Warming Showcase

User Manual

Please read the user manual before use so that you can use it correctly and keep it

for reference.

ⅰ. Product Introduction

The showcase is mainly used for electrothermal warming of various foods. There are high-efficiency electrothermal elements in the showcase and temperature controller (adjustable range of 30℃~85℃). User can adjust inner temperature as per actual needs. Transparent glass is installed on the door, used to observe food warming status. The showcase is really a good warming equipment for user as it features reasonable design, carefully selected materials, multi-layer temperature protection device, steadier quality, easy operation, safe and reliable use.

ⅱ. Main Technical Parameters

Model	Warming temperature	Voltage/frequency	Input total power	Electrothermal tube input power	Dimension(Length×width×height cm)	Net weight（kg）
GN-42L	≤85℃	220V/60Hz	900 W	880 W	1135×425×315mm	28KG

ⅲ. Instructions

1. The showcase should be placed in the dry area without corrosive gas and dust and its feet must be laid flat. If not flat, just adjust.
2. Do use separate single-phase triple-pole socket, ensure ground wire reliably grounded and install proper earth leakage circuit breaker or fuse on power source end.
3. The power voltage used for the product is 220V/50Hz and if fluctuation of the voltage exceeds permissible range, please install power regulator of 2.5KW capacity above before use.
4. Plug the single-phase triple-pole socket into suitable power socket, turn on heating switch and rotate temperature control knob to temperature scale needed with heating indicator lamp on and electrothermal elements working. Control heating degree of electrothermal elements by setting mechanical temperature controller so that warming temperature of food in the showcase can reach set one.
5. Periodically clean the showcase to ensure meeting food hygiene requirement and keep the showcase free from dirty.

ⅳ. Cautions and Maintenance

1. Make sure power voltage is that required for the showcase. Power lead should be connected to switch with leakage & overload protection device independently controlled and single-phase triple-pole power socket grounding terminal must be reliably grounded.
2. Do not drag power line forcefully in case of causing leakage accident due to coming off of power line.
3. Cut off the power before cleaning. Wipe with detergent, water and wet cloth, do not use solvent harmful to human or corrosive to showcase and spray with water in case of causing leakage accident due to damage of electrical elements.
4. Do not put too much food in the showcase in case of generating over charge instantaneously. Weight of food on shelf should be no more than 3Kg or shelf will be deformed and damaged, thus affecting hot air convection in the showcase.
5. Do not put sundries on top face of the showcase in case of affecting operation and its deformation due to compression.

6. Only the professional electrical maintenance personnel can replace damaged power line to avoid danger!
7. Ask professional electrical technician to check and repair the electrical appliance with troubles, never detach randomly.

8. Clean the product before storing it in dry, cool and ventilated area for a long term and check regularly (recommend trial operation per month). Before reuse, strictly check by relevant professionals whether the electric line is damaged or not.

ⅴ. Common Troubleshooting

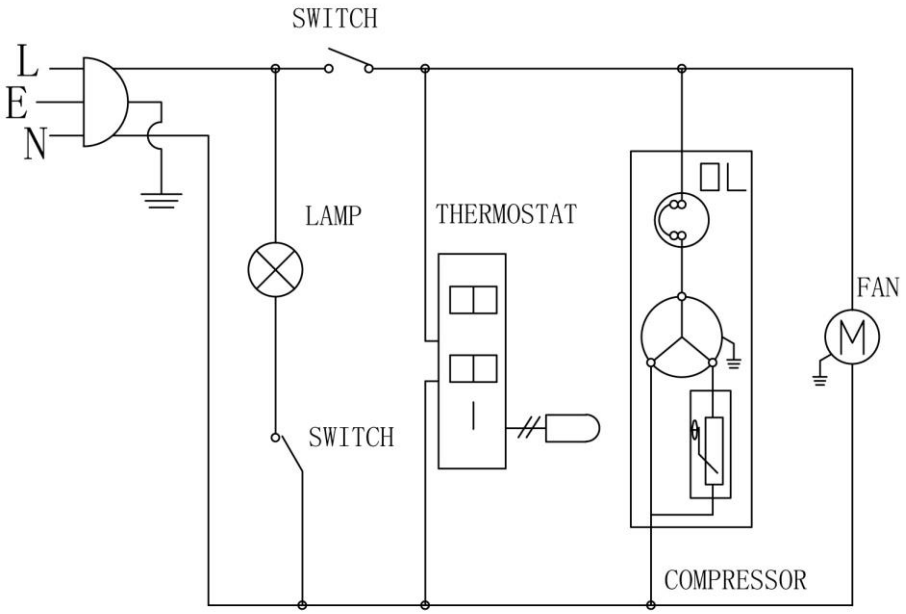
If troubles occur, judge and overhaul as per following form. If still fails or dismantling requires, please contact maintenance department or warranty service point or ask professionals for overhaul. Non-professionals should not repair by themselves in case of causing danger or bigger losses.

Troubles	Reasons	Troubleshooting
Heating tube not work	1. heating tube wiring loose，poor contact 2. temperature controller damaged。 3. overload protection。 4. heating tube damaged。	1. fasten wiring。 2. replace temperature controller。 3. Remove first overload protection and second one, then replace damaged elements. 4. Replace heating tube.
Over high temperature	1. Temperature controller damaged. 2. wrong temperature control knob indication	1. Replace temperature controller. 2. Calibrate temperature control knob.
Over long heating time	1. over low power supply voltage	1. use regulated power supply
Heating indicator lamp off	1. Indicator lamp wiring loose or poor contact. 2. temperature controller damaged。 3. Overload protection. 4. Indicator lamp damaged.	1. fasten wiring。 2. replace temperature controller。 3. Remove first overload protection and second one, then replace damaged elements. 4. Replace indicator lamp.
Lamp off	1. lamp wiring loose or poor contact 2. Lamp power supply damaged.	1. Fasten wiring. 2. Replace power supply.
Leakage in outer shell	3. power supply not connected to ground line 4. Leakage in heating tube.	3. Connect to qualified ground line. 4. Check and replace.

Troubles exclude following conditions:

1. When temperature in the showcase reaches the set one, heating tube will stop heating with heating indicator lamp off and such condition is normal not trouble.

vi. Electrical Schematic Diagrams



vii. After-Sale Service

On the condition that user follows the user manual, the product will have one-year warranty since the delivery date and our company will be responsible for replacement and repair of the damaged components caused by poor quality during the period (glass damage excluded).

Proper fees will be charged after repairing damaged products caused by following reasons:

1. Not follow user manual.
2. Randomly use unmatched components for replacement.
3. Voltage fluctuation value exceeds permissible scope or other natural factors.

viii. Appendix with shipment

1. 1 product instruction.
2. 1 quality certificate and warranty card.

Warning!

1. Distance of showcase from wall and others no less than 10cm for ventilation.

2. Cut off the power before cleaning. Wipe with detergent, water and wet cloth, do not use solvent harmful to human or corrosive to showcase and spray with water in case of causing leakage accident due to damage of electrical elements.

3. Do not use electrical appliances in food closet of showcase such as high temperature sterilizer and ozone generator.

4. Ask professional maintenance personnel to replace damaged power line to avoid danger.

5. High temperature inside ark, when use pay attention to the use of safe, be careful burns.