

The products are made according to ISO-9001 and the standard for electrician safety

★ Noted : The instructions are only for your reference. Please contact supplier for further information.



Casual sanitary ware

Intelligent Sanitary Ware



Ideal Life Classical Style

Massaging Whirlpools(H103)

Manual

Dear user,

Thank you for your choosing our series of computerized whirlpools, which are controlled by modern full function computer and using beautiful bronze metal parts. It sources from personality and unique for people.

Please read carefully this consumer manual before installation and operation to ensure that you can use this product safely.

Warning:

- 1.The electrical installation of this product must be made by qualified electrician.
- 2.The local electrical parameters must be accord with electric parameters of this product.
- 3.This product must be grounded properly and test it.
- 4.There is no parts of the computer control which can be repaired by user themselves, do not unpack the computer control yourselves if the electrical parts of this product do not work. You should inform the dealer to check and repair it. Our Company would not be liable for the electrical parts otherwise user unpack the computer control themselves.

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Troubleshooting

Symptoms	Problem Causes	Recommended Action
Indicating light on control panel doesn't work and whirlpool doesn't work	①、Electrical power box disconnects to control box ②、5V voltage on circuit board is not available	①、Connect the electrical power box to control box ②、Repair 5V voltage
No signal display on LCD and indicating light doesn't work	①、Electrical power disconnects, no power to control box ②、4A fuse of electrical power box is burn-out	①、Turn on electrical power ②、Replace bulb
Whirlpools bottom lamp is not available	①、Bulb cord disconnects ②、bulb is not available ③、No power to bulb	①、Conenct the wiring again ②、Replacc bulb ③、Bulb overruns,it runs from 20W to 25W
Hydro function is not available	①、Medical bath generator doesn't work ②、Pipe of medical bath generator is blocked ③、Medical bath generator disconnects	①、Replace medical bath generator ②、Remove obstruction from pipe ③、Connect the wiring again
Medical bath in not available	①、Water doesn't reach high water level detector ②、Water level detector doesn't work ③、Pump doesn't work ④、Electronagnetic valve of air outlet doesn't work ⑤、Air pipe is blocked	①、Wait for water reaching high water level detector ②、Check and repair high water level detector ③、Replace pump ④、Check and repair electromagnetic valve of air outlet ⑤、Renove obstruction from pipe
Telephone receiver doesn't work	①、Control disconnects to telephone wiring ②、Indoor telephone is of anti-theft-dialing lock	①、Connect telephone wiring to control ②、Don't connect to telephone of anti-theft-dialing lock
Sterilization function is not available	①、Sterilization device disconnects ②、Sterilization device doesn't work	①、Connect wiring again ②、Replace sterilization device
Remote control doesn't work	①、Capacity of battery is too low ②、Battery installs in wrong direction ③、Kemote control is not available	①、Replace battery ②、Install battery properly according to prompt ③、Replace remote control
Radio effect is not good enough	①、Antenna is not spread ②、Antenna position is not proper	①、Spread antenna ②、Adjust antenna position
Heating device failed	①、Water doesn't reach high water level detector ②、Water pump doesn't turn on ③、Heating protector broken ④、Heating bar broken	①、Wait for water reaching high water level detector ②、Turn on the water pump ③、Replace heating protector ④、Replace heating bar

Notice:①、Call dealer or qualified electrician for maintenance when meeting problems.
②、Must not replace, put on or take off the electrical parts when checking problems by user themselves.

Caution

Don't disconnect the appliance with wet hands;
Don't use or stop the use if the appliance is damaged, especially the supply cord and the case;
Parts containing live parts, except parts supplied with safety extra-low voltage not exceeding 12V, must be inaccessible to a person in the bath;
Earthed appliances must be permanently connected to fixed wiring;
Parts incorporating electrical components, except remote control devices, must be located or fixed so that they cannot fall into the bath;
The appliance should be supplied through a residual current device (RCD) having a rated residual operating current not exceeding 30mA;
The built-in battery contains substances which may be harmful to the environment. When you discard your remote controller in due course, please remove the battery and hand it in separately at an officially assigned collection point.

Maintenance

1. Keep the acryl surface of the shower panel from crashing by a sharp edge. If the surface is crashed or there is some blot which can not be removed by scrub, using #1500 sand paper to polish it and apply some toothpaste on a soft cloth to wipe it.
2. Using special cleanser to clean-up the shower panel. The cleanser contain no such organic solvents as acid, alkali, ketone and aldehyde.
3. Need not polish the plating parts of the shower panel to prevent from affecting the brightness of the surface. Keep benzine and acid (such as sealant) away from the plating parts avoid eroding when being in installation.
4. Shut down the water and electrical supply if the shower panel is not in operation for a long time. Keep it in a dry and ventilated circumstance and far away from volatile chemicals.
5. Clean-up the filter at the joint of the water pipe to ensure the fluent flowing.

Features massage bathtub

1. Model, specification and function

Model	Specification (cm)	Style characteristics					Standard configuration														
		Seating person	Polygon	Square	Oval	Human body curve bottom	Luxurious Faucet	Computer control system	Handle shower tap	Waterfall outlet	Back massaging	Bottom massaging	Pillow	Oxygen increasing and sterilization	Water level detecting	Filtration system	Phototherapy system	Fm radio system	Foldable bed	FM stereo speaker	Remote contro / USB / FM stereo speaker
GA-1810/Z/J/JZ	1800*1000*750	1		●			●	●	●	●	●	●	●	●	●	●	●	●	●	●	
GA-1913/Z/J/JZ	1900*1300*750	2		●			●	●	●	●	●	●	●	●	●	●	●	●	●	●	
GA-1913Y/Y-1 R/L	1900*1300*760	2		●			●	●	●	●	●	●	●	●	●	●	●	●	●	●	
GA-1913F/-1 R/L	1900*1300*760	2		●			●	●	●	●	●	●	●	●	●	●	●	●	●	●	
GA-218-1/1Z R/L	1500/1600/1700/1800 *850*650	1		●			●	●	●	●	●	●	●	●	●	●	●	●	●	●	
GA-212-1/1Z R/L	1500/1600/1700*800*650	1		●			●	●	●	●	●	●	●	●	●	●	●	●	●	●	
GA-205-1/1Z R/L	1800*900*700	1		●			●	●	●	●	●	●	●	●	●	●	●	●	●	●	
GA-218 /Z R/L	1620*820*700	1		●			●	●	●	●	●	●	●	●	●	●	●	●	●	●	
GA-1780-2 R/L	1500/1600/1700*800*650 1800/1900*900*680	2		●			●	●	●	●	●	●	●	●	●	●	●	●	●	●	
GA-1790-1 R/L	1500/1600/1700/1800/1900 *900*640	1	●				●	●	●	●	●	●	●	●	●	●	●	●	●	●	
GA-1680 R/L	1500/1600/1700*800*620	1	●				●	●	●	●	●	●	●	●	●	●	●	●	●	●	
GA-312A/B R/L	1700*800*650	1	●				●	●	●	●	●	●	●	●	●	●	●	●	●	●	
GA-210 R/L	1550*800*630	1	●				●	●	●	●	●	●	●	●	●	●	●	●	●	●	
GA-310-1/A R/L	1500/1600/1700*750*650 1800/1900*850*650	1		●			●	●	●	●	●	●	●	●	●	●	●	●	●	●	
GA-1616S	1600*1600*650	2			●		●	●	●	●	●	●	●	●	●	●	●	●	●	●	
GA-1616/-1	1600*1600*650	2			●		●	●	●	●	●	●	●	●	●	●	●	●	●	●	
GA-1500N	1500*1500*670	2			●		●	●	●	●	●	●	●	●	●	●	●	●	●	●	
GA-1515-1	1500*1500*700	2	●				●	●	●	●	●	●	●	●	●	●	●	●	●	●	
GA-1580N	1580*1580*700	2			●		●	●	●	●	●	●	●	●	●	●	●	●	●	●	
GA-202/Z	1500*1500*680	2			●		●	●	●	●	●	●	●	●	●	●	●	●	●	●	
GA-220B	1500*1500*700	2			●		●	●	●	●	●	●	●	●	●	●	●	●	●	●	
GA-203/Z	1300*1300*700	1			●		●	●	●	●	●	●	●	●	●	●	●	●	●	●	
GA-1515-2	1500*1500*680	2			●		●	●	●	●	●	●	●	●	●	●	●	●	●	●	
GA-1550-1	1400*1400*600	2			●		●	●	●	●	●	●	●	●	●	●	●	●	●	●	
GA-1313	1380*1380*680	2	●				●	●	●	●	●	●	●	●	●	●	●	●	●	●	
GA-203-1	1350*1350*660	2	●				●	●	●	●	●	●	●	●	●	●	●	●	●	●	
GA-202-1	1450*1450*650	2			●		●	●	●	●	●	●	●	●	●	●	●	●	●	●	
GA-202-2	140*1400*690	2			●		●	●	●	●	●	●	●	●	●	●	●	●	●	●	
GA-1515	1500*1500*700	1	●				●	●	●	●	●	●	●	●	●	●	●	●	●	●	
GA-219 R/L	1310*1020*680	1	●				●	●	●	●	●	●	●	●	●	●	●	●	●	●	

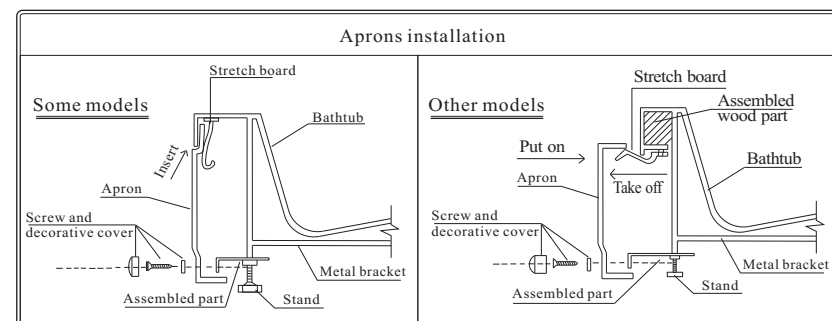
Features massage bathtub

1. Model, specification and function



Model	Specification (cm)	Style characteristics		Standard configuration															
		Seating person	Polygon	Square	Oval	Human body curve bottom	Luxurious Finet	Computer control system	Handle shower tap	Waterfall outlet	Back massaging	Bottom massaging	Pillow	Water level detecting	Oxygen increasing and sterilization	Filtration system	Phototherapy system	Fm radio system	Foldable bed
GA-1812/W R/L	1800*1200*650	2	●				●	●	●	●	●	●	●	●	●	●	●	●	●
GA-1812-1 R/L	1800*1200*750	2	●				●	●	●	●	●	●	●	●	●	●	●	●	●
GA-1550 R/L	1550*1100*640	2	●				●	●	●	●	●	●	●	●	●	●	●	●	●
GA-201A/B R/L	1760*1230*650	2	●				●	●	●	●	●	●	●	●	●	●	●	●	●
GA-1712 R/L	1700*1200*670	2			●		●	●	●	●	●	●	●	●	●	●	●	●	●
GA-1913-1 R/L	1900*1300*600	2	●				●	●	●	●	●	●	●	●	●	●	●	●	●
GA-1811	1800*1100*650	2		●			●	●	●	●	●	●	●	●	●	●	●	●	●
GA-201-1 R/L	1790*1290*700	2	●				●	●	●	●	●	●	●	●	●	●	●	●	●
GA-201-2 R/L	1790*1290*680	2	●				●	●	●	●	●	●	●	●	●	●	●	●	●
GA-1510 R/L	1550*1100*655	2	●				●	●	●	●	●	●	●	●	●	●	●	●	●
GA-1580/ZA/ZB/HA/HB	1580*1580*700	2	●				●	●	●	●	●	●	●	●	●	●	●	●	●
GA-1414	1400*1400*650	1			●		●	●	●	●	●	●	●	●	●	●	●	●	●
GA-1515-1G	1500*1500*700	2	●				●	●	●	●	●	●	●	●	●	●	●	●	●
GA-1580ZA/ZB/HA/HB	1580*1580*700	2			●		●	●	●	●	●	●	●	●	●	●	●	●	●
GA-1760 R/L	1700*1000*620	1	●				●	●	●	●	●	●	●	●	●	●	●	●	●
GA-1760-1R/L	1700*950*620	1	●				●	●	●	●	●	●	●	●	●	●	●	●	●
GA-1990ZA/HA	1700*900*640	2	●				●	●	●	●	●	●	●	●	●	●	●	●	●
GA-1795 R/L	1700*950*680	1	●				●	●	●	●	●	●	●	●	●	●	●	●	●
GA-1585 R/L	1500*1030*680	1		●			●	●	●	●	●	●	●	●	●	●	●	●	●
GA-1685 R/L	1600*1030*680	1		●			●	●	●	●	●	●	●	●	●	●	●	●	●
GA-1790 R/L	1700*1080*680	1		●			●	●	●	●	●	●	●	●	●	●	●	●	●
GA-1890 R/L	1800*1080*680	1		●			●	●	●	●	●	●	●	●	●	●	●	●	●
GA-1913SN-1/NW/W/SW	1900*1300*700	2		●			●	●	●	●	●	●	●	●	●	●	●	●	●
GA-1785N/N-1/SN	1700*850*700/650 1600*800*600	1		●			●	●	●	●	●	●	●	●	●	●	●	●	●
GA-1785NW/W-1/SW-1/SNW	1700*850*700 1700*850*650	1		●			●	●	●	●	●	●	●	●	●	●	●	●	●
GA-1890S	1800*900*650	1			●		●	●	●	●	●	●	●	●	●	●	●	●	●
GA-1890-1/-2	1800*900*650	1			●		●	●	●	●	●	●	●	●	●	●	●	●	●
GA-1890	1800*900*635	1	●				●	●	●	●	●	●	●	●	●	●	●	●	●

Appurtenance : Aprons installation



- Follow diagram 5 to insert aprons into pontes crevice between stretch board and tub edge
(notice : properly incline apron to ensure insert go fluently)







- Regulate aprons installation location, with locknuts to tighten aprons to fastener, cover fastener with decorative nuts.
- Put tub on prepared location , insert drainpipe into prepared waterspout, notice : keep inlet depth less than 10cm(if water spout faraway from location , you can lengthen the hose with same diametral hose , but please ensure kerf with plastic sealed against any leakage .)
- Reinstall the apron according to the above procedures in an inverse turn.

- 1).flashes and both water pump and bottom lamp can't be turned on, while water reach standard level, the key lit and stop flash, the water pump and bottom lamp started.
- 2).The key is ok during the operation of water pump and water is adequate, press touch the key  for 1.5 second to turn on O₃ disinfection and the key flashed until O₃ disinfection shuts in 15 minutes . after O₃ disinfection shuts, the key restore to lit mode and flashes once water is inadequate.
- 3).Under O₃ disinfection mode, it water is inadequate, the O₃ disinfection shut and will restore disinfection as water is adequate;
- 4).Under O₃ disinfection mode, press touch the key for 1.5 minutes to shut O₃ disinfection, the key  lit while water is adequate.










C. Air blower:

Under the power on mode: Press the key  while water is inadequate to start dry blower,the operation will shuts in 10 minutes; Press the key  while water is adequate to start air blower and no time limit to be set; During operation of air blower , the key flashes while water is inadequate and the air blower stop operation , and air blower will restore operation while water is adequate and the key lit.





D. Heater

While the water pump is on, touch the key  to start heating and LCD displayed the default temperature is 38 ° C . while the Temp figure flashing (see ), please touch the key  or  to get choice heating temperature; The heater is on while water is adequate, while water is inadequate and the key flashes ,the heater shuts.

E. Radio

- (1). Heating temperature set: Under heating temperature set mode, LCD displayed TEMP flashed (see ) and show the current default temperature , press the key or the key  or the key  to set heating temperature, the temperature is adjustable from 35 ° C to 43 ° C .
- (2). Air blower set : Under air blower gear shifts mode, LCD display the gear shifts grade (see ), press the key  or the key  to set gear shifts of air blower, the adjustable grade is 1~10.
- (3). Volume set: Under radio on mode, the system enter into parameter set mode and LCD display db (see ), touch the key  or the key  to adjust the radio volume.

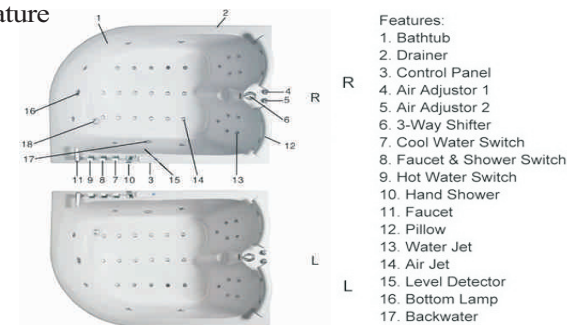
F. Bluetooth Music Playing Function

1. Bluetooth music playing function on: when the system on and also connects Bluetooth function, touch  can switch radio function into Bluetooth music playing function. Retouch the key will turn off Bluetooth or radio function.
2. Skipping music: touch  can skip music, it will show “bt”, then choose music by turning + or - .
3. Volume regulation: when Bluetooth in general state, touch  can get into regulation state, the volume ranges from 0~15, control panel shows  when regulating.
4. Turn on Bluetooth music playing function, if disconnect with mobile phone, the control panel will show error code “E6”.
5. If system off, the Bluetooth function will be off automatically. Turn on system again requires reconnect Bluetooth via mobile phone, meanwhile turn on music playing function of mobile phone, the system can get into Bluetooth music playing function. After connection we can control the Bluetooth function.

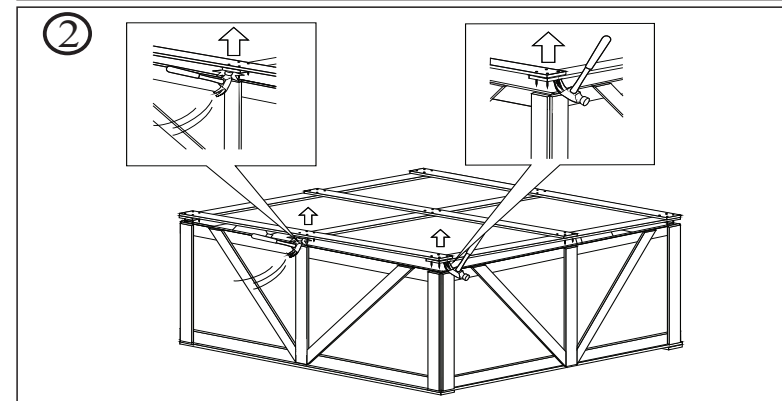
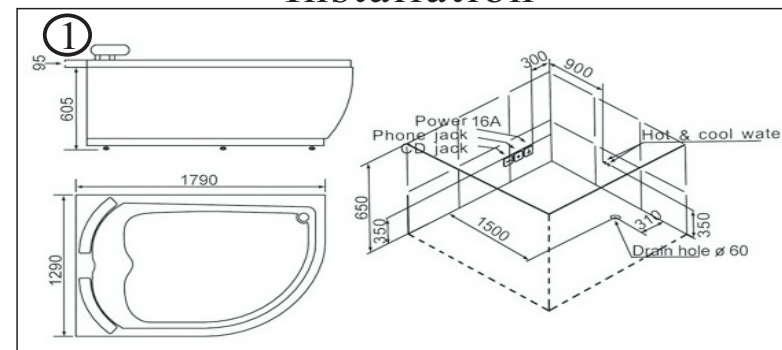
2. Technical paremeters.

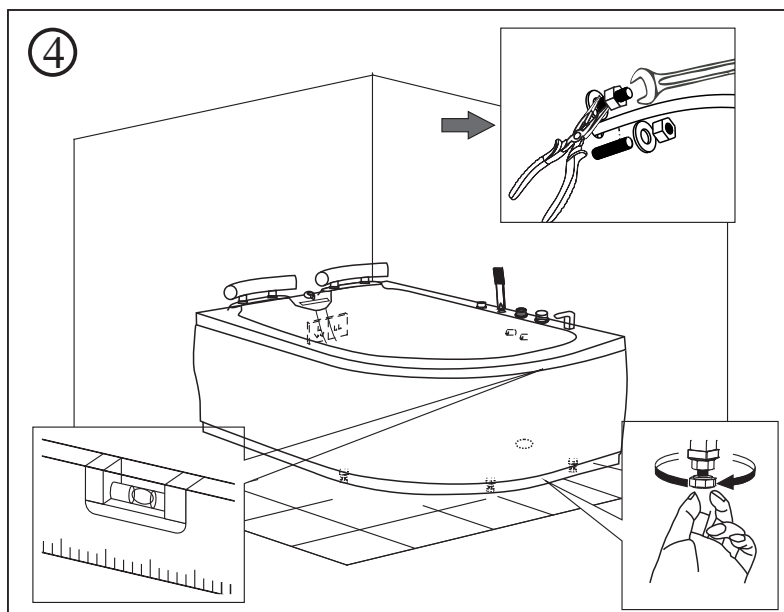
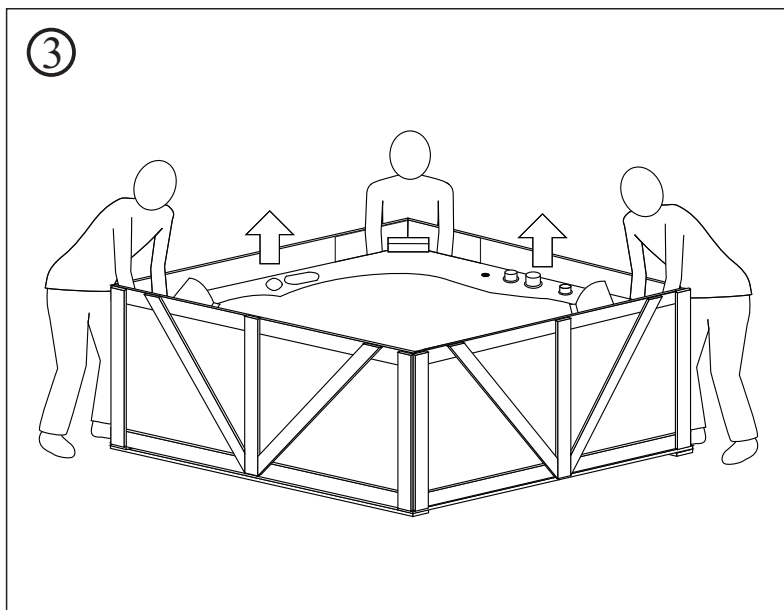
Power Supply Parameters					Water Supply Parameters			Diameter of the Pipe Joint		Long-distance control system
Power supply voltage	Frequency	Voltage of the control	Power Massaging water pump	Power Massaging air pump	Water supply pressure	Working Pressure	Water flow volume	Cool/Hot Water Supply	Drainage	
AC220V	50HZ	DC12V	1.1KW	0.3KW	≥0.2MPa	0.2-0.4MPa	8-10L/min	φ 15	φ 40	(Option)

3.Feature



Installation










4. Operation of control panel

4.1. Warning



- (1). The control panel is of touch sensor, please keep the panel assembled against direct spray or watering in case of abnormal operation of panel or system locked;
- (2). Please touch press keys point to activate the relative functions;
- (3). The panel is characteristic of spray-proof, when system detected malfunctioned, the instant touch is response no function and system locked, in the case of this symptom, please stop touch a moment when the panel restore activation and you can restart the functions.

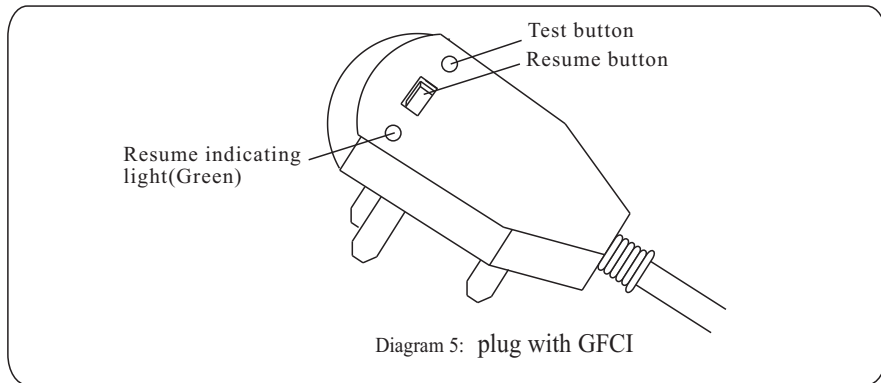
4.2. Operation of keys

A. Power on/off

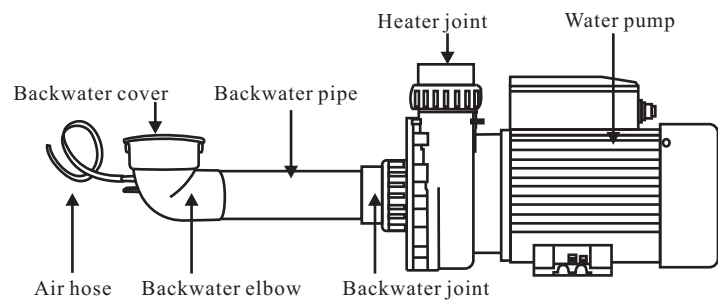
- 1). Standby : When system shuts off and under standby mode, the infrared indicator lamp is on.
- 2). Power on: Under standby mode, press touch the key for 1.5 seconds, the infrared indicator lamp lit. Touch the key  in 10 seconds to turn on power and indicator lamp is lit, LCD displays current bathtub temperature, and the default power off time is 1 hour. Under the power on mode, if there is no activation on any function key , the indicator light shuts off and system enter into standby mode. In the duration of lit indicator light, touch power on/off key  to turn on or shut power.
- 3). Power off: Under the power on model, touch power on/off key  to shut all functions and indicator lamp lit for postponed 10 seconds. In the duration of the postponed 10 seconds, you can touch power on/off key  to turn on power again.

B. Water pump/Bottom lamp/O3 disinfection

- 1). Under the power on mode:
Before water pump turns on, as the water is above standard water level, touch the key, the key  is lit and both water pump and bottom lamp is on ; If the water is inadequate, the key  is lit and both water pump and bottom lamp is off.
- 4.1. After water supply is on and general water valve in bathroom is on, you can chose to turn on cool or hot water switch , and by adjust the flow of cool or hot water switch , you can get inlet water temperature you like.
- 4.2. By turn left or right you can chose the water flow out from jet or shower ,normally the shower hose is 1.5m long , you can extend the shower hose for shower at any position in bathtub. Remember to put shower as it were when you finish bath, and remember to shut the cool or hot water switch before you leave home.
- 4.3. Remember to clean the shower jets frequently before you take a shower.

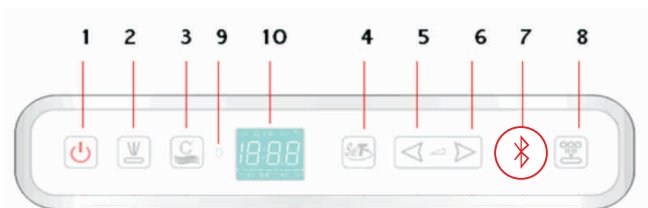


Structure of safe backwater

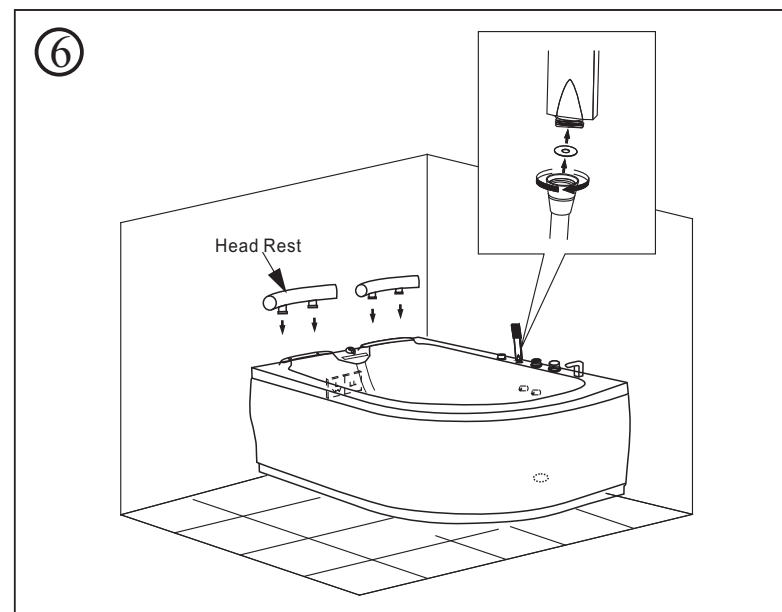
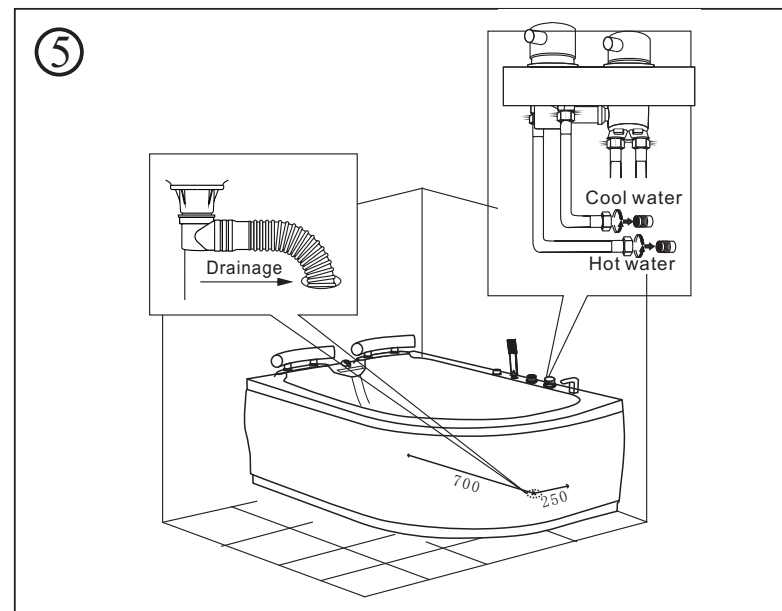


Operation of computer control

Control Panel H103



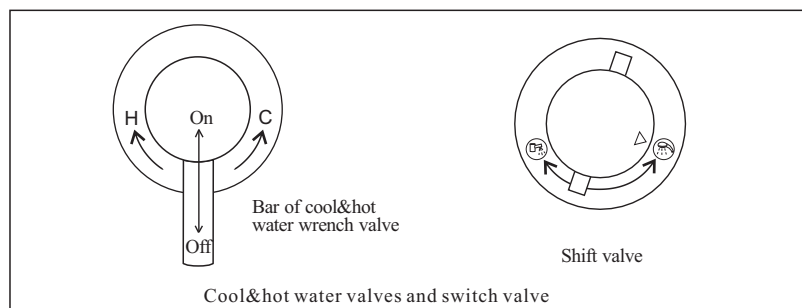
- | | |
|--|-----------------------------|
| 1. Power on/off | 6. Parameter + |
| 2. Water pump/Bottom lamp/ O3 disinfection | 7. Bluetooth/ |
| 3. Heater | 8. Air pump key |
| 4. Parameter set | 9. Standby indicator lights |
| 5. Parameter - | 10. LCD |



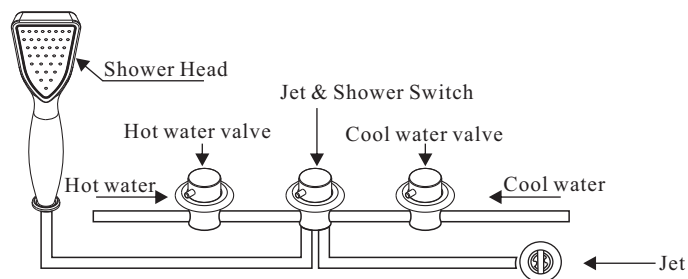
Operation of water and electrical parts

1. Water valve and supply

- 1.1 Turn on the general cool&hot water valve in the bathroom.
- 1.2 Make the water overflow by pulling up the bar of the cool&hot water wrench valve; turn it left or right to adjust the water temperature.
- 1.3 Turn the shift valve left or right to select water overflow from faucet or shower tap, left is shower tap, right is faucet(some models without faucet, which is connect to water pipe cycle system, the water will overflow from nozzle).
- 1.4 Diagram of cool&hot water valves and switch valve.



1.5. Structure of shower sets



2.0 Operation of computer control

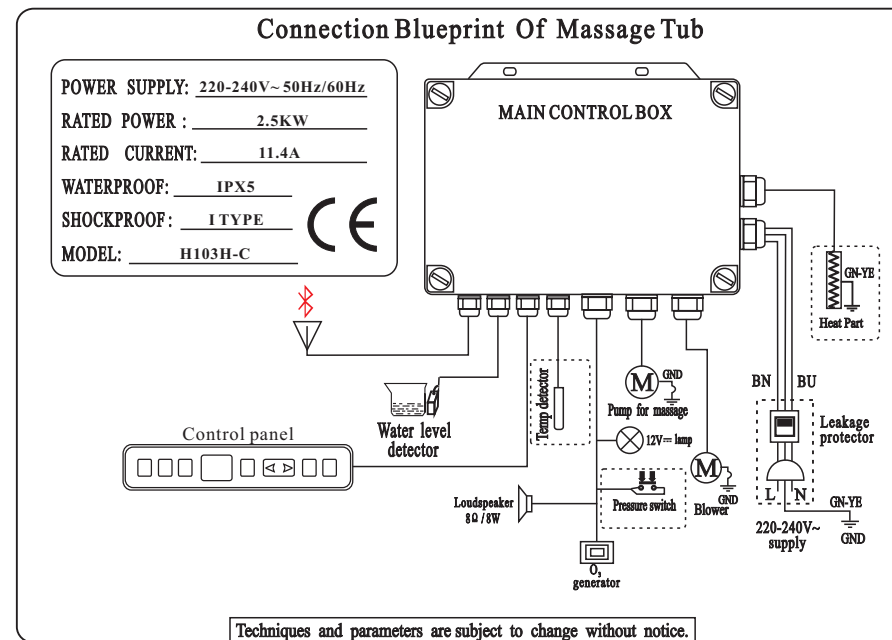
2.1 Diagram of control panel

:POWER

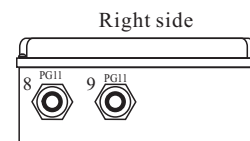
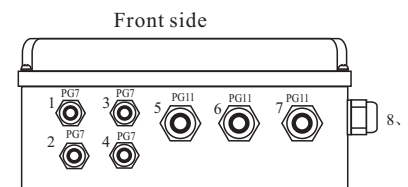
Touch press power key to start panel, LCD flashed, current water temperature and bathing figure sign shows, in 45 minutes, system shuts off automatically, you need to restart the system by pressing the POWER key. Press MEN key as the Timer sign shows on LCD, press Tun+/- key to adjust timer from 1-99 minutes.

Wiring and operation of computer

1. Wiring of power box



2. Wire terminals diagram of power box



- 1-PG7: Bluetooth
- 2-PG7: Water level sensor
- 3-PG7: LCD
- 4-PG7: Temperature sensor
- 5-PG11: O₃ Speaker ON/OFF Bottom lamp
- 6-PG11: Water pump
- 7-PG 11: Air blower
- 8-PG11: Power cable
- 9-PG11: Heater