

User Manual For Fridge/Freezer Range Product

Please read this manual carefully before operation.

Brief Introduction of our company

Dear customer:

Thank you very much for choosing our product! Please read the specification carefully before you use product to achieve the optimum effect.

Our company is a professional commercial refrigeration equipment manufacture company. We have advanced assembly line, practiced worker and high-quality after-sale service team. All of our product use efficient famous enclosed type compressor, the advantage is the product structure compact, low noise, making cooling fast and performance remarkable. The appearance is elegant and fashion. It is the best choice for store, supermarket, hotel and bar.

Transport, Install and Deposited

1. Do not let the product reverse or lay down when load and transport it. The angle between the body and floor cannot over 45 degree if you must lean it.
2. Starting up the machine 2 hours later after transportation.
3. In order to achieve better cooling performance, the refrigerator should be in good ventilation, cool environment and without the corrosive gas.
4. Place the refrigerator in hard floor to avoid noise from shaking.

The Usage and Attention

1. Dismantle the out packing, plug in power and let the refrigerator 2~3hours when find a place for refrigerator proper.
2. If the voltage is not in the range from 198V to 242V .Please use voltage stabilizer more than 1500W to avoid hurt for compressor.
3. This product must ground reliably, the ground wire cannot connect the window, water pipe and gas pipe, in order to avoid get an electric shock.
4. Please wait 5~10 minutes then starting up the machine if power off or pull out the plug.
5. When the power cord broken, you should call professional worker to change it or connect our maintenance department to avoid accident.
6. About the thermostat. Refrigerator has 0~8 grade to control the temperature. Usually, adjust in 3~4 grade; the number is larger means the temperature cooler, so you adjust the temperature as needed. If you adjust in 8 grades, the compressor will work all time, then will affect the product life and increase the power consumption.
7. If you choose the chest can transform the high temperature and low temperature. It has 0~7 grade to control the temperature. 0~2 grade is the cool storage and the 2~7 is the freezer. So choose the grade as needed.
8. There are interspaces among the goods so that the cool air can circulate and the

temperature will be balance. In order to save power, please reduce the times of opening the door and shorten the time opening. Avoid the door is open when the refrigerator operation.

9、Put the food into the refrigerator when the hot food become to cool food. Or temperature rise up and increase the power consumption. Please as far as possible do not open the door when the power off.

10、Avoid to strike with the wall of refrigerator when put into the goods, so should get gently and put down gently. You should know the time of storage because some goods will lose their aroma and water storage long time. You should use the non-toxic taker-bag to seal some food avoid lose water and aroma.

11、It will reduce the cooling effect when the frost thicker on the wall .Then should put off all of goods and halt the machine to defrost. Do not use the metal edge tool to scrape when defrost or clean, avoid hurting the copper pipe.

12、The amount of unfrozen food should not over the refrigeration capacity.

13、Please pull out the plug, then clean it if don't use refrigerator longtime. Check the line is whether in good condition when reuses it.

14、Forbid to storage the medicine, inflammable, explosive and volatile chemicals, like alcohol, gas, carbinol and adhesive and so on.

The Clean and Maintenance

In order to keep the condenser have well heat dispersion, please keep the condenser clean. You must to clean the condenser every month. Please brush the fin up and down use the banister brush . don't brush it crosswise. lest the fin is transformation to lead to effect the heat dispersion.

Please clean the body of refrigerator to keep the dry and clean at regular intervals. Please pull out the plug first, then use the soft cloth with neutral cleaning mixture (for example, cleanser essence) to wipe the body of refrigerator. Do not use steel brush or metal shovel. lest to hurt the stainless steel or surface. The

Too noisy	Too low temperature set	temperature	adjust
	Floor not smooth		reput
	capillaries or other pipeline not install stable	Capillaries other pipeline	Check and rastening
	Fan fail	Check the quality	Repair or change
	*condenser fan block up	condenser fan	Clean out sundries
	The pad is not under Compressor		Change compressor
	Compressor fan and Condenser's blot out of place	blot	Fasten the blot

The following condition is normal:

- 1、light sound of the fridge.
- 2、compressor or condenser hot
- 3、water droplet appear when too large gap between the ambient temperature and the fridge temperature . wipe up with a cloth.

Common Troubles and solutions

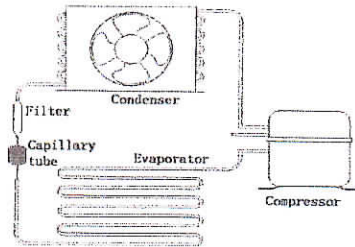
problems	Possible reason	Inspection contents	Solutions
Not cool down	Seal of the door aging, airtight not well	seal	Change a new one
	Temperature set too high	temperature	Adjust the data
Compressor No working	Check if connect to the power supply	plug	Plug in
	Fuse fusing	Fuse holder	replace
	Bad connection	socket	Repair or change
	input control circuit not through	plug	Test by a multimeter
	Too low power supply	Check the voltage	Add on a voltage stabilizer
	*thermostat ineffective	thermostat	replace
	*superheater protector fusing	protector	replace
	*starter burn	protector	change
	*compressor coils burn	electric motor	change
	*compressor assembly block	compressor	change
Compressor not stop	Sensor of thermostat not in the right place	Check if the sensor right in the clip	Adjust the sensor place
	* thermostat broken	thermostat	change
	*not enough cryogen or leakage	Check the frost inner	Add cryogen or reweld
	Evaporator with too thick ice	Can't thicker than 5mm	Stop working and defrosting
	*refrigeration pipe block up	Test the condenser and filter temperature	Change a filter and add cryogen
	*condenser fan no working	Fan and circuit	Change a new fan or check the electric circuit
	Compressor ineffective or no working	Check compressor	change
	Too often open door		Reduce the times
	Too full loaded bad ventilated		Reduce loading
	Door leakage	seal	change

shelf unit can dismantle, So use water to clean the shelf unit .

Strictly prohibit use spray water to clean the body of refrigerator. Lest lead short circuit .

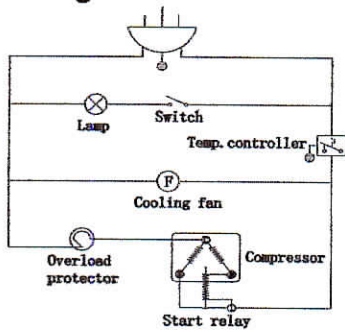
Principles and diagrams

1、 Principles



Single temperature

2、 Diagram



Single Compressor Unit

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