

# Warewasher

# User Manual



**Please read this instruction carefully before using**

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Please refer to this instruction carefully before installing and using. In order to correct installation, safe using and maintenance, please keep this manual and all information handy for future reference.

- Main Function:  
Washing for bowl, dish, glass articles, glass cup, this suited for dishwasher.
- Operating the machine must follow up with this instruction manual.
- Machine must be fixed and non-movement.
- The running water switch must be opened before operating the machine.

Don't use the corrosive, acidic liquid, harsh object and stainless steel brush to clean the machine

Parameter:

Size: 700\*640\*1430 MM

Voltage: 380V 50HZ 5N

Power: 13KW

Washing volume: 60RACK/ BASKET

Affusion Pressure: 0.3MPA

Diameter of Affusion hose: 2MM

Diameter of Drain hose: 4MM

- Machine Installation:  
Remark: The machine must be installed and fixed in the flat and firm place according to the manual and all information which provided by the manufacturer.

### 1. Power connection

- A. Power must have the power protecting switch independently. (Suggest using 60A switch with creepage avoiding)
- B. Must use the universal standard electrical wire for this machine.
- C. The main electrical wire must be connected with the power switch in the inner control box

### 2. Water connection

- A. To keep easy maintenance, make sure there is enough water in the washing container with 3/4 volume before connected the water supply.
- B. Water pressure: keep between 0.25-0.3 MPA
- C. The infall under the bottom of the machine.
- D. (Use the water hose with 3/4 inch diameter and connect to the infall under the bottom of the machine.)
- E. Use the water hose with 1½ inch diameter and connect to the draining port under the bottom of the machine.

### 3. Safety Mechanism and Malfunction List:

- A. There is the auto normal temperature system in the inner of the machine, it can test the temperature and renew the temperature automatically under running.

B. There is a safe protecting switch on the door, to avoid to be injured, machine will stop working when the door was opened.

**4. Checking the machine before use.**

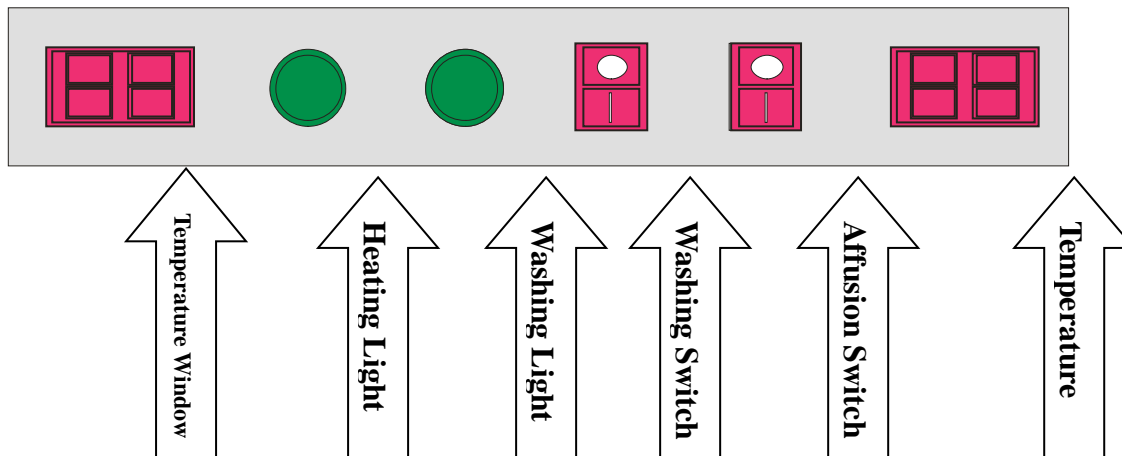
- A. Ensure the water, power has been connected successfully.
- B. Checking the water button in the inner machine, it should be opened entirely.
- C. Checking the percolating net, it should be proper fixed, no any other unwanted object obstructed.
- D. The tray in the machine must be proper fixed.

**5. Testing and Setting:**

- A. Turn on the power switch, water switch, open the door of the machine.
- B. The power light will turn green when power switch turned on.
- C. Press the water switch on the control board, temperature light will turn red, and then start affusion.
- D. Machine will turn to heating automatically when affusion finished.
- E. Machine will stop heating automatically when the temperature comes up to the prearranged point.

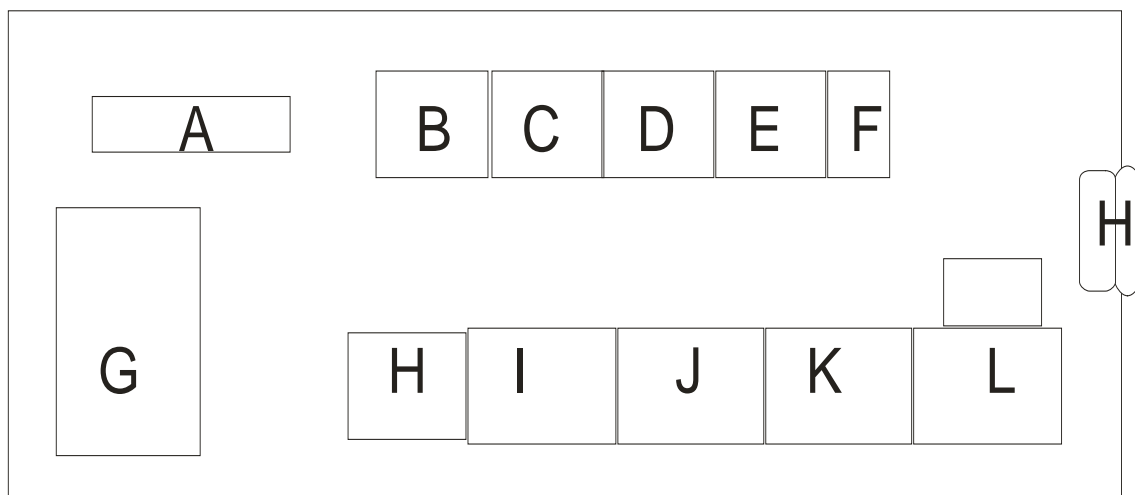
**Remark:** To ensure the nice washing result, please does not start washing until the temperature come up to the prearranged point. (Keep the washing temperature between 65-70C, rinse temperature between 85-90 Celsius Degree)

F. Please press “Start” when the temperature come up to the prearranged point.



**Remark of the Control Board**

G. Machine Setting



- |   |   |
|---|---|
| A: Power connecting plate of distenser. | B: Water volume controller              |
| C: Washing hour adjuster                | D: high temperature spray hour adjuster |
| E: Alarm hour adjuster                  | F: Power cut off switch                 |
| G: Power switch                         | H: Middle power cut off switch          |
| I: Heating controller                   | K: high temperature spray controller    |
| L: rinse spray controller               | H: Alarm                                |

**Remark:** The circuit diagram and label of the function in the inner of the machine.

Open the control board, there are 3 adjusters inside for time setting for Washing (0~60s), Sprinkling (0~60s) and Alarm (0~10s)

**Remark:** Time pre-setting as: Washing is 45s, high temperature sprinkling is 15s and alarm is 4s.

## 6. Distenser Setting for scour:

1. It's no need to set the distributor for inlay model, just insert the hose to distributor separately, this has been set up by manufacturer.
2. For the outlay model, there is a connection port in the inner of the machine for use.
3. Firstly, checking the accessories are completely or not (includes: feeding hose with 10m line, 1pc black valve [single side only], 1pc toucher, 1pc injector, 2pcs PVC tube, 1pc wall board, 1pc connector and 4pcs screw)
4. Fix the distributor on the wall and far away from door and vent (The screw hole on the backside of the machine.)
5. The PROBE should be installed in advance if you choose the PROBE model for the distenser (Install for PROBE: drilling a small hole with 22.5mm diameter on the upside of the water line, about 10cm away from the water line, use the rubber ring to fix the...and keep distance with high temperature, infall of scour, draining affusion hose.
6. Install the scour injector: drilling a hole with 22.5mm diameter on the upside of the marked line, then use the rubber ring to fix the injector from inside.
7. The dry lotion valve (single side) should be installed on port of the backside of the heater.
8. Use the 6mm tube and insert into the wiggle tube of the washing pump, use the white tape and tie

tightly, then cut the proper length and connection.

9. The end of the feeding tube must be connected with the gray PVC tube, then put into the washing bucket.

10. The end of the draining tube should be connected with the injector by the white screw.

11. You must choose the distenser which marked 220VAC and connect to the right port on the machine when connecting circuit (the connecting port on the inner side board of the machine).

12. To avoid affecting the washing quality, the distenser must be adjusted according to the speed of the wiggly pump (please refer to the instruction for details.)

### **7. Operating Guide:**

1. Turn on the water switch, check the water pipe, percolation net, then open the door of the machine.

2. Turn on the power and the power light will turn green.

3. Press down the watering button on the control table, temperature light will turn red, machine start working.

4. Machine will start heating automatically after affusion finished.

5. Machine will stop heating automatically once the temperature come up to the prearranged point.

6. All scour will be injected into the washing machine automatically after set up the distributor.

7. Do not put your hand into the washing bucket, put the cup and glass ware into the basket, all trays must be leaned onto the washing dishes and face up, silver dishes face down.

**8. Remark:** Do not put the silver dishes together with stainless steel hardware, as the silver dishes will be scratched and the hardware will be fretted easily. However, please choose the same/similar dishes and wash together. Special designs are suitable for all kinds of dishes. Do not over load and don't stack the dishes together. To keep the good function and maintenance, please wipe off all leavings before washing.

Put the trays back to the machine, close the door and press "Start" for washing. Washing is finished when the operating light dead. Open the door and take out the dishes, put into the air for several minutes until all dishes turn dry fully.

**9. Remark:** If you need to open the door on emergency case when machine on working, please do not hard push, or else, the hot water will spray out.

### **10. Daily Maintenance:**

1. The water must be replaced twice every day in minimum or you must replace the water any time when the water is turn grimely, or else, it will affect the cleaning quality and waste the scour, power and other lotion.

2. Turn off the power before take out the percolating net for cleaning, move away the draining port and use the runner water for cleaning. Put all accessories back to the machine after cleaning, don't close the door until the inner come dry.

**11. Remark:** Do not start the machine before you put the protecting net of the pump back to the machine. Working under empty water will damage the machine. The sprinkling port will be blocked

by the tiny things at any time, so the tiny things must be cleaned entirely in time.

## **12. Cycle Maintenance:**

Attention! To avoid damaging the machine and electric shock, do not sprinkle the water onto the machine, or else, any damage or personal hurt will be out of manufacturer's responsibilities.

Turn off the power, move away the piston of the draining port.

Drain all the water in the machine entirely.

Turn off the general power switch.

Take down the washing revolving arm, and take down the screw from the center spindle of the revolving arm.

Take down and clean all sprinklers from the revolving arm, and put back after cleaning.

Take down the fix ringer from the center arm of the revolving arm, then cleaning and washing.

Take down the percolating net from the washing pump, then cleaning and washing.

The washing bucket must be washed entirely, all the moving accessories must be taken off and cleaned, then reassembled after cleaning.

Machine will stop working when the door is opened.

Clean the outer shell of the machine by clean water, must be carefully/

Remark: Do not use the brass wires, hard dishcloth and grinding method to clean the stainless steel outer shell.

There are plenty of deposits of calcareousness and phosphatic objects in the washing bucket; this is caused by the mineral in the water. The deposit will damage the machine and affect the nice function, so you must wipe off the deposit in time by the experienced technician. The outer shell of the machine must be cleaned by the Vaseline when keeping the machine out of work.

The draining tunnel of the heater and washing pump must be kept expedite, it's dangerous when the draining tunnel was freezing in cool weather.

Manufacturer has the right to improve the machine and update the technical data without any prior notice.

