

## SURFING BATHTUB Installaion&Operation Manual

**C011**

SIZE: 185X123X62cm

**C009**

SIZE: 175X84X63cm



CE ISO9001



**Constar**

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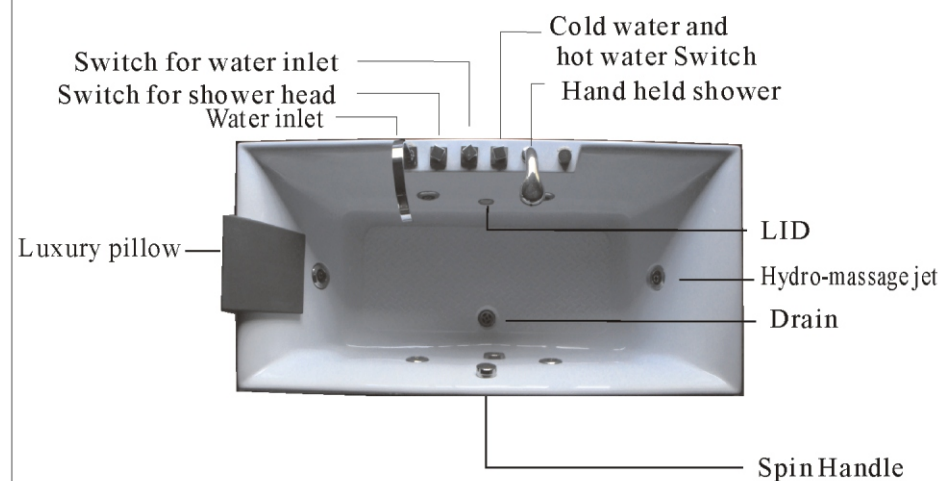
## (1) : Electric Installation

### 1. Electric parameter

Rated voltage (V)	Rated frequency (HZ)	Water-pump power (W)
230	50	750

2. Leakage protection switch must be amounted in the bathtub power supply, the power supply circuit must be fixed and well grounded. The section area of wire must not less than  $2.5\text{mm}^2$  and electric circuit must tally with national safety requirements which must be earth connection at earthing mark on the steel frame of bathtub(leakageprotection switch will be connected by users)

## (2) : Parts Name



### (3) : Water-supply Installation

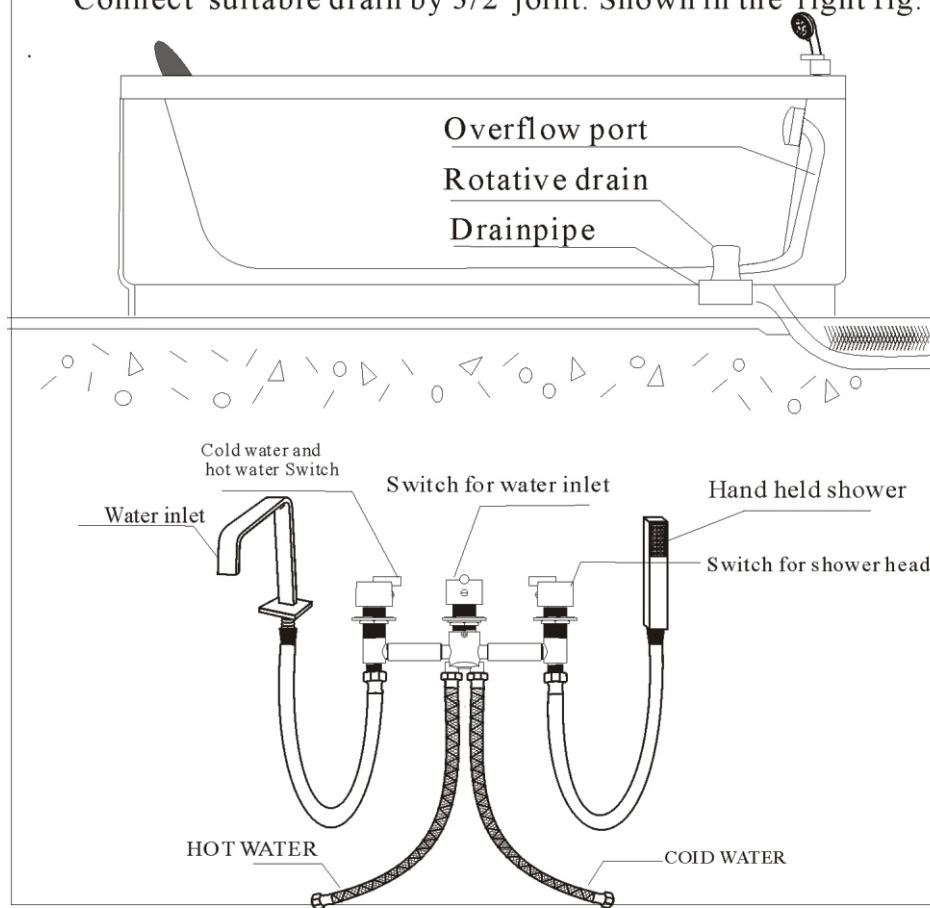
#### 1.Piping installation

##### A. Water supply

Before leaving factory the cylinder tube is connected . Users just need to connect the external cold & hot water hose to the responding pipe joint. Pipe joint should be amount at the hidden position behind bathtub

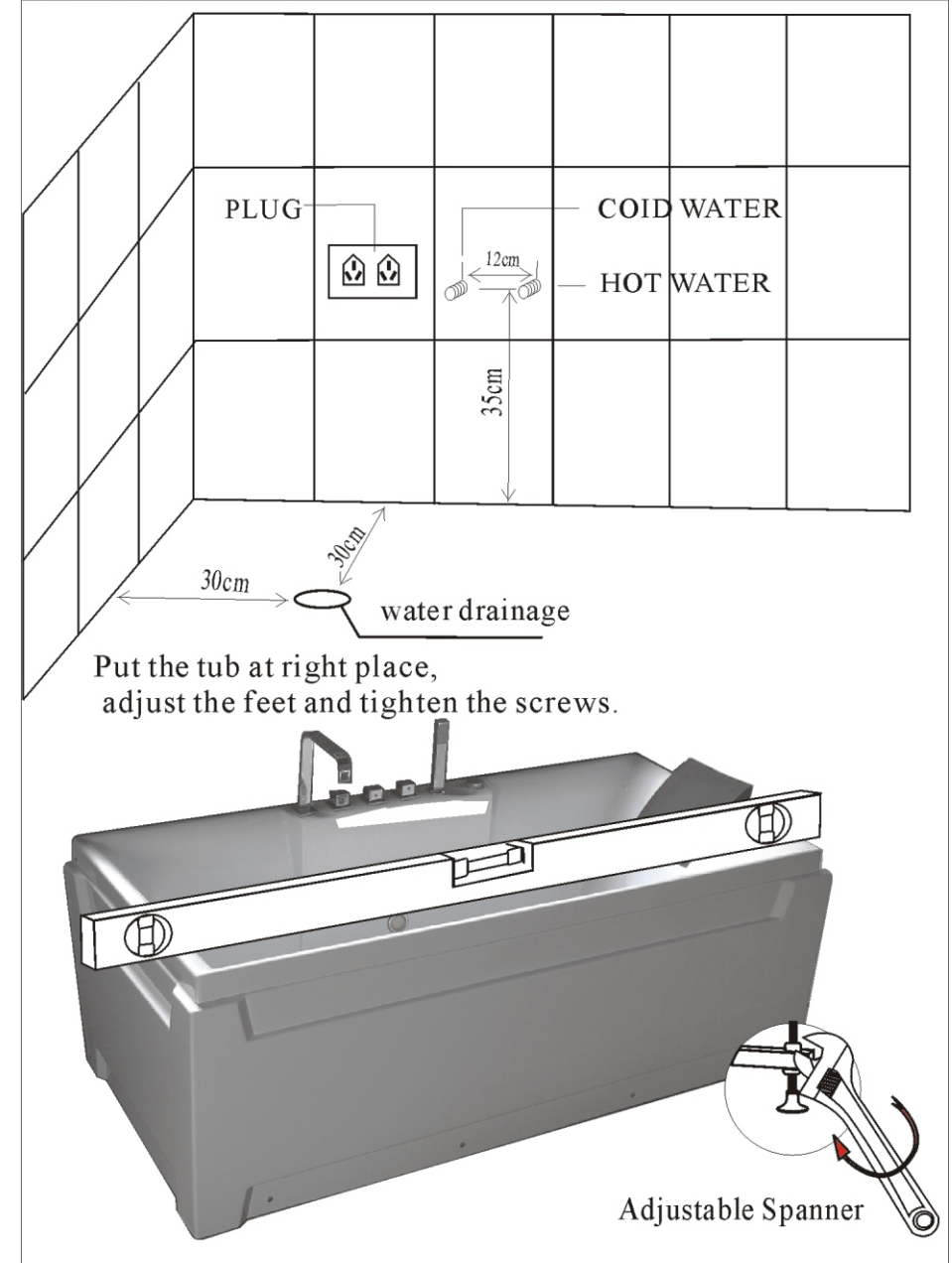
##### B.Water drainage

Connect suitable drain by 3/2 joint. Shown in the right fig.



(3)

### (4) : installation



(4)

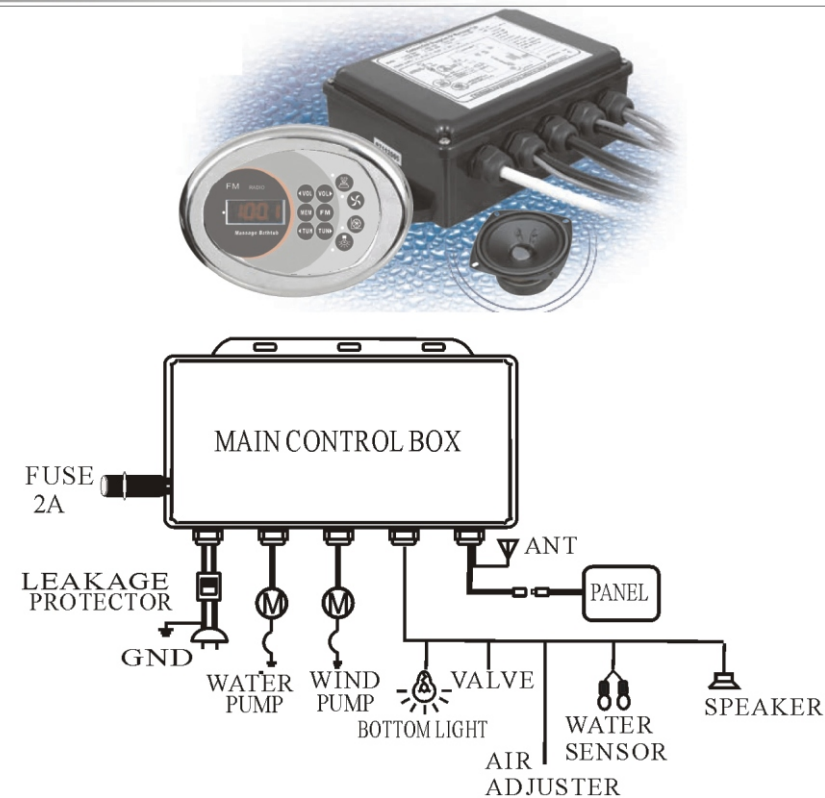


## 4, Installation procedure

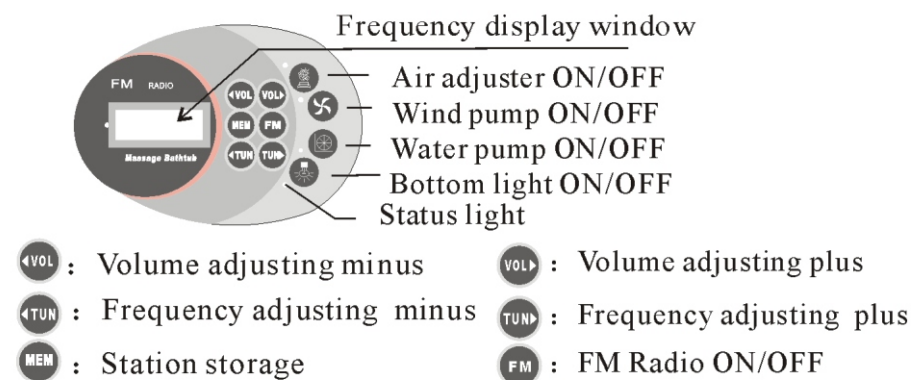


(5)

## (6). Schematic diagram of installation













## (7). Schematic diagram of the panel



(6)

## (8).Operation instruction and direction

- 1)  Bottom light ON/OFF button  
knob down,the light is on;repeat the operation,the light is off.
  - 2)  Water pump ON/OFF button  
when the water level is at the set position, push down the button,water pump starts to run ,or it don't run normally. If the water sensor is in the product,you can read the notes of user carefully.
  - 3)  Wind pump on/off button  
when the water level is at the set position, push down the button,wind pump starts to run ,or it don't run normally.
  - 4)  Air adjuster ON/OFF button  
Push down the button,air adjuster starts to run,repeat the operation,it stops running.
  - 5)  FM radio on/off button
-   Volume adjusting minus and Volume adjusting plus button.
-   They can select mem channel when mem key is on the select station state.Or on the mem store state.They can turn the radio step by step when they are pressed fora shat/long time.They can search the station when they are pressed fora shat/ long time
-  It can select mem channel when press fora shat/ long time.It can store station state when pressed fora shat/long time ,And it can store station when it is pressed again.And it can storestation when it is pressed again.
- 6)Outlet valve control  
It will outlet water for 3 minutes to 10 minutes.When it detects the anhydrous state from thehaving water state.  
Notice: When the corresponding fuctions are on, their statu lights are on immediately.

## (9).Run environment

- |                      |                      |
|----------------------|----------------------|
| 1)POWER:AC220V       | 2)Bottom light:AC12V |
| 3)Heater :AC 220V    | 4)Valve:DC12V        |
| 5)Air adjuster:DC12V |                      |

## (10).Notes

- 1.Please read the instruction carefully before install bath tub,so that youcan do it effectively .
2. User should pay attention to the high-voltage on products which marked signs, Don' t touch their locations, ensure Personal safety;
3. Don't expose the controller to the moist or hot environment to prevent fire or electric shock.Please towel the controller after using it.
4. Please keep water clean, no solid debris left .Otherwise, it will jam the backwater and the pipeline,resulting in damaging equipment or fittings. If jam happened, please turn off the power to clean debris immediately,then restart it.
5. Please do not pull any output lines, beat or throw the equipment at random , Otherwise crusts orinner parts would be broken.
6. Don't open the cover of the controller for there are dangerous parts in allowed for maintenance. it .Onlyqualified servicemen are allowed to maintenance.
7. The used power supply must be in line with the specified voltage value shown on the controller , otherwise it is not allowed to be used even burns out the controller burns out the controller.
8. The intervals of continuous power on and off must be over 30s for extending the use life of the controller.
9. Please do not plug or pull the control panel with electricity, otherwise the devices will be damaged or abnormal conditions will appear.At that moment ,turn off the power in seconds, restart it.



10. Please insert fittings (such as: light, speaker, valve ozone sterilization, water pump, wind pump, steam generator, etc.) Into corresponding output ports of equipment correctly, otherwise it will damage and cause danger.
11. When the O3 is on, Other key will be no action except for the power key. you can open other functions after restarting the controller, during the operation, O3 doesn't run.
12. When water sensor is in the state of water scarcity or doesn't reach the standard level, It's prohibited to open water pump, wind pump or Heater. (if the product can detect water level.)

### (11). Solutions of basic problems

1. Q: Why do water pump, wind pump or thermostat heating not run?  
A: Please check whether there is any equipment with water level, if so, please check whether the water sensor connects water is well, if not, please stop using it, then you can contact with my company staff.
2. Q: Press lights, ozone, speakers, fan, air-conditioning and other functions, but why don't they start to run?  
A: Check whether the plug-in terminals connect each other well; if lights and ozone sterilization still fails to run, please turn on the fuse and ensure it has blown out, please contact with my company staff.
3. Q: If speaker is voiceless, why is that?  
A: Please open the FM radio, check whether the volume button on the panel has been increased. If not, you can contact with my company staff. Reference to the following reasons: Speaker's terminal connection badly; Internal chips had burned out; the corresponding relay is open; the Speaker is broken.
4. Q: If there is little FM radio program received or sound effect is bad, why is that?  
A: Please check the location of the antenna, release antenna or to remove it to another appropriate location.

### (12). Cleaning & Maintaining

1. Cleaning with liquid scour and soft cloth. Caution: acetone, ammonia, carbinol, formyl, formaldehyde etc are forbidden.
2. If there are some scratches on the surface, polish them with 2000# sandpaper, then plaster some toothpaste and use soft cloth to keep the whirlpool shining.
3. Exterior furring can be removed by acid scour and soft cloth, you'd better use hot citric acid vinegar to clean.
4. If you find the overflow and drain are blocked by dirties, screw it off and clean.
5. Gold and chrome finished accessories don't need much wiping.
6. Don't clean the bathtub with rough tools or detergent with chemicals solvents.
7. When you finish using the bathtub, drain and power off.
8. Don't hammer and carve the bathtub with blunt object or something very sharp.
9. Filling the whirlpool fully with 40°C warm water for whole whirlpool clean, mixed with 2g scour and start the massage power for 5 minutes, switch and drain, then filling cold water fully and start the massage power for about 3 minutes, drain and whirlpool clean finished.

#### Safety Guide

1. Whirlpool should be installed by professional worker, otherwise we would not be responsible for it.
2. Electrical source parameter should be in accordance with national standard, such as including leakage protection switch. Pay attention to the switch, the electric outlet and the electric wire are all waterproof.
3. Don't use too hot water, and obey the rules: cold water first, hot water next. Don't power on unless the water covers the jets.
4. 220V is the standard voltage for the bathtub. Don't power on if the voltage is 235V or 190V.
5. Make sure power off after using the bathtub.

### (13).Trouble Shootings

Trouble	Cause	Remedy
Water pump doesn't work	1.Power is not on and leakage protection switch is off	1. Turn on power and leakage protection switch
	2.Dirt block the pump vane	2. Remove dirt
	3. Pump switch is not on	3. Turn on pump switch
	4. Water pump damaged	4. Repair or replace pump
	5. Air pipe and switch loose or leakage	5.Fasten air pipe and check air switch
	6. Power plug loose	6.Plug power plug
Air pump doesn't work	1. Power isn't normal	1.Check power circuit and plug power plug
	2. Air pipe and switch loose or leakage	2.Fasten air pipe and check air switch
	3.Air switch is off or damaged	3.Check air switch
Massage force can't be adjusted	1. Voltage is not normal	1.Check voltage
	2.Adjusting switch is off or damaged	2.Check adjusting switch or replace it
	3.Backwater hole is blocked	3. Clean backwater hole
Bathtub isn't horizontal	1. Supporting leg don't adjusted well	1.Adjust supporting leg
Water leakage out of pipe	1.Seal ring damaged	1.Replace seal ring
	2. Nut isn't locked	2. Lock nut
	3.Bad sealed between interface	3. Keep well glued between interface
Apron doesn't well installed	Adjust apron support aimed at apron screw position	