



# Contact Grill

## USER'S MANUAL

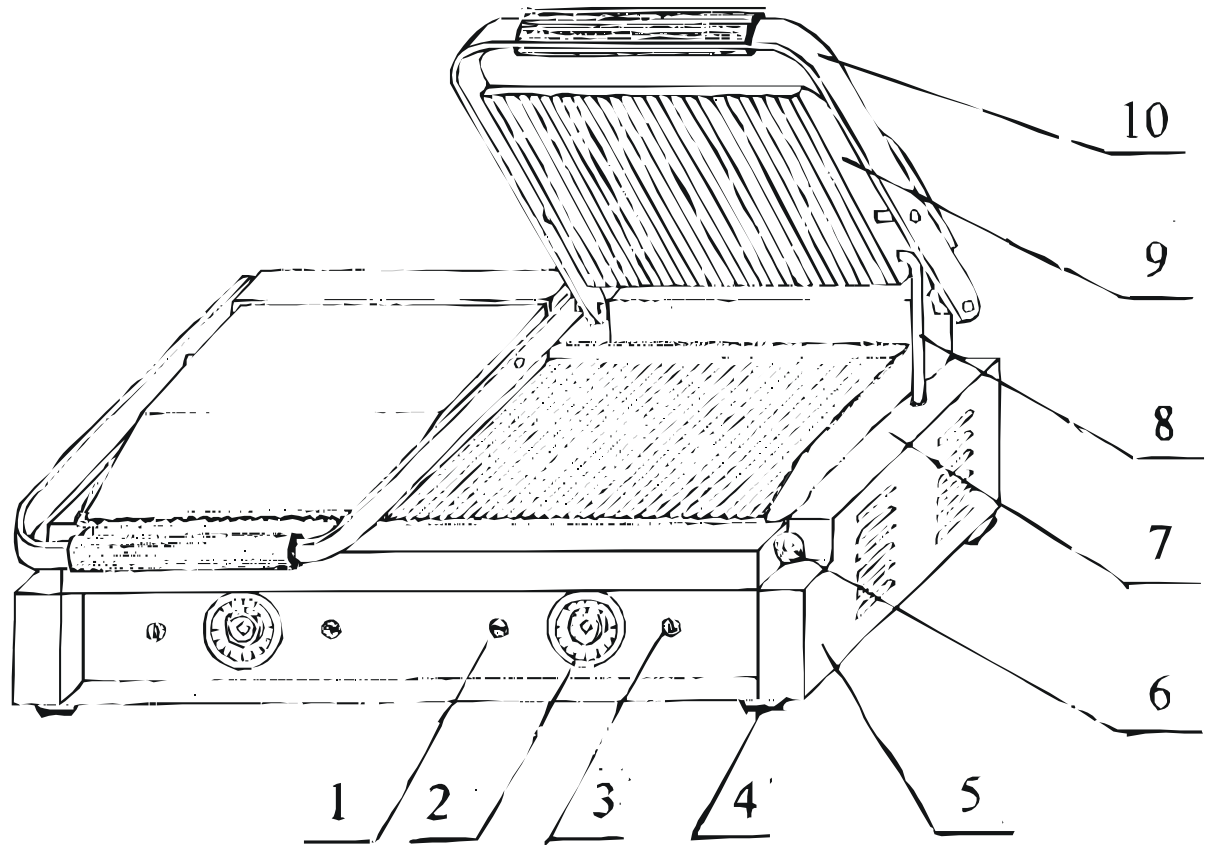


**GH-811 = 90022**

**GH-813 = 90017, 90018, 90025**

**GH-811P = 90023**

## 1. Structure



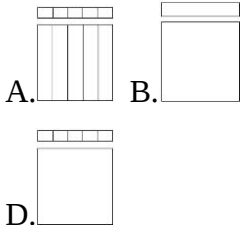
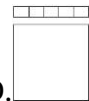
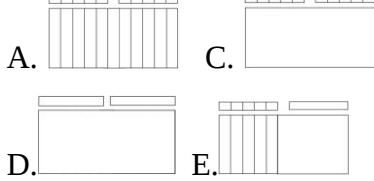
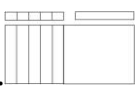
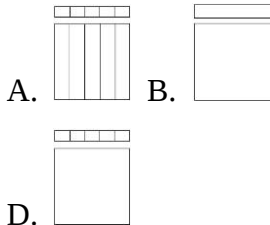
**Fig 1. Structure of Contact Grill**

- 1.1 The upper and lower module plates are enameled and easy to clean.
- 1.2 The double-headed grilling pans and independent temperature controlling system are easy to handle and can as well achieve energy saving.
- 1.3 Grilling temperature can be adjusted depending on different requirements.
- 1.4 Internal temperature protector is reliable and safe.
- 1.5 The whole structure is made of stainless steel.
- 1.6 It is easy to lift up and down, convenient to handle and maintain.

**Table 1 Structure of Contact Grill**

|   |                        |   |             |   |                    |    |                  |
|---|------------------------|---|-------------|---|--------------------|----|------------------|
| 1 | Power Indicating Light | 4 | Rubber Feet | 7 | Lower Module Plate | 10 | Operation Handle |
| 2 | Thermostat             | 5 | Bottom Box  | 8 | Feed Wire Tube     |    |                  |
| 3 | Heating indicator      | 6 | Oil Tray    | 9 | Upper Module Plate |    |                  |

## 2. Product specifications

| Model           | GH-811                                                                                                                                                                                                                                                                                                                                                            | GH-813                                                                                                                                                                                                                                                                                                                                                                                                                                                    | GH-811P                                                                                                                                                                                                                                                                                                                                                                   |
|-----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description     | Single-head Contact grill                                                                                                                                                                                                                                                                                                                                         | Twin-head Contact grill                                                                                                                                                                                                                                                                                                                                                                                                                                   | Panini Size Contact Grill                                                                                                                                                                                                                                                                                                                                                 |
| Voltage         | 220V ~ 240V                                                                                                                                                                                                                                                                                                                                                       | 220V ~ 240V                                                                                                                                                                                                                                                                                                                                                                                                                                               | 220V ~ 240V                                                                                                                                                                                                                                                                                                                                                               |
| Power           | 1.8KW                                                                                                                                                                                                                                                                                                                                                             | 3.6KW                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 2.2KW                                                                                                                                                                                                                                                                                                                                                                     |
| Phase           | Single                                                                                                                                                                                                                                                                                                                                                            | Single                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Single                                                                                                                                                                                                                                                                                                                                                                    |
| Frequency       | 50~60Hz                                                                                                                                                                                                                                                                                                                                                           | 50~60Hz                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 50~60Hz                                                                                                                                                                                                                                                                                                                                                                   |
| Temperature     | 50 ~ 300℃                                                                                                                                                                                                                                                                                                                                                         | 50 ~ 300℃                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 50 ~ 300℃                                                                                                                                                                                                                                                                                                                                                                 |
| Grid dimensions | 218×230mm                                                                                                                                                                                                                                                                                                                                                         | 475×230mm                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 346 x 230mm                                                                                                                                                                                                                                                                                                                                                               |
| Size            | 290×395×210mm                                                                                                                                                                                                                                                                                                                                                     | 570×395×210mm                                                                                                                                                                                                                                                                                                                                                                                                                                             | 410x395x210mm                                                                                                                                                                                                                                                                                                                                                             |
| Net weight      | 16kg                                                                                                                                                                                                                                                                                                                                                              | 28kg                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 20kg                                                                                                                                                                                                                                                                                                                                                                      |
| Packing size    | 390x440x250mm                                                                                                                                                                                                                                                                                                                                                     | 670x440x250mm                                                                                                                                                                                                                                                                                                                                                                                                                                             | 510x440x250mm                                                                                                                                                                                                                                                                                                                                                             |
| Gross weight    | 18.5kg                                                                                                                                                                                                                                                                                                                                                            | 31kg                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 23kg                                                                                                                                                                                                                                                                                                                                                                      |
| Heating plate   |  <p>A.  B. </p> <p>D. </p> |  <p>A.  C. </p> <p>D.  E. </p> |  <p>A.  B. </p> <p>D. </p> |

## 3. Displacement and storage

During displacement, the machine should be carefully handled and prevented from jostle and collision. When still unpacked, it should not be stored outdoors but in a ventilated warehouse away from the possibility of contacting corrosive gas. It should not be placed upside down, if for any reason this product should be placed outdoors, please make sure it is safe from rain and dirt.

## 4. Preparation

- 4.1 The working voltage of the equipment should equal that of the supplied voltage.
- 4.2 Do not place anything on the upper module plate and do not pull the operation handle up and down with great force.
- 4.3 Cut off power supply while cleaning. Do not use wet cloth or any kind of corrosive substances, and do not spray water directly on the equipment.
- 4.4 A fuse breaker and a three-phase socket should be installed near the equipment and the ground wire should be in compliance with safety regulations.

- 4.5 At the back of the equipment is the ground bolt, please connect the ground wire in compliance with safety regulations preferably with copper cable of at least 2mm.
- 4.6 The temperature of the equipment ranges from 50 to 300 °C. It is recommended that the maximum working temperature normally should be 250°C ± 5%.
- 4.7 Professional technicians should do the installation and maintenance of the equipment.

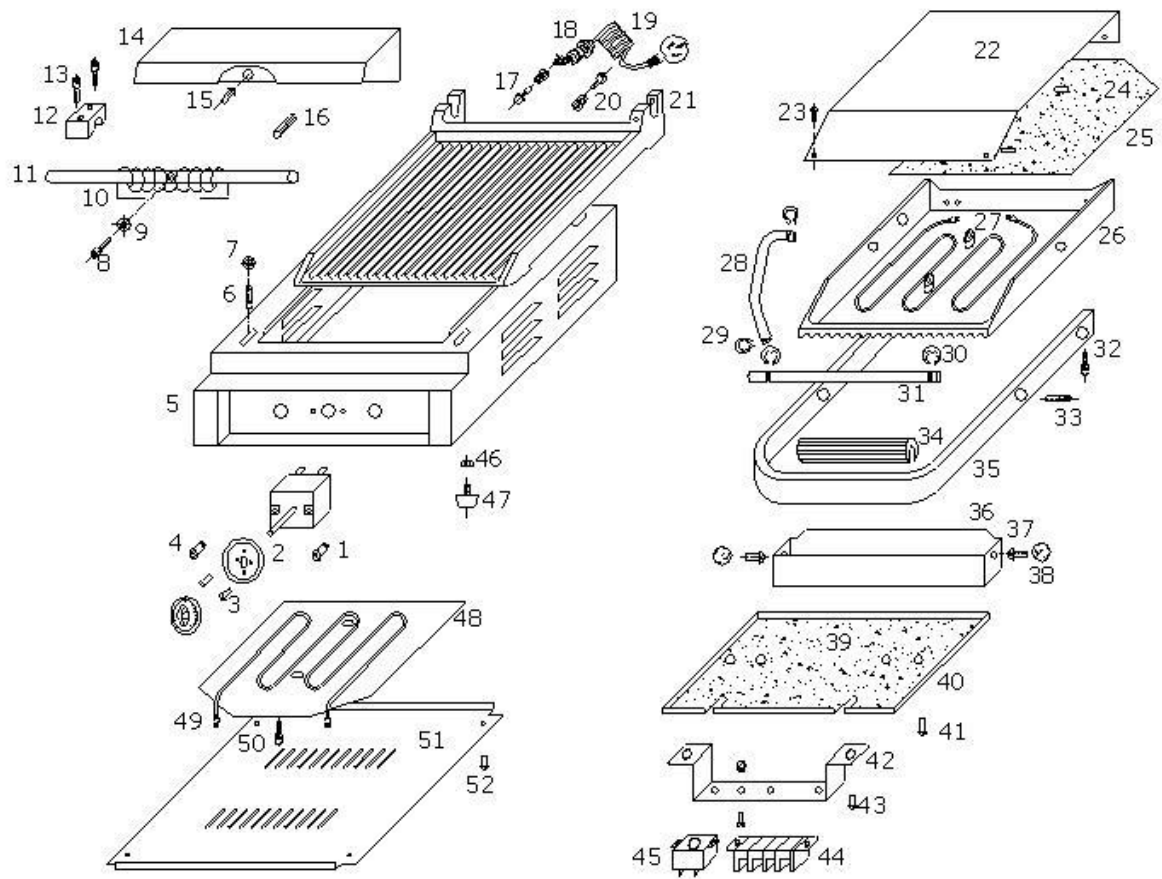
## **5. Operation**

- 5.1 Turn on the power switch, which will have the power light turned on.
- 5.2 Turn the thermostat clockwise to the desired level. Once the heat indicator is on, the machine starts warming up, so do the grill plates.
- 5.3 Temperature should be adjusted depending on different type of foods, preferably between 150°C -250°C.
- 5.4 It takes about 8 minutes for the temperature to rise to 250°C.
- 5.5 Once temperature reaches 250°C, lift the upper module plate. Pour cooking oil on the lower module plate and slowly begin placing food on it. Close the plates and press the handle lightly. Keep an eye on the food until it is done.
- 5.6 At the lower front of the lower module is the oil tray. Oil and grease flow down to oil tray from upper module plate.
- 5.7 Lift the upper module plate to remove cooked food.
- 5.8 When the temperature is low, the controller allows automatic connection to power supply. Heating elements restart heating the module plates.
- 5.9 On completion of work, temperature controller should be turned to “OFF” position. Unplug the equipment to cut off power.

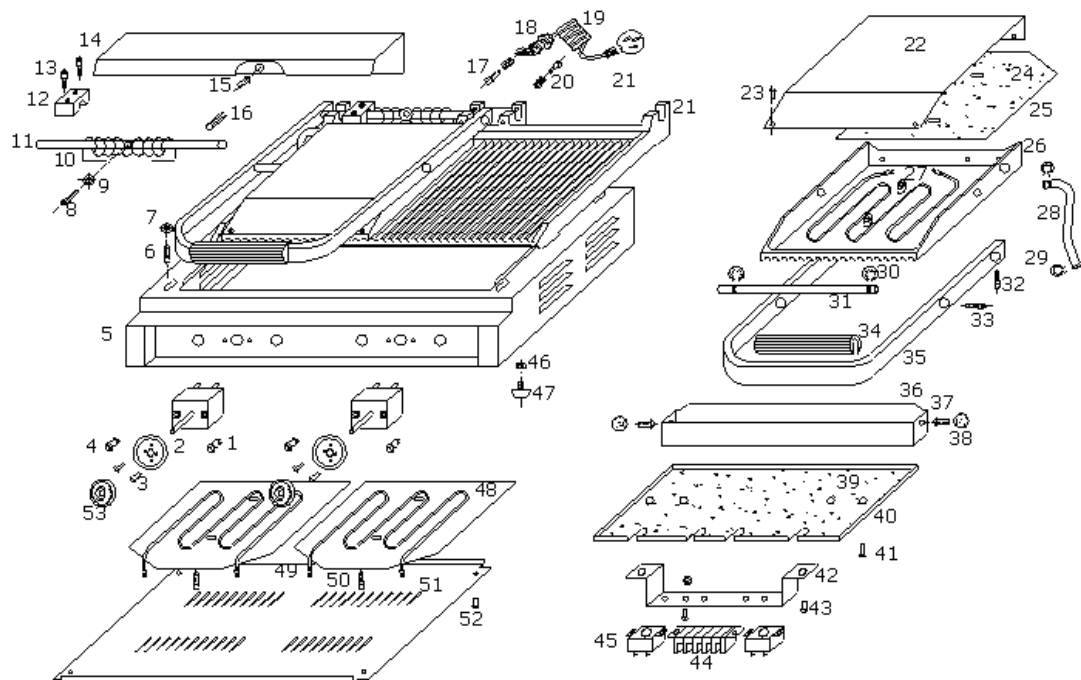
## **6. Cleaning and maintenance**

- 6.1 Cut off the power supply before cleaning in case of serious danger.
- 6.2 Do not use a wet towel with any type of corrosive substances to clean the module plates as well as the surface of the equipment and power cord. Washing directly with water is not suggested in case of any functional damage.
- 6.3 If not in use please turn off temperature switch and power switch.
- 6.4 Please store the equipment in a ventilated area without contact of corrosive gas.

## 7. Explanation drawing



**Fig 2. Explanation drawing of GH-811**



**Fig 3. Explanation drawing of GH-813**

## 8. Accessories list

| Part number | Part name                              | Specification       |
|-------------|----------------------------------------|---------------------|
| GH-811-01   | Heat indicator lamp                    | 250V 14A            |
| GH-811-02   | Thermostat                             | 250V 20A            |
| GH-811-03   | Cross-headed screw                     | M4×6                |
| GH-811-04   | Power indicator lamp                   | 250V 14A            |
| GH-811-05   | Bottom hull                            | 430 □=0.8           |
| GH-811-06   | Hexagonal screw                        | M16×10              |
| GH-811-07   | Washer                                 | A3 chromium plating |
| GH-811-08   | Hexagonal screw                        | M5×25               |
| GH-811-09   | Washer                                 | A3 chromium plating |
| GH-811-10   | Twisting Spring                        | Φ3.5                |
| GH-811-11   | Rear Rotary Axle                       | Φ12×278             |
| GH-811-12   | Fixation Stand                         | Copper              |
| GH-811-13   | Hexagonal screw                        | M6×40               |
| GH-811-14   | Rear Hood                              | 430 □=0.8           |
| GH-811-15   | Cross-headed screw                     | M4×8                |
| GH-811-16   | Pin                                    | Φ4×40               |
| GH-811-17   | Ground screw                           | M6×15               |
| GH-811-18   | Power supply wire jacket               | ABS                 |
| GH-811-19   | Power supply wire                      | 3×2.5mm             |
| GH-811-20   | Power ground screw                     | M5X16               |
| GH-811-21   | Lower Module Plate                     | Iron                |
| GH-811-22   | Upper Module Seal Plate                | 430 □=0.8           |
| GH-811-23   | Cross-headed screw                     | M4×8                |
| GH-811-24   | Upper Module Plate Asbestos Insulation | Fiber glass         |
| GH-811-25   | Upper Module Heating Tubes Press Plate | □=1.0               |
| GH-811-26   | Upper Module Plate                     | Iron                |
| GH-811-27   | Heating Element                        | 800W 230V           |
| GH-811-28   | Coil in pipe                           | Steel               |
| GH-811-29   | Upper Module Axis                      | Φ12                 |
| GH-811-30   | Check ring                             | Φ14                 |
| GH-811-31   | Axes                                   | Φ12×278             |
| GH-811-32   | Hexagonal screw                        | M5×16               |
| GH-811-33   | Hexagonal screw                        | M6X8                |
| GH-811-34   | Rubber Handle                          | Φ30×155             |
| GH-811-35   | Operation Handle Frame                 | Steel 20×10         |
| GH-811-36   | Oil tray                               | 304 □=0.8           |
| GH-811-37   | Oval head nail screw                   | M6X12               |

| Part number | Part name         | Specification |
|-------------|-------------------|---------------|
| GH-811-38   | Orb               | Φ20           |
| GH-811-39   | Heat shield       |               |
| GH-811-40   | Press Plate       |               |
| GH-811-41   | Crosshead screw   | M4×20         |
| GH-811-42   | Terminal board    | 430 □=0.8     |
| GH-811-43   | Crosshead screw   | M4X8          |
| GH-811-44   | Line bank         | 250V 16A      |
| GH-811-45   | Qualification     | 250V 16A      |
| GH-811-46   | Hexagonal screw   | M6×20         |
| GH-811-47   | Rubber Feet       | Φ30×15        |
| GH-811-48   | Heat Element Bead | □=1.0         |
| GH-811-49   | Heat Element      | 230V 1000W    |
| GH-811-50   | Hexagonal screw   | M6×8          |
| GH-811-51   | Platter           | □=1.0         |
| GH-811-52   | Crosshead screw   | M4×6          |

## 9. Circuit diagram

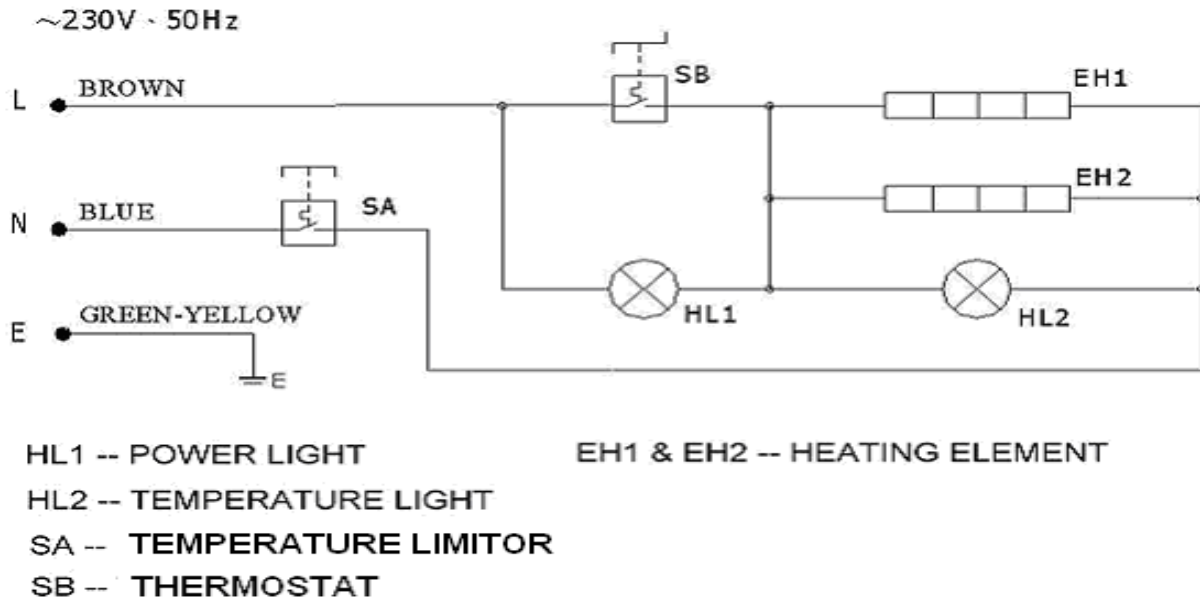
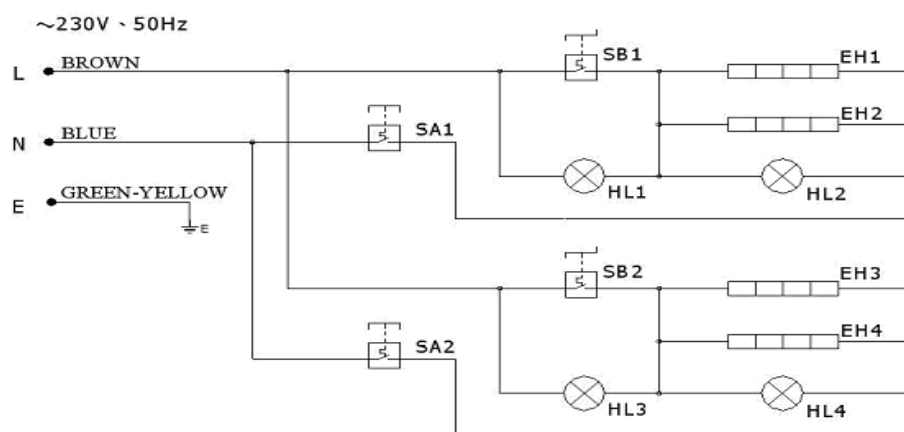


Fig 4. Circuit diagram of GH-811



HL1 & HL3-- POWER LIGHT      EH1 ~ EH4 -- HEATING ELEMENT  
 HL2 & HL4 -- TEMPERATURE LIGHT  
 SA1 & SA2 -- TEMPERATURE LIMITOR  
 SB1 & SB2 -- THERMOSTAT

**Fig 5. Circuit diagram of GH-813**

## 10. Troubleshooting

**Table 4. Troubleshooting**

| Problems                                                                                                        | Causes                                                               | Solutions                                                          |
|-----------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|--------------------------------------------------------------------|
| Module plates out of heat when the power and heat indicator are both on.                                        | 1) Breakdown of thermostat<br>2) Breakdown of electric heating wires | 1) Thermostat replacement<br>2) Replacement of electric heat wires |
| Thermostat out of order when the power is on and thermostat is switched and the heating indicator is on as well | Thermostat malfunction                                               | Replacement of thermostat                                          |
| Indicator off when the power is on and the heating process is normal                                            | Indicator light damaged                                              | Indicator replacement                                              |
| Indicator out of order and no heat when the power is on                                                         | 1. Abnormal power supply or cut-off power supply<br>2. Fuse breakage | Check power supply /or fuse replacement.                           |

Problems mentioned above are just for reference. If any other errors occur, please stop using immediately and seek for professional help.

### **! Warning**

Any disassembly and incorrect installation, incorrect adjustment and maintenance may lead to property loss and damage. Please contact your supplier if it is necessary to have this product repaired by professionals.

### **! Warning**

For your own safety, do not place or store any flammable liquid, gas or other objects around or in the product.