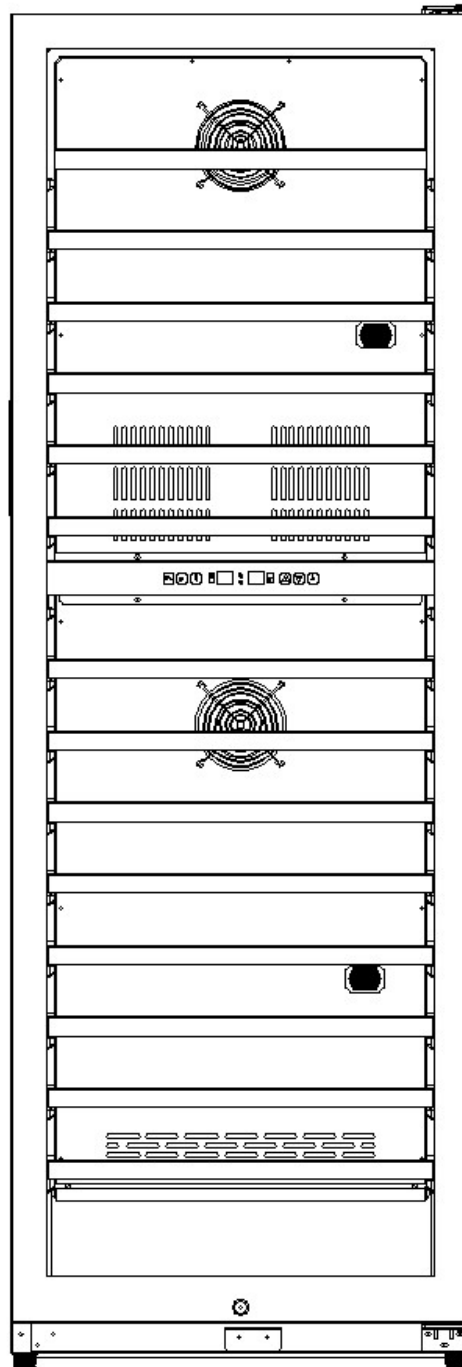


Free standing wine cooler

Model: ZS-B459



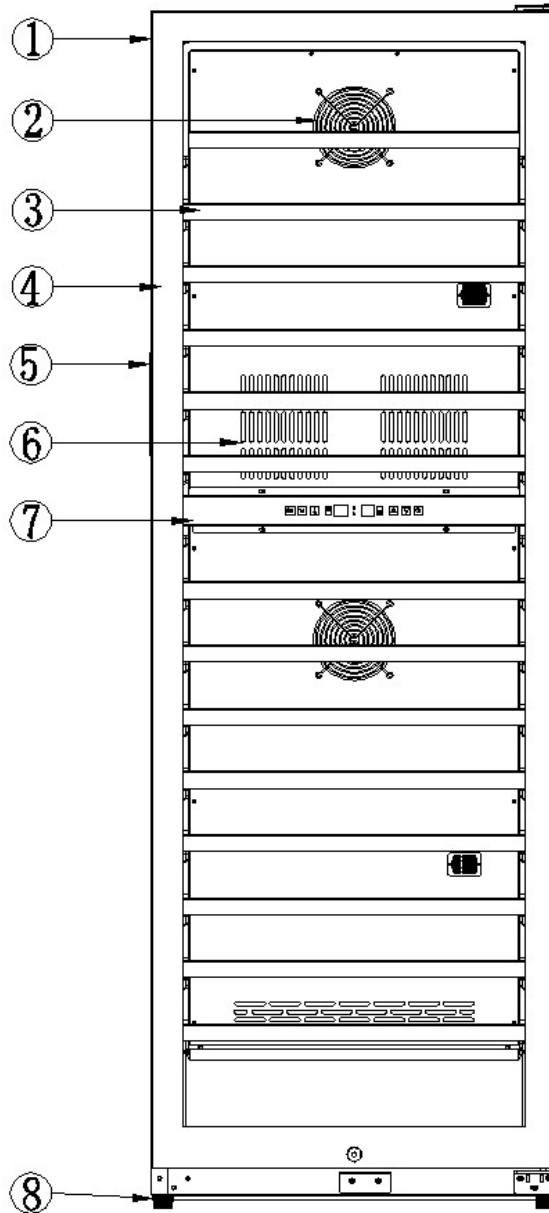
Catalog

Important Safety Information.....	1
Humidor Cabinet Structure Diagram.....	2
Product installation and placement.....	3/4
Temperature setting.....	5/6
Precautions.....	6/7
Product parameters.....	7
Warranty.....	8

Important Safety Information

- ⓘ Use the following safety principles to avoid damage to the humidor due to the working environment.
- ⓘ Please read carefully before using the product and retain all operating instructions for future reference.
- ⊘ Do not allow children to climb, stand or hang on the shelves in the cooler. They could damage the cooler and seriously injure themselves.
- ⊘ Do not use damaged wires, if damaged, it must be replaced by the manufacturer or professionals to avoid danger
- ⊘ It is strictly forbidden to use inferior wires and power strips to switch. Make sure to plug it directly into a power outlet.
- ⊘ Do not clean the product with flammable, corrosive liquids. Please wash with mild detergent
- ⊘ Do not place the product near any flammable materials, keep away from heat sources, and avoid direct exposure to the sun.
- ⊘ Do not pull the cord to remove the plug, remove the plug from the outlet, and do not plug into the power outlet until installed.

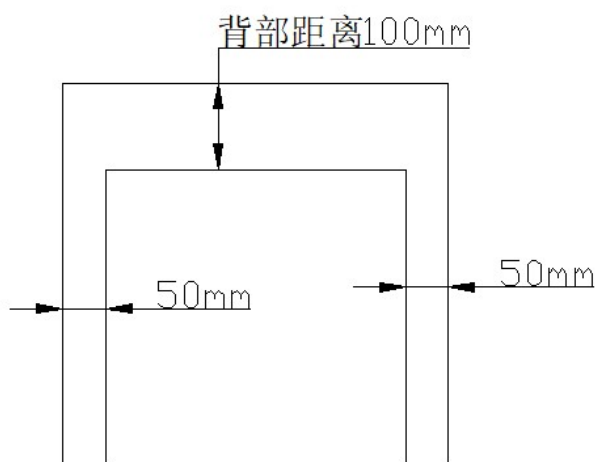
Cabinet Structure Diagram



- ① Box body
- ② Box refrigeration position
- ③ Shelf
- ④ glass door
- ⑤ Handle
- ⑥ Cold air circulation position
- ⑦ Control panel
- ⑧ Adjustable feet

Product installation and placement

Place the wine cabinet: The wine cabinet can be placed on any flat ground that is far away from heating appliances. When the cabinet is unstable, you can adjust the cabinet feet (screw the cabinet feet to make all four feet of the wine cabinet close to the ground) to make the cabinet finally Body stable. When installing a non-recessed wine cabinet, make sure that there is at least 50mm clearance on each side and at least 100mm clearance at the back, because this is the main outlet for hot air, and an adequate ventilation system should be reserved, as shown in the figure below:



1. Matters needing attention: The refrigeration window in the box and the cold air circulation window in the box should be avoided to be blocked. Blocking will cause the temperature in the box to fail to meet the set requirements or cause the temperature in the box to be uneven.

2. Change the door opening direction: This product can change the door opening direction according to the actual installation needs. The door hinge of the product is on the right side. If you need to change the door direction, please follow the steps below.

1) Remove the 3 screws ② securing the upper door hinge ① with an external hexagon wrench. see picture 1

2) Then hold the door body ③ with both hands, slowly and vertically upward, and remove the door body. Carefully place on a protective cushion. see Figure

3) Use a Phillips screwdriver to remove the screws ④ on the lower door hinge. Use a flat-blade screwdriver to remove the lower door hinge core ⑤ from the lower door hinge, and install it into another screw hole on the lower door hinge. Then install it in the corresponding position on the other side of the box. See Figure 3

4) Install the door body in the reverse order of dismantling the door, install the upper door hinge in the screw hole on the other side of the top of the box, adjust the level of the door body, lock the screws, and complete the replacement of the door opening direction.

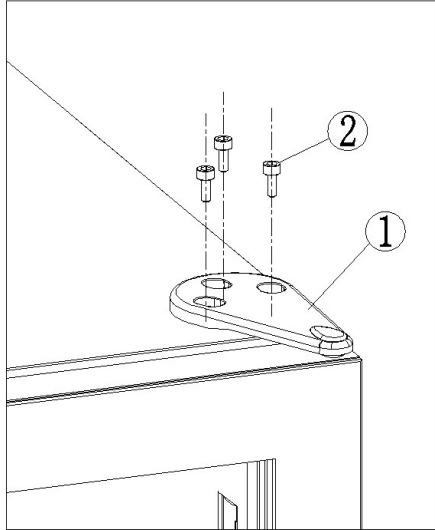


图 1

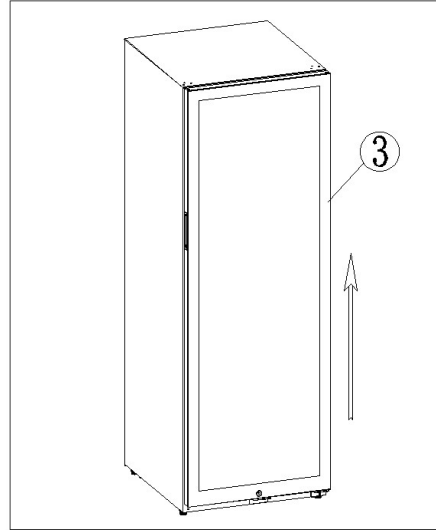


图 2

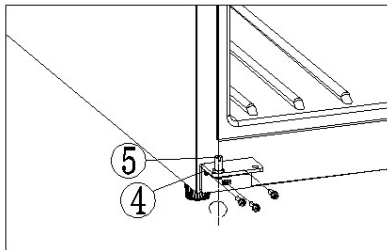
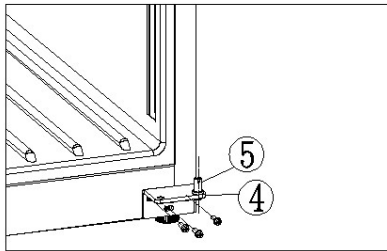


图 3

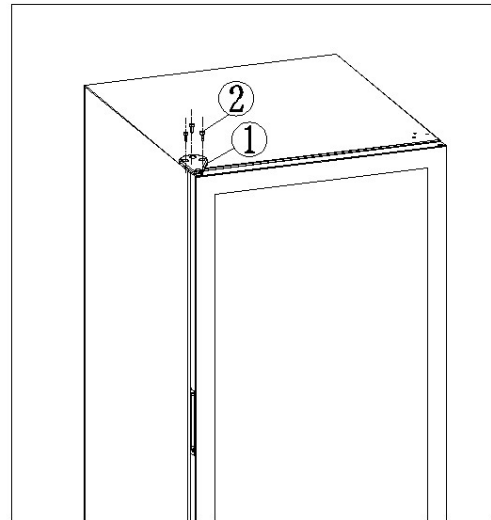
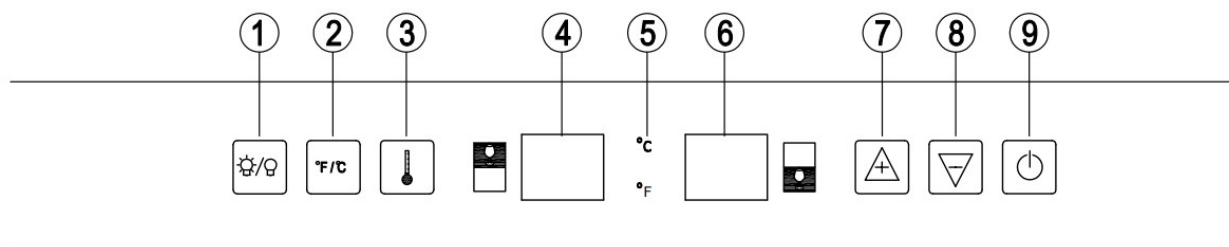



图 4


Temperature settings


The temperature setting is operated on the control panel.

(1) The functions of the buttons on the control panel:



① Light switch key,  when working, press this key to control the lighting and extinguishing of the lighting in the box.


② Temperature display digital tube measurement unit setting key.  Press the measurement unit setting key to change the measurement unit of the temperature display.

③ Temperature setting key,  the temperature setting must be pressed first before setting. Press the temperature setting key once, the upper room temperature display digital tube flashes, indicating that the upper room temperature can be changed by pressing the temperature setting up or down key to change the upper room temperature setting value; Press it again, the lower room temperature display nixie tube flashes (the upper room temperature display nixie tube stops flashing), indicating that the lower room temperature can be set by pressing the temperature setting up or down key to change the lower room temperature setting value; press again Press this key, the temperature display nixie tubes of the upper chamber and the lower chamber stop flashing, and resume to display the temperature of the upper chamber and the lower chamber respectively. When the upper or lower chamber temperature is set, and no button is pressed, it will automatically return to the state of displaying the temperature in the upper and lower chambers respectively after 5 seconds;


④ Upper room temperature setting/temperature display window; 


⑤ Temperature measurement unit display;
 °C
 °F

⑥ Lower room temperature setting/temperature display window 

⑦ Set temperature up key  . When the upper room temperature setting/temperature display or the lower room temperature setting/temperature display is flashing, press this key to change the set temperature of the upper room or the lower room. Press it once, the temperature will rise by





1 degree, until the maximum value set by the temperature in the box;

- ⑧ Set temperature down key . When the upper room temperature setting/temperature display or the lower room temperature setting/temperature display is flashing, press this key to change the set temperature of the upper room or the lower room. Press it once, the temperature will drop by 1 degree, until the minimum value of the temperature set in the box;

- ⑨ Power switch key . In the shutdown state, the display does not display, press the switch key, the screen displays all parameters normally, and the wine cabinet starts to work. When you need to stop working, press and hold the power button for 5 seconds to shut down.

(2) Power-off set temperature memory function: that is, the set temperature is still automatically saved in the case of power failure, and the next time the wine cabinet is powered on, its temperature setting value is still the set temperature when it was turned off last time;

(3) Automatic frost function: The humidor has been designed with an automatic frost function. The purpose of the defrosting function is to regularly remove the frost that remains on the surface of the evaporator of the refrigeration system (built-in, not visible when it is not disassembled), so as to ensure that the refrigeration system has been operating efficiently and in a good cooling state. When the machine runs for a period of time, the machine automatically enters the defrosting state, at this time the compressor of the humidor stops running, and the cooling fan in the box runs continuously. When defrosting, the temperature in the box will rise, which is not a malfunction.

(4) Child lock function: Press the   temperature increasing setting key/temperature decreasing setting key at the same time for 3 seconds to lock, and all keys are locked after locking; after locking, press the   temperature increasing setting key/temperature decreasing setting key again after 3 seconds Unlock.

Precautions

1. Non-recessed wine cabinets must ensure that there is at least 50mm clearance on each side and at least 100mm clearance on the back, because this is the main outlet for hot air, and there must be sufficient ventilation system, otherwise it will cause the wine cabinet to overheat and cause accidents;
2. The refrigeration window and the cold air circulation window in the box should be prevented from being blocked during use, otherwise abnormal phenomena such as the temperature in the box will not drop and the temperature in the box will not be uniform;
3. Pay attention to closing the door of the box. If the door is not closed for a long time, it will cause abnormal phenomena such as the decline of refrigeration efficiency, overflow of water in the box,

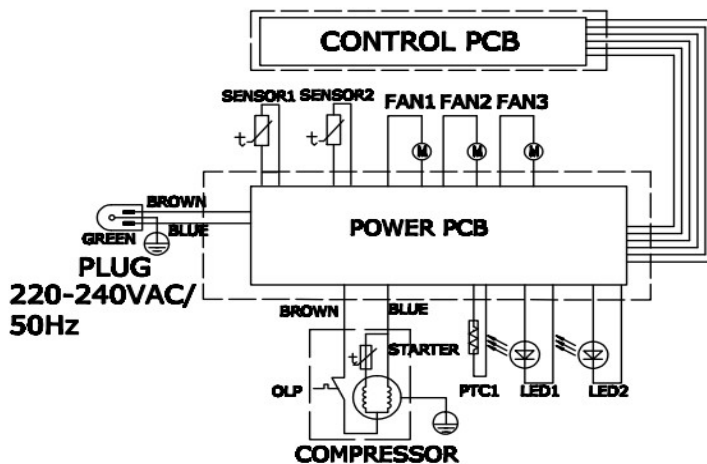
and abnormal temperature;

4. When the wine cabinet is not in use for a long time, the power supply should be completely turned off, and the door should be opened for a period of time after cleaning to make the inside of the cabinet as dry as possible.

Product parameters

- ① Net volume: 450L
- ② Voltage: 220~240V /50Hz
- ③ Rated current: 1.2A
- ④ Rated power: 90W
- ⑤ Foaming agent: Cyclopentane
- ⑥ Refrigerant: R600a/52g
- ⑦ Net weight: 97Kg
- ⑧ Product Size (WxDxH): 598mm x 701mm x 1772m

ELECTRICAL SCHEMATICS



Failure analysis

Error code	Explain
The digital tube shows E0	temperature sensor open circuit
Nixie tube shows E1	Temperature sensor short circuit
Nixie tube shows E5	Communication failure (signal line failure)
The digital tube shows H	High temperature alarm
Digital tube display L	Low temperature alarm

Warranty

This product manufactured by Zhongshan Josoo Electric Appliance Co.,Ltd

The warranty does not apply to damage resulting from abuse, accident, natural disaster, loss of electrical power to the product for any reason, alteration, outdoor use, improper installation, and improper operation, repair or service of the product by anyone other than an authorized by us, service agency or representative.