

设计 DESIGN	宗培 2022. 9. 28	图纸名称 PART NAME Midea 新加坡 MDRB470MGD28 (CE-BCD345WE-KT) 带WiFi 英语 说明书				图号/物料编码 PART NO. 16131000A46108	
校对 CO. BY	金盼敏					材料 MATERIAL 80g双胶纸	
标准化 STANDARD							
业务 seller	周陈陈	图样标记 REL	版本号 REV. NO.	重量(g) WEIGHT	比例 scale	美的冰箱事业部 MIDEA REFRIGERATION DIVISION	
批准 AUTHORI ZE			0		1: 1		
		共 页 TOTAL SHEETS		第 页 NO. OF SHEETS			

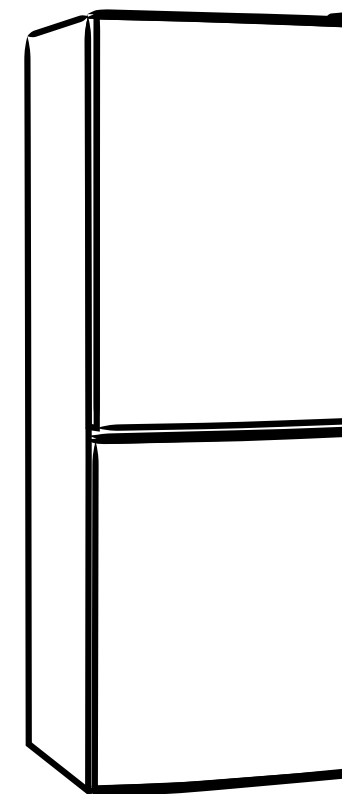
技术要求						
1. 尺寸: 32K 2. 印刷颜色: 单色 3. 制件必须符合QMB-J53. 005 产品说明书及其它类似印刷件技术规范; 4. 除客户特别要求外均参照美的冰箱最新版相关企业标准执行;						

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EN

USER MANUAL



**MODEL: MDRB470MGD28
SERIES**

www.midea.com



REFRIGERATOR Bottom Freezer



Warning:
Before using this product,
please read this manual carefully
and keep it for future reference.
The design and specifications
are subject to change without
prior notice for product
improvement. Consult with your
dealer or manufacturer for
details.


make yourself at home

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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 (G).

WARNING: To avoid a hazard due to instability of the appliance, it must be fixed in accordance with the instructions.

WARNING: Connect to potable water supply only. (Suitable for ice making machine)

TO Prevent A Child From Being Entrapped, Keep Out Of Reach Of Children And Not In The Vicinity Of Freezer (Or Refrigerator). (Suitable for products with locks)

1.2 Meanings of safety warning symbols



Prohibition symbol

This is a prohibition symbol.

Any in compliance 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.



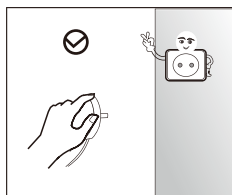
Note symbol

This is a cautioning symbol.

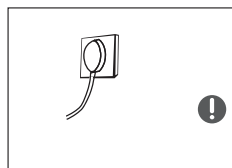
Instructions marked with this symbol require special caution. Insufficient caution may result in slight or moderate injury, or damage to the product.

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

1.3 Electricity related warnings



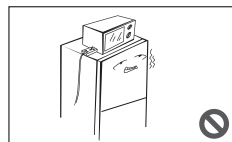
- Do not pull the power cord when pulling the power plug of the refrigerator. Please firmly grasp the plug and pull out it from the socket directly.
- To ensure safe use, do not damage the power cord or use the power cord when it is damaged or worn.



- 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.

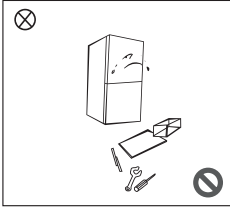


- Please turn off the valve of the leaking gas and then open the doors and windows in case of leakage of gas and other flammable gases.
- Do not unplug the refrigerator and other electrical appliances considering that spark may cause a fire.

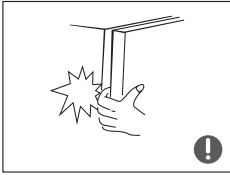


- Do not use electrical appliances on the top of the appliance, unless they are of the type recommended by the manufacturer.

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.

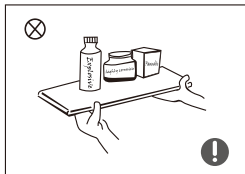


- Do not allow any child to get into or climb the refrigerator; otherwise suffocation or falling injury of the child may be caused.

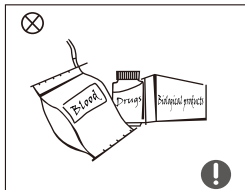


- Do not place heavy objects on the top of the refrigerator considering that objectives may fall when close or open the door, and accidental injuries might be caused.

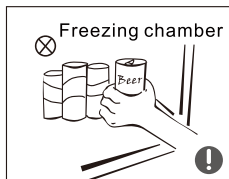
1.5 Warnings for placement



- 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 Warning for energy

Warning 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.

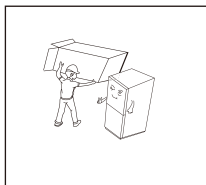


Correct Disposal of this product:

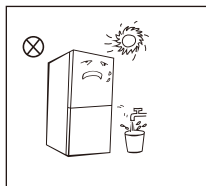
This marking indicates that this product should not be disposed with other household wastes throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used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

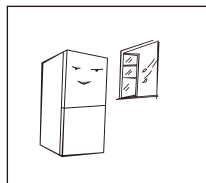
2.1 Placement



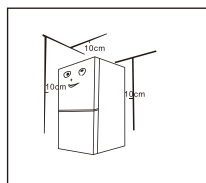
- Before use, remove all packing materials, including bottom cushions, foam pads and tapes inside of the refrigerator; tear off the protective film on the doors and the refrigerator body.



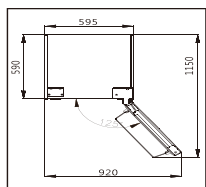
- Keep away from heat and avoid direct sunlight. Do not place the freezer in moist or watery places to prevent rust or reduction of insulating effect.
- Do not spray or wash the refrigerator; do not put the refrigerator in moist places easy to be splashed with water so as not to affect the electrical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



- This refrigerator needs to be installed independently and cannot be used as a built-in. Otherwise, it will cause problems such as failure to install into the cabinet, the performance and life of the product are reduced. And the manufacturer does not provide basic product warranty.
- The top space of the refrigerator shall be greater than 10cm, and the refrigerator should be placed against a wall with a free distance more than 10cm to facilitate heat dissipation.

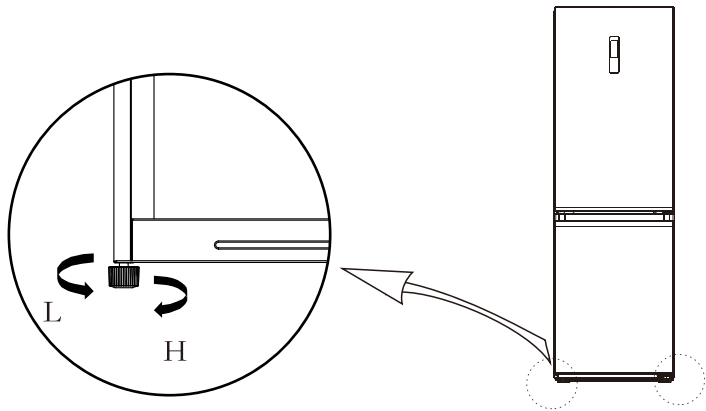


- Spare enough space for convenient opening of the doors and drawers.

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

2.2 Leveling feet

Schematic diagram of the leveling feet









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

Adjusting procedures:

- a. Turn the feet clockwise to raise the refrigerator;
- b. Turn the feet counterclockwise to lower the refrigerator;
- c. Adjust the right and left feet based on the procedures above to a horizontal level.

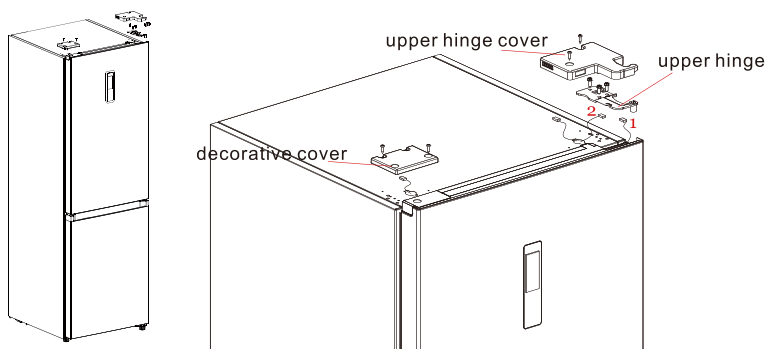
2.3 Door right-left change

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

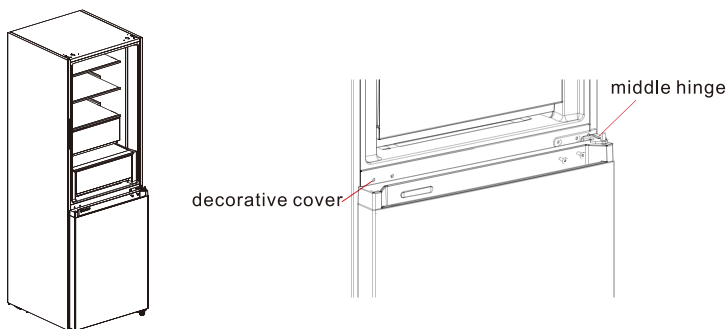
Parts to be used for door reverse

SN	part	Quantity	Notes
1	Upper hinge	1	Pre-installed on refrigerator, removed and retained it when changing the door
2	Upper hinge cover	1	Pre-installed on refrigerator, removed and retained it when changing the door
3	Decorative cover	1	Pre-installed on refrigerator, removed and retained it when changing the door
4	Door self-locking	2	Pre-installed on refrigerator, removed and retained it when changing the door
5	Middle hinge	1	Pre-installed on the refrigerator and to be used when changing the door
6	Decorative cover	1	Pre-installed on the refrigerator and to be used when changing the door
7	Lower hinge	1	Pre-installed on the refrigerator and to be used when changing the door
8	Levelling feet	1	Pre-installed on the refrigerator and to be used when changing the door
9	Left upper hinge	1	In the attached plastic bag, take them out for use when door is reversed
10	Left upper hinge cover	1	In the attached plastic bag, take them out for use when door is reversed
11	Left door self-locking	2	In the attached plastic bag, take them out for use when door is reversed
12	Right plastic cover	1	In the attached plastic bag, take them out for use when door is reversed

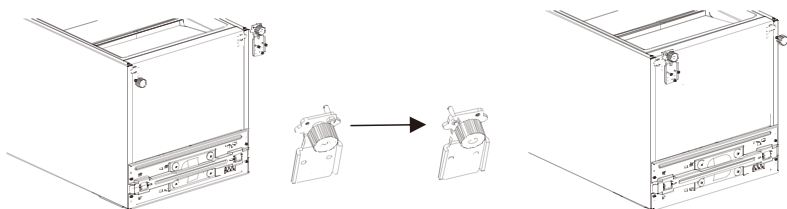
- 1) Please power off this appliance before conduct this operation. Remove all food from door shelves.
2. Remove the upper left hinge cover decorative cover, upper right hinge cover and upper right hinge, and disconnect the right signal line (signal line terminal 1, 2) at the top of the box body



3. Remove the refrigerated door body (be careful not to lose small parts such as the shaft sleeve and stop on the door);
Remove the middle hinge and remove the decorative cover of hinge hole on the other side.

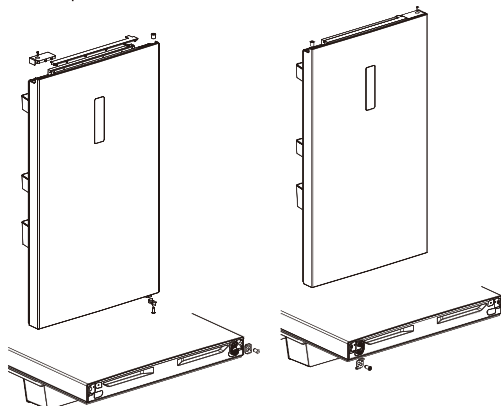


4. Remove the freezing door body (be careful not to lose small parts such as the shaft sleeve and stop on the door);
Remove the hinge and adjust the angle. Remove and install the lower hinge shaft to the other side of the hinge, and install the modified lower hinge to the other side of the box.



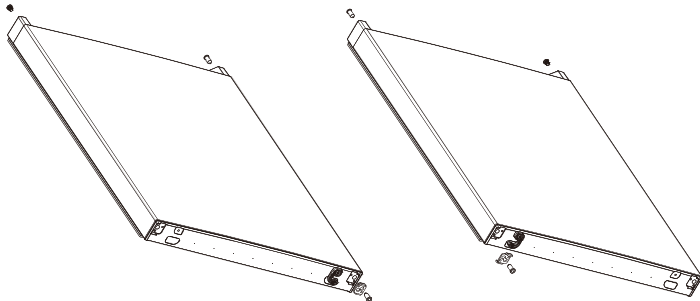
5. Change the refrigerator door:

- 1) Remove the cover plate of the upper end cover of the refrigeration door and the left decorative cover. Install the upper shaft sleeve and the signal line of the door body to the other side and cover the upper end cover plate. Take out the right decorative cover from the accessory bag and install it to the other side of the upper end cover.
- 2) Remove the door self-locking, door stop and shaft sleeve of the refrigeration door, take out the left door self-locking from the accessory bag, install it on the left side of the lower end cover of the refrigeration door, change the door stop and shaft sleeve to the left side of the lower end cover of the refrigeration door.

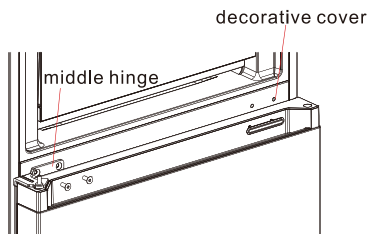
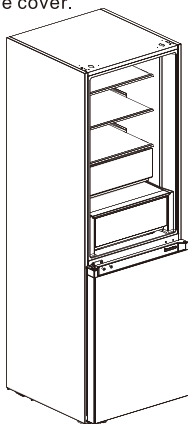


6. Change the freezing door:

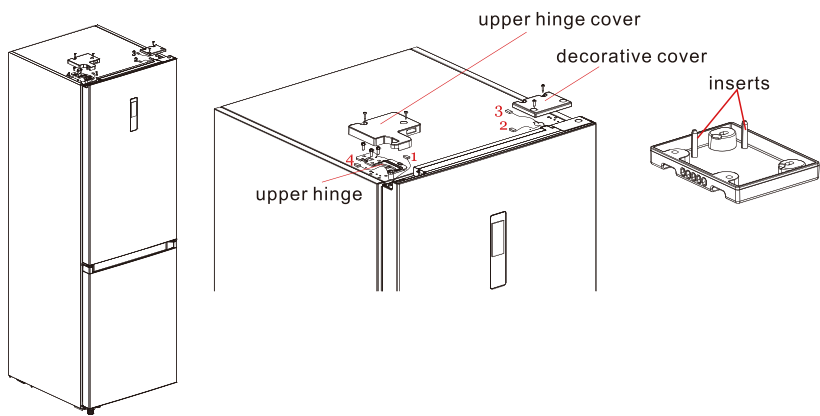
- 1) Remove the shaft sleeve and cap of the upper end cover of the freezing door and install them at the left and right swap positions.
- 2) Remove the door self-locking, door stop and shaft sleeve of the freezing door, take out the left door self-locking from the accessory bag, install it on the left side of the lower end cover of the freezing door, change the door stop and shaft sleeve to the left side of the lower end cover of the freezing door.



7. Install the replaced freezing door on the lower hinge, then install the middle hinge and cover the hinge hole decorative cover.

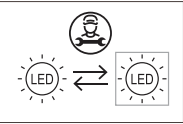


8. Remove the upper left hinge cover and upper left hinge from the accessory bag. Place the refrigerated door body on the middle hinge and install the upper left hinge. Connect the refrigerator top signal line 4 to the door body signal line 1, and connect the signal line 2 to the signal line 3. Finally, replace the hinge decorative cover to the right side of the box body (note: when replacing the hinge decorative cover to the right side of the box body, the two inserts on the hinge decorative cover (as shown in the figure) shall be cut off)



(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

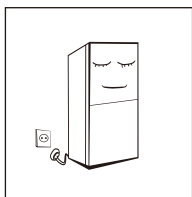


- Any replacement or maintenance of the LED lamps is intended to be made by the manufacturer, its service agent or similar qualified person.

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

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

2.5 Starting



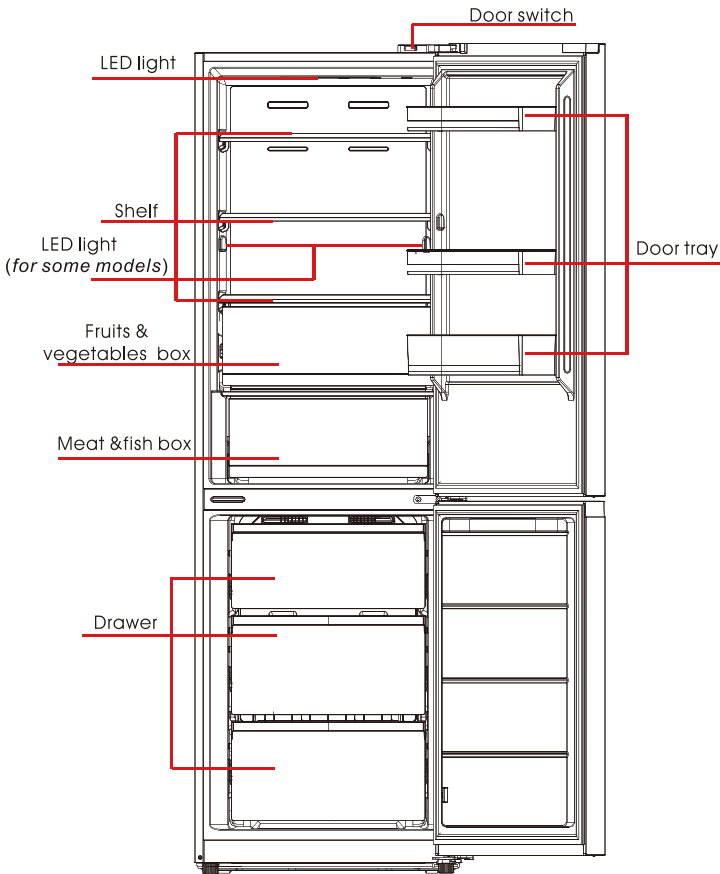
- After transportation, please let the product stay for more than 2 hours before turning on the power, otherwise it will lead to a decrease in cooling capacity or a damage to the product.
- Before putting any fresh or frozen foods, the refrigerator shall have run for 2-3 hours, or for above 4 hours in 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.

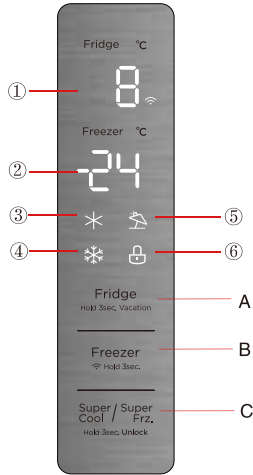
Freezing chamber

- The low temperature freezing chamber may keep food fresh for a long time and it is mainly used to store frozen foods and making ice.
- The freezing chamber is suitable for storage of meat, fish, rice balls and other foods not to be consumed in short term.
- Chunks of meat are preferably to be divided into small pieces for easy access. Please be noted food shall be consumed within the shelf time.

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

Sensors: Temperature Sensor

3.2 Functions



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

Display screen

① Refrigerating chamber temperature display area ② Freezing chamber temperature display area
③ Quick cool icon ④ Quick freeze icon ⑤ Vacation icon ⑥ Lock icon

Operation button

A. Temperature setting button of refrigerating chamber B. Temperature setting button of freezing chamber
C. Super cool/super freezing button

Display

When power on the refrigerator for the 1st time, the whole display panel will shine for 3 seconds. Then the display panel enters the normal display. The first time for using the refrigerator, the default set temperatures of refrigerating chamber, freezing chamber is 5 °C / -18 °C respectively.

When the error occurs, the display panel shows the error code (see next page); during normal running, the display panel shows the set temperature of refrigerating chamber, freezing chamber.

Under normal running, if there is no operation or opening door action within 30s, the display panel will be locked, the light of display panel will go out after the locked state continued for 30s.


Lock /unlock

In the non-locking state, press and hold the super-cool /super-freezer button for 3 seconds to enter the locked state and the lock buzzer will sound.
In the locked state, press and hold the super-cool /super-freezer button for 3 seconds to enter the unlocked state and the unlocking buzzer will sound.
After 30 seconds of no button operation, it will automatically enter the locked state, and the external display board with a music buzzer will sound the lock buzzer at the same time.
The alarm sound release operation can be carried out in the locked state, and all other key operations must be carried out in the unlocked state.
If the operation is in the locked state, an error buzzer will be displayed.

Temperature setting of refrigerating chamber

Click the button ^{Fridge} to change the set temperature of refrigerating chamber, each click of temperature adjusting button of the refrigerating chamber, the set temperature will be reduced 1 °C. The temperature setting range of refrigerating chamber is 2~8 °C. When the set temperature is 2 °C, Click the button again, the set temperature of refrigerating chamber will switch to 8 °C.

Temperature setting of freezing chamber

Click the button  to change the set temperature of freezing chamber, each click of temperature adjusting button of the freezing chamber, the set temperature will be reduced 1 °C. The temperature setting range for freezing chamber is -24~ -16°C. When the temperature is -24 °C, click the button again, the set temperature of freezing chamber will switch to -16 °C.

Mode setting

Long press the refrigeration temperature adjustment button (3s) to set/cancel the holiday mode. When setting the holiday mode, the refrigeration is turned off, the refrigeration temperature display area is extinguished, and the freezing is automatically set to -18°C; Adjusting the refrigeration/freezing/super cool and super freezer buttons will exit the holiday mode. When exiting the holiday mode, the refrigeration set temperature will automatically return to the set temperature before the holiday mode; the freezing set temperature will automatically return to the set temperature before the holiday mode; enter the normal operation mode.

Super freeze mode

Super cool and super freezer mode, press the super cool/super freezer button, the setting sequence is: super cool -> super freezer -> cancel. When setting/cancelling the super cool mode, the corresponding super cool icon is on/off; when setting the super cool mode, the refrigeration is automatically set to 2°C; When exiting the super-cool mode, the set temperature of the refrigerating room will automatically return to the set temperature before the quick-cooling mode; When the super-freezer mode is set, the corresponding super-freezer icon is lit; when the super-freezer mode is set, the freezing is automatically set to -24°C; When exiting the super-freezer mode, the set temperature of the freezer compartment will automatically return to the set temperature before the super-freezer mode; Super cool mode automatically disabled for 6H. Super freezer mode automatically disabled for 24H. Recommended setting: refrigerated chamber 4 °C ,freezing chamber - 18°C.

Note: The super-freezer function is designed to maintain the nutritional value of the food in the freezer. It can freeze the food in the shortest time. If a large amount of food is frozen at one time, it is recommended that the user turn on the quick-freezing function and put the food in. At this time, the freezing speed of the freezer compartment is increased, which can quickly freeze the food, effectively lock the nutrition of the food, and facilitate storage.

Opening warning and alarm control

If the refrigerator door is open for 120 seconds without closing, the buzzer will alarm until the refrigerator door is closed; any key will cancel the buzzer alarm.

Fault indication

The following warnings appearing on the display indicate corresponding faults of the refrigerator. Though the refrigerator may still have cold storage function with the following faults, the user shall contact a maintenance specialist for maintenance, so as to ensure optimized operation of the appliance.


Fault Code	Fault Description
E1	Temperature sensor failure of refrigerating chamber
E2	Temperature sensor failure of freezing chamber
E3	Temperature sensor failure of meat&fish zone
E5	Freezing defrost sensor detection circuit error
E6	Communication error
E7	Ambient temperature sensor error

4 Maintenance and care of the refrigerator

4.1 Overall cleaning

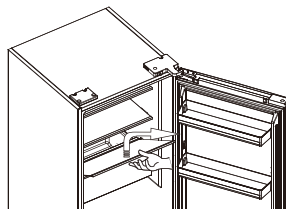
- Dusts behind the refrigerator and on the ground shall be timely cleaned to improve the cooling effect and energy saving.
- Check the door gasket regularly to make sure there are no debris. Clean the door gasket with a soft cloth dampened with soapy water or diluted detergent.
- The interior of the 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 Cleaning the glass shelf

- Remove the drawer on the glass shelf;
- Lift up the front of glass shelf (about 60°), and then pull out;
- Remove the glass shelf and clean as needed;
- The reverse operation is for installation of glass shelf.




4.3 Defrosting

- 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.

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