



INTRODUCTION

- ★Thank you very much for purchasing the steam foaming machine. All devices of this equipment are controlled by microcomputer, which makes the operation easier.
- ★We believe that the use will increase your confidence, and do not hesitate to recommend others to buy this machine. Because it can improve user benefit, optimize operating costs.
- ★ Please read every part of this manual carefully before using the equipment.
- ★This manual will tell you the advantages of purchasing this product, how to best use our products, routine maintenance and accidental failures and easy troubleshooting, reducing the time users are allowed to stop due to waiting for maintenance.
- ★Please keep this manual well for future use. We would like to express our best regards to you again.

CONTENTS

1. Technical characteristics and parameters.....1
2. Unpacking precautions.....2
3. Safety tips.....2
4. Machine description.....3-4
5. Machine installation.....5
6. PID temperature control setting.....6
7. Machine operation and use.....6-7
8. Shut down machine and routine maintenance.....7-8
9. Simple troubleshooting table.....9-10
10. Attached installation drawing.....11

1. Technical characteristics and parameters



DZ22-5D

DZ22-5S

Model No.	N. W (KG)	Body size (L* W* H)	Watt (V)	Power (W)
DZ22-5D	16KG	240 × 450 × 430	220V	2250W
DZ22-5S	19KG	240 × 450 × 430	220V	3000W

2. Unpacking precautions

- 2.1 The machine and all accessories are usually packed in a special freight carton. Please check if you receive the goods. All packaging is complete.
- 2.2 Packing contents: one steam foaming machine, one manual, one fitting, one inlet pipe, one drainage pipe, one water tray.
- 2.3 Machines and accessories are intact (if the accessories are damaged or lost, please contact the dealer or manufacturer in the area immediately).

3. Safety tips .

- 3.1 The steam foaming machine can be installed in other catering industries such as cafes, catering service areas, take-away stores, or places where it is needed. The equipment is used for steam heating or supplying boiling water, such as heating milk and milk foam, and brewing tea. Can't make other drinks.
- 3.2 This manual is an integral part of the machine and is delivered to the user with the machine. Please read all the tips and instructions in the installation, use and maintenance. Please keep the manual in a place that is not easily lost for future reference.
- 3.3 After unpacking, confirm that the machine is intact. Please put all packaging materials in the appropriate place. If you have any questions, please do not use the machine first, contact the dealer or professional immediately!
- 3.4 Confirm that the power parameters shown on the product nameplate are consistent with the actual power supply before starting the machine. The product nameplate is located behind the machine.
- 3.5 The machine installation must comply with the national legal standards and follow the manufacturer's instructions, the professional or the installation of the relevant technicians to install the machine.
- 3.6 The manufacturer is not responsible for any damage caused by the system being ungrounded. In order to use electrical safety, the machine must have a reliable grounding system. Contact an electrician qualified technician to check that the line load meets the maximum load shown on the nameplate.
- 3.7 Please do not use the conversion plug, multi-function socket or tow board to power the machine. When using these tools temporarily, you must consult a qualified electrician to avoid danger.
- 3.8 When installing the machine, you must use the parts and materials of the machine itself. If other spare parts are needed, the engineer responsible for the installation needs to explain with the user the purchase and check whether the accessories can be used to refer to the water source.
- 3.9 The machine must comply with local health and health standards in terms of installation of water pipes. And the water inlet is reserved within 2 meters of the installation machine position.

4. Machine description

3.10 The machine needs to be connected to the source of drinking water 0. 2MPa (water pressure is greater than 2kg/cm²), the installation position is in line with relevant regulations. The engineer responsible for the installation must confirm with the owner/manager of the machine that the water source used meets the above requirements and standards.

3.11 The machine must be used for the purposes indicated in the manual. The manufacturer is not responsible for any damage caused by improper use, operational errors and unreasonable causes.

3.12 The machine must not be used by children or people with inexperienced knowledge, except under professional supervision and direction.

3.13 After the installation is finished, please open the water first, then turn on the main power of the machine to prevent the machine from damaging the related accessories due to lack of water.

3.14 When the first machine is installed and commissioned, please turn off the machine and drain all the steam and water in the machine. It can remove the impurities that may exist in the original machine. Then reboot and use.

3.15 You must understand some basic common sense of electrical use during use.

- Do not pull or pull the plug with wet hands.
- Do not use the machine when barefoot.
- Do not use the machine in a damp place.
- Do not expose the machine to natural environment (rain, direct sunlight, etc.).
- Do not allow children or anyone who has not read the instructions to operate the machine.

3.16 Safety tips :

1. Pressure: 0. 20Mpa
2. Minimum water inlet pressure: 0. 1Mpa
3. Maximum water inlet pressure: 0.65Mpa



- | | | |
|----------------------|-------------------|-------------------------------|
| 1.Temp. Window; | 2.Electronic key; | 3.Anti-scalding rubber cover; |
| 4.Temperature probe; | 5.Steam wand; | 6.Water Filter plate; |
| 7.Power switch; | 8.Water inlet; | 9.Water outlet; |

5. Machine installation

Please read the safety tips on the front page of the manual carefully before installing the machine(part 13) .

- Please check accessories with the packing list after removing the machine from package. Place the machine on a flat surface. Follow the procedures as below to start installation:
- Take the machine out and place it in a horizontal position;
- Open the accessory box and take out the relevant connector and attach the metal hose;
- Open the water source, wait until the water pressure is higher than the "0" position (except for the bottled water), observe whether there is water leakage at the installation position of the terminal, and confirm that there is no water leakage before receiving electricity;
- The machine will automatically detect the water inlet and automatically turn on the heating function.
- No abnormal situation indicates the completion of the installation.
- Machine installation is finished if all in normal working status .
- Note : The hose assembly to which the machine is connected must use the new hose assembly that comes with the accessories , the old hose assembly cannot be reused .

Buttons are as shown above. The machine can be used by pressing "T1/T2" and "Setting ".

- Steam button T1/T2 can set steam temperature, factory default:

T1: 65°C T2: 70°C

- The setting key is also a continuous steam carry out button, and the temperature cannot be set. The maximum steam use time of " setting " is 99 seconds.

Tip: Tips: Before using the steam, please push the steam pipe to the position of the fuselage to prevent the condensed water hurt the operator. It is recommended to drain the condensed water for 3 seconds before using to make the steam drying thus effect better.

6.3 Machine parameter setting

- Steam temperature setting: press and hold the "setting button" until the button light flashes, then press "T1", the display meter will display 65 °C. Then press "T1" and " Setting " to adjust to the desired steam temperature, and finally long press the "Setting " to exit the steam temperature settings. The temperature setting of other buttons is the same.

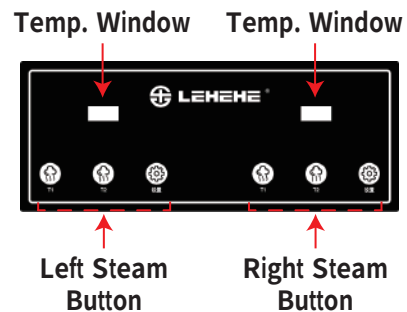
Boiler temperature setting: long press "T2" until "T2" flashes, then press T1+ " setting" to adjust required boiler temperature and finally long press "T2" to exit the boiler temperature setting.

6. Machine Operation and Temperature Settings

7. Shut down the machine, maintain and clean

6.1 Insert the machine plug:

- Check if the water source is turned on.
- Turn on the main power switch .
- Waiting for heating to complete .



7.1 When the machine needs to be turned off, press the power switch (10) to turn off all indicators.

Tip: For long periods of downtime, it is recommended to unplug the machine for safety reasons.

7.2 Machine Maintenance

- If the above operations are performed, basically no other maintenance measures are required.
- During the maintenance/repair process, the accessories used must be in compliance with safety and hygiene standards, and the original accessories can meet the standard.

• When repairing/replacing an accessory that comes into contact with food or water, a cleaning process must be performed or the manufacturer's instructions must be performed.

7.3 Machine cleaning

- The following table must be cleaned with the machine turned off, the power turned off, and cooled to room temperature.
- The cleaning frequency is shown in the following table:

Cleaning Unit		Cleaning Frequency		
No.	Name	After use	Every day	Every week
1	Steam nozzle	√	√	√
2	Water filter plate		√	√
3	Mchine cover		√	√
4	Hot water outlet		√	√

1. Steam nozzle

- Wipe with a damp cloth immediately after use .
- Clean the four small holes of the nozzle frequently .

2. Clean the water filter plate

- Add a small amount of detergent to clean with a small brush .
- Rinse with water after brushing

3. Clean the drip plate

UNcover the water tray cover and add a small amount of detergent to clean .

4. Clean the machine cover

- Do not use any acid or alkaline solvent to clean the machine cover. Just wipe it with a mild detergent or a damp cotton cloth.

9.Problem Solving Table

9.1 Mechanical equipment may cause mechanical failure due to operational errors, aging of accessories, etc., resulting in the machine not being able to operate normally. Therefore, the manufacturer's long-term summary of maintenance/repair experience is compiled into a table. To reduce the user because of simple mechanical failure and wait for maintenance time and related costs. (wearing parts and rubber rings are not covered by the warranty. When the main power cord is damaged, it must be replaced by a professional.)

If the machine is not working proerly , please check the problem according to the following fault table .

Trouble	Solutions
Do not output hot water .	•The machine is not heated or has no steam pressure . •The output port is blocked or the valve body is blocked .
No steam output .	•Steam nozzle blockage . • The water level is too high, open the hot water or drain . •Insufficient boiler pressure or no heating .
Boiler is full of water .	•The water inlet solenoid valve is not tight or blocked. It is necessary to disassemble the valve body to clean or contact the technician for aging.
Air leaking from the vacuum breaker valve .	•The gasket is worn out . •Valve pin to the middle .

Trouble	Solutions
Safety valve leak .	•The spring is weak and the safety valve needs to be replaced.
Not heated .	•Temperature probe failure . •Overheat protector failure.
Steam nozzle or hot water port drip .	•The gasket is worn out .

Tips: Users can purchase the corresponding filter/ water softener equipment to help reduce the scale and blockage caused by long-term use of the machine. Mechanical failure due to water quality is not covered by the warranty!

- The pressure of the drinking water is required to be greater than 0. 2MPa (2Bar) .
- A water shut-off valve must be installed at the water inlet to facilitate machine maintenance and cleaning .
- If a water softener is installed, it must be pre-soaked for the first time before it can be connected to the machine .

10. Attached installation drawing

1. Tap water input
2. Filter
3. Sewer
4. Water Softener
5. Drainage pipe
6. Metal hose

