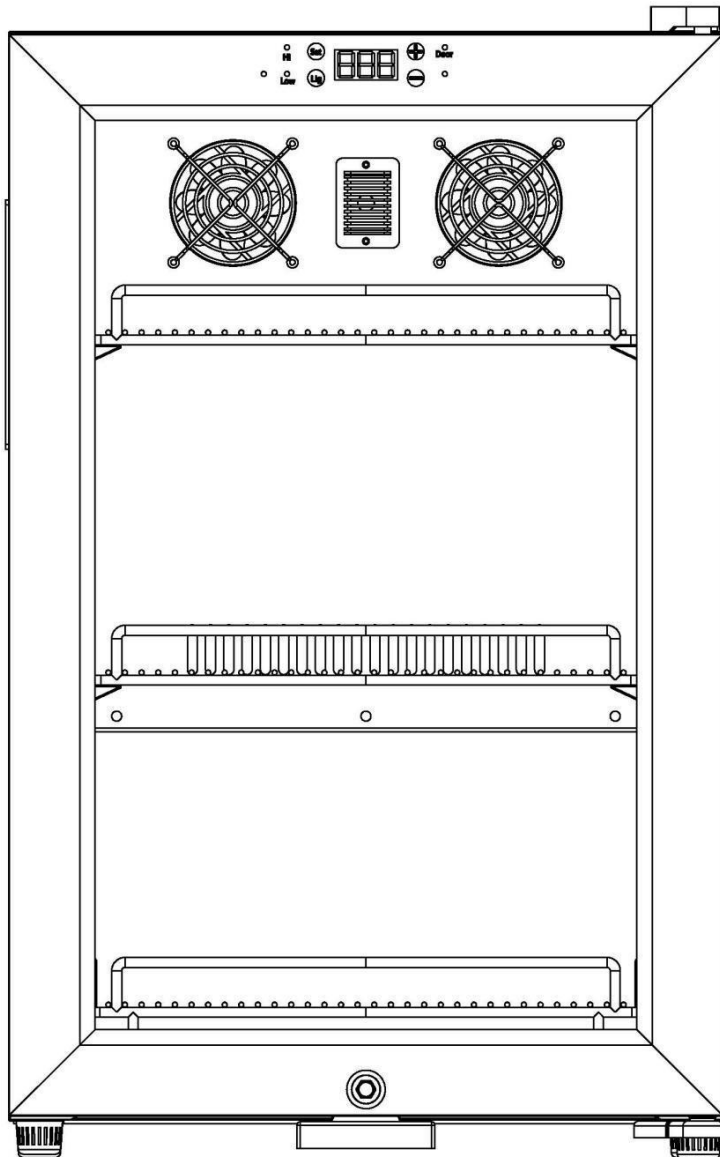


Owner's Manual



The temperature in the box can be adjusted from 2° C to 8° C

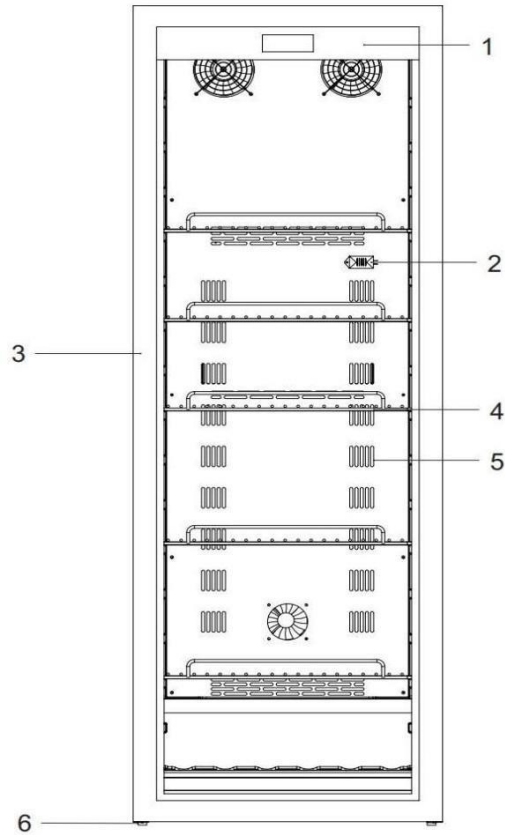
YC-480 YC-270 YC-180 YC-154 YC-66

Thank you for purchasing and using this product. Please read this manual carefully and keep it properly before using.

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1. Structure



(1) Display Board

(2) Sensor

(2) Door Handle

(4) Shelf

(5) Air Outlet

(6) Feet

Note : The company reserves the right to design and change the product. The appearance of the units that you purchase might be slightly different from the Manual, but it does not affect your proper operations and usage.

2. Important safety instruction

- Please read the following precautions carefully to avoid personal injury or property loss caused by mis-operation for your safe use of the product.
- This product can be used in scientific research institutes, biological pharmaceutical factories, hospitals, health and epidemic prevention stations, cosmetics manufacturers, families and individuals and other units , suitable for accurate temperature and humidity requirements of the product storage and display.
- Inflammable and explosive articles cannot be stored. If the articles are volatile, they must be stored in closed containers first.
- The design of this product is limited to subtropical climate (0°C-38°C), otherwise the equipment may not work properly.
- The glass door series should not be used at an altitude of more than 1500 meters. Otherwise, the glass may break and injure the human body.
- Do not extend the power cord without authorization, and do not connect the ground wire to gas pipes, water pipes, lightning rods, and telephone lines. It is forbidden to install it in places where corrosive and flammable gases may leak, otherwise it

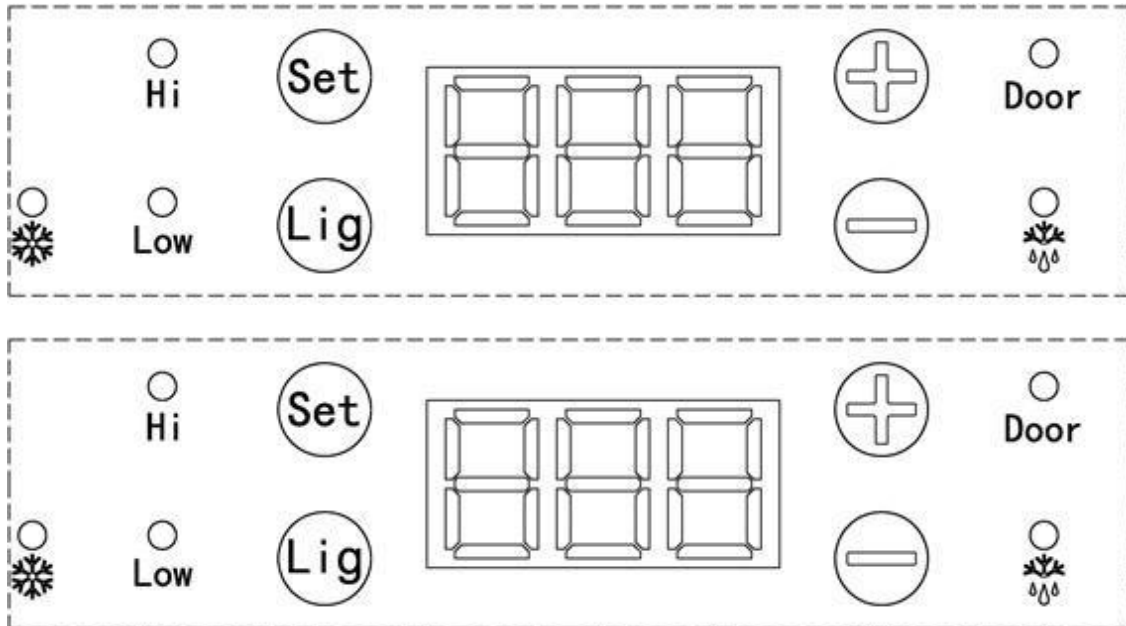
may explode or damage the equipment.



3. Medical cooler installation

- After receiving the product, please confirm whether the package is complete and whether the appearance is defective or deformed.
- Open the door to check whether the internal components are complete, such as shelf, instructions, buttons, etc.
- After confirmation, place the product at the place you specify. Adjust the level of the feet and ensure that the left, right and back of the product are 5CM away from the wall to facilitate cooling.
- Keep away from heat sources and places with high humidity, such as shower rooms and laundry rooms and avoid direct sunlight.
- When handling, the Angle should not be greater than 45 degrees, lying down or upside down, if there is lying down or upside down, must stand for 2 hours before power use.
- Ensure that the voltage is in the range of 220V-240V/50Hz, the product must use an independent socket and have reliable grounding.
- When using for the first time, put the items in batches after the temperature in the box reaches the set value to ensure the temperature in the box.


4. Operation Indicator

- Control panel.




 ON/OFF of the whole system 

ON/OFF of Inside Cabinet LED light

 Open alarm indicator

 Refrigerating indicator






 High temperature alarm indicator

 Low temperature alarm indicator

 Defrosting indicator

 Temperature Upsetting

 Temperature Down setting

- If you need to adjust the temperature, hold down  for 5S, and  . Then press the button to adjust the temperature to the required value. After 5S, the temperature in the box will be displayed again. The increase/decrease of each button   is 0.1 ° C.

- LED light on/off button, every time you press it, the LED light will light up, press it again to turn off, after 10 minutes of no operation, it will automatically turn off.

- automatically extinguished, because some biological products, chemical samples, pharmaceutical preparations, cosmetics, etc. are sensitive to light, long-term light will affect their effects.

Therefore, the built-in LED light is cold light with soft light, which can provide illumination without harming the chemical properties of the stored items.

5. Troubleshooting

- After each power-on, all components work, the indicator lights are all on, and the system self-checks for 10 seconds, and the compressor starts with a delay of 3 minutes after the system self-check is normal.

- After 2 hours of normal power-on, there is no obvious change in

the temperature in the box, the system alarms and buzzes, the display flashes "HHH", the compressor is forced to stop and it recovers after power-on again.

- Alarm code, cause analysis and treatment measures.

Alarm code	Cause analysis	Treatment measures
"Hi" or "Low" Flicker alternately with temperature and buzzer.	The temperature in the box is higher/lower than the set maximum/minimum value, and the door is not closed for a long time.	Close the door for the first time, observe whether the temperature has changed significantly, and alarm when the temperature reaches the set value Automatic release.
"Door" Flicker alternately with temperature and buzzer.	The door is not closed or the door is not closed properly.	Close the door in place and the alarm will be lifted automatically.
"E1" or "E2" Flicker alternately with temperature and buzzer.	Refrigeration temperature sensor failure.	button clear alarm, refrigeration into Enter the second procedure, does not affect the normal use, at the same time contact after-sales.
"E3" or "E4" Flicker alternately with temperature and buzzer.	Defrost temperature sensor failure.	button clear alarm, defrost into Enter the second procedure, does not affect the normal use, at the same time contact after-sales.
"E5" Alternating with temperature scintillation bees The buzzer sounds.	Defrost heating wire fault.	Contact after-sales service to replace the heating wire.
"E6" Alternating with temperature scintillation bees Sound is singing.	Temperature Compensation Heater Failure.	Contact after-sales service to replace the PTC.

<p>“E.”Alternating with temperature scintillation bees Sound is singing.</p>	<p>The communication between the power board and the main board is faulty.</p>	<p>Check whether the connection terminals of the main board and the power board are loose. If the fault is not eliminated after correct connection, please contact after sales.</p>
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6. Maintenance

- In the process of use, reduce the frequency of opening and closing the door as far as possible, shorten the time of opening the door to reduce the leakage of air conditioning and save electricity.
- Try to set the temperature to the upper limit when meeting the required temperature of the item.
- Do not put your fingers, sticks and other things into the fan or directly contact the compressor to avoid scalding.
- When not in use for a long time, take out all items, unplug the power plug, open the cabinet door and clean the inside of the box to dry the water.
- Clean with a soft cloth or neutral detergent then wipe with a wet cloth and do not rinse directly.
- Normal operation for following phenomenon:
 - Heating on the back or side of the product is a normal phenomenon.
 - Condensation formed inside the cabinet :Glass surface

condensation: when the glass surface will produce a little water

droplets , this is due to the environmental humidity is equal to 78% ,
Please wipe it away with dry cloth.

③ Liquid Sound: When the compressor is working, there seems to be no sound of flowing water in the box. The flowing sound of refrigerant in the refrigeration system , which is a normal phenomenon.

④ Glass breaking sound: when the equipment is defrosting, it will occasionally make a sound similar to glass breaking, which is the sound of popping or crackling noise due to the auto defrost cycle melting frost build-up , which is a normal phenomenon.

7.Executive standard

This product implements the following standards:

CB





Warning

Refrigerant and foam layer is flammable , Pay attention to the fire when maintenance , installation , transportation and handling. Used product need to be recycled by specialized companies , don't arbitrarily discarded.