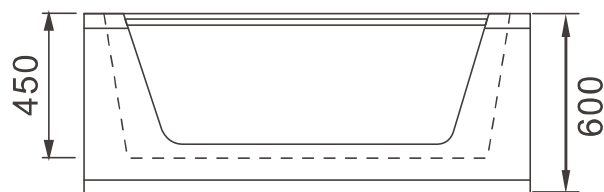
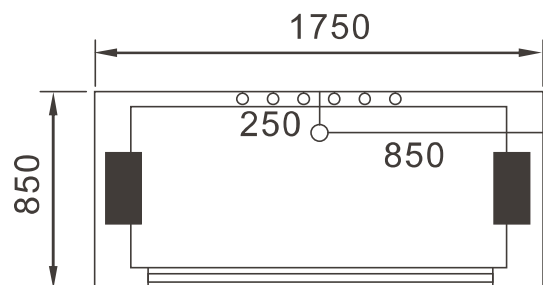


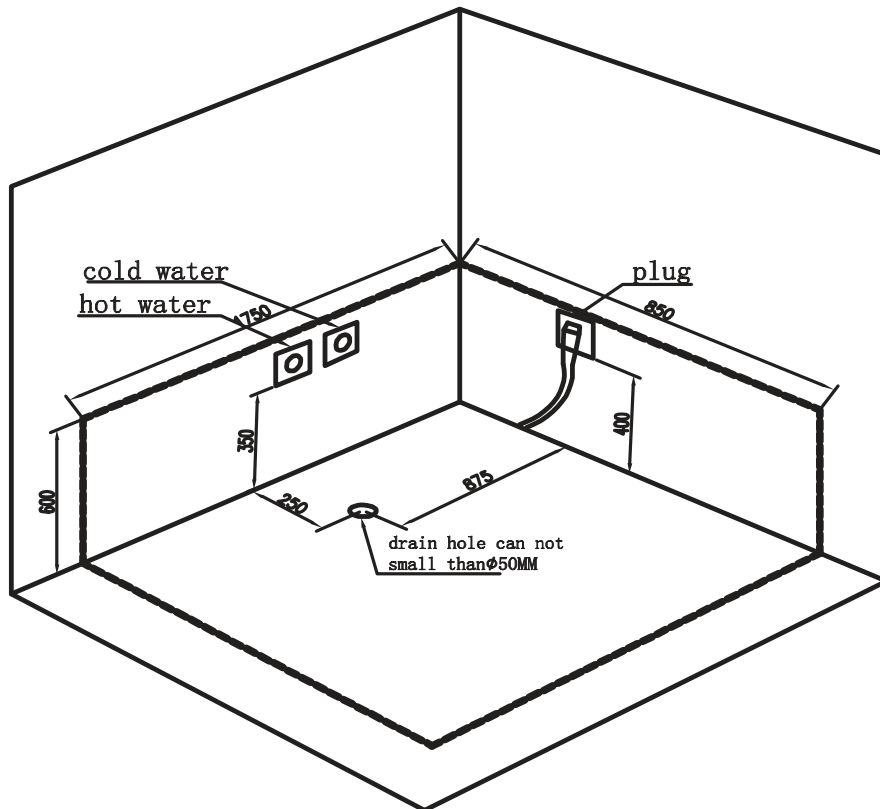
# A054 1750X850X600MM

## DIRECTIONS FOR USE AND INSTALLATION



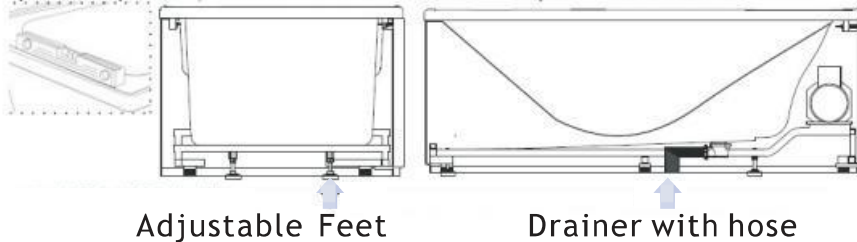


## Instllation Site



### HOW TO INSTALL THE TUB

- Be careful in the transportation in order not to scrap the product.
- Connect The drainer to the draining tube , a soft tube can be used If necessary.
- Adjust the support points ,make the tub horizontal.
- Ensure the distance between the wall and the apron of the tub is about 0.5cm, sealant should be used to fill up the aperture.
- Put down the apron of the tub ,the short apron first ,then the long apron .put the apron between the edge of the tub and the fastened plastic panel, install the ornament caps with screws .



Adjustable Feet

Drainer with hose

## 1. ELECTRIC INSTALLATION

### 1. Electric parameter

Rated voltage (V)	Rated frequency(Hz)	Pump power(W)
110	60	1000
220	50	1000

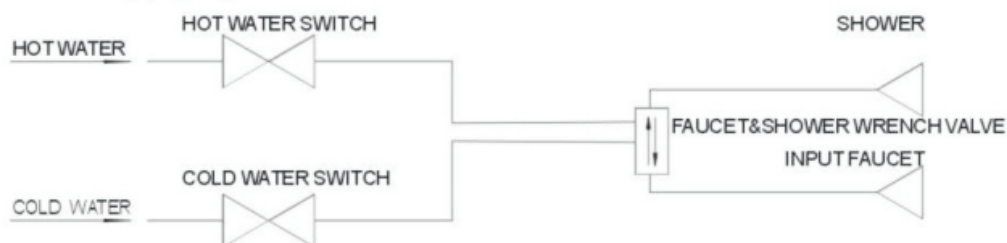
2. The power supply connected to the tub must be installed with anti-creepage switch. The circuit must be immovable and has good earthing. The area of the electrical wire must be more than 2.5 mm<sup>2</sup>. the power supply must be accord with the standards issued by the government .the earthing should be connected by the sigh on the bottom shelf. (the anti-creepage equipment is prepared by customer).

## 2.WATER SUPPLY

### 1. Tube installation

The water parts were installed in the factory ,so the input hot and cold water tubes should be connected to the right points of the tub, All the tie-ins should place at the back of the tub in order not to be seen.

### 2. Water supply figure

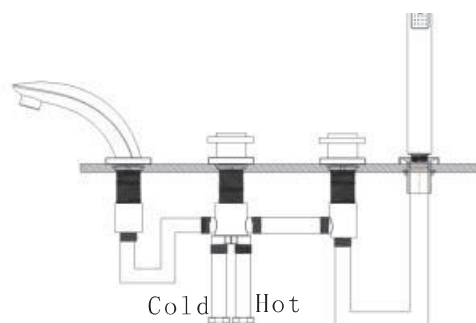


1 Cold/Hot Water Switch

→ Showe



Bubble pump system  
Water massage system



## I、 Safety



Danger symbol: This icon reminds the users that this product has dangerous voltage!



Warning symbol: This icon reminds the users that this product is enclosed with important operating and maintenance instruction!

### **【Warning】**

1. In order to prevent fire or electric shock accident, do not expose the controller to the rain or humid environment. There are dangerous high-tension fittings inside the controller, therefore do not open the cover. Entrust the repairing work only to the qualified professional repairing personnel when repairing is required.
2. Without the clear approval from the controller manufacturer or its authorized units, any change or alternation to this controller might bring various inconveniences to the users when in use.

### **【Attention】**

1. Please read this operating instruction manual thoroughly, so as to allow you to master the correct use of this controller.
2. After reading this operating instruction manual, please keep it safe and for reference in the future. If repairing is required, please contact the local dealer or the technical service center of our company.

### **【Notice for use】**

1. In case this controller is not used for a long time, please remove the power plug from the socket.
2. Before switching on the power, please make sure that all wirings and power cord have been connected accurately.
3. Please put this controller in a ventilated dry area. Prevent it from getting close to the heat source, put it away from direct sunlight, mechanical vibration, dampness and dusty environment, and prevent it from getting close to other thermal-radiating objects.

### **【Helpful suggestion】**

1. In order to prolong the service life of this controller, the time interval for continuously turning on and off the machine must be over 30 seconds.
2. Please switch off the power after use.
3. The power supply used must be consistent with the voltage specified value indicated on this controller; otherwise it will not work, or even burn out the controller.

4. When installing this controller, carefully check if the load parameters are consistent with the parameters required by this controller, otherwise it will not work, or even burn out the controller.
5. If it is halted accidentally, please close and restart.

## II、 Brief Introduction

### 1. General Description of Functions

FUNCTIONS		Model				
		PR9681-01	PR9681-02	PR9681	PR9683-01	PR9683
1.	LOCK	√	√	√	√	√
2.	PUMP	√	√	√	√	√
3.	BLOWER	X	X	√	X	√
4.	THEOMOSTATIC HEATING/ADJUST	X	X	√	√	√
5.	TEMPRETURE SENSOR	X	X	√	√	√
6.	LAMP	√	√	√	√	√
7.	FM DIGITAL TURNNING RADIO	√	√	√	√	√
8.	PLAY CD PROGRAM	X	√	*	X	*
9.	MP3	X	X	*	X	*
10.	LEVEL DETECTION	√	√	√	√	√
11.	OZONE	X	√	√	√	√
12.	CLEANNING	*	*	*	√	*
13.	REMOTE CONTROL	√	X	√	X	√

### 2. Controller System Including:

- 1) Control panel (1);
- 2) Control electric box (1) .
- 3) Remote (1) 【not for PR9681-02】 .

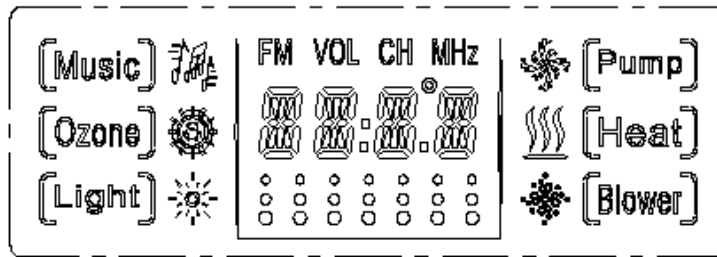
### 3. Characteristics of the Controller

- 1) Rated voltage : AC220V-240V
- 2) Working voltage range : AC200V-248V
- 3) Rated power : 50Hz/60Hz
- 4) Controllable current : <25A
- 5) Power consumption : <10W (all loads OFF)
- 6) Applied ambient temperature : +5℃ ~ +40℃

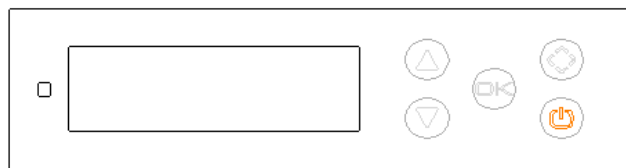
### 4. Devices controlled by the controlling system

- 1) Pump : AC220V/2HP
- 2) Thermostatic heating : AC220V/2KW
- 3) Blower : AC220V/1HP
- 4) Lamp : AC12V/20W
- 5) Ozone generator : AC12V/6W
- 6) Solenoid : DC12V/5W
- 7) Loudspeaker : 8Ω/10W

### 5. The LCD shows the following information



## 6. Schematic Diagram of control panel



Power switch



Choose upward



Function confirm








Choose downward





Function switch

## III、 Operation of Control Panel

- 1 The panel is with inducing function, the duration of the touch is about 0.5 s. When any function button works, there is a sound of “di...”
- 2 Power Switch  
Press “” to turn on the controller, lamp is turned on; press again to turn off the controller and turn off all the functions.
- 3 Lamp  
When the system is on, press “、” to choose the Light function, when cursor select “Light”, press “” to turn on the light, light icon on LCD blinks, press “” again to turn off the light, light icon stops blink.
- 4 Lock  
4.1 If no operation with the control panel for 1 minute, all the keys will be locked, “LOCK” displays on LCD; press any key for 3 seconds to unlock the keys.



---

## 5 Ozone

5.1 When the system is on, press “、” to choose the OZONE function, when cursor select “Ozone”, press“OK” to turn on the ozone, ozone icon on LCD blinks, press“OK” again to turn off the ozone, ozone icon stops blink.



5.2 Ozone function works for 10 minutes and then it will stops automatically.

## 6 Blower

6.1 When the system is on, press “、” to choose the BLOWER function, when cursor select “Blower”, press“OK” to turn on the blower, Blower icon on LCD blinks, press“OK” again to turn off the blower, blower icon stops blink.

## 7 Pump

7.1 The water checking device of this controller protects the water pump from burning out.



7.2 When the system is on, press “、” to choose the PUMP function, when cursor select “Pump”, press“OK” to turn on the pump, pump icon on LCD blinks, press“OK” again to turn off the pump, pump icon stops blink.

7.3 When the water level lowers than the setting value, pump will not work.

7.4 When the pump is working and the water level sensor checks the water level lower than the setting value, pump stops working automatically, pump icon on LCD blinks. If any time the level sensor checks the water level achieves the setting value, pump will work automatically.

## 8 Thermostatic Heating

8.1 This function works only when the water pump function is on.

8.2 When the system is on, press “、” to choose the HEAT function, when cursor select “Heat”, press“OK” to turn on the heater:

8.2.1 2 Thermostatic heating function starts or stops according to the temperature (the temperature that the system defaults is 37°C):

Controlling rule is as follows:

If the temperature  $\geq$  setting temperature+1°C, stop heating;






If the temperature  $\leq$  setting temperature -1°C, start heating.

8.3 Press “OK” again to turn off the heater.












---


## 8.4 Temperature adjustment

- 8.4.1 When the thermostatic heating function is on, press  till temperature value blinks, then press "" or "" once, temperature shall be increased or decreased 1 °C; if press "" or "" over 2 seconds, temperature will increased or decreased at the speed "1°C/0.5 s"; without any operation for 5 seconds, LCD will display the water temperature.
- 8.5 Temperature setting range: 30°C—45°C.
- 8.6 When the temperature sensor error, LCD shows "E1" and the buzzer sounds: di...di..., thermostatic heating function will not work.





## 9 FM digital turning radio




- 9.1 The FM frequency scope is 87.5MHz—108.0MHz.
- 9.2 When the system is on, press " , " till cursor select "Music", press "" to turn on the FM radio, LCD displays the present frequency and "FM"; then press "" again to turn off the FM radio, the present frequency and "FM" will not show on LCD.
- 9.3 When the FM radio is on, press "" till "FM" and "MHZ" on LCD blinks to adjust the frequency:
- 9.3.1 Press "" to increase the length of one step (the length of one step =100KHz): Press this button over 2 seconds, the system searches the radio stations of larger frequencies automatically; the digital phase locked loop will lock the FM station automatically and the LCD shows the present frequency, when it reaches to the limit of 108.0MHz, press this button again and the frequency jumps to 87.5MHz.
- 9.3.2 Press "" to decrease the length of one step (the length of one step =100KHz). Press this button over 2 seconds, the system searches the radio stations of smaller frequencies automatically; the digital phase locked loop will lock the FM station automatically and the liquid crystal shows the frequency of this station; When it reaches to the limit of 87.5MHz, press this button again and the frequency jumps to 108.0MHz.
- 9.4 When the FM radio is on, press "" till "VOL" on LCD blinks, then press "" to





---

increase the volume, press “” to decrease the volume. The adjust range is 0-20.





#### 9.5 Station storage/select




9.5.1 Station storage: when select the station frequency to be stored, press “” till “CH” on LCD blinks, then press “” or “” to choose the position to be stored (1-18,18 positions in total), then press “” the frequency shall be stored in the selected location, LCD shows the present frequency.

9.5.2 Station select: when FM function is on, press “” till “CH” on LCD blinks, then press “” or “” to select the stored frequency(1-18,18 positions in total).





9.5.3 When press “” to choose different functions, if no operation with “”, “” for 5 seconds, system will quit from the state, or press “” again to quit from the state.



#### 10 Play CD program.




10.1 When the system is on, press “” , “” till cursor select “Music”, press “” till LCD displays “CD”, CD function is turned on; then press “” again to turn off CD, “CD” will not show on LCD.

10.2 When the CD is on, press “” till “VOL” on LCD blinks, then press “” to increase the volume, press “” to decrease the volume. The adjust range is 0-20.

#### 11 Play MP3 program

11.1 When the system is on, press “” , “” till cursor select “Music”, press “” till LCD displays “MP3”, MP3 function is turned on; then press “” again to turn off MP3, “MP3” will not show on LCD.

11.2 When MP3 function is on, press “” to choose the next song, press “” to choose the previous song.

11.3 When the MP3 is on, press “” till “VOL” on LCD blinks, then press “” to increase the volume, press “” to decrease the volume. The adjust range is 0-20.

### IV、 Operation of Remote

- 
1. When any function button works, there is a sound of buzzer.
  2. The function button and operation is basically corresponding to those of control panel.
  3. Station storage /select on Remote
    - 3.1 Station storage: when select the frequency to be stored, press“ MEM ”for 2 seconds, “CH” on LCD will blink, then press “ MEM ”to choose the position to be stored (1-18,18 positions in total), then press“ MEM ”for 2 seconds, the frequency shall be stored in the selected location.
    - 3.2 Station select : when FM function is on , press “ MEM ” to select the stored frequency(1-18,18 positions in total), LCD will show the position No. and “CH”.

## **V、 Attention**

In order to guarantee the products function, prolong its lifetime and ensure the safety during using, please read the following items carefully before using:

1. The end user should carry on the load installation strictly according to the wiring diagram and parameters.
2. The ground wiring should be connected to the normal-running supply circuits, so as for the steaming.
3. The end user should use power supply cables in 3 x 3mm<sup>2</sup> or wider cable diameter. According to the National standards (GB). The socket should be of 30A or above according to the National standards (GB).
4. The end user should install air-break or leakage switch of 30A or above according to the National standards (GB).
5. Strictly check the power supply wiring of the control box. Power on to use only after no errors confirmed.
6. Please do not install the equipments of bad quality that manufactured by illegal factories to the steaming device; Disassembling, changing the fixed inner wiring or connect some wiring to the power box are forbidden.
7. The connection wire of power box should wire according to the specification, the output wires should connect correctly to avoid short-circuit.
8. After using, please cut off the power to avoid aging of the device.

- 
9. The installation of the controller should be carried out by qualified personal according to the installation manual.
  10. Do not try to repair of the modifier parts of the controller, and the high-voltage might cause danger. All the maintenance and repairing should be carried out by qualified personal.

For any consequences caused by wrong operation, the user should bear the responsibility.

## **VI、 Declaration**

1. Any maintenance or repairing should be handled by qualified maintenance personal authorized by the manufacturer or agent of this controller. Otherwise, the products cannot enjoy free maintenance and any results will be bore by the customer.
2. This manual is just for reference. If there are any changes or modifications on the design or explanation, please excuse for no further notice. If there are any mistakes or unclear points, the explaining right belongs to the manufacturer.

#### **4. OPERATIONAL INSTRUCTIONS**

1. Turn on the power
2. Turn on the cold & hot water wrench valve, make the temperature of the water comfortable. Faucet & shower wrench valve should be used to choose faucet or shower.
3. Do not push the air switch before the level of the water is higher than the height of the nozzles.
4. Air adjustor should be used to control the massage.
5. The effect of the shower can be changed by wrenching the shower.
6. After using the tub, push the air switch to stop the massage pump, turn the drainer to drain the water.
7. Turn off the power.

#### **5. CLEARANCE AND MAINTENANCE**

- A. Please use a soft and dry cloth to clean the tub and walls.
- B. The minor stains can be cleaned away with a soft cloth or a sponge and a neutral cleanser. Do not use nylon products, they may cause scuffs to your bathtub and your tub may get dirty easily.
- C. Please use alcohol to clean hard stains.
- D. If the caulking is worn, leakage will occur. Re-caulk at once.
- E. The following articles may cause physical harm and may damage the tub. Do not use them in your cleaning. Acid and alkaline solvents, medicine (e.g. hydrochloric acid), acetone thinner, solvents, polishers, Nylon brooms or sand paper.

#### **6. SECURITY INSTRUCTIONS**

- A. The electric installation must be done by a professional person.
- B. The power parameters must be accord with the standards issued by the government. And all the electric equipment should be waterproof.
- C. Cold water should be put in first, then put in the hot water, Do not turn on the tub before the water level reaches the nozzles.
- D. This series of tub use the power of 220V or 110V, the voltage must be steady, else it can not be used.
- E. Power must be off after finishing using the tub.
- F. The tub must have a rest after using an hour.

## 7.MALFUNCTION AND THE SOLUTION

Phenomenon	Cause	Resolution
Water pump not work	No power or anti-creepage Switch closed	Turn on the power supply and The antireepage switch
	The wheels of the pump are Blocked	Clean out the sundries
	Pump switch not pressed	Press the pump switch
	Pump malfunction	Repair or change pump
	Pipe of the air switch not connected well or leak air	Insert the pipe well
	Plus not insert or power supply not well	Insert the plus
Air pump not work	Power supply not well	Examine the circuit and insert the plus well
	Pipe of the air switch not connected well or leak air	Insert the air pipe well and examin air switch
	Air switch not pressed or bad	Examine air switch
Pressure of the massage can not adjust	Voltage not steady	Examine voltage
	Adjust switch not turn on or already turn off	Examin and change the switch
	Backwater is blocked	Clean out the backwater
Surface level not horizontal	Uphold adjustor not adjust well	Adjust uphold adjustor
Pipe is aleak	Sealing washer is bad	Change sealing washer
	Nut is loose	Screw down the nut
	The end of the tube not adhibit well	Make it adhibit well
Apron can not install properly	Adjust the screw position on the shelf	