

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

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

*GAT Intelligent Sanitary Ware*



Massaging Bathtub

Manual

Dear user :

Thank you for your choosing GA series of massage bathtubs, which are controlled and using selected component parts. It sources from personality and unique for people.

Please read carefully this 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 tested.
- 4.There is no electrical parts which can be repaired by user themselves, do not unpack the electrical parts by yourselves if this product do not work. You should inform the dealer to check and repair it. We would not be liable for the electrical parts otherwise user unpack by themselves.

## Contents

Caution.....	1
Maintenance.....	1
Features of GA series Computerized Whirlpools .....	2
Installation .....	2-3
Operation of component parts .....	4-6
Wiring and operation of computer .....	7-10
Troubleshooting .....	10
Memo .....	11

## 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 water pump;
- 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, 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.

## Maintenance

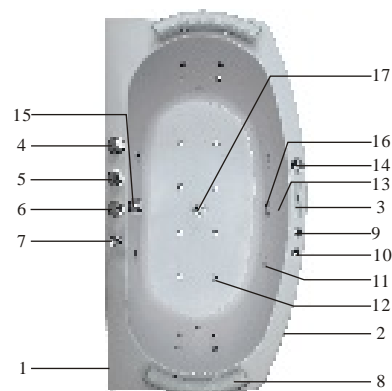
- 1.Keep the acrylic surface of the shower panel from crashing by a sharp edge. If the surface is crashed or there is some blot which cannot be removed by scrub, using #500 sand paper to polish it and apply some toothpaste on a soft cloth to wipe it.
- 2.Using special cleanser to clean-up the shower 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 of GA series Computerized Whirlpools

## 1. Technical parameters.

Power Supply Parameters						Water Parameters			Piping Diameter	
Power Supply Voltage	Frequency	Control Voltage	Power			Water Supply Pressure	Working Pressure	Water Flow Volume	Cool&Hot Water Supply	Drainage
			Water Pump	Air Blower	Heater (Optional)					
AC220V	50HZ /60HZ	DC12V	0.75KW /1.1KW	0.35KW	1.5KW	≥0.2MPa	0.2~0.4MPa	8~10L/min	φ 15	φ 60

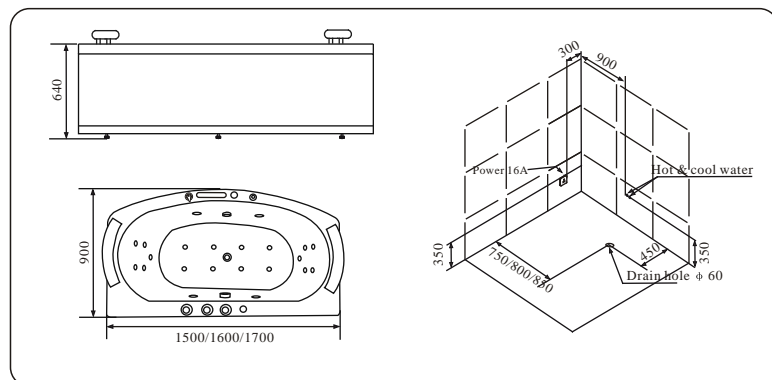
## 2. Feature



1. Bathtub
2. Integral Apron
3. Control Panel
4. Cool Water Switch
5. Shower & Jets Switch
6. Hot Water Switch
7. Hand Shower
8. Elevated Pillow
9. Air Adjustor1
10. Air Adjustor2
11. Water Jet
12. Air Jet
13. Level Detector
14. 3-Way Shifter
15. Backwater
16. Bottom Lamp
17. Drainer

## Installation

## 1. Diagram of water and electricity



## 2. Installation Procedure

## 2.1 Locate the bathtub

- Unpack and connect the drain hose to the water spout. To ensure the fluent drainage, do not curve the hose and the underground length in waterspout should be over 10cm.

- Adjust the feet of bathtub to make it even and tighten the bolt and nut.

- Apply silicone sealant on the rim of bathtubs and wall to against leaks.

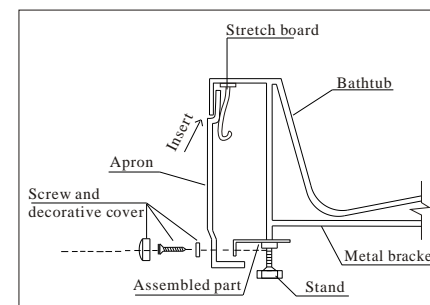
## 2.2 Water connection

- Connect the cool&hot water pipe to the cool&hot water supply in the bathroom. You should place a general switch valve at an easy-operationed place.

## 2.3 Electrical connection

- All the electrical parts of the bathtub were installed by manufacturer before ship to user. Don't cut or modify the electrical connection. Don't unpack the electrical parts during installation and operation.
- The power cable is 2 meter. User should place a proper electrical outlet on the wall which is 0.3~0.5meters over the floor and grounded the electrical outlet securely.
- To ensure safe operation, install a breaker on the wiring before placing the electrical outlet for the massage bathtub.
- Grounded the massage bathtub securely. (Mustn't grounded the wire onto the water or gas pipe).

## 3. Structure of apron

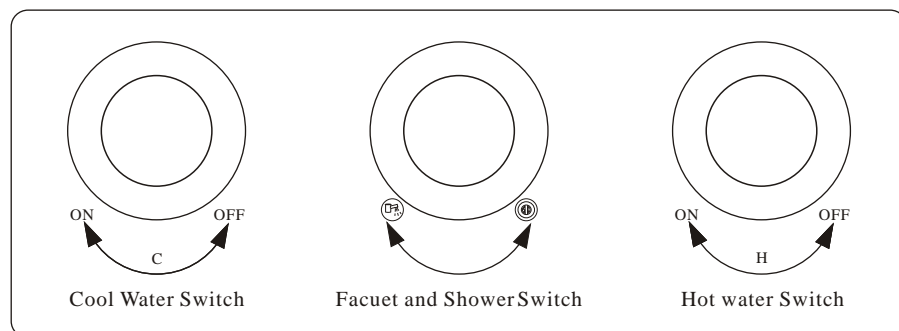


All apron parts are well installed before shipment, and the apron is integral parts with bathtub, please keep the all fastener tightly fastened and the decorative cover is well covered.

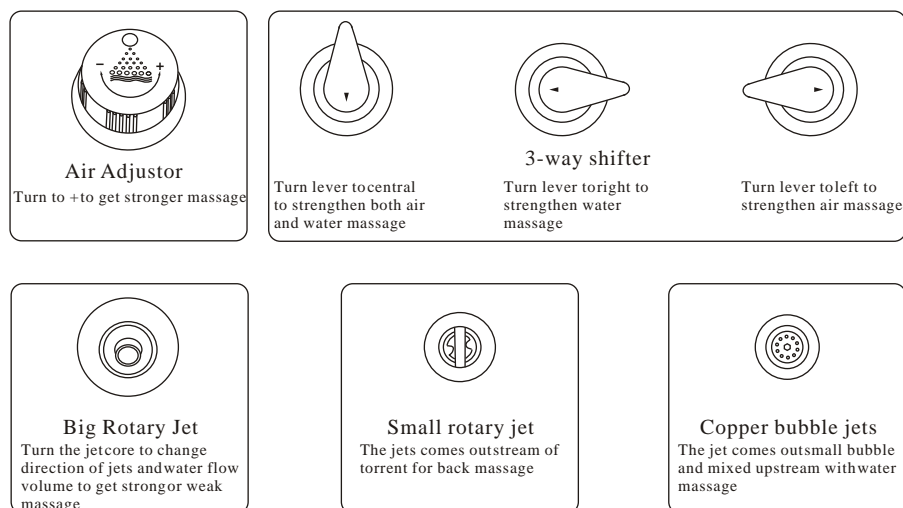
## Operation of component parts

### 1. Water supply and switches

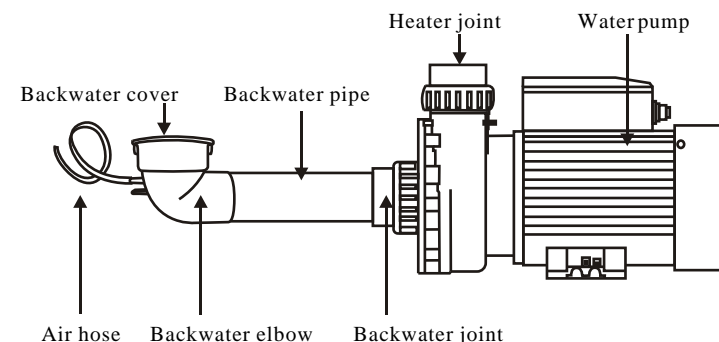
- 1.1 Turn on the cool&hot water supply valve in the bathroom.
- 1.2 Turn on the cool&hot water switch by turn to left to right to get your choice water temperature.
- 1.3 Turn the faucet and jets switch left or right to select water overflow from jets or shower.
- 1.4 Adjust the water temperature by adjusting the water flow of cool or hot water switch.



### 2. How to operate massage and jets

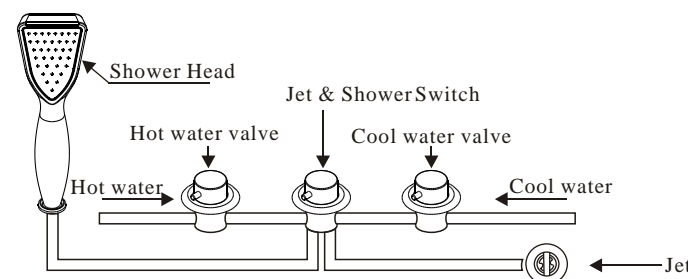


### 3. Structure of safe backwater



- 3.1. The backwatercover has many mini-mesh against bigger parts sucked into backwater pipe, and the cover is removable for purpose of blocks to be cleared up.
- 3.2. Under water pump on mode, in case of sediments of hair, dirt, soap, plastic or scums sucked inside backwater pipe, and to avoid the hair to be sucked, the water pump will automatically slow down and stop.
- 3.3. In the case of backwater pipe blocked, the water inside backwater elbow will overflow to pipe and air hose, and the water pump will stop and will restore operation in 1 minute or so after blocks removed; Under this condition, please kindly switch off the control panel and shut power supply, and take off backwater cover to clear dirty or blocks.

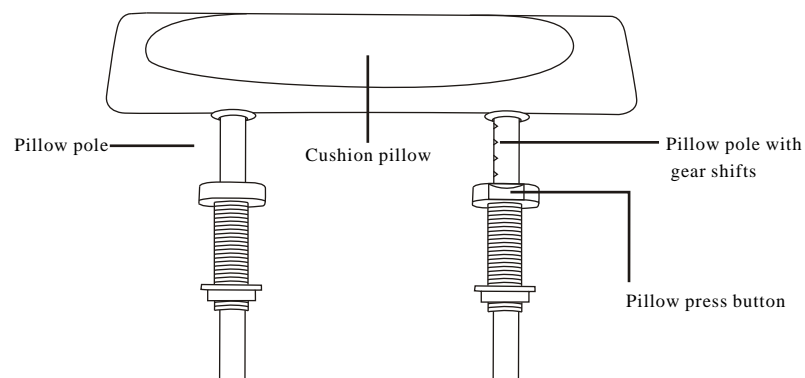
### 4. Structure of shower sets



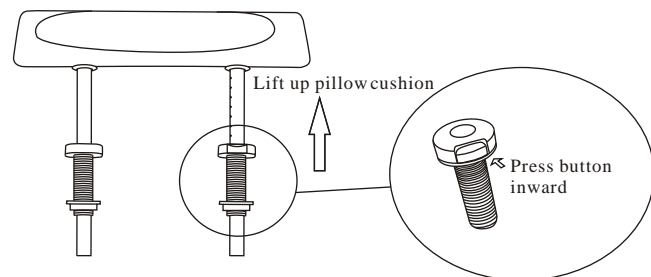
- 4.1. After water supply is on and general water valve in bathroom is on, you can choose to turn on cool or hot water switch, and by adjusting the flow of cool or hot water switch, you can get inlet water temperature you like.
- 4.2. By turn left or right you can choose the water flow out from jet or 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.

## 5. Operation of elevated pillow

### 5.1. Structure of pillow



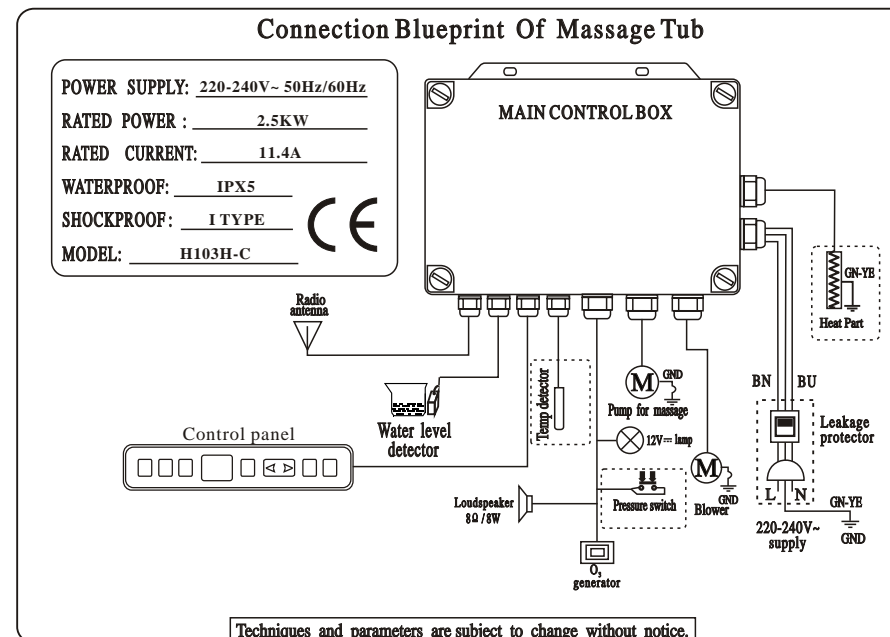
### 5.2 .Operation step



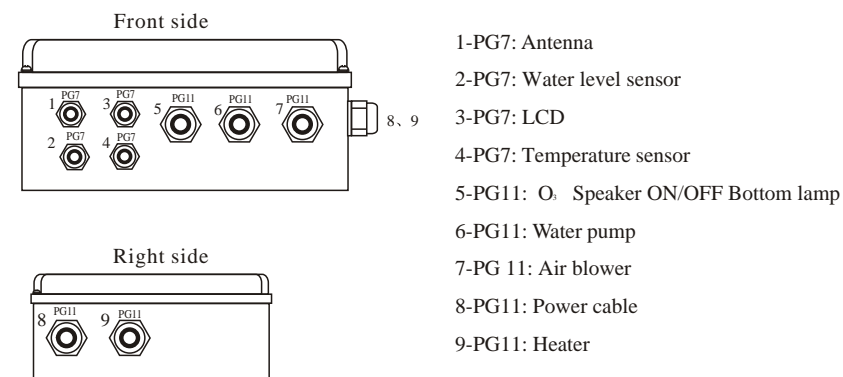
The elevated pillow assembled and fixed on bathtub at the lowest gear locks, as you lie your head inside cushion, you can press the adjust button by 1 hand to release button lock, at the same time lift up the cushion by the other hand, when you get the choice height for your head, set the button and lift cushion light to check if pillow pole locked.

## Wiring and operation of computer

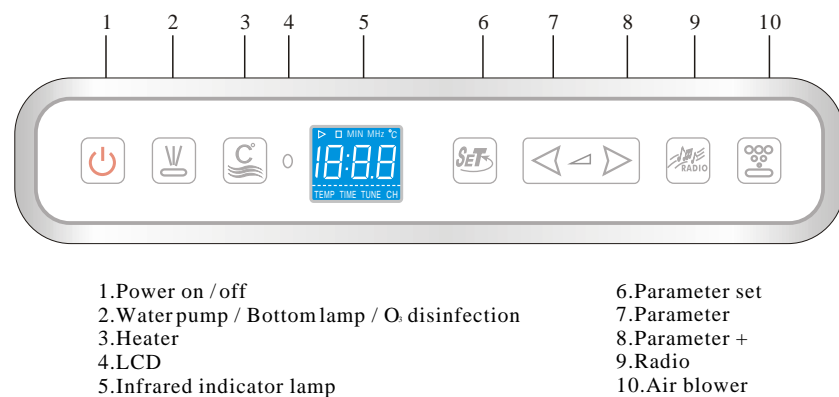
### 1. Wiring of power box



### 2. Wire terminals diagram of power box



### 3. Diagram of control panel



### 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/O<sub>3</sub> 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

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 O<sub>3</sub> disinfection and the key flashed until O<sub>3</sub> disinfection shuts in 15 minutes. after O<sub>3</sub> disinfection shuts, the key restore to lit mode and flashes once water is inadequate.
- 3). Under O<sub>3</sub> disinfection mode, if water is inadequate, the O<sub>3</sub> disinfection shut and will restore disinfection as water is adequate;
- 4). Under O<sub>3</sub> disinfection mode, press touch the key for 1.5 minutes to shut O<sub>3</sub> 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 shut 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

Under the power on mode: Touch the key 1<sup>st</sup> time to turn on radio and the key lit, LCD displayed the latest channel frequency and latest volume set; Touch the key 2<sup>nd</sup> time to shut radio and system will save the default channel and volume.

##### F. Parameter set and radio

Under radio on mode, touch the key , the system enter into below modes: channel set, frequency set, Heating temperature set, Air blower gears shifts set, volume set.

- 1). Channel set: Under channel set mode, LCD displayed CH figure flashed, see , touch the key or the key to set choice channel.
- 2). Frequency set:
  - (1). Under frequency set mode, LCD displayed figure TUNE flashed, see , touch the key or the key to set choice frequency. Press touch the key or the key for 1 second to enter into frequency automatic searching mode, as there is a effective frequency received, the search will pause and the channel is locked and operating.
  - (2). Channel saving : While an effective channel researched, press touch the key 1 second to save the channel and LCD displayed the channel no such as 10ch, press the key or the key to search the channel, press the Parameter set key to save the frequency to the next saved channel, by this way, you can save the channel 1 by one in turn ( the maximum channel saved is 10 ).

- (3). 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.
- (4). Airblower 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.
- (5). 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.

## Memo

## Troubleshooting

Symptoms	Problem Causes	Recommended Action
Indicating light on control panel doesn't work and whirlpool doesn't work	①、Power box disconnects to control panel	①、Connect the power box to control panel
No signal display on LCD and indicating light doesn't work	①、Power disconnects, no power to control panel	①、Turn on power
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、Replace bulb ③、Bulb overruns, it runs from 20W to 25W
Hydro function is not available	①、Water pump doesn't work ②、Pipe of Water pump is blocked ③、Water pump disconnects	①、Replace Water pump ②、Remove obstruction from pipe ③、Connect the wiring again
Water pump is 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
Radio effect is not good	①、Antenna is not spread ②、Antenna position is not proper	①、Spread antenna ②、Adjust antenna position
Heater failed	①、Water doesn't reach high water level detector ②、Water pump doesn't turn on ③、Heating protector broken ④、Heating part broken	①、Wait for water reaching high water level detector ②、Turn on the water pump ③、Replace heating protector ④、Replace heating part

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.