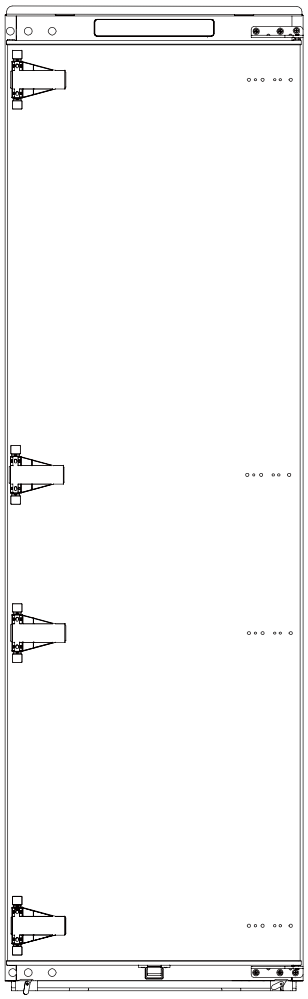
COOKOLOGY

Built-in Refrigerator

USER'S MANUAL

CITDLFR177



CONTENTS

1 Safety warnings
1.1Warning · · ·

1 Safety Warnings

1.1 Warning



Warning: risk of fire / flammable materials

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.

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.

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.

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

THE appliance has to be unplugged after use and before carrying out user maintenance on the appliance.

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.

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

WARNING: Please abandon the refrigerator according to local regulators for it use flammable blowing gas and refrigerant.

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

WARNING: Do not locate multiple portable socket-outlets or portable power supplies at the rear of the appliance.

DO not use extension cords or ungrounded（two prong）adapters.

WARNING: Risk of child entrapment. Before you throw away your old refrigerator or freezer:

-Take off the doors.

-Leave the shelves in place so that children may not easily climb inside.

THE refrigerator must be disconnected from the source of electrical supply before attempting the installation of accessory.

REFRIGERANT and cyclopentane foaming material used for the appliance are flammable. Therefore, when the appliance is scrapped, it shall be kept away from any fire source and be recovered by a special recovering company with corresponding qualification other than be disposed by combustion, so as to prevent damage to the environment or any other harm.

FOR EU standard: This appliance can be used by children aged from 8 years and above and persons with reduce 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. Children aged from 3 to 8 years are allowed to load and unload refrigerating appliances.

THE necessity that, for doors or lids fitted with locks and keys, the keys be kept out of the reach of children and not in the vicinity of the refrigerating appliance, in order to prevent children from being locked inside .

TO avoid contamination of food, please respect the following instructions:

– Opening the door for long periods can cause a significant increase of the temperature in the compartments of the appliance.

– Clean regularly surfaces that can come in contact with food and accessible drainage systems.

– Clean water tanks if they have not been used for 48 h; flush the water system connected to a water supply if water has not been drawn for 5 days. (note 1)

– Store raw meat and fish in suitable containers in the refrigerator, so that it is not in contact with or drip onto other food.

– Two-star frozen-food compartments are suitable for storing pre-frozen food, storing or making ice-cream and making ice cubes. (note 2)

– One-, two- and three-star compartments are not suitable for the freezing of fresh food. (note 3)

– For appliances without a 4–star compartment: this refrigerating appliance is not suitable for freezing foodstuffs.(note 4)

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

Note 1,2,3,4:Please confirm whether it is applicable according to your product compartment type.

FOR a freestanding appliance: this refrigerating appliance is not intended to be used as a built-in appliance.

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

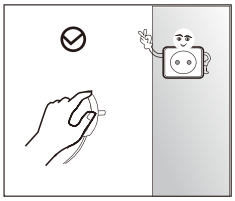
This product contains a light source of energy efficiency class (F).

1.2 Meanings of safety warning symbols

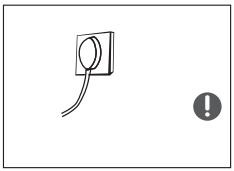
Prohibition symbol	This is a prohibition symbol. Any incompliance with instructions marked with this symbol may result in damage to the product or endanger the personal safety of the user.
Warning symbol	This is a warning symbol. It is required to operate in strict observance of instructions marked with this symbol; or otherwise damage to the product or personal injury may be caused.
Note symbol	This is a cautioning symbol. Instructions marked with this symbol require special caution. Insufficient caution may result in slight or moderate injury, or damage to the product.

This manual contains lots of important safety information which shall be observed by the users.

1.3 Electricity related warnings



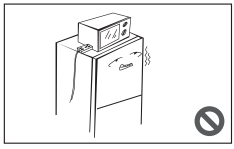
- Do not pull the power cord when pulling the power plug of the refrigerator. Please firmly grasp the plug and pull out it from the socket directly.
- To ensure safe use, do not damage the power cord or use the power cord when it is damaged or worn.



- Please use a dedicated power socket and the power socket shall not be shared with other electrical appliances.
  The power plug should be firmly contacted with the socket or else fires might be caused.
- Please ensure that the grounding electrode of the power socket is equipped with a reliable grounding line.

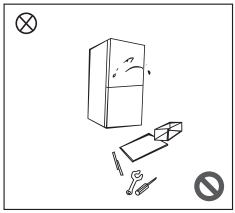


- Please turn off the valve of the leaking gas and then open the doors and windows in case of leakage of gas and other flammable gases.
- Do not unplug the refrigerator and other electrical appliances considering that spark may cause a fire.

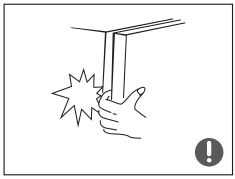


- Do not use electrical appliances on the top of the appliance, unless they are of the type recommended by the manufacturer.

1.4 Warnings for using



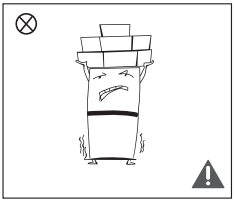
- Do not arbitrarily disassemble or reconstruct the refrigerator, nor damage the refrigerant circuit; maintenance of the appliance must be conducted by a specialist
- Damaged power cord must be replaced by the manufacturer, its maintenance department or related professionals in order to avoid danger.



- The gaps between refrigerator doors and between doors and refrigerator body are small, be noted not to put your hand in these areas to prevent from squeezing the finger. Please be gentle when close the refrigerator door to avoid falling articles.
- Do not pick foods or containers with wet hands in the freezing chamber when the refrigerator is running, especially metal containers in order to avoid frostbite.

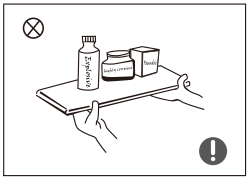


- Do not allow any child to get into or climb the refrigerator; otherwise suffocation or falling injury of the child may be caused.

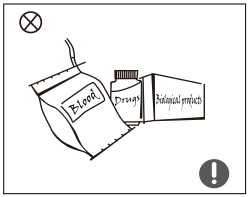


- Do not place heavy objects on the top of the refrigerator considering that objectives may fall when close or open the door, and accidental injuries might be caused.

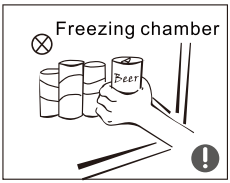
1.5 Warnings for placement



- Do not put flammable, explosive, volatile and highly corrosive items in the refrigerator to prevent damages to the product or fire accidents.
- Do not place flammable items near the refrigerator to avoid fires.



- The refrigerator is intended for household use, such as storage of foods; it shall not be used for other purposes, such as storage of blood, drugs or biological products, etc.



- Do not store beer, beverage or other fluid contained in bottles or enclosed containers in the freezing chamber of the refrigerator; or otherwise the bottles or enclosed containers may crack due to freezing to cause damages.

1.6 Warnings for energy

1)Refrigerating appliances 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 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;
3)The need to not exceed the storage time(s) recommended by the food manufacturers for any kind of food and particularly for commercially quick-frozen food in food-freezer and frozen-food storage compartments or cabinets;
4)The precautions necessary to prevent an undue rise in the temperature of the frozen food while defrosting the refrigerating appliance, such as wrapping the frozen food in several layers of newspaper.
5)The fact that a rise in temperature of the frozen food during manual defrosting, maintenance or cleaning could shorten the storage life.

1.7 Warnings for disposal

Refrigerant and cyclopentane foaming material used for the refrigerator are flammable. Therefore, when the refrigerator is scrapped, it shall be kept away from any fire source and be recovered by a special recovering company with corresponding qualification other than be disposed by combustion, so as to prevent damage to the environment or any other harm.

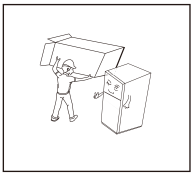
When the refrigerator is scrapped, disassemble the doors, and remove gasket of door and shelves; put the doors and shelves in a proper place, so as to prevent trapping of any child.



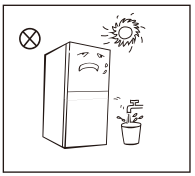
Correct Disposal of this product:
This marking indicates that this product should not be disposed with other household wastes throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material 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.

2 Proper use of the refrigerator

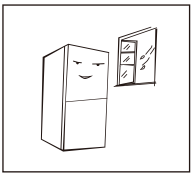
2. 1 Placement



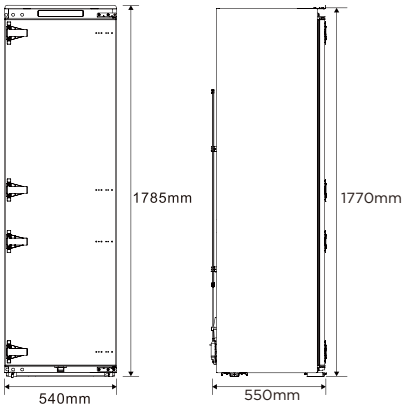
- Before use, remove all packing materials, including bottom cushions, foam pads and tapes inside of the refrigerator;
  tear off the protective film on the doors and the refrigerator body.



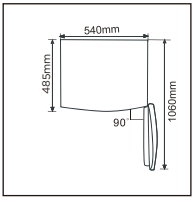
- Keep away from heat and avoid direct sunlight. Do not place the freezer in moist or watery places to prevent rust or reduction of insulating effect.
- Do not spray or wash the refrigerator; do not put the refrigerator in moist places easy to be splashed with water so as not to affect the electrical insulation properties of the refrigerator.



- The refrigerator is placed in a well-ventilated indoor place; the ground shall be flat, and sturdy (rotate left or right to adjust the wheel for leveling if unstable).



- Outer cabinet dimensions, please refer to shown as the left picture

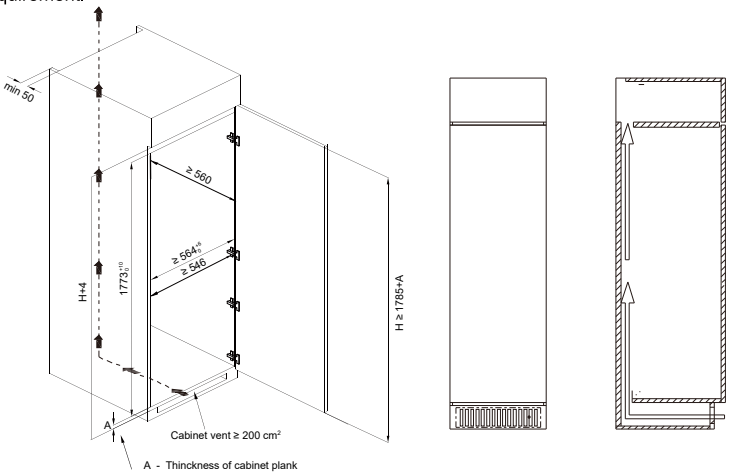


- Spare enough space for convenient opening of the doors and drawers or statement by the distributor.

! Precautions before installation:
Information in the Instruction Manual is only for reference. The physical product may differ.
Before installation and adjusting of accessories, it shall be ensured that the refrigerator is disconnected from power.

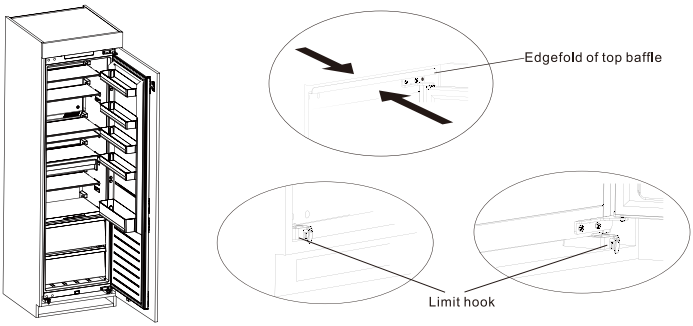
2. 2 Installation in cabinet

- Cabinet size requirement.

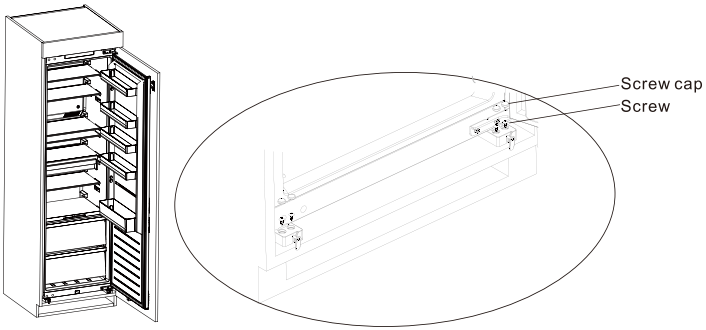


The skirting board and back of the cabinet shall be provided with a through heat dissipation channel

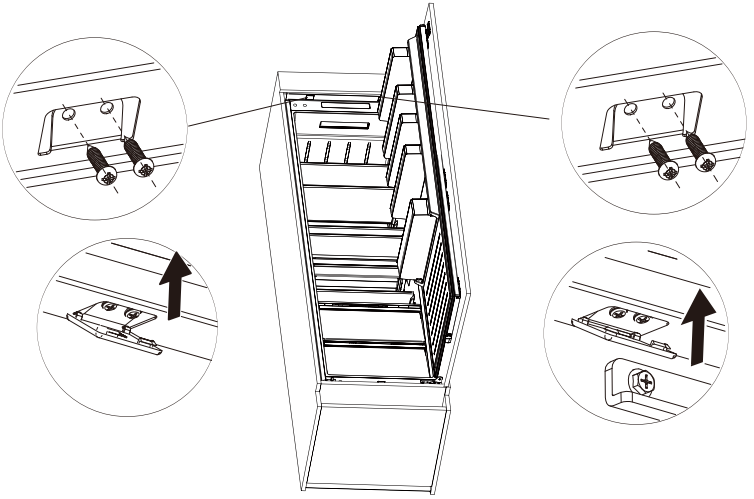
- Push the refrigerator into the cabinet and adjust it to make sure the edge fold of top baffle completely touch the top edge of the cabinet, and the limit hook of supporting leg completely touch the bottom edge of the cabinet.



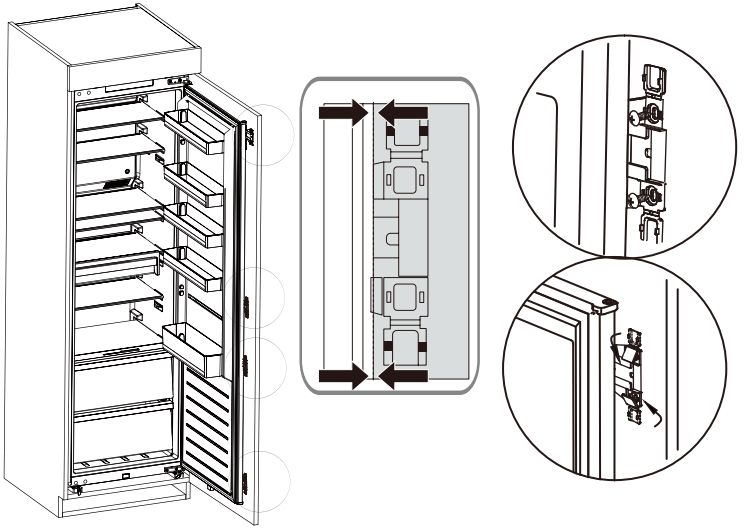
- Fix the supporting leg with screws, then install the screw caps.



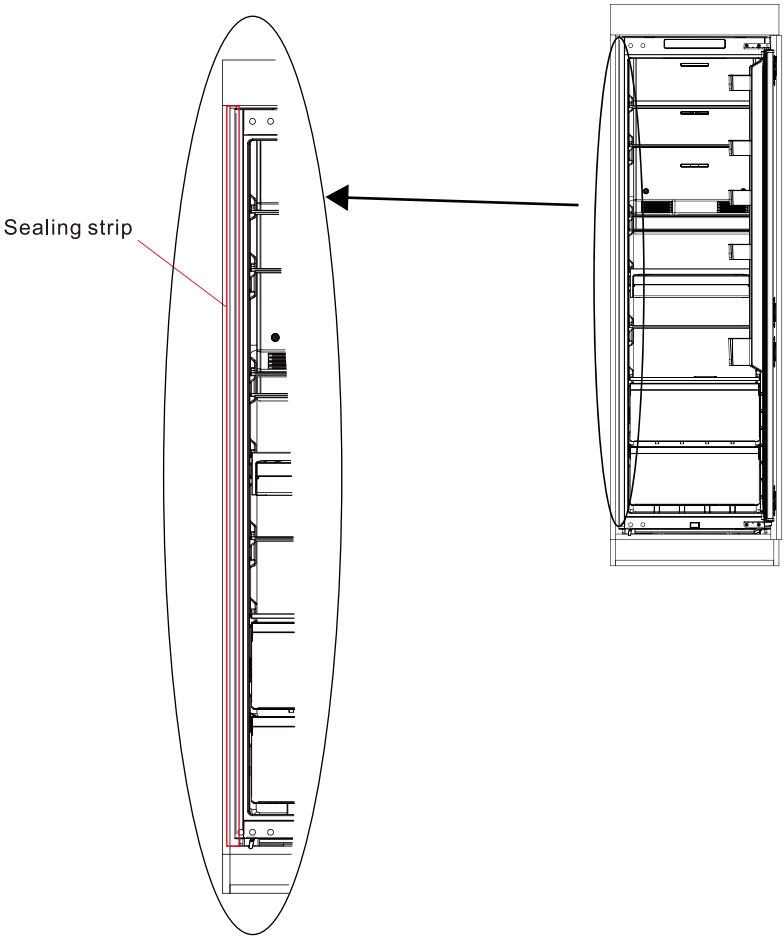
- Fix the top baffle to the top of the cabinet inner with screws, then install the screw caps.



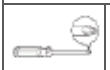
- Open the door of cabinet the maximum angle, and open the door of the refrigerator to the corresponding position. Sliding the block to make sure inner edge align with the door edge of refrigerator, then fix the block to the door of cabinet with screw and install screw caps.



- Take out the sealing strip from accessory bag, and press it in the gap between the cabinet and the refrigerator. Installation is completed.

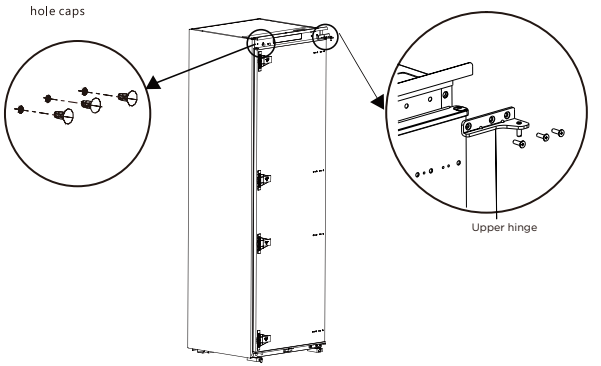


2. 3 Door Right-Left Change

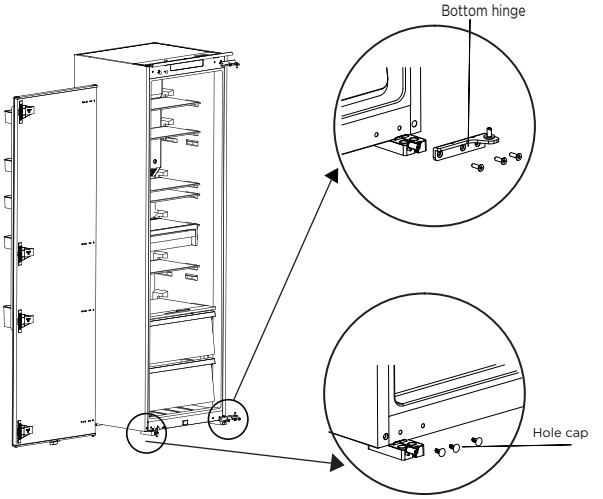
List of tools to be provided by the user			
	Cross screwdriver		Putty knife thin-blade screwdriver
	5/16″ socket and ratchet		Masking tape

1) Power off the refrigerator, and remove all objects from the door trays.

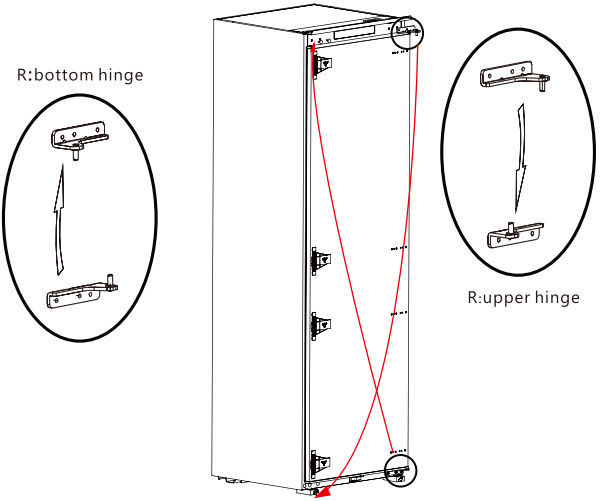
2) Remove the upper hinge and hole caps of refrigerator door.



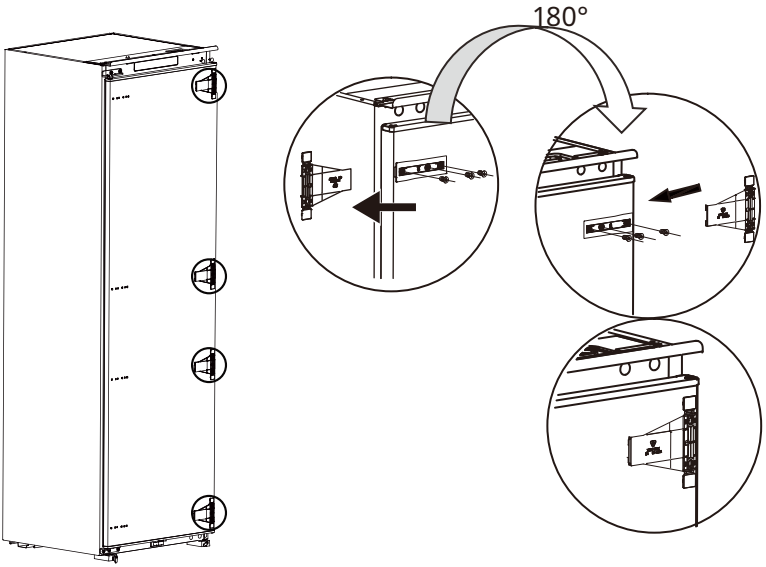
3) Remove the refrigerator door, the bottom hinge and the hole cover.



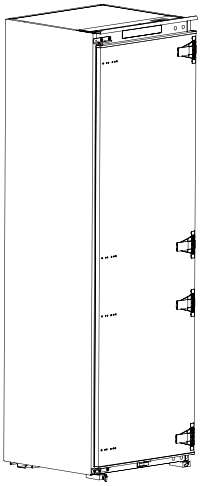
4) Exchange the R:bottom hinge and R:upper hinge , then install them according to below steps, and install the top hole caps.



5) Remove the two fixed blocks of refrigerator door and rotate them for 180° , and install them on other side of refrigerator door.

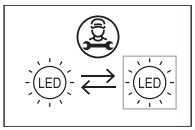


6) The picture after completion is shown as below



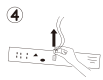
（The picture above is only for reference. The actual configuration will depend on the physical product or statement by the distributor）

2.4 Changing the light

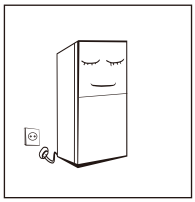


- Any replacement or maintenance of the LED lamps is intended to be made by the manufacturer,its service agent or similar qualified person.

Light source in this product is replaceable only by qualified engineers.

	1. Please take out the plug before removal.		2. Remove the lampshade with a screwdriver.
	3. Take down the lamp panel.		4. Remove the connection terminal.

2.5 Starting



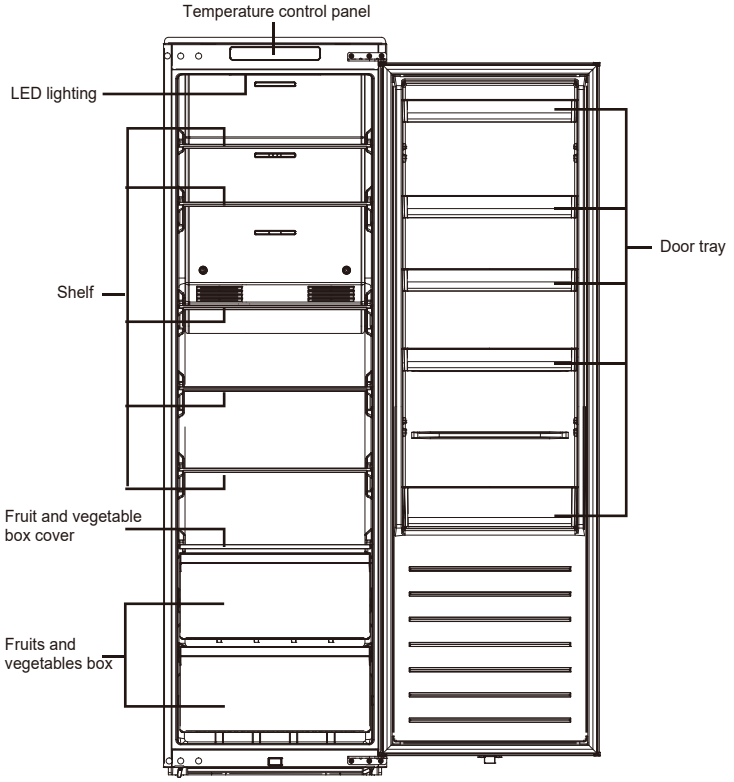
- After transportation, please let the product stay for more than 2 hours before turning on the power, otherwise it will lead to a decrease in cooling capacity or a damage to the product.
- Before putting any fresh or frozen foods, the refrigerator shall have run for 2-3 hours, or for above 4 hours in summer when the ambient temperature is high.
- Please pull out the plug in case of power failure or cleaning. Do not connect the freezer to power supply within five minutes to prevent damages to the compressor due to successive starts.

2.6 Energy saving tips

- 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.

3 Structure and functions

3. 1 Key components



（The picture above is only for reference. The actual configuration will depend on the physical product or statement by the distributor）

Refrigerating chamber

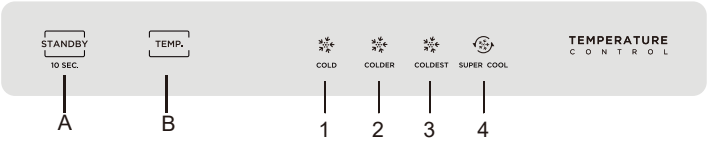
- The Refrigerating Chamber is suitable for storage of a variety of fruits, vegetables, beverages and other food consumed in the short term,suggested storage time 3days to 5days.
- Cooking foods shall not be put in the refrigerating chamber until cooled to room temperature.
- Foods are recommended to be sealed up before putting into the refrigerator.
- The glass shelves can be adjusted up or down for a reasonable amount of storage space and easy use.

Drawers, food boxes, shelves, etc. placed according to the position in the picture above are the most energy efficient.

Note: Storage of too much food during operation after the initial connection to power may adversely affect the freezing effect of the refrigerator. Foods stored shall not block the air outlet; or otherwise the freezing effect will also be adversely affected.

This refrigerating appliance is not suitable for freezing foodstuffs

3.2 Functions



⚠ （The picture above is only for reference. The actual configuration will depend on the physical product or statement by the distributor）

1) Key

A.Standby button

B.Temperature setting button

2)Temperature icons

1：8℃

2：4℃

3：2℃

4：Super cool

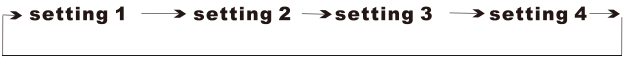
3) Display

1) When powering on for the first time, the display will be displayed for 3 seconds, while the startup bell will ring, and then the display will enter normal operation;
(The temperature of the refrigerator is set at 2 gear which mean 4℃ when it is powered on for the first time).
2) Display the fault code when there is a fault (cyclic display); Display the set temperature of the refrigeration room when there is no trouble.
3) When the refrigerated door is closed to open, the display board is bright, and it will be extinguished within 30 seconds after the door is closed;
Display board off state, press any key, display board light, and then can be adjusted operation.

Fault Code	Fault Description
LED1\LED2 Light blinking	Refrigerator temperature sensor circuit
LED1\LED3 Light blinking	Refrigerator defrost sensor
LED2\LED4 Light blinking	Commcardfault
LED1\LED4 Light blinking	Ambient temperature sensor

4)Gear setting

Every time you press the button, the gear will change once. After setting the gear for 15 seconds, the refrigerator will run according to the set value.
Gear adjustment is:



Recommended setting temperature: refrigerator room 4℃;

5) Lock and unlock

No lock or unlock function.
The setting takes effect 15 seconds after no operation.

6) Open the door and door open alert

When the refrigerator door is opened and the door is open for 120 seconds, the buzzer will alarm until the refrigerator door is closed.Or press any key to cancel the buzzer alarm.

7) Standby mode

Hold down the standby button for 10 seconds to enter the standby mode. All loads are off and the display goes off.

In standby mode, hold down the standby button for 10 seconds to restore normal control.

8) Super cool mode

Mode entry:
Under refrigerator mode , press the button 

until the icon  lighten
Mode exit:
During Super cool mode , it will exit this mode automatically after running for 360 minutes or temperature setting or mode setting.

4 Maintenance and care of the refrigerator

4.1 Overall cleaning

- Dusts behind the refrigerator and on the ground shall be timely cleaned to improve the cooling effect and energy saving.
- Check the door gasket regularly to make sure there are no debris. Clean the door gasket with a soft cloth dampened with soapy water or diluted detergent.
- The interior of the refrigerator should be cleaned regularly to avoid odor.
- Please turn off the power before cleaning interior, remove all foods, drinks ,shelves, drawers, etc.
- Use a soft cloth or sponge to clean the inside of the refrigerator, with two tablespoons of baking soda and a quart of warm water. Then rinse with water and wipe clean. After cleaning, open the door and let it dry naturally before turning on the power.
- For areas that are difficult to clean in the refrigerator (such as narrow sandwiches, gaps or corners), it is recommended to wipe them regularly with a soft rag, soft brush, etc. and when necessary, combined with some auxiliary tools (such as thin sticks) to ensure no contaminants or bacterials accumulation in these areas.
- Do not use soap, detergent, scrub powder, spray cleaner, etc., as these may cause odors in the interior of the refrigerator or contaminated food.
- Clean the bottle frame, shelves and drawers with a soft cloth dampened with soapy water or diluted detergent. Dry with a soft cloth or dry naturally.
- Wipe the outer surface of the refrigerator with a soft cloth dampened with soapy water, detergent,etc., and then wipe dry.
- Do not use hard brushes, clean steel balls, wire brushes, abrasives (such as toothpastes), organic solvents (such as alcohol, acetone, banana oil, etc.), boiling water, acid or alkaline items, which may damage the fridge surface and interior. Boiling water and organic solvents such as benzene may deform or damage plastic parts.
- Do not rinse directly with water or other liquids during cleaning to avoid short circuits or affect electrical insulation after immersion.



⚠ Please unplug the refrigerator for defrost and cleaning.

4.2 Defrostiing

- The refrigerator is made based on the air-cooling principle and thus has automatic defrosting function. Frost formed due to change of season or temperature may also be manually removed by disconnection of the appliance from power supply or by wiping with a dry towel.

4.3 Out of operation

- Power failure: In case of power failure, even if it is in summer, foods inside the appliance can be kept for several hours; during the power failure, the times of door opening shall be reduced, and no more fresh food shall be put into the appliance.
- Long-time nonuse: The appliance shall be unplugged and then cleaned; then the doors are left open to prevent odor.

- Moving: Before the refrigerator is moved, take all objects inside out, fix the glass partitions, vegetable holder, freezing chamber drawers and etc. with tape, and tighten the leveling feet; close the doors and seal them with tape. During moving, the appliance shall not be laid upside down or horizontally, or be vibrated; the inclination during movement shall be no more than 45°.

⚠ The appliance shall run continuously once it is started. Generally, the operation of the appliance shall not be interrupted; or otherwise the service life may be impaired

5 Trouble shooting

You may try to solve the following simple problems by yourself. If them cannot be solved, please contact the after-sales department.

Failed operation	Check whether the appliance is connected to power or whether the plug is in well contact . Check whether the voltage is too low. Check whether there is a power failure or partial circuits have tripped.
Odor	Odorous foods shall be tightly wrapped. Check whether there is any rotten food. Clean the inside of the refrigerator.
Long-time operation of the compressor	Long operation of the refrigerator is normal in summer when the ambient temperature is high. It is not recommended having too much food in the appliance at the same time. Food shall get cool before being put into the appliance. The doors are opened too frequently.
Light fails to get lit	Check whether the refrigerator is connected to power supply and whether the illuminating light is damaged.
Doors cannot be properly closed	The door is stuck by food packages. The refrigerator is tilted.
Loud noise	Check whether the floor is level and whether the refrigerator is placed stably. Check whether accessories are placed at proper locations.
Door seal fails to be tight	Remove foreign matters on the door seal. Heat the door seal and then cool it for restoration (or blow it with an electrical drier or use a hot towel for heating).
Water pan overflows	There is too much food in the chamber or food stored contains too much water,resulting in heavy defrosting. The doors are not closed properly, resulting in frosting due to entry of air and increased water due to defrosting.
Hot housing	Heat dissipation of the built-in condenser via the housing, which is normal. When housing becomes hot due to high ambient temperature and storage of too much food,it is recommended to provide sound ventilation to facilitate heat dissipation.
Surface condensation	Condensation on the exterior surface and door seals of the refrigerator is normal when the ambient humidity is too high. Just wipe the condensate with a clean towel.
Abnormal noise	Buzz: The compressor may produce buzzes during operation, and the buzzes are loud particularly upon start or stop. This is normal. Creak: Refrigerant flowing inside of the appliance may produce creak, which is normal.

Table 1 Climat e classes

Class	Symbol	Ambient temperatur e range ℃
Extende d t emperat e	SN	+ 10 to + 32
Temperat e	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:'this refrigerating appliance is intended to be used at ambient temperatures ranging from 16 °C to 38 °C';
Tropical:'this refrigerating appliance is intended to be used at ambient temperatures ranging from 16 °C to 43 °C';

Special for new European standard:
The ordered parts in the following table can be acquired from channel _:

Ordered Part	Provided by	Minimum Time Required for Provision
thermostats	Professional maintenance personnel	At least 7 years after the last model is launched on the market
temperature sensors	Professional maintenance personnel	At least 7 years after the last model is launched on the market
printed circuit boards	Professional maintenance personnel	At least 7 years after the last model is launched on the market
light sources	Professional maintenance personnel	At least 7 years after the last model is launched on the market
door handles	Professional repairers and final users	At least 7 years after the last model is launched on the market
door hinges	Professional repairers and final users	At least 7 years after the last model is launched on the market
trays	Professional repairers and final users	At least 7 years after the last model is launched on the market
baskets	Professional repairers and final users	At least 7 years after the last model is launched on the market
door gaskets	Professional repairers and final users	At least 10 years after the last model is launched on the market

- The shortest period for providing after-sales spare parts is 15 working days.
- The model information and model identification in the product database can be obtained by scanning the web link on the QR code (if any) on the product energy efficiency label.

Please register the warranty for this product on www.cookology.com
Cookology T/A The Wright Buy Ltd
7 Meadow Business Park Piperell Way Haverhill Suffolk CB9 8QX