Instruction Manual

REFRIGERATOR

Model: HQ-567WEN(ESN)

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1 Safety warnings

1.1 Warning · · ·

1 Safety warnings

1.1 Warning



Warning:risk of fire / flammable materials

RECOMMENDATIONS:
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.

For EN 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.

For IEC standards: 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: Risk of fire / flammable materials.
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.

Do not use extension cords or ungrounded (two prong) adapters
DANGER: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 refrigerator are flammable.
Therefore, when the refrigerator is scraped, 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.

1.2 Meaning 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

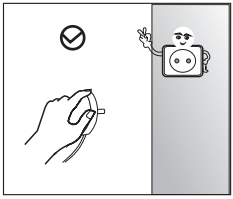
This is a warning symbol.
It is required to operate in strict observance of instructions marked with this symbol; or otherwise damage to the product or personal injury may be caused.

Note symbol

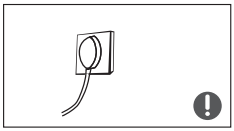
This is a cautioning symbol.
Instructions marked with this symbol require special caution. Insufficient caution may result in slight or moderate injury, or damage to the product.

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

1.3 Electricity related warnings



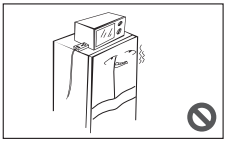
- Do not pull the power cord when pulling the power plug of the refrigerator. Please firmly grasp the plug and pull out it from the socket directly.
- To ensure safe use, do not damage the power cord or use the power cord when it is damaged or worn.



- Please use a dedicated power socket and the power socket shall not be shared with other electrical appliances. The power cord 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.

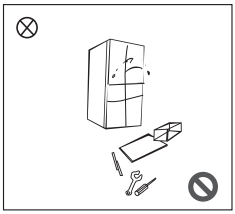


- Please turn off the valve of the leaking gas and then open the doors and windows in case of leakage of gas and other flammable gases. Do not unplug the refrigerator and other electrical appliances considering that spark may cause a fire.

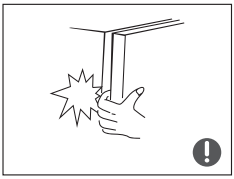


- Do not use electrical appliances inside the food storage compartments of the appliance, unless they are of the type recommended by the manufacturer.

1.4 Warnings for using



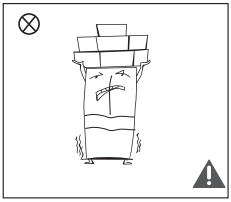
- Do not arbitrarily disassemble or reconstruct the refrigerator, nor damage the refrigerant circuit; maintenance of the appliance must be conducted by a specialist
- Damaged power cord must be replaced by the manufacturer, its maintenance department or related professionals in order to avoid danger.



- 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 squeezing the finger. Please be gentle when switching off the refrigerator door to avoid falling articles.
- Do not pick foods or containers in the freezing chamber when the refrigerator is running, especially metal containers in order to avoid frostbite.

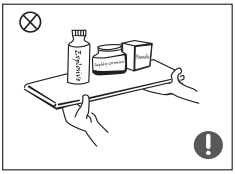


- Do not allow any child to get into or climb the refrigerator; or otherwise suffocation or falling injury of the child may be caused.

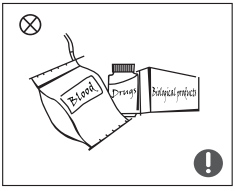


- Do not place heavy objects on the top of the refrigerator considering that objectives may fall when switching the door, and accidental injuries might be caused.
- Please pull of the plug in case of power failure or cleaning. Do not connect the freezer to power supply within five minutes to prevent damages to the compressor due to successive starts.

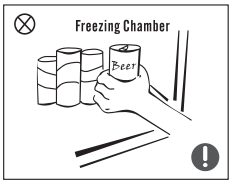
1.5 Warnings for placement of items



- 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

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.
6)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.

1.7 Warnings for disposal

Refrigerant and cyclopentane foaming material used for the refrigerator are flammable. Therefore, when the refrigerator is scraped, 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.

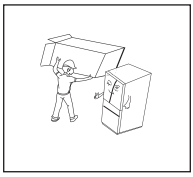
When the refrigerator is scraped, disassemble the doors, and remove the seal of the lower door and shelves; put the doors and shelves in a proper place, so as to prevent trapping of any child.



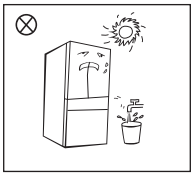
Correct Disposal of this product：
This marking indicates that this product should not be disposed with other household wastes throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material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

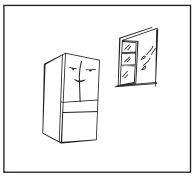
2.1 Placement



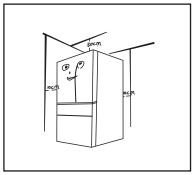
- Before use, remove all packing materials, including bottom cushions, foam pads and tapes inside of the refrigerator;
  tear off the protective film on the doors and the refrigerator body.



- 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.



- 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).

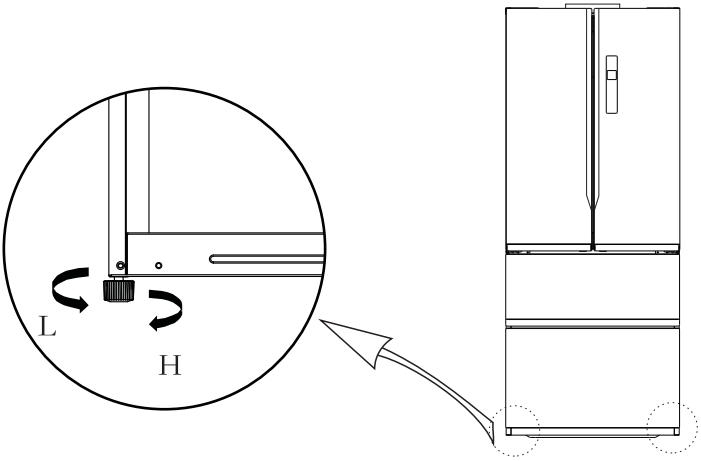


- The top space of the refrigerator shall be greater than 30cm, and The refrigerator should be placed against a wall with a free distance more than 10cm to facilitate the opening and closing and heat dissipation.

2.2 Leveling feet

1) Precautions before operation:
Before operation of accessories, it shall be ensured that the refrigerator is disconnected from power.
Before adjusting the leveling feet, precautions shall be taken to prevent any personal injury.

2) Schematic diagram of the leveling feet



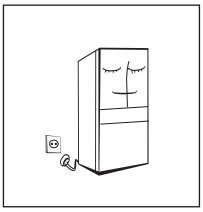
(The picture above is only for reference. The actual configuration will depend on the physical product or statement by the distributor)

3) 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.

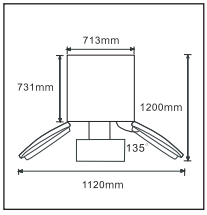
2.3 Changing the Light

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

2.4 Starting



- Before initial start, keep the refrigerator still for half an hour before connecting it to power supply.
- 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.



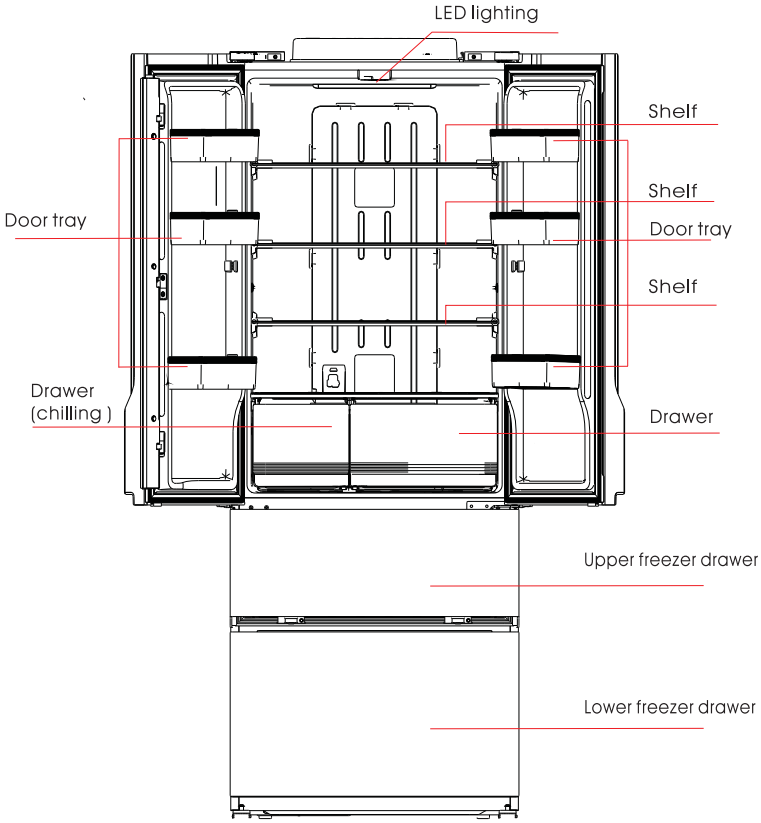
- Spare enough space for convenient opening of the doors and drawers.
- The picture above is only for reference. The actual configuration will depend on the physical product or statement by the distributor

2.5 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)

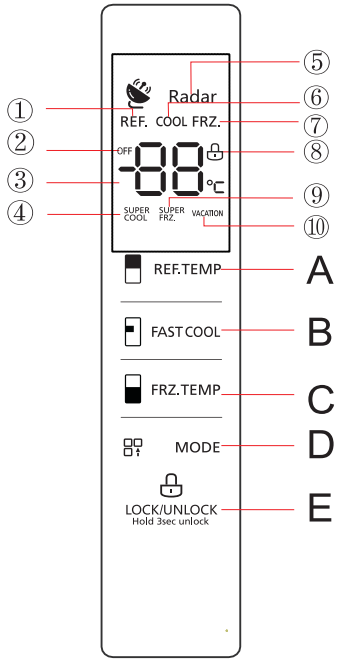
Refrigerating chamber

- The Refrigerating Chamber is suitable for storage of a variety of fruits, vegetables, beverages and other food consumed in the short term.
- 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.

3.2 Functions



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

- **Keys**
  A.REF.TEMP
  B.FAST COOL
  C.FRZ.TEMP
  D.MODE
  E.LOCK/UNLOCK

- **Display screen**
  ① Refrigerating icon
  ② Off icon
  ③ Temperature display area
  ④ Super cool icon
  ⑤ Radar icon
  ⑥ Fast cool icon
  ⑦ Freezing icon
  ⑧ Lock/unlock icon
  ⑨ Super freezing icon
  ⑩ Vacation icon

- **Display**
  Display control: In normal cases, the display screen will display LOCK without door opening and key operations for 30s, and then die out after 30s under the locking state. When the display screen is off, it will light up normally with key operations; when a failure to the category of “Visible Fault Code”, the display screen turns on and then dies out after 30s;

  Display of normal running: Under the locking state, the display area will display the setting temperature of all chambers in a loop display; under the unlocking state, the icon of currently regulated chamber turns on and the temperature display area will display the temperature of currently regulated chamber; when a failure occurs, the temperature display area will display a fault code (loop display), and the temperature area will display “Ex” (x represents the number);

- **Lock/Unlock**
  Locking: Hold the key “LOCK/UNLOCK” for 3s under the unlocking state, the system enters the locking state and gives a buzzing sound of locking;
  Without any key operation for 30s, the system enters the locking state automatically.
  Unlocking: Hold the key “LOCK/UNLOCK” for 3s under the locking state, the system enters the unlocking state and gives a buzzing sound of unlocking.
  Except that door opening alarm and fault alarm can be relieved under the locking state, the following key operations must be operated under the unlocking state. For any operation under the locking state, the icon LOCK will flash for three times and prompt a buzzing sound.

- **Settings of refrigerating chamber**

Temperature area display and temperature setting of refrigerating chamber

Press the key REF.TEMP to adjust the temperature of refrigerating chamber; the temperature drops 1℃ for pressing the key REF.TEMP once; press the key REF.TEMP again after the temperature reaches 2℃, the refrigerating chamber is set to 8℃. The temperature setting of refrigerating chamber varies between 2 ~8℃, which will be effective upon locking.

- **Temperature area display and temperature setting of chilling chamber**

Press the key FAST COOL to open and close the functions of chilling chamber;
when the chilling chamber is turned on, the icon COOL turns on and the chilling chamber will run according to the chilling parameters;
When the chilling chamber is turned off, the icon COOL dies out.

- **Temperature area display and temperature setting of freezing chamber**

Press the key FRZ.TEMP. to adjust the temperature of freezing chamber; the temperature drops 1℃ for pressing the key FRZ.TEMP. once; press the key FRZ.TEMP. again after the temperature reaches -24℃, the freezing chamber is set to -16℃ and the temperature setting varies between -24 ~ -16℃, which will be effective upon locking.

- **Smart mode of super cool and super freezing**

Press the key “MODE” , the modes of super cool and super freezing will be circulated as below:
Normal mode →SUPER COOL→ SUPER FRZ→SUPER COOL/SUPER FRZ→Smart→Normal mode…
Under the SUPER COOL mode, the refrigerating chamber will display 2℃; after the SUPER COOL mode exits, the refrigerating chamber will restore to that before the SUPER COOL mode.
Under the SUPER FRZ mode, the freezing chamber will display -24℃; after the SUPER FRZ mode exits, the freezing chamber will restore to that before the SUPER FRZ mode. Under the SMART mode, the refrigerating chamber will display 5℃ and the freezing chamber will display -18℃, and the SUPER COOL and SUPER FRZ modes exit.
Selection of SUPER FRZ time. The default time of SUPER FRZ is 6 hours. Hold on the key MODE for 3s under the SUPER FRZ mode, the system enters the selection menu of SUPER FRZ time. Press the key FRZ.TEMP. to select 6 hours or 48 hours.

- **Radar mode**

The icon “Radar” is always on, to prompt that the refrigerator has the radar temperature-sensing function.

- **Door opening prompt and door opening alarm**

The door opening music sounds upon opening of cooler door or refrigerator door; if the door opening of cooler or refrigerator lasts 120s, the buzzer gives an alarm until the corresponding door is closed. Press any key to cancel the door opening alarm of the buzzer.

- **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.

Error code	Error description
E1	Temperature sensor failure of refrigerating chamber
E2	Temperature sensor failure of freezing chamber
E3	Temperature sensor failure of chilling chamber
E5	Freezing defrost sensor detection circuit error
E6	Communication error
E7	Circulation of temperature detection circuit error
EH	Moisture sensor error
E—	Detection circuit error of radar probe 1
E二	Detection circuit error of radar probe 2

4. Maintenance and care of the appliance

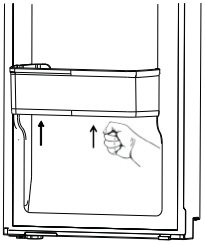
4.1 Overall cleaning

- Dusts behind the refrigerator and on the ground shall be timely cleaned to improve the cooling effect and energy saving. The interior of the refrigerator should be cleaned regularly to avoid odor. Soft towels or sponge dipped in water and non-corrosive neutral detergents are suggested for cleaning. The freezer of shall be finally cleaned with clean water and dry cloth. Open the door for natural drying before the power is turned on.
- 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 clean refrigerator considering that this may damage the fridge surface and interior.
- Do not rinse with water so as not to affect the electrical insulation properties.



⚠ Please unplug the refrigerator for defrost and cleaning.

4.2 Cleaning of door tray



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

Cleaning steps:

a、in order to conveniently take off tray, punch the bottom of right part of tray for several times and again punch the bottom of left part of tray for several times, as shown in the figure;

b、 tray can be smoothly taken off after it has been loosened. ;

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 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

5.1You 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 suggestible 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 Have the light replaced by a specialist
Doors cannot be properly closed	The door is stuck by food packages Too much food is placed 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, storage of too much food or shutdown of the compressor is shut down, 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.