R60-1/2/3/4

Glass Warming Showcase

Food Warmer Series

User’s Manual

Dear User & Client,

Firstly, thanks for purchasing and using our product. All the information and guidelines of this user's manual comply with certain applicable regulations, which come out from our long-term accumulated knowledge and experience as well as current project development situations.

Limited to some special structures, additional specified items or new technology changes, the actual usage situation might be some different from what stated in this user's manual. Should you have any question, please do not hesitate to contact the manufacturer via the method shown in back cover page of this manual.

For safety purpose and efficient operation, please make this document available to users for reference. Do have them to read this manual carefully before carry out any action on this device, especially when starting.

This manual is not applicable for those who have physical or mental disabilities, insufficient experience, and/or insufficient knowledge, including children.

The manufacturer declines any responsibility in the event users do not follow the instructions or guidelines stated here.

The user's manual should be placed close to the device, in convenience of users' reading before operation. We have the full authority to reserve the further technical changes of the device, in the scope of further performance improvement characteristic development.

Warning

- Any self-modification, wrong installation, adjustment or maintenance can lead to property loss or casualty. Please contact the manufacturer for any adjustment or maintenance, and have the work done by a trained & qualified person.
- For your safety sake, please keep the machine away from any liquid, gas or other object, which is flammable or explosive.
- This appliance should not be operated by those who have physiological, perceptual or mental disabilities or those who have insufficient experience or knowledge (including children). Only in conditions of being given sufficient supervise & guarantee of personal safety, as well as proper instructions & guidance, those who were mentioned above can make some particular operation of this device.
- Keep children away from the device.
- Preserve this manual safely. When passing on/selling the device to a third party, the manuals must be handed over along with the device. All users must operate the device complying with the user's manual and related safety guidelines.
- Do not store or use gas, liquid or object that is flammable or explosive in the vicinity of the mounting position of the appliance.
- If this appliance is placed near walls, partitions or kitchen furniture and the like, it is advisable to make these facilities with non-combustible material, otherwise cover them with non-combustible heat-resistant material, and pay attention to fire prevention regulations.
- Housing of the appliance shall be grounded to ensure safety. Thanks for your cooperation!

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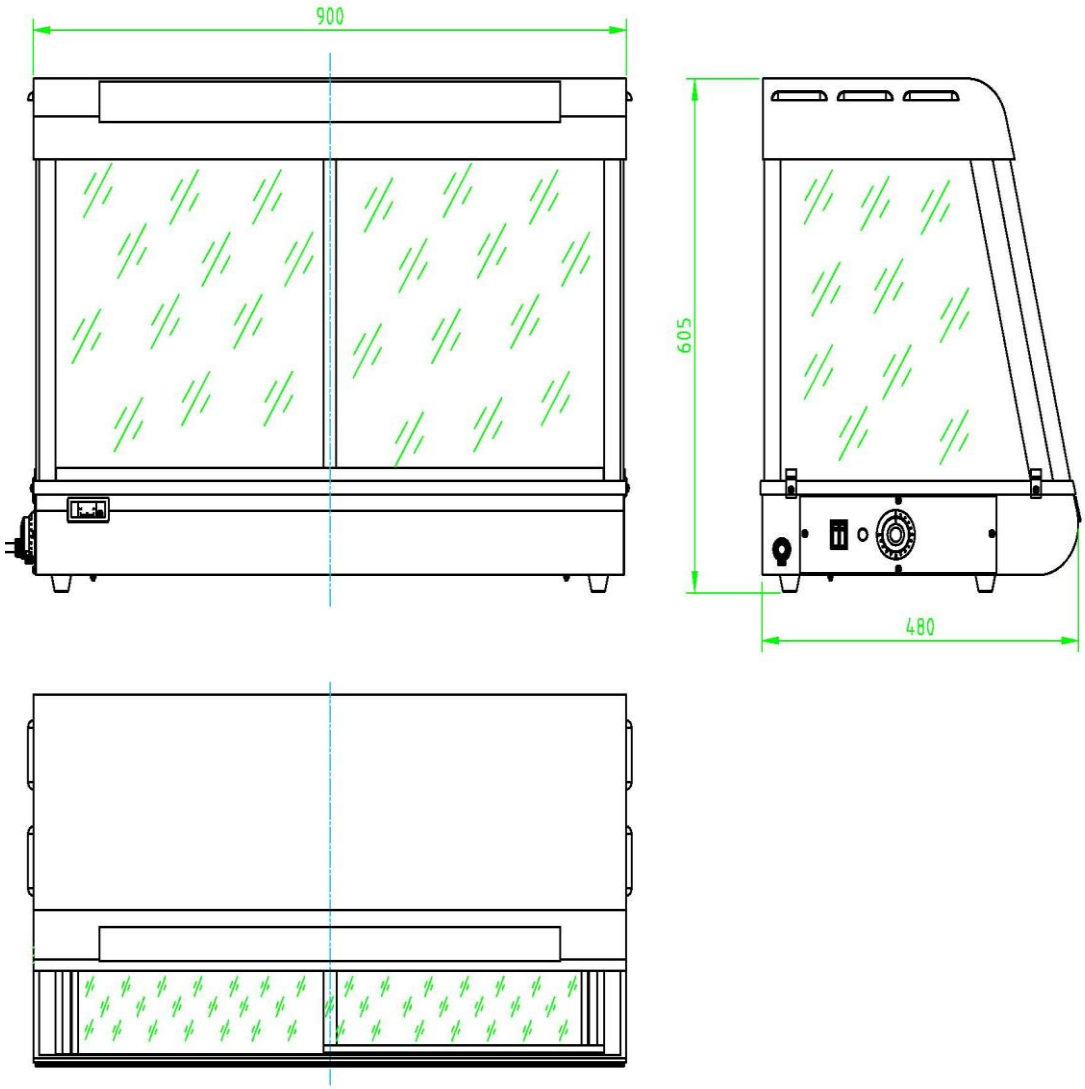
1. Functional Introduction

This product series is designed under our research & development while absorbing the advantages of similar products at home and abroad. It is integrated with all the merits of attractive design, elegant appearance with arc shape, adjustable three-layer display, all four sides plexiglass with see-through function, convenient operation, sturdy and durable, as well as easy cleaning. It is also provided with temperature display and optional constant temperature, which maintain the temperature evenly. The food can preserve its moisture with the humidity compensation function. All of those features make it the dedicate equipment for food displaying, heat insulation and moisture preservation.

2. Structure Schematic Diagram & Working Principle

2.1 Structure Schematic Diagram:

R60-1/2/3/4

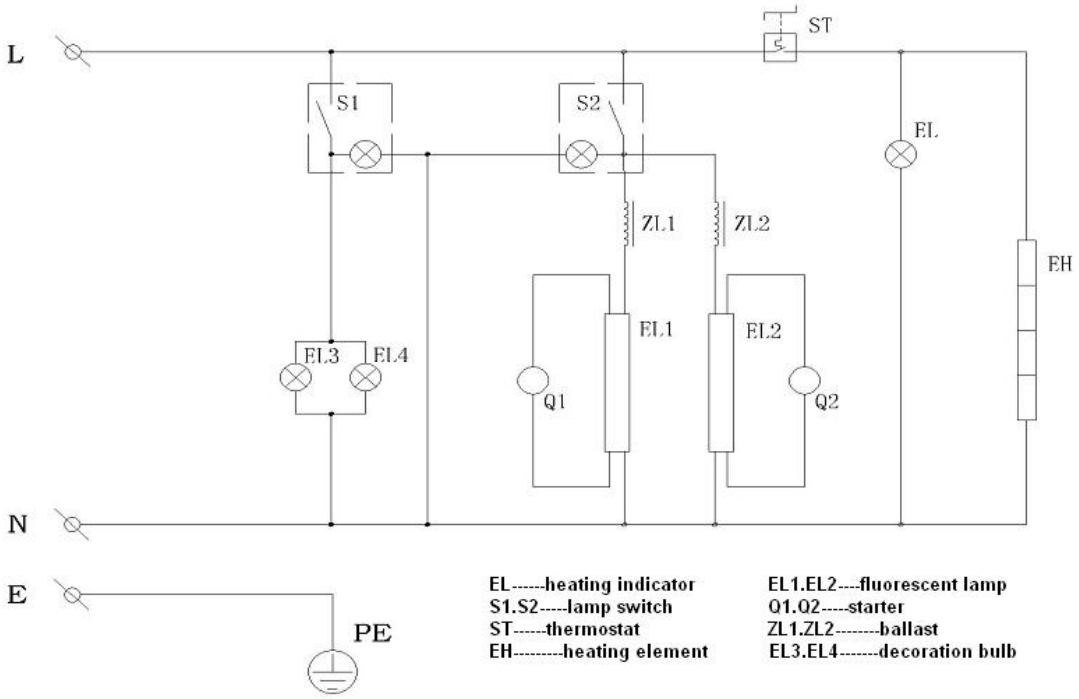


2.2 Structural and Functional Features

1. Heat insulation.
2. Moisture preservation.
3. Convenient operation, easy maintenance.
4. The surface is done with smooth treatment, easy to clean and maintain.

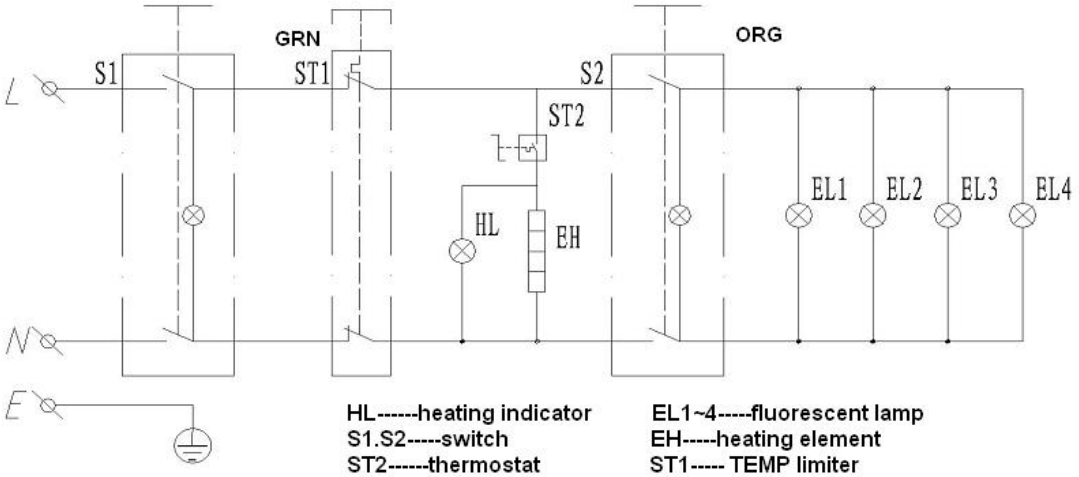
2.3 Electrical Diagram:

R60-1/R60-2/R60-3



EL------heating indicator
S1.S2-----lamp switch
ST------thermostat
EH--------heating element
EL1.EL2----fluorescent lamp
Q1.Q2-----starter
ZL1.ZL2--------ballast
EL3.EL4-------decoration bulb

R60-4



HL------heating indicator
S1.S2-----switch
ST2------thermostat
EL1~4-----fluorescent lamp
EH-----heating element
ST1----- TEMP limiter

3. Basic Features & Parameters

Model	Voltage（V）	Power（kW）	Dimension（mm）
R60-1	220~230V/50Hz	1.67~1.84	900×480×590
R60-2	220~230V/50Hz	1.67~1.84	660×437×635
R60-3	220~230V/50Hz	2~2.2	1200×480×810
R60-4	230	1200	330×437×655

4. Precautions & Recommendations

4.1 Transportation and Storage

During transportation, the machine should be carefully handled and do not put it upside down to prevent from damaging to the shell and inside. The packaged machine should be stored in a ventilated warehouse without corrosive gas. If it needs to be stored in open air temporarily, measurement against raining is needed.

4.2 Notice for Installment

1. The supply voltage should comply with the working voltage of the appliance.
2. The appliance is equipped with an earth bolt at its back, which should be connected with copper wire no less than 1.5mm² and earth wire that conforming to safety regulations reliably.
3. After installation, check that whether the connection is loose, whether the voltage is normal and whether the safety grounding is reliable.
4. The appliance should be positioned at a stable area with a minimum clearance of 10cm away from non-combustible substances (e.g. walls, windows etc.) on both sides, and 20cm at back side.
5. The fixed arrangement of wire should be equipped with an all-pole disconnecting switch with a contact opening of 3mm on its poles. It is advisable to install a grounding leakage protection switch. Do not pile up sundries in front of the switch, for convenient operation sake.
6. Vicinity of the mounting position should not store flammable or explosive objects. The ambient temperature should be lower than 45℃ and the relative humidity should be below 85％.
7. Installation of the appliance should be done by professional technicians.

4.3 Special Notice

1. This product is a commercial machine that needs to be operated by trained cook, not applicable for household use.
2. Do not sway or tilt the appliance during operation.
3. Do not dismantle or self-modify the machine. Dismantlement and self-modification may cause casualty.
4. Before cleaning, unplug and cut off the power supply.
5. During cleaning, do not aim at the appliance with water jet. Water may conduct electricity, that may cause electric shock due to leakage.
6. Do not pat the product or put any heavy objects onto it. Abnormal operation may cause damage and danger.
7. High temperature may cause scald. Do not touch the appliance with hands directly due to high temperature during or after operation.
8. To prevent damage, turn off the switch ASAP when near the thunder zone.
9. Do not destroy the control panel with hard or sharp objects.
10. After working, turn off the switch.
11. If the power cord is damaged, to avoid hazard, substitution should be done by manufacturer or its maintenance department or similar professional personnel.

5. Working Instructions & Operation Flow

1. Before using, check that whether the power installation is correct. Making sure that the supply voltage complies with the working voltage of the appliance.
2. When using, before connecting to power, add 0.6L water to the basin.
3. When connected to power, the indicator will be on. Rotate the heating switch to regulate the insulation temperature then, the temperature in the showcase will rise and maintain consistent in each layer due to the natural convection of the air flow.
4. If you need illumination during operation, you may turn on the illumination switch so that you can operate more freely and the displaying effect may be better. The decoration bulb can be turned on as well to increase the showing effect.
5. After using, the power supply must be cut off when cleaning to prevent against danger.
6. During using, if abnormal operation happens, stop it asap and call for qualified technician for the troubleshooting before any further usage.
7. Do not spray electric components with water.

6. Routine Inspection

It is necessary to check the machine daily.
Check the machine regularly can avoid serious accident happens.
Stop using if user feels that there are some problems in the circuit or machine.
Check the situation of the machine before or after using every day.

Before using: Whether the machine is tilted?
Whether the control panel is damaged?
Whether the power cord is aging, cracking or damaged?

During using: Whether there is strange smell or vibration noise?
Whether the temperature is out of control or any electric leakage?
Whether the power is normal?

7. Cleaning and Maintenance

1. Before cleaning, cut off the power supply first to prevent unexpected accidents.
2. After working everyday, clean the surfaces and power cord with wet towel containing non-corrosive detergent. Do not aim at the appliance directly with water. Water infiltration may damage the electric performance and cause electricity safety accidents.
3. If not going to use the appliance at any time, turn off the thermostats and power switch.
4. If not going to use the appliance for a long period of time, clean it completely and store it in a well-ventilated warehouse without any corrosive gases.

8. Failure Analysis &Trouble Shooting

Symptoms	Causes	Solutions
Power is connected and heating indicator is on, but it does not heat up.	1. The thermostat is defective. 2. At least one of the heating elements burns out.	1. Replace the thermostat. 2. Replace the burnt-out heating element.
Connect the power and rotate the thermostat, the heating indicator illuminates, but temperature keeps rising without control.	1. The thermostat is malfunctioning.	1. Replace the thermostat.
Power is connected and heating is normal, but the indicator is not on.	1. The indicator is defective.	1. Replace the indicator.
The indicator is not on and the appliance does not heat up.	1. Power supply is abnormal or power is disconnected. 2. The fuse is fused.	1. Check the power supply and connection to make it supply normally. 2. Replace the fuse.

Aforementioned troubles are just for reference. If any failure occurs, please stop using, and inform the professional technicians to check and repair.