



STEAM FOAMING MACHINE



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INSTRUCTION MANUAL

Please read the instructions carefully before using your milk foaming machine, and keep this manual for future use.

INTRODUCTION

★Thank you very much for chasing the liquid heater (embedded steam foaming machine). All the devices of this equipment are controlled by microcomputer, which is easier to operate.

★We believe that your use will increase your confidence. And there is no doubt to recommend others to buy this machine before using the device.

★Please read carefully the details of each part of this manual before using the device.

★This manual will tell you the advantages of purchasing this product, how to best use our products, daily maintenance and accidental failures and easy troubleshooting shortening the time users are out of waiting for maintenance.

★Please keep this manual in a safe place for future use, and we would like to express our greetings to you again.

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1. Technical characteristics and parameters



Model No.	N. W (KG)	G. W (KG)	Body size (L* W* H)	Watt (V)	Power (W)
DZ0918-1	14KG	16KG	300*300*600	220V	3000W
DZ0918-2	14KG	16KG	300*300*600	220V	3000W

2. Unboxing Notices

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 The contents of the box are

One desktop milk foam machine host one desktop milk foam machine operation table one steam pipe one hot water pipe one instruction manual throat hoop two one inlet pipe two drain pipe on drain connector.

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 match the actual power supply before starting the machine. The product nameplate is located behind the machine.

3.5 The machine must be installed in accordance with the national legal standards and in accordance with the manufacturer's instruction, the machine should be installed by a professional or a technician associated with the installation.

3.6 The manufacturer is not responsible for 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 Do not use a conversion plug, multi-function socket or power strip 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 parts are required, the engineer responsible for the installation needs to explain to the user the purchase and check whether the accessories can be used to reference the water source.

3.9 The machine must comply with local health and hygiene standards in terms of installation of water pipes .And the water inlet is reserved within 2 meters of the installation machine position .

3.10 The machine must be used for the purposes shown in the manual .The manufacturer is not responsible for any damage cause by impro[er use , operational errors and unreasonable causes.

3.11 The machine needs to be connected to the drinking water source to 0.2MPa (water pressure is greater than 2kg/cm²) . and the installation position complies 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 .

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

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 to remove any impurities thar many have existed in the original machine .Then reboot and use .

3.15 You must understand some basic common sens of electrical appliances 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 wet places .
- Do not expose the machine to the natural environment (rain , direct sunlight , etc .)
- Do not let children or anyone who has not read the instructions operate the machine .

3.16 Safety tips : Rated pressure : 0.2 MPa ; Minimum inlet pressure : 0.1 MPa ; Maximum water inlet pressure : 0.65 MPa .

4. Descriptions



- 1.Steam wand 2.Water filter plate 3.Hot water wand
4.Warming tray 5.Dirpper tray 6.Steam power connector
7.Power switch 8.Water inlet 9.Bottom drainage valves
10.Power cora 11.Water outlet

5.Installation

Before installation , please carefully read the safety tips and diagram (part 10) .

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 .

1. Take out the operation panel and main engine .
2. Take out the relevant connectors from accessories box and main engine ,connect the machine .
3. Open the water supply ,wait for water pressure index higher than "0" position (except for barreled water).Observe if there is water leaking on connector ,make sure that machine can be powered without water leakage .
4. Then the machine will automatically detect the water inlet and autommatically turn on the heating function .

•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 .

6.Machine operation and temperature setting

6.1 After machine plug in, check the water supply is already open.

- Turn on the main switch(Leakage protector).
- Wait for heating to complete.

6.2.1 Enter into programming

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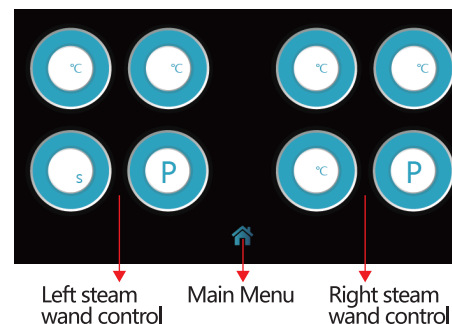
Heating status display
(Blue light means heat preservation .
Red light means heating .)

Water level display
(flashing means adding water)

Steam boiler temperature display

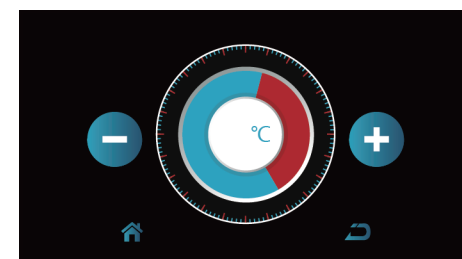
6.2.2 Click the standby interface to enter to the operation menu.


6.2.2 Click  to enter into main menu page



6.2.3 Click  to enter into temperature setting

6.2.4 Click any button to enter into temperature customization




6.2.5 Main menu page  to check warning history



Four warnings in total:

1. Water level error;
2. Steam boiler water in timeout;
3. Steam boiler temperature probe has no signal;
4. Steam boiler probe temperature is too high.

6.2.6 Main menu page  to restore factory setting



6.3 After machine plug in , check water supply is already open .
Turn on the main switch (Leakage protector) .
Wait for heating to complete .

6.4 The use of steam

- Don' t put hands below the steam nozzle or direct contact of skin to prevent overheating burns while operation .
- Suggest steam pipe be used continuously for 60 seconds .
- While using steam function , large quantity of steam shall be emitted by pressing the steam switch button , and press again to turn off the steam .

Note: Before using steam , pour out cold water for about 3 seconds or on the basis on manufacture' s instruction .
6.3 The use of hot water

While using hot water nozzle , don' t put hand below it or direct contact of the skin to avoid overheating burns . Make sure that steam pressure index to 0.1MPa (1Bar) . This nozzle is used to procide hot water and tea making .
Note: It 's improper to discharge hot water and steam at same time , which prevent lower water pressure while boiler 's watering .

7. Power off , maintenance & Cleaning

7.1 Power off

Press the power switch to stop all indicator lights when nees power off .

Note: For safety , it' s recommended to pull the machine plug if remain idle for long periods .

7.2 Maintenance of this machine

If the above operations are performed , basically no other maintenance measures are required .

During maintenance , all accessories shall match the safety and health standard and original accessory can meet the standard .

While repairing or replacing an accessory contacting with food or water , it shall be through a washing process or follow the manufacture' s instruction .

7.3 Cleaning the machine

The components in the form below shall be sashed after power off and machine cool to room temperature (cut off power) .

As the following chart :

Components cleaning		Cleaning Frequency		
No.	Name	After use	Every day	Every week
1	Steam nozzle	√	√	√
2	Drip plate		√	√
3	Machine cover		√	√
4	Hot water port		√	√

1. Steam nozzle

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

2. Clean the hot water port

Wipe with a damp cloth immediately after use . To avoid burns , do not clean the hot water port when the machine is turned on.

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 body cover . Just wipe it with a mild detergent or a damp cotton cloth .

8.Problem Solving Table

8.1 The machine may cause mechanical failure due to operational errors , aging of accessories , etc . thus resulting in the machine not working properly .

Therefore , the manufacturer has long comiled the maintenance/maintenance experience into a table to reduce costs due to simple mechanical failure .

(Consumable parts and gaskets are not covered by the warranty . To avoid danger , when the power cord is damaged , it must be replaced by the manufacturer' s warranty department or other 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	<ul style="list-style-type: none"> •The machine has not finished heating or no steam pressure •The output port is blocked or the value is blocked
Do not output steam	<ul style="list-style-type: none"> •The steam nozzle was blocked •The water level is too hight , open the hot water or drain . •Insufficient boiler pressure or no heating
Boiler is full of water	<ul style="list-style-type: none"> •Water inlet solenoid valve is not closed tightly . •Open the valve and clean or contact technicians .

9.Installation Diagram

Trouble	Solutions
Air leaking from the vacuum breaker valve	<ul style="list-style-type: none"> •The gasket is worn out . •Valve pin too the middle .
Air leaking from the safety valve	<ul style="list-style-type: none"> •The spring is not strong. Change safety valve .
Not heated	<ul style="list-style-type: none"> •Temperature probe failure . •Overheat protector failure.
Steam nozzle or hot water port drip	<ul style="list-style-type: none"> •The gasket is worn out .

Tips: Users can purchase the corresponding filtering and soft water equipment to reduce the scale and blockage of the machine for a long time . Mechanical failure due to water quality is not covered by the warranty !

- Installation pressure must be more than 0.2MPa (2 Bar) .
 - 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 .
- When installing and using .

- 1.water input
- 2.filter
- 3.sewer
- 4.water softener
- 5.drain pipe
- 6.metal hose

