▲ Faults and Processing Methods

Fault	Reason	Processing Method
Indicate light is off.	Power is off.	Check that whether the power socket connection is good or not.
	Poor inner connection.	Maintained by professionals.
	Indicate light is damaged.	
	The reset button of electricity leakage protection plug is off.	Press reset button, if the reset is up again immediately, then it may be over temperature protection action or electricity leakage protection happening. The user can check the electricity leakage reasons by oneself. If the reason cannot be found, please contact with local maintenance office.
	Water is not fully filled, over burning, or over temperature protection, temperature limitation is on.	The water can be filled after the electric heating pipe is cooled at least 10 minutes. After the water is full, press the reset button of temperature limitation device, then it can be recovered. (It must be checked and maintained by professionals.)
Water outlet temperature is low.	Cold water consumption is too large.	Regulate water mixing valve.
	Temperature controller is damaged.	Maintained by professionals.
	Over heat protection.	
	Electric heating pipe is damaged.	
Water Leakage	Inner tank port is not sealed well.	Maintained by professionals.
	Whether the Teflon tape is used for each joint or not.	Use Teflon tape.
Heating time is long gradually.	Electric heating pipe is scaled seriously.	Maintained by professionals.

▲ Maintenance

In order to ensure that the water heater can be operated in high efficiency, the sediment of heating components and inner tank must be cleaned once a year (The period shall be shortened properly for areas with bad qualified water), in case the water scale of heating pipe affects the heating effectiveness, but it must be replaced by professionals.

The entire packing of this water heater includes:

Body of Water Heater	1 set	Operation Manual	1 piece
Single Way Safety Valve	1 piece	Product Guarantee Card	1 piece
Concrete Anchor	2 pieces		

▲ Special Warning

- If it is used for the first time, then the electric water heater must be fully filled before connecting with the power. Water stored in the water heater cannot be used if there is no water supply. In winter, if the electric water heater will not be used for a long time, then water in the water heater must be drained entirely, in case of unsafety caused by frost damage of inner tank.
- Please choose high qualified socket to use with the plug of this electric water heater. If the the socket is of poor quality, the connection of socket and plug will be connected poorly and the temperature will be too high, which will cause burning damage of the plug!
- The power plug shall be installed at a dry and safety place near the water heater outside of the bathroom. If the power cord needs to be replaced, then it must use the special used power cord provided by the manufacturer, and it shall be maintained by professionals.

▲ Specification Instruction

SY — XX

Water-storage capacity (L)

Product code (electric water heater)

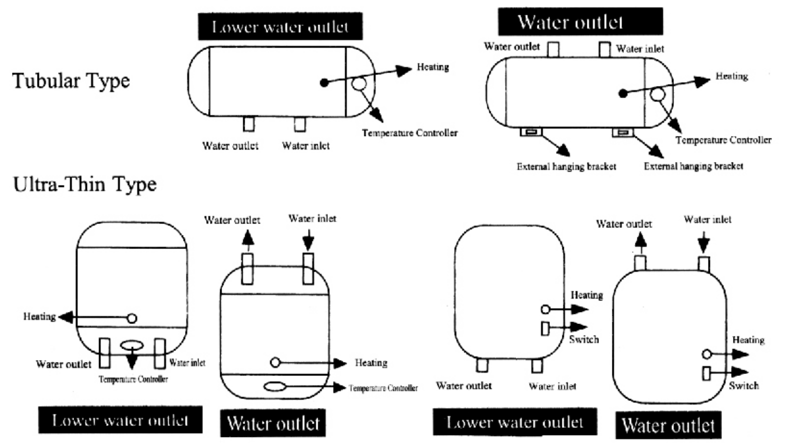
▲ Technical Parameter

Rated Voltage Rated Frequency	Rated Power Rated Current	Temperature Adjustment Scope	Minimum Water Pressure	Water-Proof Level
110V/60HZ	1500W	30℃~65℃	0.75MPa	IPX4
220V/50HZ	1500W	30℃~65℃	0.75MPa	IPX4
110V/60HZ	1000W	30℃~65℃	0.75MPa	IPX4
220V/50HZ	1400W	30℃~65℃	0.75MPa	IPX4

▲ Name of Each Component

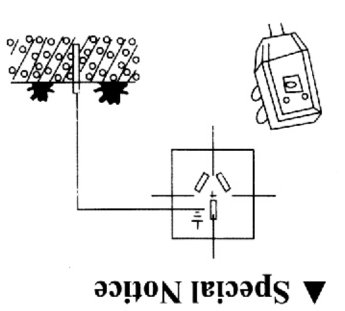
Tubular Type

Ultra-Thin Type



(The appearance will be changed without prior notice.)

▲ Special Notice



- It must be grounded firmly, and it is forbidden to use tap water pipe as the bottom line.
- The power of 110V±10%50HZ must be used.
- The high qualified socket of 110VAC, current capacity of 10A must be used.
- The original electric leakage protection plug must be used.
- The socket and plug shall be dry, in case of electric leakage.

▲ Installation Method

Please install it by qualified professionals!

- Drill 2 holes horizontal direction on the solid wall by the percussion drilling based on installation dimensions.
- Insert the expansion bolt in the hole and screw the hook tightly, make the hook upward. (Figure A) Hang the suspended bracket above the electric water heater firmly, hang it firmly aiming at expansion bolt hook.

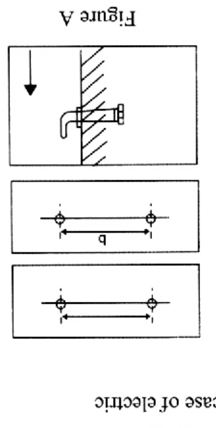
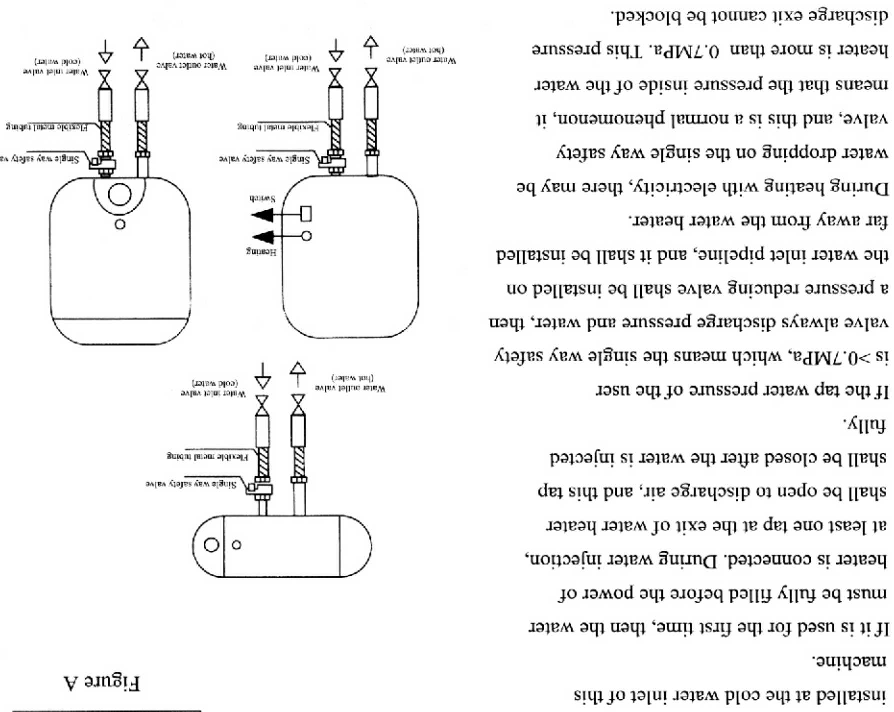


Figure A

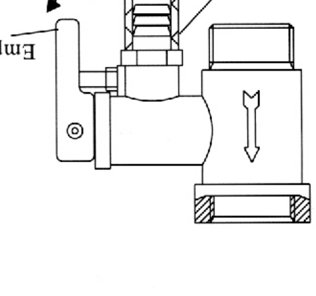
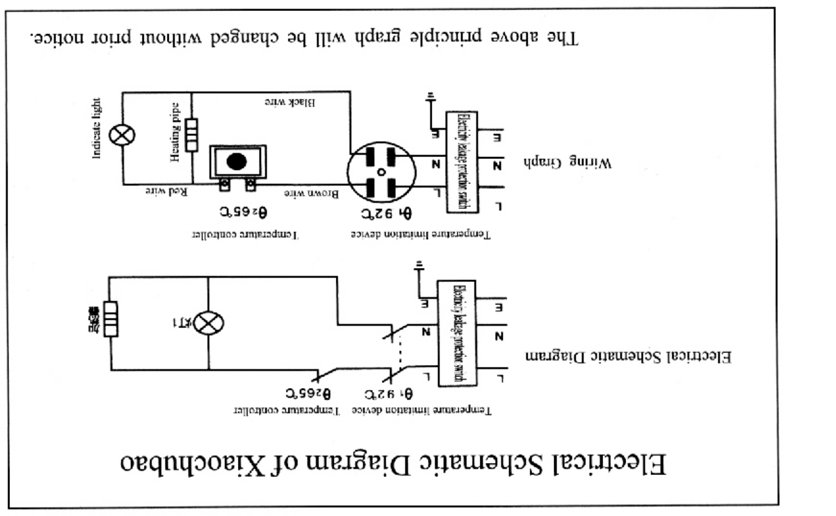
- The original single way safety valve must be installed at the cold water inlet of this machine.
- If it is used for the first time, then the water must be fully filled before the power of heater is connected. During water injection, at least one tap at the exit of water heater shall be open to discharge air, and this tap shall be closed after the water is injected fully.
- If the tap water pressure of the user is >0.7MPa, which means the single way safety valve always discharge pressure and water, then a pressure reducing valve shall be installed on the water inlet pipeline, and it shall be installed far away from the water heater.
- During heating with electricity, there may be water dropping on the single way safety valve, and this is a normal phenomenon, it means that the pressure inside of the water heater is more than 0.7MPa. This pressure discharge exit cannot be blocked.



- The one-way safety valve shall regularly pull the handle to remove the calcium carbonate deposits and prove that the device is not plugged
- One-way safety valve vent water outlet temperature may be higher, pay attention to avoid scalding.

▲ Safety Instructions

- If it is used for the first time (or the first use after maintenance and cleaning), then the water heater must be fully filled with water before power connecting. It is forbidden to be heated with electricity before the water is filled fully.
- The safety valve cannot be replaced freely, original spare parts can only be used. The discharge pressure of safety valve cannot be adjusted by oneself, and the pressure discharge port cannot be blocked.
- If the hot water temperature is more than 65℃, it cannot be sprayed to the human body, and the water temperature shall be check first, in case of scald caused by hot water.



Wiring Principle Graph (The specification of product will be changed without prior notice.)