

**Electric parameter**

Spare part Parameter	Massage pump	Ozone generator	Bottom light	Thermostatic	Electromagnetism valve	Control panel	Speaker	Note
Rate voltage	AC220-240V/50HZ	AC12V	DC12V	AC220V/50HZ	DC12V	AC220V/50HZ		
Rate voltage	AC110-120V/60HZ	AC12V	DC12V	AC120V/60HZ	DC12V	AC120V/60HZ		
Rate power	1125W	5W	3W	1500W	5W		15W	

Control Panel Functions



- Light
- Jet Strength
- Jets
- AUX N/A
- Jet Mode
- Heater
- Volume Down Channel Down Previous
- Settings
- Radio
- Bluetooth
- Volume Up Channel Up Next
- On/Off


## The characteristics of the control system electrical box


- 1) Rated voltage: AC220V-240V/AC110V-120V
- 2) Rated frequency: 50HZ/60HZ
- 3) Standby Power: <10W (All load is closed)
- 4) Ambient temperature: +5°C~+40°C










## Devices being controlled by control system


- 1) Surfing water pump: 2HP
- 2) Heater: 1500W
- 3) Bottom light: DC12V/1W
- 4) Electromagnetism valve: 4\*DC12V/5W
- 5) Ozone generator: DC12V/6W
- 6) Speaker: 8Ω/15W (Maximum)







## Control panel operation instruction












1. Press any key a buzzer would let out.
2. “” On/Off
  - 2.1 The control system starts operation when touch this key, the bottom lights would turn on at the same time.; press this key again to turn off the control system.
  - 2.2 The control system would turn off automatically when it turn on 60 minutes later, and all the load would turn off.
3. Child lock
 


The control system would lock all keys automatically when you do not use the control panel in 5 minutes. The LCD shows “LOCK” icon. To unlock the control panel by pressing any key, the “LOCK” icon disappear.
4. “” light
 


Each time to touch “” lights would change to another color, the LCD shows a light icon when the control system turns on; the lights colors would change circularly when touch “” the seventh times; the lights would turn off when touch “” for the eighth times.
5. “” Jet Mode
  - 5.1 There is water level sensor in the control system to prevent water pump from running idle to damage water pump under less water or without water.
  - 5.2 The jet function would turn on when touch “”, the LCD shows “” icon. The water pump would not work when the water level sensor test the water level is below the set value, the “” icon twinkle. The water pump would start to work when the water level sensor test the water level reaches to the set value, the “” shows dynamic.
  - 5.3 Touch “” turn off the water pump when the jet function is turn on, and the jet mode icon would disappear. Also the heater would turn off (if the heater is turn on).








6. “” Jet
 

Touch “” to turn on the jet, one admission valve works, touch “” for the first time, two admission valves work; touch “” for the second time, three admission valves work; touch “” for the third time, four admission valves work; touch “” for the fourth time, four admission valves turn off; So the cycle to repeat.
7. “” Jet Strength
 

Touch “” to turn on the jet strength, one admission valve works, touch “” for the first time, air inlet circular with 3 seconds interval. The order is: one admission valve, two admission valves, three admission valves, four admission valves, three admission valves, two admission valves, one admission valve. Touch “” for the second time, four admission valves work for 2 seconds, and turn off for 1 second. So the cycle to repeat. Touch “” for the third time, four admission valves turn off. So the cycle to repeat.
8. “” Radio
  - 8.1 Touch the “” to turn on the radio when the control system is turn on, the LCD shows the current frequency and “” “” icon; touch the “” again to turn on the radio, the current frequency and “” “” icon shows on LCD disappear.
  - 8.2 FM broadcast receiving frequency range is 87.5MHz---108.0MHz.
  - 8.3 Frequency increase
 

Touch “” to increase a step length (1 step length = 50KHz) tuned frequency when the radio turns on. Touch this key for more than 2 seconds, the system would search FM program upwards, digital lock would lock the program automatically, LCD shows the corresponsive frequency; when it reaches upper limit 108.0MHz and touch this key, the frequency will turn to 87.5MHz.
  - 8.4 Frequency decrease
 










Touch “” to decrease a step length (1 step length = 50KHz) tuned frequency when the radio turns on. Touch this key for more than 2 seconds, the system would search FM program downwards, digital lock would lock the program automatically, LCD shows the corresponsive frequency; when it reaches lower limit 87.5MHz and touch this key, the frequency will turn to 108.0MHz.
  - 8.5 Volume adjustment
 

Touch “” when radio turns on, LCD flicker “VOL” and number means the volume can be adjusted. Touch “” to increase the volume, touch “” to decrease volume. The volume range is 0-20.
  - 8.6 Channel saving/channel picking out
    - 8.6.1 Channel saving: select the channel need to save when the radio turns on, touch “” the LCD flicker “CH” icon, touch “” or “” to choose the saving position, the channel can be saved in this position when touch “” for 2 seconds again.









## TS Control panel instruction

8.6.2 Channel picking out: touch “” when the radio turns on, the LCD shows the corresponsive channel and “CH” icon, touch “” or “” to pick out the corresponsive channel.

### 9. Bluetooth

- 9.1 When the control system turns on and the radio turns off, touch “” for 2 seconds to disconnect the corresponsive device and search the new device again.
- 9.2 When the control system turns on and touch “” to turn on the bluetooth music playing function, LCD shows “BT--C”; touch “” again to turn off the bluetooth music playing function, “BT--C” disappear.
- 9.3 If the bluetooth pairing failed, LCD flicker shows “BT--C”; if succeed, LCD constant shows “BT--C”.
- 9.4 When the bluetooth music playing function turns on, touch “” or “” to choose previous or next music.
- 9.5 When the bluetooth music playing function turns on, touch “” to play or pause music.
- 9.6 Touch “” bluetooth music playing function turns on, LCD flicker “VOL” and number means the volume can be adjusted. Touch “” or “” to adjust volume.

### 10. Heater

- 10.1 The heater can not be turned on until the surfing water pump turns on.
- 10.2 Touch “” to turn on the heater function, LCD constant shows “” icon. The heater would start or stop to work according to the temperature inside the bathtub and the setting temperature (acquiescent temperature is 37°C).
- 10.3 Touch “” again to turn off the heater.
- 10.4 Temperature setting
- 10.4.1 Turn on the heater and touch “”, LCD flicker shows temperature and “°C”, touch “” or “” to set the temperature. The LCD shows the correponsive temperature. Each time to touch “” the temperature would raise 1°C; each time to touch “” the temperature would drop 1°C; the temperature would disappear when you do not touch these two keys 5 seconds later.
- 10.4.2 Temperature range: 30°C--45°C.

### 11. Ozone

Touch “” to turn on the ozone. It would turn off automatically when it works for 10 minutes; touch “” to turn off the ozone manually.

## Troubleshooting Instructions

Problem	Cause	Solution	Problem	Cause	Solution
Bathtub shaking anomaly and loud noise	<ol style="list-style-type: none"> <li>1.The botton frame of bathtub is imbalance, nut is not screwed down.</li> <li>2.Fixed screws of motor and shockproof glue are not enough or fall off.</li> <li>3.Motor idling.</li> <li>4.Motor failures.</li> </ol>	<ol style="list-style-type: none"> <li>1.Put the bathtub on a level surface, adjust bottom frame till level, and screw nut tightly.</li> <li>2.There should be 4 screws and 4 shockproof rubber gaskets to fix motor, tighten the screws.</li> <li>3.Add water to required level--water level is higher than probe screw.</li> <li>4.Contact distributor or EAGO company.</li> </ol>	Chromatic lamp off.	<ol style="list-style-type: none"> <li>1.Plug off.</li> <li>2.Control circuit panel failure.</li> </ol>	<ol style="list-style-type: none"> <li>1.Reconnect plug.</li> <li>2.Contact distributor or EAGO after sale service department.</li> </ol>
			Insufficient water flow.	<ol style="list-style-type: none"> <li>1.Water pressure of water inlet pipe is too low.</li> <li>2.Water inlet pipe is stuck.</li> </ol>	<ol style="list-style-type: none"> <li>1.Check water pressure of water inlet pipe.</li> <li>2.Clean filter.</li> </ol>
			Shunt valve failure.	<ol style="list-style-type: none"> <li>1. Rubber gasket of valve broken.</li> </ol>	<ol style="list-style-type: none"> <li>1.Replace a new one.</li> </ol>
Motor runs normally, but no water spray out or abnormal water pressure of nozzle (Water pressure is not enough.)	<ol style="list-style-type: none"> <li>1.Part of backwater net is blocked.</li> <li>2.Water level is too low.</li> <li>3.Hydraulic governor is off.</li> <li>4.There is air during water into water pump.</li> <li>5.Others.</li> </ol>	<ol style="list-style-type: none"> <li>1.Take apart backwater net to clean with screwdriver and clear away sundries to keep water pass through fluently.</li> <li>2.Add water to normal requirement --higher than probe screw.</li> <li>3.Turn on Hydraulic governor.</li> <li>4.a) Turn on cleaning function valve to exhaust air. b) To prevent air in pipes, tighten water inlet pipe components of water pump.</li> <li>5. Water pipe and air pipe are conn --ected contrarily; please contact professional personnel to mend.</li> </ol>	No air out from massage nozzle.	<ol style="list-style-type: none"> <li>1.Sundries stuck in air pipe.</li> <li>2.Air pump is off.</li> <li>3.Air pump does not work.</li> </ol>	<ol style="list-style-type: none"> <li>1.Take off nozzle and dredge little air pipe with iron wire.</li> <li>2.Turn on air pump.</li> <li>3.Follow air pump function failure steps to check.</li> </ol>
			Water exhaust device doesn't bounce or leak water.	<ol style="list-style-type: none"> <li>1.Screws become loosened or adjust too low.</li> <li>2.Zipper of water exhaust device is broken.</li> <li>3.Rubber gasket is not flat</li> </ol>	<ol style="list-style-type: none"> <li>1.Take off water exhaust device, tighten screw or readjust screw to suitable place.</li> <li>2.Replace whole set if it is true.</li> <li>3.Level up water exhaust device and reinstall it.</li> </ol>
Some water leave in pipes.				Because specific structure of some individual massage bathtub, it is not equipped with water exhaust function.	
Massage motor or air pump does not work.	<ol style="list-style-type: none"> <li>1.Abnormal voltage or power connection failure.</li> <li>2.Fuse burns down or anticreeping switch tripping operation.</li> <li>3.Nothing displays on circuit panel.</li> <li>4.No water level probe signal.</li> <li>5.Baroswitch broken.</li> </ol>	<ol style="list-style-type: none"> <li>1.Switching power switch.</li> <li>2.After professional electrician check there is no abnormal situation, replacing fuse or switching anticreeping switch.</li> <li>3.Contact distributor or EAGO after sale service department.</li> <li>4.Add water to normal level--add water higher than probe screw.</li> <li>5.Professional electrician replaces the same model baroswitch.</li> </ol>			