

**INSTRUCTION MANUAL**

**FOR**

**DISPLAY COOLER**

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.

**SC-68**

Please read this manual carefully,  
and make sure to keep this manual  
in the place accessible by the user  
at any time

# 1 Safety Cautions






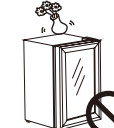


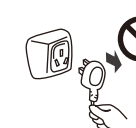

All with the marked content, must be prohibited, or products that may cause damage or endanger the personal safety of users



All with the marked content, must be in strict accordance with the requirements of operation, or products that may cause damage or endanger the personal safety of users.



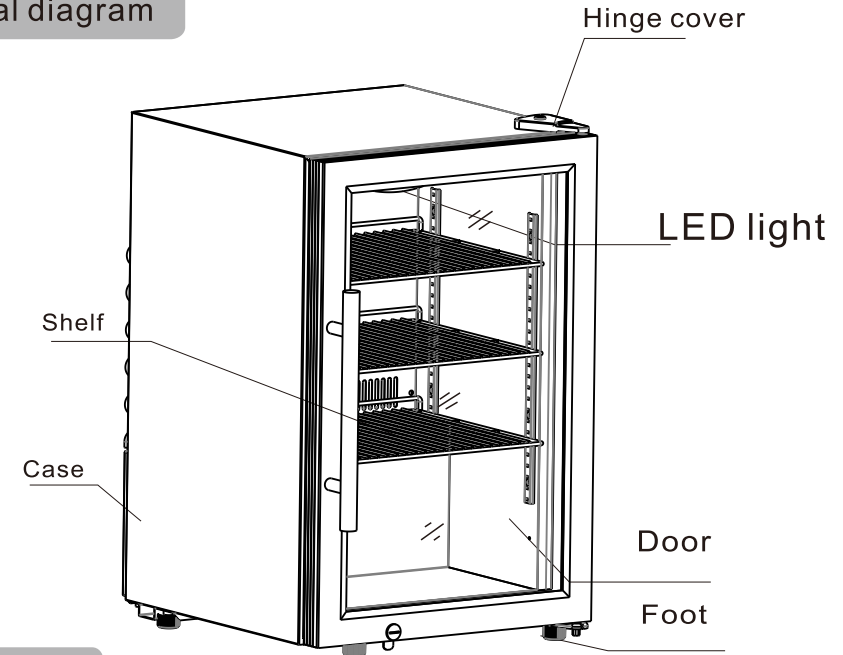
All with the marked content, the user must pay attention to the part, otherwise they will be caused by improper operation of the product damage or other loss resulting from.

<p>This unit uses 220-240~V/50Hz power, there should be a 500va stabilizer if the voltage fluctuation exceed 187-265V</p> 	<p>Must use dependent socket and reliable ground wire. Ground wire must not connect with the null line of the gas pipe, warm gas pipe, water pipe and must be single power</p> 
<p>Do not damage the power line Don't let the unit on power line or human Power cord. Will showcase shift from the wall, please circumspec. Do not roll or damaged power line.</p> 	<p>Do not place the instability in the unit of goods (weight, water, containers), in order to avoid fall wounding or water overflow cause leakage.</p> 
<p>A gas and other flammable gas leakage Close the gas leak valve Open the doors and windows Do not pull or inserted unit and other electrical power source plug.</p> 	<p>Unit abandoned when not in use, please be unloaded, and remove the door seal, to prevent children to play caused by asphyxia.</p> 
<p>Don't pull the power line, not to pull the power line way to pull out the plug unit, must hold the plug from the socket, pull directly.</p> 	<p>Cleaning and repair and lighting to replace the damaged, plug should unplug the unit, to prevent electric shock.</p> 

1. The unauthorized demolition, transformation of unit, damage the circulating air duct is prohibited. Repair the unit must be carried out by professional staff.
2. Do not use water spray, wash the unit, also will not unit placed in damp, easy to splash Sheung Shui, so as not to affect the unit, electric insulation properties.
3. Dangerous goods into the flammable, explosive is strictly prohibited inside the unit, as well as the strong corrosive acid, alkali and ther chemicals. Prohibit the unit near the use of paint, paint and other flammable materials in the heating.
4. To ensure safety, do not unit placed on the power socket, regulator, microwave ovens and other appliances, but also not in the unit internal use of electrical appliances, so as to avoid the electromagnetic interference or other accidents.
5. To ensure safety, do not display countersplaced on the power socket, regulator, microwave ovens and other appliances, but also not in the unit internal use of electrical appliances, so as to avoid the electromagnetic interference or other accidents.
6. In the unit near, do not store or use gasoline and other flammable items, so as not to cause a fire.

# 6 Structural diagram

## Structural diagram



## Specifications

Mode	SC-68
Total Storage Volume	68L
Rated Voltage	220V~/50Hz
Electric current:	0.8A
Power Consumption	0.85kW·h/24kh
Temp Range	0°C - 10°C
Refrigerant/charging	R600a/31g
Climatic Class	ST
Anti-shock protection Class	I

## 5 Common faults and repair

### Countermeasures and reasons

The unit does not work

- Bad connection of plug or fuse burn out.
- Unplug the plug and re-connect the plug to power supply or replace with a new fuse.

Abnormal operation of the compressor or has buzz sound

- the power voltage is out of the rate range.
- sconnect the power supply immediately and reconnect it after normal voltage.

Compressor operates too long time and no frost on the surface of the evaporator

- Refrigeration system is at fault(leakage or block).
- Send the unit to service department for repair.

There is frost or ice on the walls of the inner cabinet and too low internal temperature, compressor operates never stop

- Thermostat does not work.
- Ask service department for repair.

The internal temperature is too high and the compressor never stop

- Bad heat dissipation and ventilation of casing,the ambient temperature is too high.Improve ventilation and lower the ambient temperation.
- Too much warm food was put in atone time.Take out some food
- Door open frequently and long time door opening.Decrease number and time of door opening.

Too high noise

- The unit is not level.Adjust the adjustable legs.
- The fastener of the unit is loose.Fasten the loose fastener.
- Pipes are touching the compressor>Careful separate the touched pipes.

Light is not on

- Replace the light.



### Normal Phenomena

- 1.Sometime hear light sound of water flowing in the unit,this is the sound of refrigerant flowing inside the pipe.
- 2.The top and the two sides of the casing will be warm,even too hot.
- 3.In a humidity place,there is dew on the casing or the door,it can dry by dry cloth.

## 2 Safety Cautions

7.The instructions concerning persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge and children playing with the appliance are not required.

8.When the showcase will be out of use for a long time, disconnect the power first, then clean it. Please examine the circuit whether it is ok before reuse.

9.If the supply cord is damaged, it must be replaced by a special cord or assembly available from the manufacturer or its service agent.

10.The appliance shall be disconnected from its power source during cleaning or maintenance and when replacing parts.

11.The A-weighted emission sound pressure level is below 70Db(A).

12.Do not store explosive substances such as aerosol cans with a flammable propellant inside the appliance.

13.Max. loading of shelves: 195.3kg/m<sup>2</sup>the deformation ≦1.04cm/m.

14.Please according to local regulations regarding disposal of the appliance for its flammable blowing gas. Before you scrap the appliance, please take off the doors to prevent children trapped.

15.WARNING; — Risk of fire / flammable materials.

16.WARNING: Keep clear of obstruction all ventilation openings in the appliance enclosure or in the structure for building-in.

17.WARNING: Do not use mechanical devices or other means to accelerate the defrosting process, other than those recommended by the manufacturer.

18.WARNING: Do not damage the refrigerant circuit.

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

20.WARNING: — In order to reduce flammability hazards the installation of this appliance must only be carried out by a suitably qualified person.

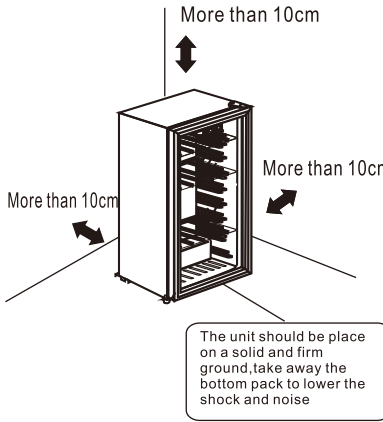
21.The ambient temperature and humidity conditions of the show case climate class following the tab below:

Test room climate class	Dry bulb temperature (°C)	Relative humidity (%)	Dew point (°C)	Water vapour mass in dry air (g/kg)
0	20	50	9.3	7.3
1	16	80	12.6	9.1
8	23.9	55	14.3	10.2
2	22	65	15.2	10.8
3	25	60	16.7	12.0
4	30	55	20.0	14.8
6	27	70	21.1	15.8

NOTE: the water vapour mass dry air is one of the main pointsinfluencing the performance and the energy consumption of the cabinets. Therefore, the order of the climate class in the table is based on the water vapour mass column. See also Annex B to compare lab and store conditions.

### 3 Use and placement

**PLACE**



More than 10cm

More than 10cm

More than 10cm

The unit should be placed on a solid and firm ground, take away the bottom pack to lower the shock and noise

Keep the unit vertical when carrying the unit, the angle to the horizontal line should not be over 50C, otherwise it will damage the compressor and affect normal operation of the unit.

Never place the unit on a location where can reach or with high moisture. Splashed water and dirt should be wiped off in time by using a soft cloth

Keep the unit away from heat sources and avoiding direct sunlight. Do not place the unit in the environment cold enough to be iced

Leave at least 20cm of distance between the back of the unit and the wall for ventilation and leave a space with an open angle of 160° for the door

#### Preparation

- Remove the carton and packing foam (including the bottom foam) before using.
- Clean the unit before using.
- Adjust the foot to make the unit steady according to the ground condition to lower the shock and noise.
- After connecting the power, the unit should be kept empty for one hour
- After moving the unit, place the unit 30 minutes before switching it on. Running: close the door and connect the power, the white LED light is on. Turn the switch to other side, the red LED light is lighting. Half an hour later, the temperature inside the case will lower, indicating the unit is working normally.

#### Storage of articles

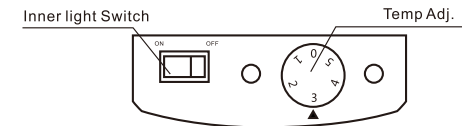
- Do not put large amount of articles into the unit at one time, you should leave some space around the foodstuff to let cold air inside the cabinet counter to flow. Keep bottled articles away from the walls of interior cabinet so as not to freeze it unit broken
- Do not put warm food into the unit directly until they are cooled under normal temperature, it will facilitate to lower its energy consumption and prolong service life of the compressor.

### 4 Maintenance and adjustment

#### maintenance and cleaning

- Disconnect the power supply before maintenance of machine.
- Keep the door gasket clean, remove it from the door and wash it. Dry and seal it as before. Putting some talcum powder on the magnetic surface would prolong its service life.
- If there is heavy frost on the evaporator after long usage, take out the stuff inside the case, disconnect the power, the frost will melt automatically, clean up the water and connect the power again. Use a soft cloth and soapy water to clean the unit. Dry the unit after cleaning to avoid rust.
- Do not use organic liquid, boiled water, washing powder or acid stuff to clean the unit. Rinsing the case by water is not allowed, don't use hard brush, steel brush to clean the case.
- If the unit will not be used for a long time, disconnect the power, clean it by following the above steps, wipe off the water inside the case with a soft cloth.
- Two times in a year of inspection and maintenance required for safe operation.**

#### Setting and adjustment of temperature



- Adjust the storage temperature through the temperature controller located in the control panel (see the picture), adjust the temperature according to the ambient temperature.
- See the above picture about the knob scale. The temperature adjustable capacity is from "1"- "5", adjust the storage temperature by turning the temperature controller clockwise. The higher of the number shows the lower of the storage temperature. The knob can turn freely but can't turn clockwise from "1" to "5". Factory setting position is on "3".
- Check if the scale is on an appropriate position before using, frequent adjustment is not appropriate when using.
- Position "off" represent stop running.