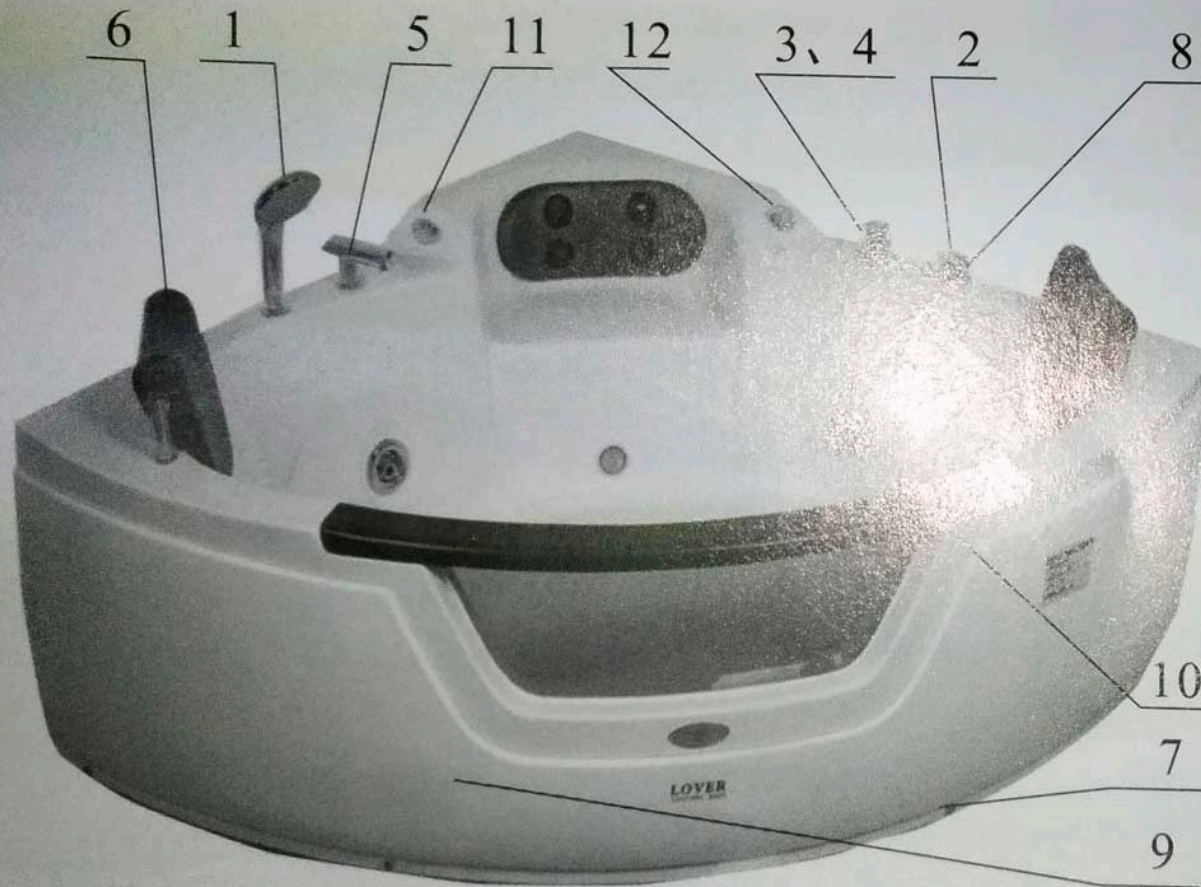


I . Name of Parts



- 1.shower
- 2.conversion valve
- 3.cold valve
- 4.hot valve
- 5.waterfall
- 6.pillow
- 7.decoration cap
- 8.massage nozzle
- 9.skirt plate
- 10.return valve
- 11.air conditioner
- 12.pneumatically operated switch

II. Water Supply Installation

1. Pipeline Setting Method

a. Water Supply

Water in the bathtub had been connected before leaving factory, users only need to join cold, hot tubes with relevant water pipe or tie-in separately. Tie-in should be installed in the shadow which is behind the bathtub.

b. drainage

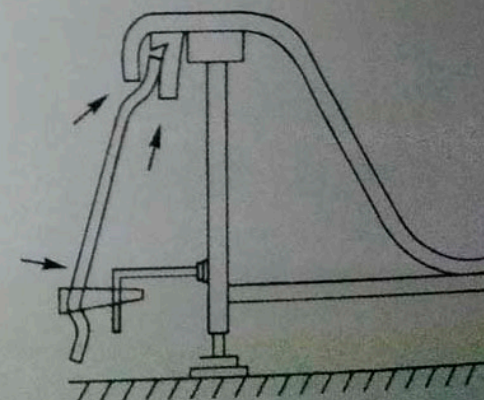
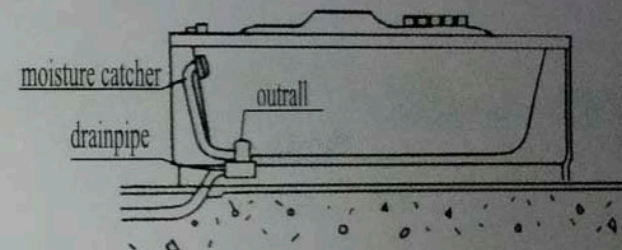
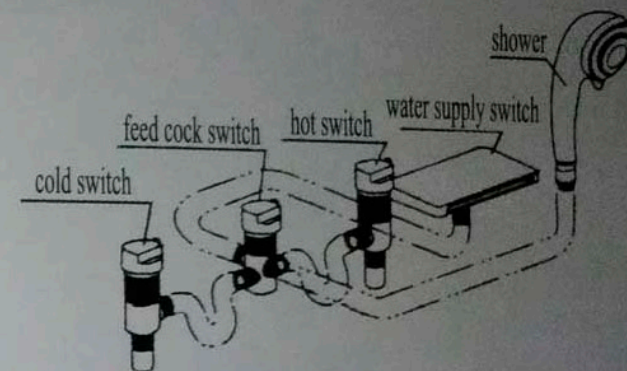
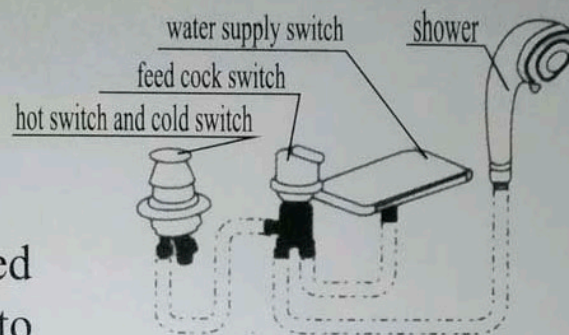
Connecting the bathtub drainage to suitable collector nozzle by 2/3 tie-in through tube, shown as the right picture.

2. Installation and Fixation of Massage Bathtub

a. Please move and put carefully to prevent to be impacted and scraped when installation.

b. Connect the moisture catcher of massage vat with downcomer, if there is any warp in the connection of scupper place and bathtub falling water, you can choose tube to connect.

c. Adjust supporting feet, making the plane of bathtub keep horizontal position.



d.The distance between the edge of bathtub and wall is about 0.5cm,the aperture should be filled up and fixed by glass cement.

e.Finally please install the skirt plate of bathtub according to the picture,do the opposite operation for dismantling the skirt plate.The installation of the skirt plate is installing the short skirt plate first,then installing the long skirt plate.Firstly cutting the skirt plate between the edge of the bathtub and the fixed plastic plate,then wrest the screw and decoration cap by leveling the decoration helicoids to the screw hole of the skirt plate supporting rack.

III. Method of Application

a.Turnon the main switch.

b.Screw the cold and hot switches and mix the temperature to a suitable one,choose the hydrant or shower to drain by transform the switch.

c.Press down the water pump and start the hydraulic massage only when the water in the bathtub reaches or is higher than the nozzle.

d.Adjust the strength of massage by air conditioning valve.

e.Adjust the spraying massage effect by circumgyrating the shower.

f.After bath,press the pneumatically operated switch of the waterpump,turn off the electrical engine,discharge the water in the bathtub by running the moisture catcher.

g.Turn off the power.

IV. Cleaning and Maintaining

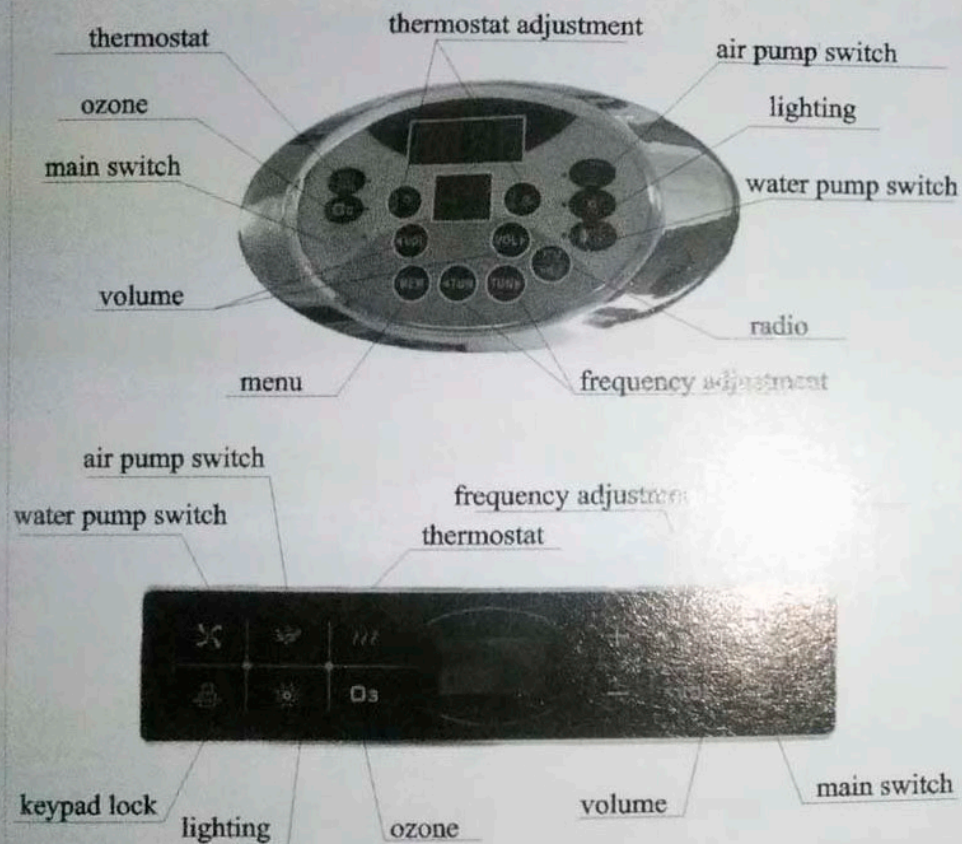
- a. The daily cleaning of massage bath can use soft cloth with common liquid scour, can't use sour with acetone or ammonia; and it's forbidden to use disinfectant with formic acid and formaldehyde when disinfecting.
- b. If there is any nick in the surface of bathtub, it only needs to burnish by 2000# prewashed sand paper, then wipe dentifrice, and it will be clean as new one after polished by soft cloth.
- c. Furring of the bathtub surface can be cleared up by soft cloth with light acidity acid after tepefaction, such as lemon juice, vinegar.
- d. The return valve and the nozzle can be screwed out to clean if there is something being jammed such as hair, etc.
- e. Gilt and chrome products needn't be cleaned frequently.
- f. Don't use shaggy appliance, cleanser with chemical solvents or grain to clean the surface of bathtub.
- g. Drain completely and turn off the power after bath.
- h. Don't knock at and score the surface of bathtub with hard or sharp matters, at the same time, prevent dog-end or heat source in hyper-100°C contacting the surface.
- i. Cleaning by water power fill in the bathtub with 40°C water, put into 2gram cleanser per litre, startup water power massage for about 3minutes, stop the pump and drain, then clean the bathtub.

V. Safety Guide

- a. The electro assembling of massage bath should process by the qualificatory electricians according to the specification.
- b. The parameter of electrical source should accord with the national standard, leakage circuit breacker should be installed for the stromanschluss and insure the ground cable is dependable. Take notice of the waterproof of switch, socket and plug.
- c. Don't use over hot water, please put cold water first, then put hot water. Don't start up till the water level is higher than the nozzle.
- d. This bathtub suits for the supply voltage of □ 220V □ 110V electrical power of □ 1kw □ 0.75kw the section of stromanschluss should not be smaller than 1.5mm. Power supply electric should be accord with the national security request, (leakage circuit breacker should be installed by the users) and should connect up protective earth in the symbol of the ground cable in the hob of the bathtub.
- e. Cut the power off after bath.
- f. We suggest bath time should be within 30 minutes each time.

- g. Parts containing live parts, except parts supplied with safety extra-low voltage not exceeding 12 V, must be inaccessible to a person in the bath;
- h. Earthed appliances must be permanently connected to fixed wiring;
- i. Parts incorporating electrical components, except remote control devices, must be located or fixed so that they cannot fall into the bath;
- j. The appliance should be supplied through a residual current device (RCD) having a rated residual operating current not exceeding 30 mA.
- k. Make sure that the wire is laid correctly.
- i. Make sure that the equipotential connection is done correctly.
- m. The means having a contact at least 3.0 mm separation in all poles that provide full disconnection must be incorporated in the fixed wiring in accordance with the wiring rules.
- n. If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.

VI. Illustration of Massage Bathtub in Computer



1. After open the main switch, choose music by musical key, receive the program by minitrim key, control the volume by volume key;
2. The on-off of the ligh is controlled by lighting key;
3. The massage movement is controlled by switch of water pump;
4. The air pump switch is affixation, the bubble bath can be used by installing an airpump; (this is an optional fuction)
5. Cut the electrical source in main switch.

VII. Faults and Solutions

Fault	Reason	Solution
The water pump doesn't operate	1.the electrical source has not been settled, the leakage circuit breacker is cut off	1.open the electrical source and close the leakage circuit breacker
	2.the impeller of water pump is locked by sundries	2.clean up the sundries
	3.hasn't press the switch of water pump	3.turn on the switch of water pump
	4.fault with water pump	4.repair or replace the water pump
	5.the air pipe connecting with the pneumatically operated switch is not inserted closely,air is leaking	5.insert the air pipe closely
	6.the power plug is not inserted or the power supply is deviant	6.insert the power plug closely

Fault	Reason	Solution
The air pump doesn't operate	1.the power supply is deviant	1.check the supply line and insert the plug closely
	2.the air pipe connecting with the pneumatically operated switch is not screwed down,the air is leaking	2.screw down the air pipe,check the pneumatically operated switch
	3.the pneumatically operated switch is not pressed or is broken	3.check the pneumatically operated switch
The strength of massage can't be adjusted	1.the pressure is deviant	1.check the pressure
	2.the adjusting switch is not open or is broken	2.check and replace the switch
	3.the return valve is jamed	3.clean up the return valve

Fault	Reason	Solution
The surface is uneven	1.supporting feet is not mixed up	1.adjust the supporting feet
Water pipes are leaking	1.the seal ring is bad	1.replace the seal ring
	2.the nut is not locked closely	2.lock the nut closely
	3.the joint cementing is bad	3.pay attention to the joint cementing
The skirt plate installation is uneasy	adjust the up,down,left,right of the bracket of the skirt border to aim at the screw hole of the skirt border	