



please read this instruction manual before use.

Thank you for purchasing our tankless magnetic induction water heater. To ensure optimal use of our product and achieve maximum efficiency, please read this manual carefully before use and follow its instructions. We appreciate your support!

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I. Product Accessory Data and Product Parameters

Package Contents

Item	Quantity
Instantaneous Induction Water Heater:	1 piece
Instruction Manual:	1 piece
Filter:	1 piece
Coupling:	1 piece
Mount:	1 piece

Basic Parameters

	Technical Parameters
Model Number:	MLS-8000, MLS-8500- Reflect what Tom says
Rating:	8 KW, 8.5 KW
Rated Voltage:	220V
Rated Frequency:	50Hz
Rated Water Pressure:	0.01-0.6MPa
Maximum Temperature Selection:	55°C
Waterproof Rating:	IPX4

II. Applications and Features

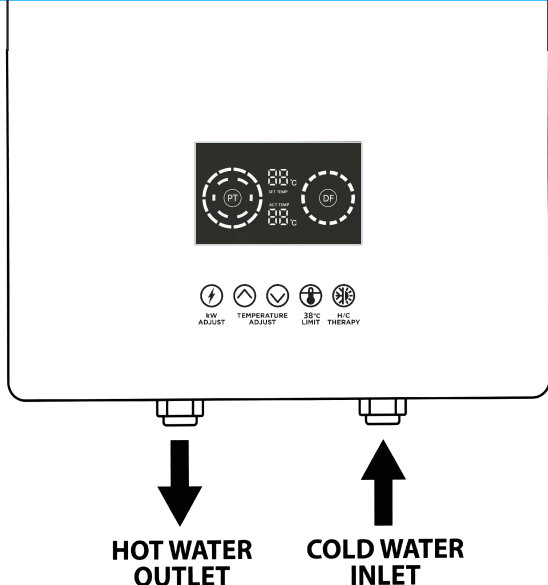
Applications:

This electric water heater is designed for providing hot water for bathing and washing in households, businesses, institutions, and service industries. It is not intended for drinking purposes.

Features:

- (1) High Energy Efficiency: Achieves 30-50% greater efficiency than conventional electric water heaters, with low power consumption and rapid, instantaneous heating—no waiting required.
- (2) Microcomputer Control: Ensures excellent temperature stability. The water temperature can be adjusted to any value between 35°C and 55°C (for computer-controlled models).
- (3) Enhanced Safety: Utilizes patented water and electricity separation technology, ensuring complete isolation between water and electrical circuits.
- (4) Innovative Heating Technology: Features a rotating magnetic field induction heating system, employing high-frequency magnetic fields to soften water, sterilize, and inhibit scale formation.
- (5) Advanced Intelligence: Automatically monitors and controls the operational status of the water heater, with an LED digital display providing real-time information on water temperature and time.
- (6) Compact and Elegant Design: The small size and sophisticated exterior design reflect the owner's refined taste and high standards of living.
- (7) Exceptional Energy Efficiency: Conserves both electricity and water, promoting sustainable and cost-effective usage.

III. Installation



Installation Requirements:

1. Socket and Switch Compatibility:

Ensure the socket or air switch has a rated current value not lower than that of the water heater. The socket structure must match the water heater's power plug. Keep the socket and power plug dry to prevent leakage.

2. Water Flow Switch Installation:

Install the original water flow switch at the water inlet and outlet pipes. Operate it regularly to remove carbonic acid deposits and prevent clogging.

3. First-Time Use:

Before initial use, fill the water heater with water. Open at least one valve at the water outlet to release air. Electric heating should only begin once the heater is fully filled with water.

4. Heating Period:

It is normal for water droplets to drip from the water flow switch during heating. Be cautious of the high temperature at the pressure relief port to avoid burns. Never block the pressure relief port, as this could cause the inner tank to burst and lead to water leakage.

5. Discharge Pipe Installation:

The discharge pipe connected to the pressure relief port must be installed with a downward slope in a frost-free environment. Ensure the pipe maintains communication with the atmosphere.

6. Safe Usage:

Avoid pointing the nozzle at your body to prevent burns. Always adjust to the appropriate temperature before use.

7. Water Pressure Adjustment:

If the tap water pressure exceeds 4.0L (as shown on the display), adjust the water flow switch to 4.0L.

8. Pipe Requirements:

Use inlet and outlet pipes with pressure resistance of at least 0.7 MPa and temperature resistance up to 42°C. Suitable materials include galvanized pipes or copper pipes.

9. Heat Recovery System:

Ensure the heat recovery system is properly connected and thoroughly checked for air and water leaks.

Installation Preparation:

1. Professional Installation Requirements:

Ensure that professional installation personnel are equipped with the necessary tools, measuring instruments, and qualified inspection equipment.

2. Pre-Installation Inspection:

Check the electric water heater for any damage and ensure that all accompanying documents and accessories are complete.

3. Manual Review:

Carefully read this "Instruction Manual" to understand the functions, usage, installation requirements, and installation methods for the electric water heater.

4. Power Supply Verification:

- Confirm the availability of a 220V/50Hz power supply.
- The electric water heater should use a dedicated branch circuit with a capacity greater than 1.5 times the heater's maximum current.
- Position the socket in a safe location to minimize the risk of electric shock.
- Visually inspect and use specialized tools (e.g., phase meter, test pen, ground resistance meter) to ensure the live and neutral wires are installed correctly.
- Verify that the electric energy meter, wires, and socket capacity meet the water heater's requirements.
- Use a pressure gauge to check the tap water pressure. If it exceeds 0.7 MPa, install a pressure-reducing valve on the water inlet pipe.

5. Installation Location Selection:

- Avoid locations with flammable or corrosive gases, strong magnetic fields, or strong electric currents.
- Protect the unit from direct sunlight, rain, wind, and vibrations.
- Minimize the distance between the water heater and the water point to reduce heat loss.
- Choose a location with adequate drainage or a floor drain to handle water discharge.
- Ensure sufficient space for maintenance, relocation, and repairs.
- Verify that the installation surface can support at least four times the total weight of the water heater when filled with water. If not, install a support bracket for additional safety.

6. Non-Compliance with Installation Requirements:

Professional installers must notify the user of any conditions that do not meet the installation requirements and recommend necessary corrections. If these issues cannot be resolved, installation should be declined.

IV. Operation and Use

Plug in the power supply to place the machine in standby mode. Open the water flow control valve to start the shower water flow. The machine will automatically detect the water flow and begin heating. The digital screen will display both the set temperature and the actual water temperature.

For first-time use, the system's default set temperature is 38°F. The machine will automatically adjust its power through frequency conversion to ensure the actual temperature matches the set temperature.



After 30 seconds, the system automatically adjusts the temperature to 25°C. Press the key again to deactivate the physiotherapy mode.

Note:

When the electric water heater will not be used for an extended period, turn off both the power supply and the water inlet valve to ensure safety and prevent unnecessary wear.

V. Precautions

1. First-Time Use:

Before turning on the power for the first time, ensure the water heater is completely filled with water.

2. Winter Precautions:

In cold regions prone to freezing, if the water heater will not be used for an extended period, it should be emptied of water to prevent damage.

3. Damaged Power Cord:

If the power cord is damaged, it must be replaced with a special power cord provided by the manufacturer and installed by professional maintenance personnel.

1. kW Adjust Key:

Press this key to enter the settings mode.

2. Temperature Adjust Key:

Use this key to adjust the set temperature. Click to increase or decrease the temperature value. If no further adjustments are made for 3 seconds, the system will automatically save the current set temperature as the desired water temperature.

3. 38°C Limit Key:

Press this key to activate the "Mother and Baby" mode, which sets and locks the water temperature at 38°C for optimal safety and comfort.

4. H/C Therapy Key:

Press this key to activate the physiotherapy mode. Initially, the temperature is set to 42°C.

4. Power Socket and Air Switch Compatibility:

Ensure that the current rating of the power socket or air switch matches the requirements of the selected electric water heater for safe and efficient operation.

VI. Routine Maintenance

1. Monitor for Leaks:

Regularly inspect the line joints for any signs of leakage and address them promptly to prevent further issues.

2. Check the Safety Valve:

Frequently verify that the safety valve is functioning correctly and can relieve pressure as needed.

3. Safe Handling of Power Plug or Switch:

Never unplug the power plug or operate the air switch with wet hands. Always unplug the power supply or turn off the air switch if the water heater will not be used for an extended period.

VII. Troubleshooting

Causes of Failure

Power Issues	The power supply is not connected.
Internal Connection Problems:	Poor internal electrical contact.
Temperature Limiter or Switch Malfunction:	The temperature limiter is disconnected, or the switch is damaged.
Improper Coordination:	The waterway and circuit are not properly coordinated.
Excessive Cold Water:	An excessive amount of cold water is being mixed in.
Improper Settings or Water Flow:	The temperature controller is not set correctly. The water flow is too large for proper heating.
Heating System Issues:	The circuit host is not heating. The thermostat is broken.
Sensor Malfunctions:	Inlet water temperature sensor is open-circuit. Outlet water temperature sensor is open-circuit. Inlet water temperature sensor is short-circuit. Outlet water temperature sensor is short-circuit.

Error Codes

Code	Message	Cause
E3	Outlet water temperature sensor open circuit	The temperature sensor is loose or damaged. Contact the service station for repair.
E4	Inlet water temperature sensor open circuit	The chaos sensor is loose or damaged. Contact the service station for repair.
E4	Inlet water temperature sensor short circuit	The temperature sensor is loose or damaged. Contact the service station for repair.
E5	Outlet water temperature sensor short circuit	The temperature sensor is loose or damaged. Contact the service station for repair.

Common Issues

Waterway and Circuit Alignment:	Adjust the waterway and circuit components to ensure they are properly aligned.
Flow Valve Adjustment:	Adjust the flow valve to regulate water flow appropriately.
Temperature and Flow Settings:	Use the increase or decrease buttons to adjust the set water temperature and reduce the water flow rate as needed.
Sensor Issues:	If the warning sensor is loose or damaged, contact the service station for repair. If the temperature sensor is loose or damaged, contact the service station for repair. If the temperature sensor is loose or damaged, contact the service station for repair.
Professional Repair:	Contact maintenance personnel to address complex issues.

VIII. Warranty

Product Warranty/Installation Card - INSTALLER COPY			
Model Name _____		Installer Phone # (____) ____ - _____	
Model Number _____	Purchase Date ____ / ____ / ____	Installation Date ____ / ____ / ____	
Test Results ☐ Good ☐ Average	Pre-Inlet Valve Test Results ☐ Pass ☐ Fail	Mechanical Test Results ☐ Pass ☐ Fail	
Power Socket Check ☐ Pass ☐ Fail	Unit Serial # _____		
Installer Signature _____			

Installer Instructions:

1. Post-Installation Inspection:

After completing the water heater installation, request that the customer supervise and inspect the machine for any issues, such as moisture or leaks. Only proceed to fill out the installation card and obtain the customer's signature if they are satisfied with the installation.

2. Installation Accessories and Warranty:

If the installation unit's accessories are used (with a separate list signed by the customer), the installation unit will provide a one-year free warranty and cover any issues related to the provided accessories within this period.

If the installation uses accessories provided by Qike, neither the company nor the installation unit will assume responsibility for any problems caused by the quality of these accessories.

Reminder:

When returning or exchanging the machine due to quality issues, this card must be included. Please ensure you keep the card in a safe place.

Product Warranty/Installation Card - CUSTOMER COPY			
Street Address _____		Model # _____	
City/State/Zip _____	Purchase Date ____ / ____ / ____	Serial # _____	
Place of Purchase _____	Service Attitude ☐ Good ☐ Average ☐ Poor	Leak Test? ☐ Yes ☐ No	Start Time _____
Machine Test? ☐ Yes ☐ No	End Time _____		
Additional Comments _____			
Customer Signature _____			

