbol	Ambient Temperature range (°C)
Extended Temperate	SN	+10 to +32
Temperate	N	+16 to +32
Subtropical	ST	+16 to +38
Tropical	T	+16 to +43

NOTE

The cooling performance and power consumption of the refrigerator may be affected by the ambient temperature, the door-opening frequency, and the location of the refrigerator, We recommend adjusting the temperature settings as appropriate.



Warning: Risk of fire / flammable materials

Warning: When positioning the appliance, ensure the supply cord is not trapped or damaged.

Warning: Avoid placing multiple portable socket outlets or power supplies at the rear of the appliance.

Children aged 3-8 and individuals with limited capacity are prohibited from loading or unloading refrigeration equipment. Prolonged door opening can lead to a significant increase in temperature within the appliance compartments.

Regularly clean surfaces that come into contact with food and accessible drainage systems.

Clean water tanks if they have not been used for 48 hours; flush the water system connected to a water supply if water has not been drawn for 5 days.

Store raw meat and fish in suitable containers in the refrigerator to prevent contact with or dripping onto other food.

Two-star frozen-food compartments are suitable for storing pre-frozen food, storing or making ice-cream and making ice cubes.

One-, two-, and three-star compartments are not suitable for freezing fresh food.

If the refrigerating appliance is left empty for extended periods, switch it off, defrost, clean, dry, and leave the door open to prevent mould development within the appliance.

2. Cautions

Cautions: The power supply for this product must match the power supply stated on the nameplate, and a standard independent 3-hole socket rated above 10A and reliably grounded must be used. Avoid sharing one socket among multiple appliances to prevent overheating and potential fire hazards.

Cautions: Avoid pulling the power wire by hand. Always hold and unplug the power connector from the socket to disconnect the power supply.

Do not touch the power wire or connector with wet hands to prevent the risk of electric shock.

Cautions: Do not allow the power wire to be squeezed by the refrigerator or any heavy load, and avoid extreme bending of the power wire.

Damage or peeling of the power wire may lead to fire or electric shock hazards.

If the power wire is broken or cut, please contact the after-sales service department immediately for assistance.

Cautions: Do not store any flammable or explosive materials, corrosive acids, or alkaline substances in the refrigerator.

Cautions: Do not use the refrigerator in rainy conditions or under direct sunlight.

Cautions: Do not place containers with fluids on the refrigerator, as breakage or overturning of the container may compromise the electrical insulation of the refrigerator, leading to electric shock or fire hazards.

Cautions: The refrigerator must not be disassembled or modified without permission. The repair of refrigerator must be performed by the specialist.

Cautions: In the event of a leakage of any flammable gas such as coal gas, first, close the leaking valve, then open the window for ventilation. Do not unplug the refrigerator connector immediately to avoid the risk of fire or explosion due to electric sparks.

Cautions: Refrigerating appliances, especially refrigerator-freezers Type I, may not operate consistently if sited for an extended period below the cold end of the temperature range for which the appliance is designed. This may result in defrosting of contents or the temperature becoming too warm in the frozen food compartment.

Cautions: Effervescent drinks should not be stored in food freezer compartments or cabinets, or in low-temperature compartments or cabinets. Additionally, some products, such as iced water, should not be consumed when excessively cold.

Cautions: Do not exceed the storage times recommended by food manufacturers for any kind of food.

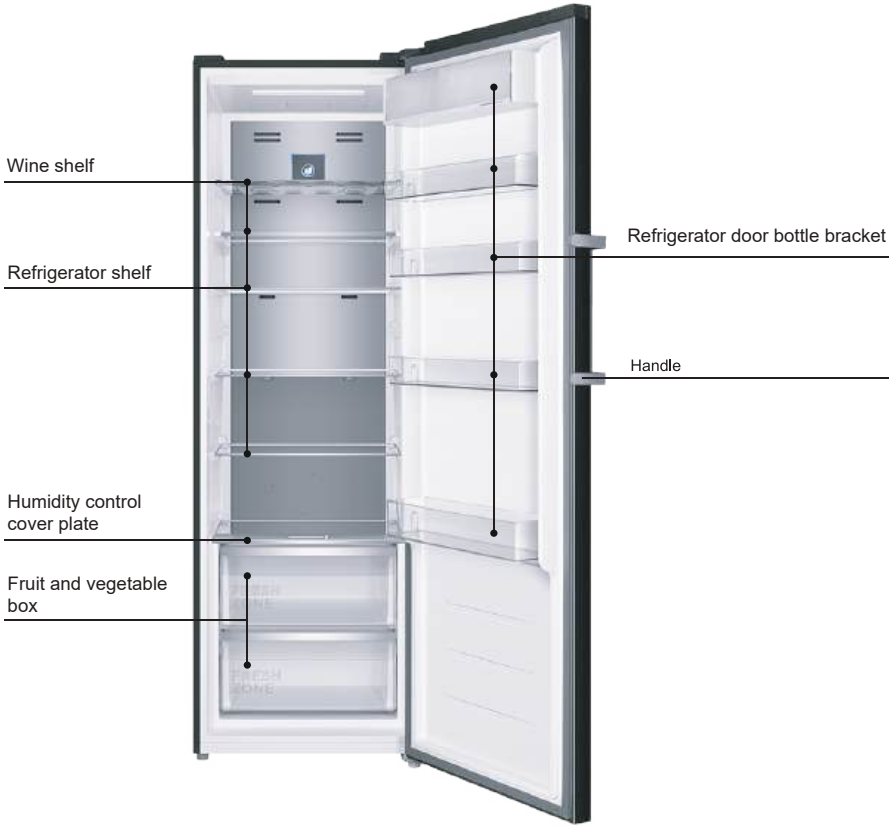
Cautions: Take precautions to prevent an undue rise in the temperature of frozen food while defrosting the refrigerating appliance.

Cautions: The rise in temperature of frozen food during manual defrosting, maintenance, or cleaning may reduce its storage life.

Cautions: Ensure proper care for frozen food storage during extended periods when the refrigerating appliance is not running, such as during a power outage or refrigeration system failure.

Cautions: Steps to take when temporarily or permanently switching off the refrigerating appliance include emptying, cleaning, and drying it, and propping the door(s) or lid(s) ajar.

Product introduction



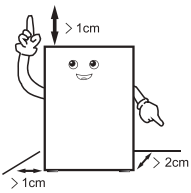
The pictures are for reference only. Please refer to the object

Friendly reminder:

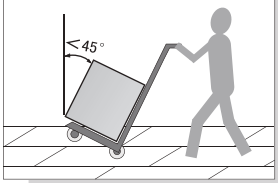
If your product is an improved product, it may differ slightly from the instructions provided. However, rest assured that its performance and application method remain unchanged. You can confidently proceed with its usage.

Handling and placement

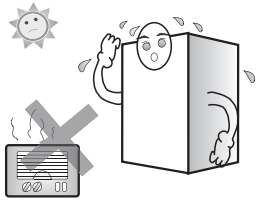
Certain space shall be left around the refrigerator, shown in the figure.



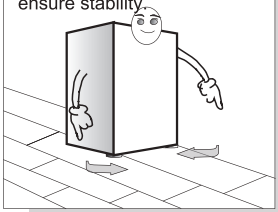
While handling, avoid contact between the refrigerator door side and handling tools.



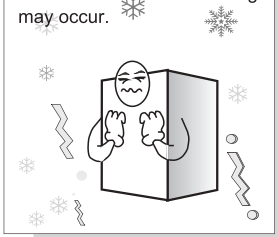
Position the refrigerator in a dry, well-ventilated area, away from direct sunlight and heat sources.



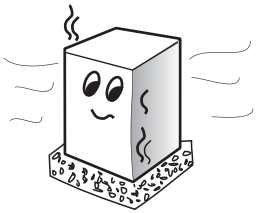
Place the refrigerator on a flat and stable surface. If the ground is uneven, adjust the leveling legs to ensure stability.



Avoid placing the refrigerator in excessively cold environments where freezing may occur.



Removing the foam base aids in bottom heat dissipation and reduces the risk of fire.



Friendly reminder:

--When handling the refrigerator, at least two persons are required: one to lift the top of the rear part, and the other to handle the bottom.
Holding only one part of the refrigerator may be dangerous.

-- **When moving the refrigerator, the lower casters may damage and scratch the floor. If you** need to move the refrigerator over a long distance, use adhesive tape to secure the internal accessories to prevent them from getting damaged by crashing into each other.

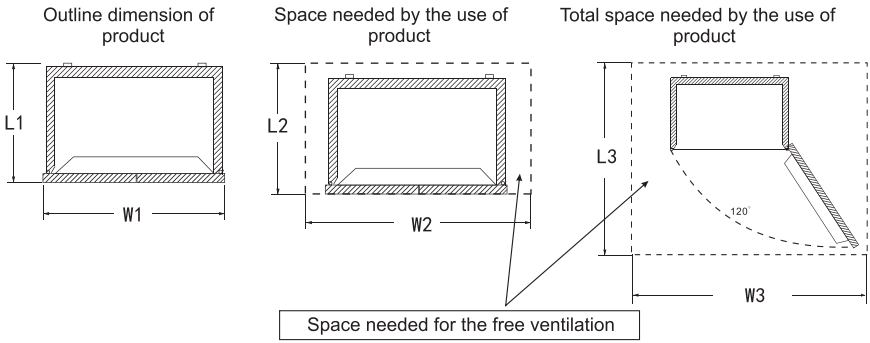
--Place the refrigerator in a position with minimal vibration or where it is least exposed to vibration. For users in areas prone to earthquakes, ensure the refrigerator is fixed against a wall or pole to prevent accidents.

--Leave sufficient clearance around the refrigerator. If the clearance is too small or if goods are placed on top or too close to the sides, or if items are pasted onto the sides, it can affect the refrigerator's heat dissipation, leading to unnecessary electricity wastage and potential damage to walls and other items. Contact between the back of the refrigerator and the wall can also cause vibration and noise.

--Adjust the front part and adjusting leg of the refrigerator to level it. An unlevel refrigerator can cause vibration and noise.

Handling and placement

This refrigerating appliance is not intended to be used as a built-in appliance
The outline dimension of the product and the space needed by the use of product are shown in the following pictures:

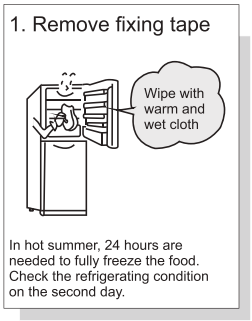


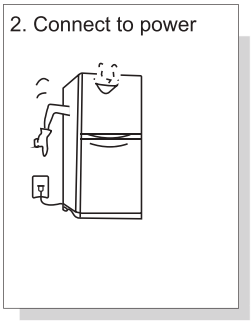
Unit: mm

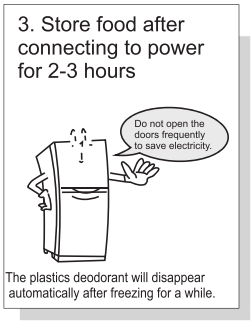
Outline dimension of product		Space needed by the use of product		Total space needed by the use of product	
L1	W1	L2	W2	L3	W3
648	595	＞L1+20	＞W1+20	>L1+760	>W1+430

Preparations prior to use

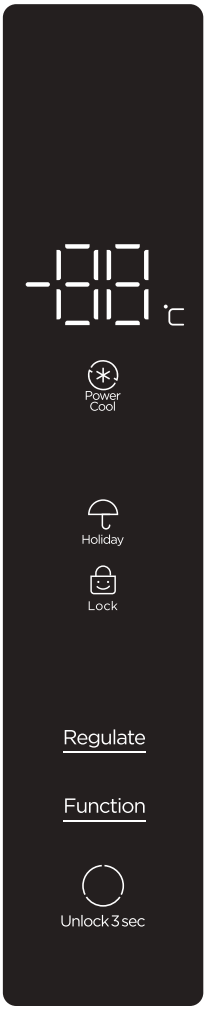
1. Remove all packing assemblies such as case fixing tape etc., especially the foam base.
2. Use warm wet cloth to clean both interior and exterior of the refrigerator, (neutral detergent can be added in warm water).
3. After leveling and cleaning the refrigerator, stand it for about 2 hours before plugging the power plug for powering on, and cool the refrigerator for 2 to 3 hours before storing foods.







Operation keys



Operation keys

First startup

Upon the first power-on, the refrigerator fridge will run by default, with a set temperature of 5°C.

Child Lock function

Activate "Lock" function in the unlocked state:

Automatic activation: If there is no key operation on the display panel within 30 seconds, the Child Lock function will activate automatically and the keyboard will be locked;

Manual activation: Press and hold the " Unlock 3 sec " key for 3seconds to lock.

Deactivating child lock: Press the " Unlock 3 sec " key for 3 seconds to unlock.

Display panel protection function

If there isn't any key operation within 30 seconds, the display panel protection function of the refrigerator will be activated and the keyboard will be locked automatically. In the screensaver mode, press any key to deactivate the screensaver function.

Manual temperature regulation function

When there is no key operation on the display panel within 30 seconds, the display panel will automatically turn off and the keyboard will be locked automatically. When the display panel is off, press the key for the first time to wake it up.

After pressing the " Unlock 3 sec " key for 3 seconds to unlock, press the key again for the setting to take effect.

Fridge temperature regulation (2°C~8°C)

In the unlocked state, press "Regulate" key to adjust the fridge temperature. The fridge temperature cycles through "02"-"03"-"04"-"05"-"06"-"07"-"08"-"02". Select the appropriate temperature and stop pressing any key to confirm the set temperature.

Power Cool function

When the refrigerator is unlocked, repeatedly press "Function" key until the icon "Power Cool" flashes, then stop pressing. After 3 seconds, the Power Cool function of refrigerator is enabled, and the icon "Power Cool" remains lit. The Power Cool function can be disabled through the same operation, and the icon "Power Cool" turns off. Once activated, the Power Cool function will be automatically deactivated after 2 hours of operation.

In Power Cool mode, the set temperature for the refrigerator will be displayed as 2°C until the Power Cool function is deactivated. The Power Cool function will be deactivated automatically when a different temperature is set for the fridge. After the Power Cool function is deactivated, the previously set fridge temperature is displayed.

If the refrigerator door remains open for more than 3 minutes while in Power Cool mode, the Power Cool function will be deactivated automatically.

Holiday function

When the refrigerator is unlocked, repeatedly press the "Function" key until the icon "Holiday" flashes, then stop pressing. After 3 seconds, the Holiday function of refrigerator is enabled, and the icon "Holiday" remains lit. The Power Cool function can be disabled through the same operation, and the icon "Holiday" turns off. In Holiday mode, "OF" is displayed for the refrigerator fridge, and the fridge is turned off. (Activating another function while in Holiday mode might result in the automatic deactivation of the mode). After the Holiday function is deactivated, the previously set fridge temperature is displayed.

Note: Before activating the Holiday function, take all food out of the refrigerator.

Power-off memory function

In the event of a power failure, the operating state at the time of the outage is locked in. Upon power restoration, the refrigerator will continue to run with the same settings as before the power failure.

Door alarm

If the refrigerator door is improperly sealed or remains open for more than 1minute, a "Di.Di.Di" alarm will sound. Press any key to temporarily pause the alarm. The alarm will sound again after 1 minute. Please ensure the refrigerator door is tightly closed to stop the alarm.

Operation keys

Food storage

Refrigerating chamber (2℃~8℃)

--The refrigerating chamber is mainly used for storing short-term foods, like milk, eggs and bottled drink.

--Vegetables and fruits should be stored in the vegetable and fruit box to prevent loss of moisture.

--Cooked food should be placed in storage bags before storing them in the refrigerator to prevent an increase in energy consumption.

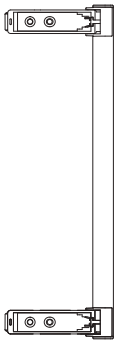
★★ **Warm tips**:

Stored food should not obstruct the air duct outlet and return port to avoid compromising the refrigerating effect. Additionally, before placing food in the refrigerator, ensure that overheated water and food have cooled to room temperature.

Operation keys

Handle Installation/Removal Instructions
Before installation/removal, please prepare the following tool in advance: cross screwdriver.
Please prepare the following components in advance:

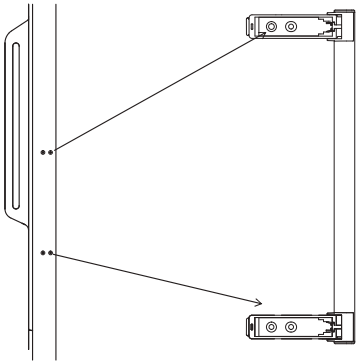
Handle Body × 1



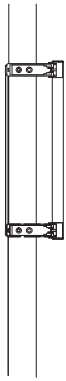
Handle Cover × 2



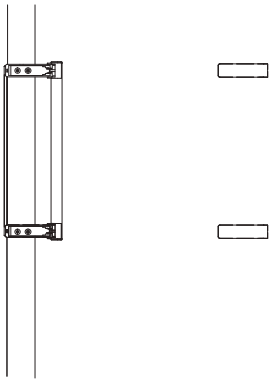
1. Use a cross screwdriver to remove the four screws from the door。Remove the handle body as shown in the illustration.



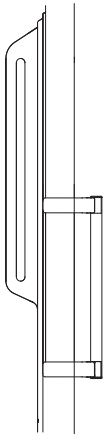
2. Align the holes on the handle body with the screw holes on the door.



3.Use a cross screwdriver to install the four screws。Take out the handle cover, as shown in the figure.



4.Install the handle cover onto the handle body. Handle installation is complete. To remove the handle, follow the instructions in reverse order.



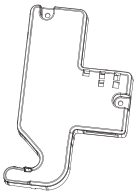
Operation keys

Door change operation

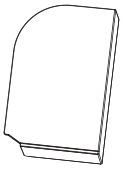
Before replacing the refrigerator door, prepare the following tools in advance: Phillips screwdriver and socket wrench. Note: Please unplug the power plug before replacing the door. Two persons may be needed.

Please prepare the following parts in advance:

Upper door left hinge cover × 1



Upper door right trim cover × 1



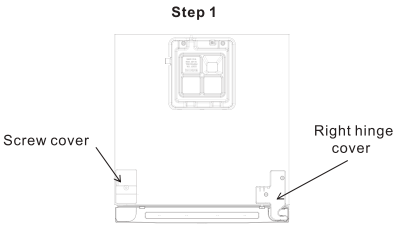
Upper door left hinge × 1

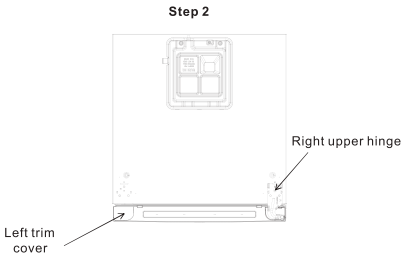


Left self-lock × 1

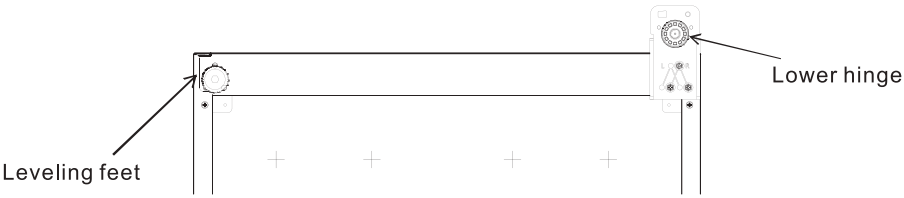


1. Close the door, unscrew the right hinge cover/screw cover screws and remove them.
2. Unscrew the upper hinge screw, remove the upper hinge, take down the door and remove the left trim cover.



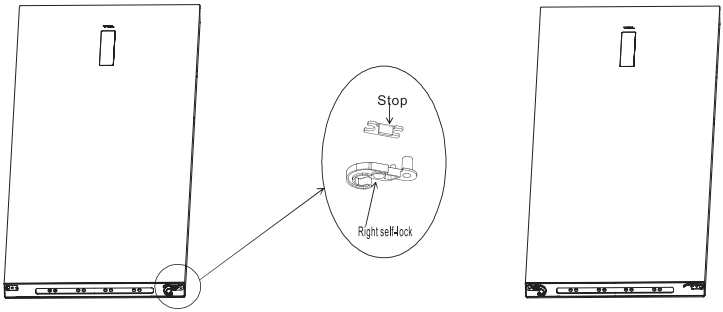


3. Lay the refrigerator flat (right side up), remove the bottom hinge and leveling feet at the bottom of the refrigerator

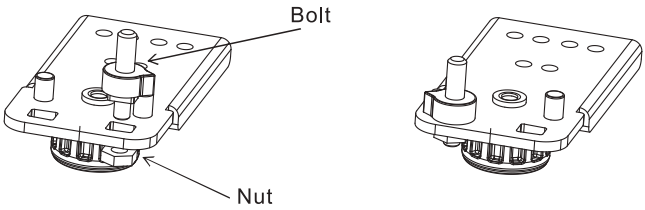


4. Remove the right end door stop screw of door , and take down the stop and right self-lock .

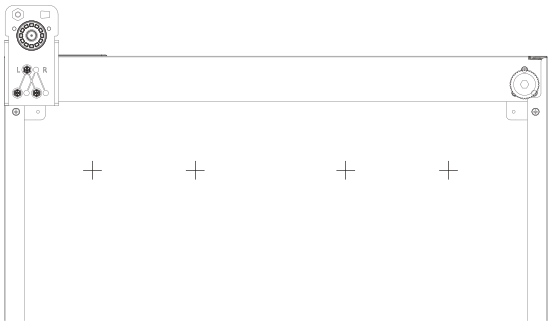
5. Install the stop and the prepared left self-lock at the left end of the door ,and tighten the screws .



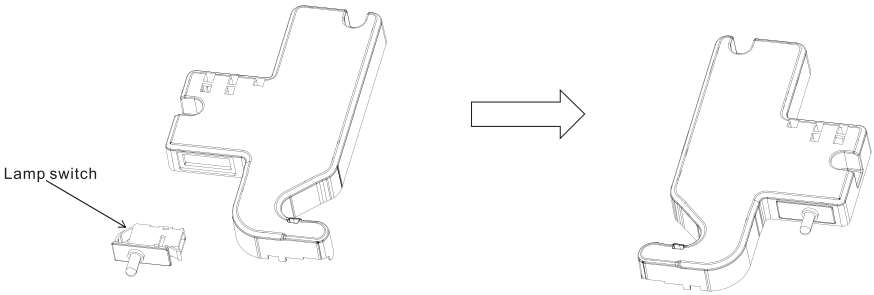
6 . Remove the lower hinge bolt and nut from the right hole and install them to the left hole (as shown in the figure) .



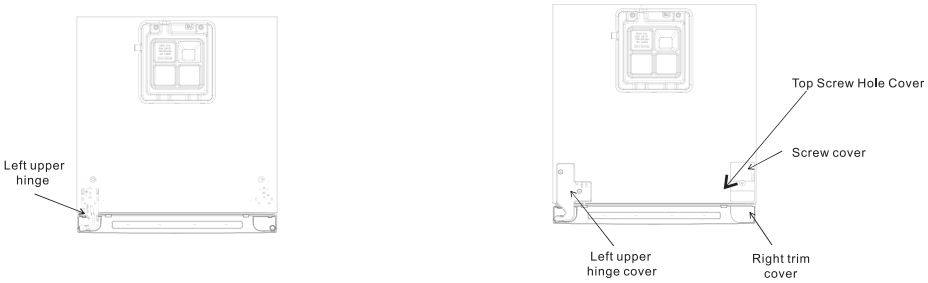
7. Install the lower hinge assembly and leveling feet as shown in the figure , and install the door.



8. Remove the right upper hinge cover lamp switch and install it on the left hinge cover, as shown in the figure.



9. Install the door, install the prepared left upper hinge in turn, and then install the left upper hinge cover, the door right trim cover, the top screw hole cover, and the removed screw cover after arranging the top harness well, and tighten the screws.



10. After replacing the door, please leave the refrigerator upright for a period of time before plugging in the power supply.

Operation keys

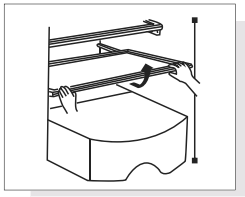
Disassembly and assembly method of accessory

--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.

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

--Bottle pedestal at the refrigerating door: storing eggs, various bottled drinks and other sundries. It can be taken out by being lifted up slightly.

Note: when disassembling the bottle pedestal in the refrigerating door, avoid pulling it out forcibly to prevent damage to the refrigerator.



Take out by pulling upwardly and outwardly in a slight way

Changing the Light

Any replacement or maintenance of the LED lamps is intended to be made by the manufacturer, itsservice agent or similar qualified person.

Care and Maintenance

It is recommended to perform refrigerator maintenance once a month.

Use a damp cloth or neutral detergent (mild detergent) towipe away any oil contamination and dirt. After cleaning,ensure to thoroughly wipe off any residue of 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.

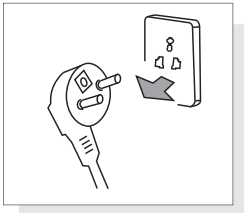
Inspections after maintenance:

Check for any damages to the power line andplug.Look for dust on the power plug.Feel for abnormal heat on the plug.Check if the socket is loose.Ensure that the plug is fully inserted.

Note:

If the power line andplug are damaged and there is dust present, there is a risk of electric shock or fire.

After unplugging the plug, 5 minutes must pass before re-plugging it; Do not put your hands under the refrigerator to avoid getting hurt.



Unplug the refrigerator plug before cleaning



Please use neutral detergent

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 the power supply.
2.Check whether the refrigerator is exposed to direct sunlight or if there is a heat source nearby.
3.Check whether there is adequate heat dissipation space around the refrigerator.
Remedies:
1.Ensure the power supply is properly connected.2.Move the refrigerator to a location without direct sunlight or heat sources nearby.3.Leave adequate space between the refrigerator and the wall for proper heat dissipation.

Failures:Foods in refrigerating chamber are frozen

Causes:1. Check whether the setting temperature is too low. 2. Additionally, rearrange foods with high water content to the door side of the glass shelf.

Remedies:1.Adjust the temperature settings accordingly to ensure they are adequately increased.
2.Rearrange foods with high water content to the door side of the 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 have been stored for too long.
Remedies:1. Sealed foods for storage. 2. Regularly clean the refrigerator. 3.Do not store foods for too long.

Troubleshooting

Phenomenon:The surface of the refrigerator feels warm or hot on two sides and the front part.
Cause:The refrigerator pipes (such as condenser and anti-fog pipes) are located on two sides and the front part of the refrigerator for heat dissipation and to prevent condensation.

Phenomenon:The refrigerator door is too tight and not easy to open.
Cause:When the refrigerator door is closed and immediately reopened, hot air enters the refrigerator and contracts, creating a pressure difference. This makes it difficult to open the door immediately, but it becomes easier after some time.

Phenomenon:Water ripples are observed in the refrigerator.
Cause:The sound of water ripples can occur when the compressor starts or stops, as well as when water is produced during the defrosting process.

Phenomenon:There is a humming sound in the refrigerator.
Cause:The compressor running produces this sound. If the refrigerator is not leveled, the sound may be louder. Additionally, the shrinkage and swelling of the case, especially when it's cold or the door is opened, can also contribute to this sound.

Phenomenon:Condensation or frosting is observed on the refrigerator door surface or food surface.
Cause:High temperature or humidity around the refrigerator; prolonged opening of the door; foods with high water content that are not sealed or tightly wrapped.

Phenomenon:Condensation is present on the built-in light surface.
Cause:The light generates heat when illuminated, and if the door is left open for an extended period, a temperature difference occurs, leading to condensation on the light case.

Phenomenon:Condensation and water mist are present on the refrigerator body.
Cause:High humidity around the refrigerator causes moisture in the air to accumulate in the case, resulting in condensation.

Technical parameter

Climate type	SN/N/ST/T					
Electric shock resistance star	I					
Total volume	400L					
Power type	220-240V~/50Hz					
Rated current	1.2A					
Annual energy consumption AE	98kWh/a					
Lamp power	4W					
Weight	63kg					
Dimension (WxDxHmm)	595x648x1850					
Refrigerant and charge amount	R600a,53g					
Noise level (dB(A) re 1 pW)	35					

Packing list

Model	FC400RBD2	FC400RXD2	FC400RWD2	FC400RXD0	FC400RWD0	
Refrigerator shelf	4	4	4	5	5	
Refrigerator door bottle bracket	4	4	4	5	5	
Wine shelf	1	1	1	/	/	
Humidity controlcover plate	1	1	1	1	1	
Fruit and vegetable box	2	2	2	2	2	
Handle	1	1	1	1	1	
Egg box	1	1	1	1	1	
Sealed box	1	1	1	/	/	
Folding shelf	1	1	1	/	/	
Operating instruction	1	1	1	1	1	

Safe recovery instructions

Disposal
Old appliances still have some surplus value. An environmentally friendly approach will ensure that valuable raw materials are recycled.
The refrigerants used in your equipment and insulation materials require special handling procedures. Make sure there is no pipe damage on the back of the equipment before handling.
Up-to-date information on the options for disposing of old equipment and packaging from old equipment can be obtained from the local municipal office.

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 retum your used device, please use the return and ollection systems or contact the retailer where the product was purchased. They can take this product for environmental safe recycing.

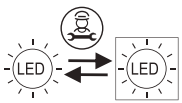
Description of climate types

Table 1 Climate classes

Class	Symbol	Ambient temperature ranges℃
Extended temperate	SN	+ 10 to + 32
Temperate	N	+ 16 to + 32
Subtropical	ST	+ 16 to + 38
Tropical	T	+ 16 to + 43

Extended temperate:'this refrigerating appliance is intended to be used at ambient temperatures ranging from 10 °C to 32 °C';
temperate: 'this refrigerating appliance is intended to be used at ambient temperatures ranging from 16 °C to 32 °C';
Subtropical: 'thisrefrigeratingapplianceisintendedtobeusedatambienttemperatures rangingfrom16°Cto38°C';
Tropical: 'thisrefrigeratingapplianceisintendedtobeusedatambienttemperatures rangingfrom16°Cto43°C';

Dear customer
if you need customer service, please check warranty card for further information.



The light source can be replaced by professional personnel (LED only)