Instruction on fan cooling fridge & freezer

1) Precautions for use

To reduce the risk of fire, electric shock, or personal injury when using the product, basic safety precautions should be followed, including the following.

1. Make sure the voltage rating matches the voltage of the electrical system in the room before plugging the appliance into the outlet. Power plugs should have their own individual sockets. Use of adapters, extension sockets, etc. may cause overheating or burning.

2. Children 8 years of age and older and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge should not use this equipment until they have been supervised or instructed in the safe use of the equipment and have been made aware of the hazards involved.

3. Children must not play with the equipment.

4. Children must not clean or maintain this equipment without supervision.

5. If the power cord is damaged, it must be replaced by the manufacturer or its service agent or similar qualified professional to avoid danger.

6. If the relevant components in the appliance are damaged, the power cord must be replaced by the manufacturer or its service agent or similar qualified professional to avoid danger.

7. Connect the product only to a properly grounded outlet. Avoid using extension cords. Do not pull cords under carpeting, treadmills or similar items. Locate the cord away from traffic areas where it will not pose a tripping hazard.

8. Always unplug the machine when not in use and before cleaning, adjusting or servicing the machine. For equipment with a power switch, turn off the power switch before unplugging the unit when disconnecting it.

9. Do not disconnect the equipment by pulling on the power cord. Disconnect by grasping and pulling on the top of the plug.

10. Do not unplug the power cord or touch the power plug with wet hands. Remove water or dust from the power plug and insert the plug so that the ends of the pins are firmly connected.

11. Do not use the product outdoors.

12. Do not splash water on the unit. It may cause malfunction or electric shock.

13. Do not disassemble, repair or replace equipment parts by yourself. It may cause fire or abnormal operation, resulting in personal injury.

14. Do not touch cold surfaces in the refrigerator freezer after it has been operated, especially when your hands are wet. Skin may adhere to these extremely cold surfaces.

15. Never place glassware in the freezer as it may break when its internal

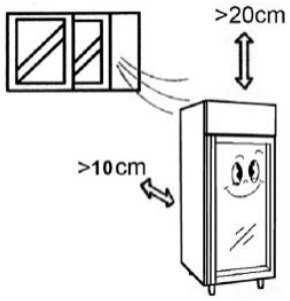
contents are frozen.

16. This equipment is only intended for the storage and display of packaged food (bottled, canned, boxed, safety bagged or safety packed in sealed containers). This equipment cannot be used for other purposes such as the storage of blood, medicines and biological products.

17. The maximum load capacity of the food shelf is 40 kg.

18. Do not place any flammable or explosive substances in the cabinet: ether, gasoline, alcohol, adhesives and explosives. Do not place dangerous items near the cabinet.

19. Place the cabinet in a well-ventilated area, with the sides and back of the cabinet no less than 10 centimeters from a wall or other object. If the space around it is too small the cooling capacity may be reduced.



20. Do not place the cabinet in direct sunlight. Do not place any heat source or heater in the vicinity to avoid affecting the cooling capacity.

21. Do not place the product around flammable or explosive materials, keep it away from heat sources, avoid direct sunlight and hot air currents, and do not place the product in the vicinity of any flammable or explosive materials.Avoid direct sunlight and hot air currents, and do not place the

product outdoors or in a place where it may be wetted by rain. There should be enough space around the condenser to ensure smooth condenser ventilation. Strict adherence to the above requirements will facilitate the performance of the refrigerator's cooling capacity.

22. The appliance should be placed on a level and stable floor. If padding is required, please choose smooth, hard, non-combustible pads.

23. Do not drill holes anywhere in the cabinet.

24. Do not place anything on top of the cabinet, especially heavy objects and containers with water, which may fall and injure people or overflow and cause electrical leakage.

25. Do not tilt the cabinet more than 45 degrees at any time, as this will cause the compressor to malfunction.

26. Do not put hot food directly into the cabinet: cool down the hot food to room temperature before putting it into the refrigerator.

27. If you buy the product without frame, center beam, glass door heating wire, condensation is normal phenomenon under high humidity and high ambient temperature.

2) Precautions for the use of R600a/R290 combustible refrigerants

1. Do not store explosive substances in this appliance， such as aerosol cans with flammable propellants in this appliance.

2. WARNING: Keep ventilation clear of obstructions around the appliance or in the built-in structure.

3. WARNING: Do not use mechanical devices or other means to accelerate the defrosting process except as recommended by the manufacturer.

4. WARNING: Do not damage the refrigeration circuit.

5. WARNING: Do not use electrical appliances in the food storage compartment of the appliance except of the type recommended by the manufacturer.

WARNING: Fire hazard/combustible materials

CAUTION: Danger of fire and explosion with flammable refrigerant R600a/R290.

3) Installation and operation of equipment

1. The product is packaged with cushioning material as well as cardboard box and wooden base board, please remove all packaging components.

2. This product is used in an environment of: 5 ～ 32℃, Humidity:20%RH～70%RH. The altitude is not higher than 1500 meters above sea level. When the humidity is high, there will be condensation on the outside of the cabinet and the surface of the glass door.

3. This series of products use AC 220V/50Hz power supply, if the voltage fluctuation range is larger. Beyond the range of 220V ± 10%, will cause product failure or even damage, this time must be installed with the appropriate capacity of the automatic voltage regulator with the use of.

4. Must use an independent special socket and reliable grounding, the product power cord is equipped with a three-wire (grounding) plug, should be used in accordance with the standard three-wire grounding socket, do not remove or remove the third pin of the power cord (grounding) under any circumstances.

5. After the equipment is put in place, please carefully clean all the parts inside the cabinet, then wipe clean the bottom cover plate and laminate, and turn on the power.

6. The first operation should be run without load for 2 hours to make sure that the refrigeration system is working properly and the temperature inside the cabinet is reduced to the labeled range before putting the food into the cabinet.

7. After power failure or unplugging, wait at least 5 minutes before starting the refrigerator again.

8. Keep the power plug firmly in contact with the socket, otherwise it may cause a fire. To prevent damage to the power cord, do not allow the case to press on the cord or step on the cord. Never pull out the power plug by pulling on the power cord, always hold the plug firmly and pull it

straight out of the socket. Do not break or damage any cables otherwise current leakage may cause fire.

9. When the power cord is broken or the plug is broken, do not use it, it must be replaced with the product specified by the manufacturer, please contact the after-sales service.

4) Maintenance and care of equipment

1. To ensure healthy standards and quality of food, clean the inside of the appliance weekly.

2. Always unplug the appliance before cleaning. Use mild washing water or non-corrosive detergent when cleaning. Do not rinse directly from the faucet.

3. Use a neutral detergent with warm water to clean the inside of the freezer. To remove detergent residue, wipe repeatedly with a clean, damp rag.

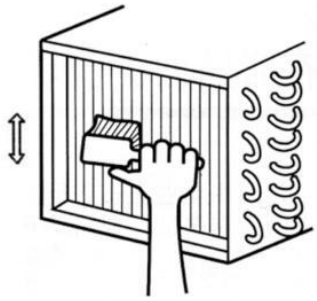
4. To prevent damage to the refrigerator, do not use the following substances when cleaning:

- Acidic or weakly acidic kitchen detergents
- Powdered detergents such as abrasives
- Benzene, cinnabar, alcohol, various acids, petroleum, etc.
- Hard brushes, abrasive sponge brushes, etc.

5. The refrigerator is heavy. Protect the floor when moving the refrigerator for cleaning and maintenance. Keep the refrigerator upright when moving.

6. Do not touch the surface of the freezer parts directly with wet hands to prevent your skin from sticking to the freezer parts, and do not reach directly to the bottom of the refrigerator to clean the floor to avoid injuring your hands. If cleaning is required, remove the refrigerator.

7. Clean dust and debris from the condenser regularly every month. Before cleaning, turn off the refrigerator and unplug it from the power source. Close the refrigerator door to protect the refrigerator from contamination and damage. Remove the fastening screws and remove the protective panel on the condenser vent. Remove dust from the condenser surface with a brush or vacuum cleaner and return the refrigerator to the condition it was in before disassembly.



8. Clean the condenser fins with a wire brush or high pressure air gun.

9. After cleaning the appliance, make sure it is completely dry before using it. Tip: Door sealing tape is easy to get dirty, please pay attention to keep it clean frequently, clean door sealing tape can ensure the refrigerator has a good sealing effect, to avoid consuming unnecessary electricity.

10. Observe the operation of the product frequently. If there is abnormal noise, odor and smoke. Immediately cut off the power supply, and ask a professional to

check and repair. Do not restart the machine until the problem is solved.

11. Do not rinse the surface of the refrigerator with water. Otherwise, electric leakage will occur.

12. Do not spray flammable materials, such as paint or coating, near the refrigerator, or it will cause fire.

13. Non-professionals (including children) should not operate this appliance unless they have been instructed in the use of the appliance, or someone is responsible for their safety. Please supervise children to make sure they do not play with this appliance and do not allow children to

play inside the refrigerator.

During the humid season, there will be condensation on the outside of the cabinet and on the surface of the glass door, which is caused by high humidity, so please wipe it with a dry cloth.

5) Simple fault handling

Fault phenomenon	**Possible reasons**	**Treatment**
Refrigerator not working	Power is not on	Check plugs, sockets, etc. for damage and turn on the power after there is no problem
	Power supply voltage is too low	Ask an electrical professional to fix it
High temperature of the cabinet	Cabinet temperature set too high	Lower the refrigerator setting
	Proximity to heat sources	Remove heat source or change location
	Refrigerator door left open or opening the refrigerator door too often or opening the door for too long	Close the refrigerator door tightly and wait for the refrigerator to run for some more time to solve the problem
	Too much dust on the condenser	Clean the condenser
	Too much food	Adjust food position
	Poor ventilation	Improve ventilation
The light does not come on	Switch off or faulty	Turn on the light switch
	Lamp power supply damaged	Repair and replace power supply
	Lamp damage	Replace lamps
Water droplets on the outside of the refrigerator	Higher air humidity	Please dry with a soft cloth
Strange smell inside the refrigerator	Foods with odors are not sealed	Wrap odorous foods tightly
	There is spoiled food.	Clean up and throw away spoiled food
	The inside of the refrigerator needs to be cleaned	Clean the inside of refrigerator

Please be sure to disconnect the power supply for simple troubleshooting.

Please ask professional electrician and refrigeration worker or factory maintenance personnel to operate the inspection and replacement work.

If the above methods can not be solved after trying, please ask the professional maintenance personnel to deal with.

6) Control panel operation

Symbol	Meaning	Operating Condition		
		On	Out	Flash
set	Status Indicator	/	Non set	Set
❄	Compactor	Power on	Power off	Delay protection
❄	Frost Indicator	Defrosting	Non Defrosting	Defrosting Dripping
	Ventilator	Working	Non Working	/
	Lighting Indicator	Light on	Light off	/

Setting Methods

1) Setting method of shutdown temperature:

Press, display the original set temperature value (and blinking). At this time if you need to modify, you can press the or key to modify to the desired set temperature value. After modification, press to save or 15 seconds without key operation automatic preservation.

2) Door switch

The door switch is open for opening the door and short-circuited for closing the door (short-circuited when the door switch is not in use). After the timeout for opening the door, the buzzer chirps and the door open alarm dR code is displayed and flashes.

3) Switching method

Switch off: under normal state, long press for 3 seconds to stop the output and the digital tube will display OFF.

Power on: under the state of shutdown, press down to resume the normal working display.

4) Lighting key

Non-setting state, press the light on, and then press - light off,The light key is not controlled in the off state and can be switched on and off arbitrarily.

5) Frosting key

In the non-setting state, press and hold the for 3 seconds to turn on the forced defrost and run according to the defrost time. After running the defrost time After running the defrost time, it enters the defrost dripping

mode. Under the frost state, you can also press and hold to force exit the frost mode and turn to the normal working mode.

6) Test Mode

After 6 seconds of first power-up, all relays will be engaged and tS code will be displayed (test is in progress). After 3.5 seconds, all relays will be disconnected and the compressor will enter the first power-on delay time, and at the end of the delay time, the compressor will run at the set temperature.

7) Fault and alarm

① When the cabinet temperature sensor is faulty (broken circuit EEl or short circuit EE2), the alarm will be activated immediately without delay, and the fault code will be displayed and the buzzer will sound. The fault code will be displayed and the buzzer will beep at the same time. Press any key to cancel the alarm tone, but the fault code is still displayed until the fault is removed. Sensor Failure In case of sensor failure, the compressor will start and stop proportionally (15 minutes for refrigerator, 30 minutes for refrigeration, and the cycle will run until the fault is eliminated). The cycle will run until the fault is eliminated.

② Ultra-high temperature alarm HHH, ultra-low temperature alarm LLL. over-temperature will not be alarmed immediately, after the alarm delay time to After the alarm delay time, the over-temperature code (HHH or LLL) will be displayed and the buzzer will beep at the same time, press

any key to cancel the alarm tone, but the fault code will still be displayed until the fault is solved. Press any key to cancel the alarm tone, but the fault code is still displayed until the fault is solved. (The first time power on the over-temperature does not alarm, the default is to start after one refrigeration cycle).

③ Open the door after the timeout alarm time, display the alarm code dR, forced to open the evaporator fan, while the buzzer sounds At this time, check the cause of the alarm, press any key to cancel the alarm tone, but the fault code dR is still displayed until the fault is eliminated and normal display is restored. Press any key to cancel the alarm tone, but the fault code dR is still displayed until the fault is eliminated and the normal display is restored.

Alarms Malfunctions and troubleshooting

①Alarm faults and solutions

Code	Reason	Solution
EE1	Cabinet temperature sensor disconnection	Check the cabinet temperature sensor docking plug for looseness or replace the sensor.
EE2	Cabinet temperature sensor short circuit	Check the cabinet temperature sensor docking plug for broken skin or replace the sensor.
HHH	Ultra-high	Check sensor placement

	temperature	
LLL	Ultra-low temperature	Check sensor placement
dR	Door opening timeout alarm	Check that the door is closed and that the door switch and connecting wires are not broken or damaged.

② Non-alarm faults and solutions

Problem	Reason	Solution
Compressor and defrost icons not displayed, refrigeration not working	Err setting	Check(shutdown temperature value), return 03, for targeted corrections
Compressor and defrost icons displayed, but refrigeration not working	Incorrect wiring or relay does not output	First check the wiring, such as wiring to confirm the correct return to the factory repair
Compressor and defrost icons not displayed, cooling or heating equipment	Incorrect wiring or damaged relay	First check the wiring, such as wiring to confirm the correct return to the factory

working		repair

8) Main technical parameters of the equipment (Fan cooling)

Model	Currency	Power	Refrigerant	Temperature	Size（mm）
QPF6720RS	1.9A	370W	R600a/90g	+1～+8℃	1200×600×800
QPF6725FS	2.8A	520W	R290/100g	-18～-5 ℃	1200×600×800

9) Equipment Disposal

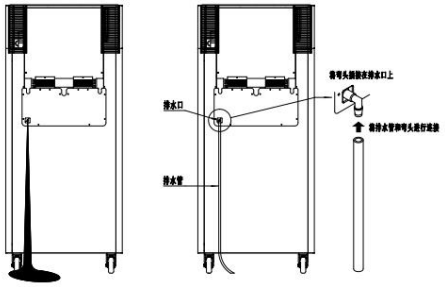
Refrigerants and insulation foam used in equipment require special handling procedures. In order to protect the environment, when this product or parts thereof are scrapped, please separate them from household waste and sent to qualified recycling site, the recycling treatment point then will sort and dismantle, recycle and reuse them in accordance with the relevant state regulations. For more information about the recycling of this product, please consult your local government or waste disposal organization.

10) Tip for Refrigerator Back's Overflow

This product is designed to operate in a specified ambient temperature and humidity. Product operating environment must not exceed the data listed in the table below. If to exceed that parameter, the product will nor achieve the ideal cooling performance. Overly high humidity causes water catch tray's overflow on back.

Parameter	Ambient Temperature and Humidity
4	+30℃/ 55%RH
5	+40℃/ 40%RH

If there is water overflow from the water catch tray on back, please connect the drain hose(10mm internal diameter) to the water catch tray. And the drain hose should be connect to drain pipe in the ground. There is a drain hole on water catch tray, please use the bend pipe in spare parts to connect drain hole and hose. Please notice, drain hose is excluded in spare parts, you need prepare it yourself.



Preliminary determination: According to SBT 10794.2, when the product is opened ≥ 72 times/day, the water catch tray installed at the back will overflow. It is normal for water to overflow from the water catch tray

installed at the back of the door when the door is opened more than 72 times per day. Overflowing water can cause problems such as water pooling on the floor. If a similar problem occurs, please install your own drainage system.