INSTRUCTION MANUAL

FOR

DISPLAY COOLER

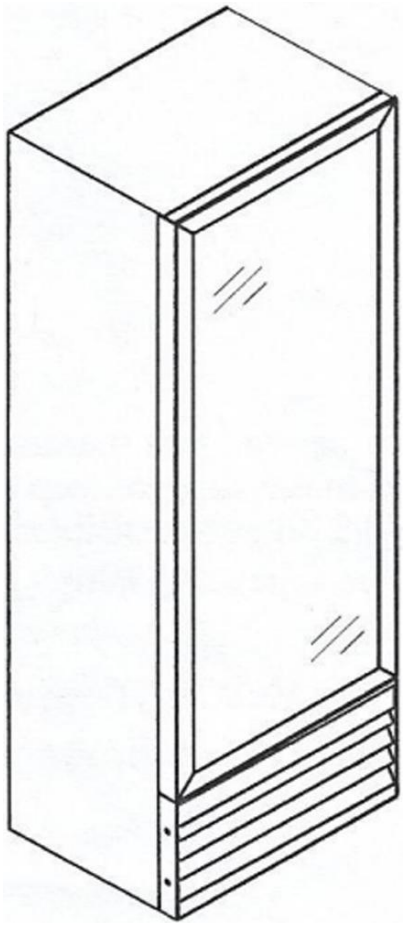
SC235

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

1. Product features Structural Diagram

- Tempered glass with heat reflection film;
- R134a CFC free cooling system, quick and strong cooling;
- With casters, easy movement;
- Extra thick insulation, good effect for keeping temperature;
- Easy storage;
- Unique treatment for anti-inner leakage, longer working life;
- Quality cold rolled steel sheet with electrostatic spray painting, durable;
- Interior made of printed aluminum oxide, good conduction and corrosion-resistant.

2. Structural Diagram



3. Specifications

Model Name	SC235
Climatic Class	N
Anti-Shock Protection Class	I

Storage Temperature (°C)	0~10
Capacity	235
Power	AC220V/50Hz
Power Consumption	2.4(kw.h/24h)
Refrigerant/Charging(g)	R600a/42g

The above specifications are subject to improvements.

4. Safety Cautions

1. This unit uses AC220V/50Hz, there should be a 500VA stabilizer if the voltage fluctuation exceeds AC198V~264V.
2. The user should hold the plug when the power is on/off, dragging or pulling the power cord is prohibited.
3. Do not remove the power cord or plug. Should not damage the power cord; during movement of the cooler, be careful not to roll and step on the power cord. In case the power cord is damaged, have professional people to repair and replace;
4. Must use a 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
5. Keep away from explosive, hazardous goods such as ether, gas, alcohol, bonding agents, gun powder etc.
6. Keep away from spray of inflammables such as paints, coating materials etc.
7. After the unit is switched off, it should not be restarted within 5 minutes.
8. Do not leave the power cord under any heavy objects including the unit itself.
9. Do not drill holes or install other objects on the casing.
10. This cooler is not suitable for storage pharmaceutical products.
11. Do not allow child play inside the cooler; In case the cooler is out of service, please take out the doors so as to avoid accident;
12. Should not operate the cooler in a place with humidity, should not spray and wash the cooler with water so as not to affect the electric performance of the cooler.

5. Portage and Storage

1. Keep the unit vertical when carrying the unit, the angle to the horizontal line should not be over 50, otherwise it will damage the compressor and affect normal operation of the unit.
2. The unit should be placed on a solid and firm ground, take away the bottom pack to lower the shock and noise.

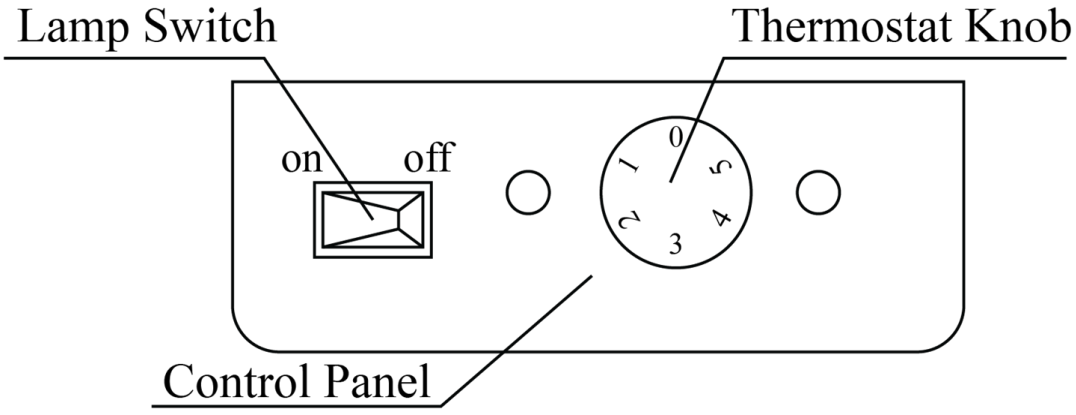
3. The casters of the cooler are used for movement for short distance; Movement of the cooler for long distance and on a uneven road surface are strictly prohibited;
4. Leave at least 20 cm of distance between the back of the unit and the wall for ventilation and leave a space with an open angle of 160° for the door.
5. Keep the unit away from heat sources and avoid direct sunlight.
6. Never place the unit on a location where water can reach or with high moisture. Splashed water and dirt should be wiped off in time by using a soft cloth.
7. The cooler should be placed allocation where the power socket can easily access;

6. Preparation

1. Remove the carton and packing foam (including the bottom foam) before using.
2. Clean the unit before using.
3. Take off the foam from the package, assemble as a diagram instruction, use two tapping screws to fix each tray holder to the case's correspondence hole, and put the tray according to the arrow direction to tray holder, to match exactly.
4. After moving the unit, place the unit for 30 minutes before switching it on.
5. Running: close the door and connect the power, The temperature should be suitable for normal use after half an hour.
6. After connecting the power, the unit should be kept empty for one hour.

7. Setting and Adjustment of Temperature

1. Adjust the storage temperature through the temperature controller located on the back of the case(see the picture), adjust the temperature according to the ambient temperature and the foodstuff.
2. See the following 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 the number shows the lower the storage temperature. The knob can turn freely but can't turn clockwise from "5" to "1". Factory setting position is on "3".



3. Check if the scale is on an appropriate position before using, frequent adjustment is not appropriate when using. Normally in summer, the ambient temperature is high, anti-clockwise turns the knob to "2", while in winter, the ambient temperature is low, clockwise turning the knob to "4".
4. Position "0" represents stop running.

8. Storage of Articles

The above specifications are subject to improvements.

1. Do not put large amounts 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.
2. 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.

9. Maintenance

Disconnect the power supply before maintenance for the machine!

1. 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.
2. Light replacement: According to the diagram instruction: remove the top cover, take out the light, replace with a new light, then mount it again..
3. Use a soft cloth and dip some water or soap (Non-caustic, neutral detergent is also available) to clean the unit. Dry the unit after cleaning to avoid rust.
4. 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.
5. 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. At ordinary circumstances, it is not recommended that the cooler will be out of service for long term;
6. When scraping the cooler, please remove the doors and take the cooler away from the source of fire.

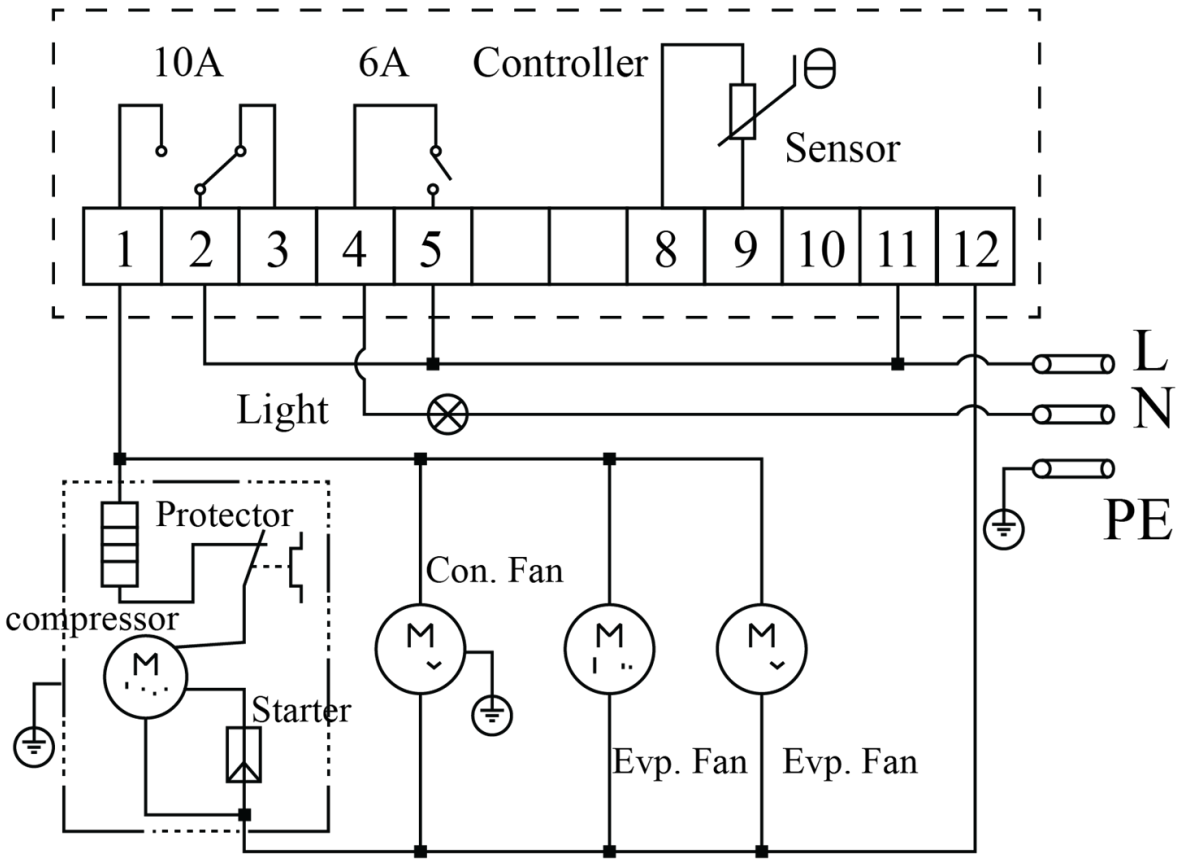
10. Normal Phenomena

1. At the beginning of operation, there is "buzzing", this is a normal phenomenon; after stable operation, the sounds will reduce;
2. Sometimes hear a light sound of water flowing in the unit, this is the sound of refrigerant flowing inside the pipe.
3. High noise level, this is caused by which certain part of the freezer touch outside substance or the walls, also maybe caused by the uneven floor, move the cooler and place it steady;

11. Troubleshooting Guide

Problems	Possible Cause	Ways to solve Problems
The units does not work	Bad connection of plug	Re-connect the plug to power supply
Abnormal operation of the compressor or has buzz sound	The power voltage is out of the rated range.	Disconnect the power supply immediately and reconnect with it after normal voltage. It is necessary to have a voltage stabilizer in case of poor power supply.
The internal temperature is too high and the compressor operates never stop	Bad heat dissipation and ventilation of casing, the ambient temperature is too high	Improve ventilation and lower the ambient temperature.
	Door open frequently and long time door opening	Decrease number and time of door opening.
Too high noise	The unit is not level	Place it steady
	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	The light is burned out	Replace the light

12. Circuit



Caution: Dismantling the unit by non-professional staff is prohibited, it will cause hazard.

Caution: The unit is not suitable for storage of blood pharmaceutical products and biological products