

ARIEL

500 West Warner Avenue, Santa Ana, CA

ArielBath.com | AtlasUSA.net

Email: sales@arelbath.com | Phone: 1-714-622-1565

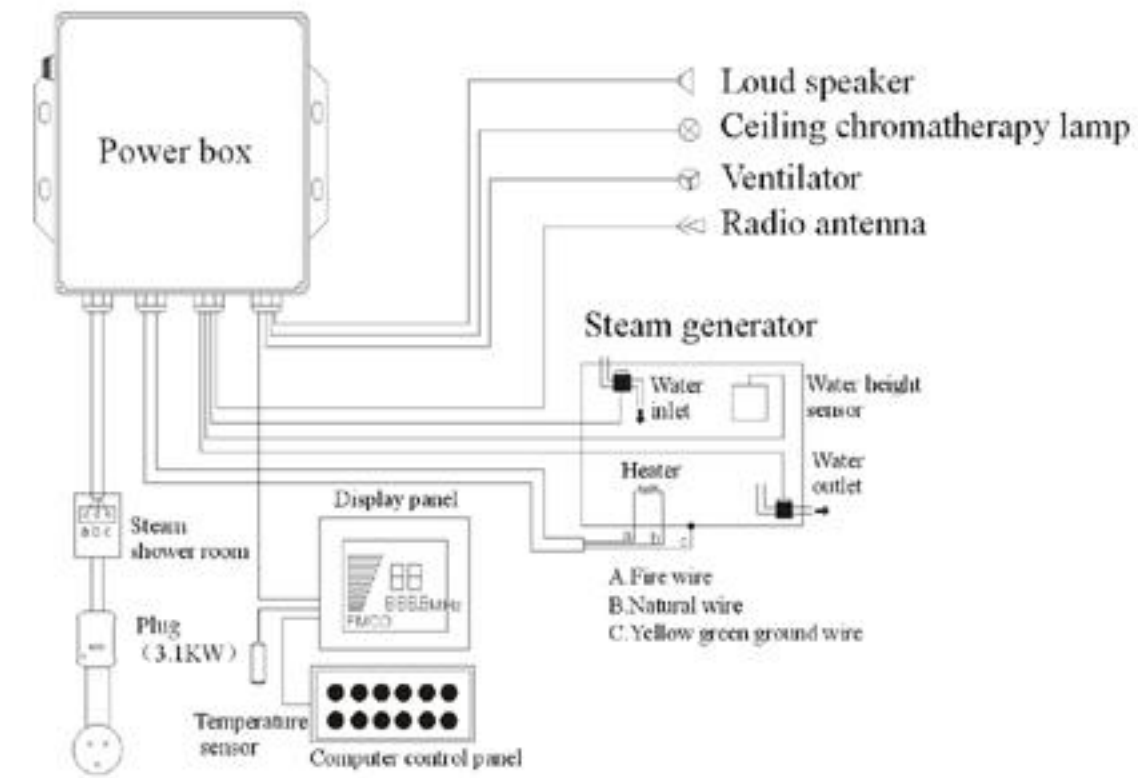
ARIEL

DA324F3 Installation Instruction

Safety Information

- 1.Product ground wire should be connected to permanent fixed ground wire.
- 2.It is prohibited to use this product under the influence of alcohol or hypnotic.
- 3.It is not allowed for children to operate this product without the supervision of adult.
- 4.Electrical components, except remote control, must be well placed and fixed so that they will never fall into the water.
- 5.Special Notice: Water temperatures can not exceed 60 degrees centigrade or 140 fahrenheit.
- 6.Do not use strong corrosive detergent (such as vitriol, hydrochloric acid, lye) to disinfect or clean the body of steam shower house.
- 7.Please read through this manual before usage and operate according to this manual.
- 8.The pump casing will be hot when motor working. To prevent being burnt by the steam, do not touch motor casing when motor is still running or just being stopped.
- 9.Before starting motor, please check and make sure the water supply level is over all the jets.
- 10.Don't let anything fall into or inserted into the opening of the motor and pump.
- 11.Don't modify the pump.
- 12.The diameter of ground wire shall be more than 1.5 square mm.
- 13.Caution: To prevent wire area has no electric shock, the ground outlet must be connected to GFCI/RCD (leakage circuit breaker)
- 14.Caution: To prevent electric shock, do not use extended wire. And the supply power socket must be located there.
- 15.Caution: To prevent being burnt by the steam, do not open the cover of the descale cleaning box during the motor is running.

Principle of the electric installation



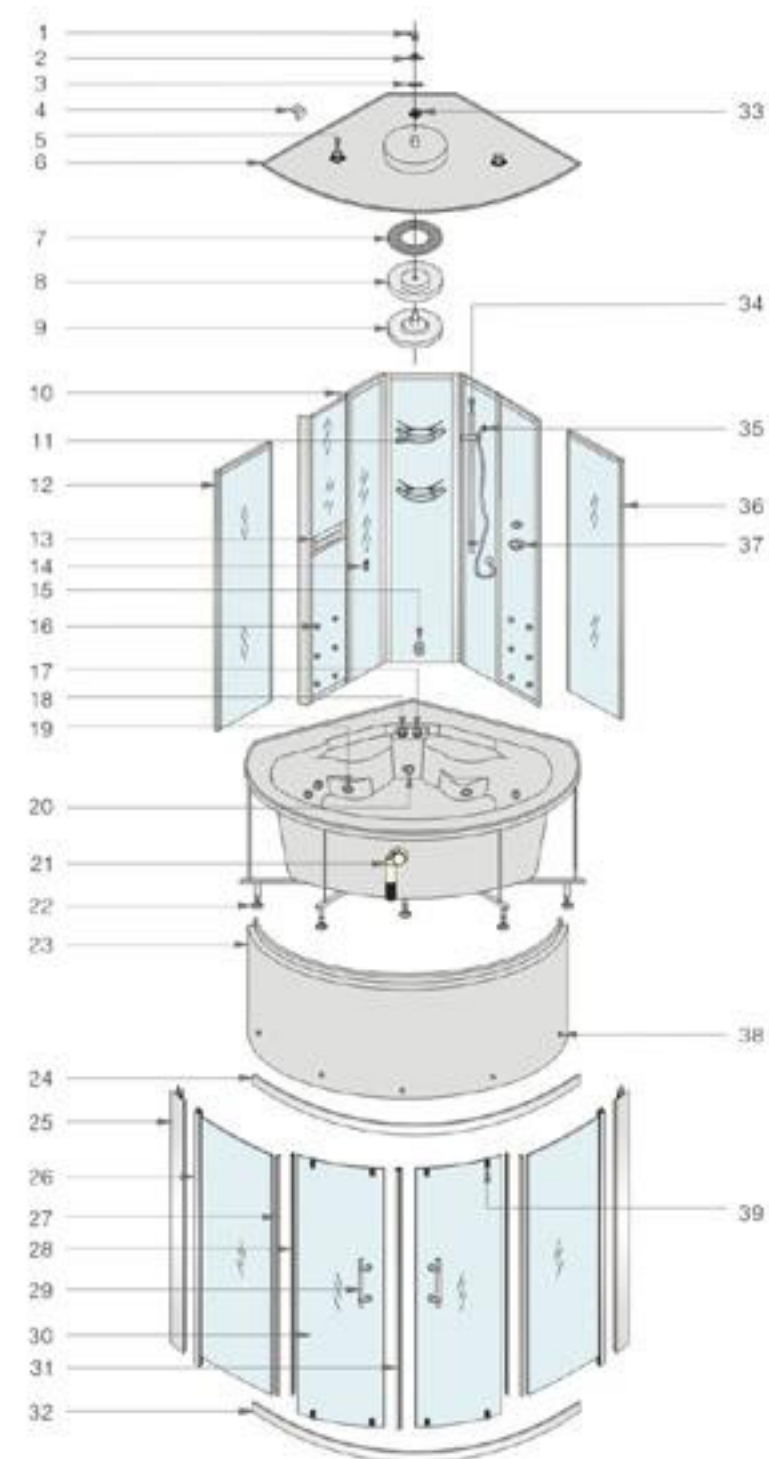
Equipments Reference

Parameter Components	Rated voltage	Rated voltage	Rated power
Pump	AC220-240V/50HZ	AC110-120V/60HZ	1125W
Steam generator	AC220-240V/50HZ	AC240V/60HZ	3000W
Chromotherapy lamp	DC12V	DC12V	10W
Ventilator	DC12V	DC12V	3W
Magnetic valve	DC12V	DC12V	5W
Computer control panel	AC220-240V/50HZ	AC240V/60HZ	
Loud speaker			10W
Remark			

CONTENTS








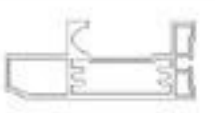





- 01-02 Component Introduction
- 03 Water and wire connection dimension
- 04-12 Installation Step
- 13-14 Control Panel Button and Function Demonstration for F3 Type Steam House
- 15 Steam House Removing Descale Cleaning Function
- 16 Troubleshooting

Component Introduction



1、Copper jets	2、1/2 Copper nut	3、Black plastic spacer
		
4、Stainless steel clip for fixing the roof	5、4" Waterproof loud speaker	6、Roof
		
7、Chromatherapy lamp	8、Acrylic lamp cover (large)	9、2063#/c Shower
		
10、Middle wall	11、Shampoo holder	12、Left glass wall
		
13、F3 Control panel	14、Descaler cleaning box	15、Steam outlet
		
16、01 Chromeplated jets (5 holes)	17、Chromeplated air switch	18、Chromeplated adjusting valve
		

Component Introduction

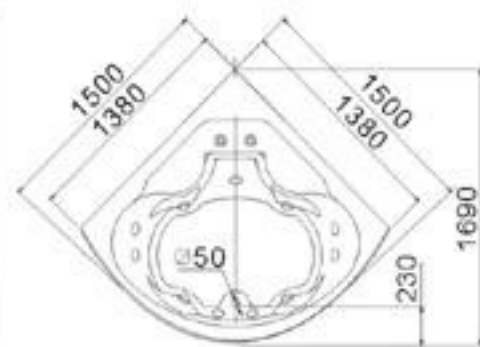
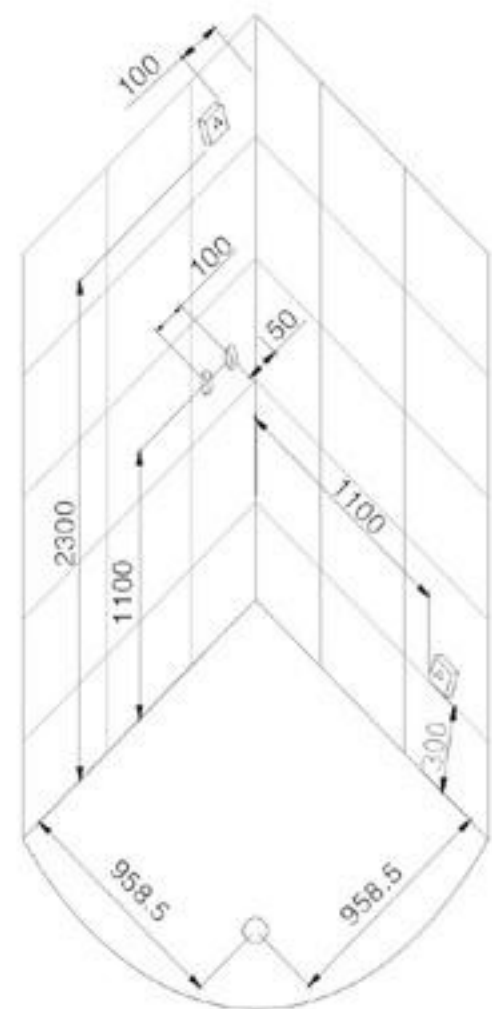
19、Jets	20、Chromatherapy lamp (18 pieces)	21、Waste with trap	22、Adjustable leg
			
23、Skirts for Da324	24、Upper track for DA324HF3	25、Corner aluminum profile	26、Fixed door
			
27、F type water proof strip	28、L011B Water proof strip	29、Ls-01*40*260 Handle	30、Movable door
			
31、L008A(6MM) Magnetic strip	32、Lower track for DA324HF3	33、90X90 Ventilator	34、Supporting bar 2
			
35、D222-1 Copper shower	36、Right glass wall	37、Chromeplated faucet 5#	38、WTC120AB water pup
			
39、B1 Elastic wheel			
			

Spare parts bags:

931-1 Supporting iron bar (4 pcs)	6x30 Hexangular allen screw(8 pcs)
	
4X10 Self-locking screws (37 pcs)	6mm Spring gwasher(8 pcs)
	
Stainless steel roof fixer (13 pcs)	6mm Stainless steel washer (16 pcs)
	
Decoration cover for panel (12 pcs)	Screws sleeve (8 pcs)
	
3.5x30 Round self-locking screws (8 pcs)	6mm Stainless steel nuts (8 pcs)
	
4x25 Round self-locking screw (12 pcs)	
	

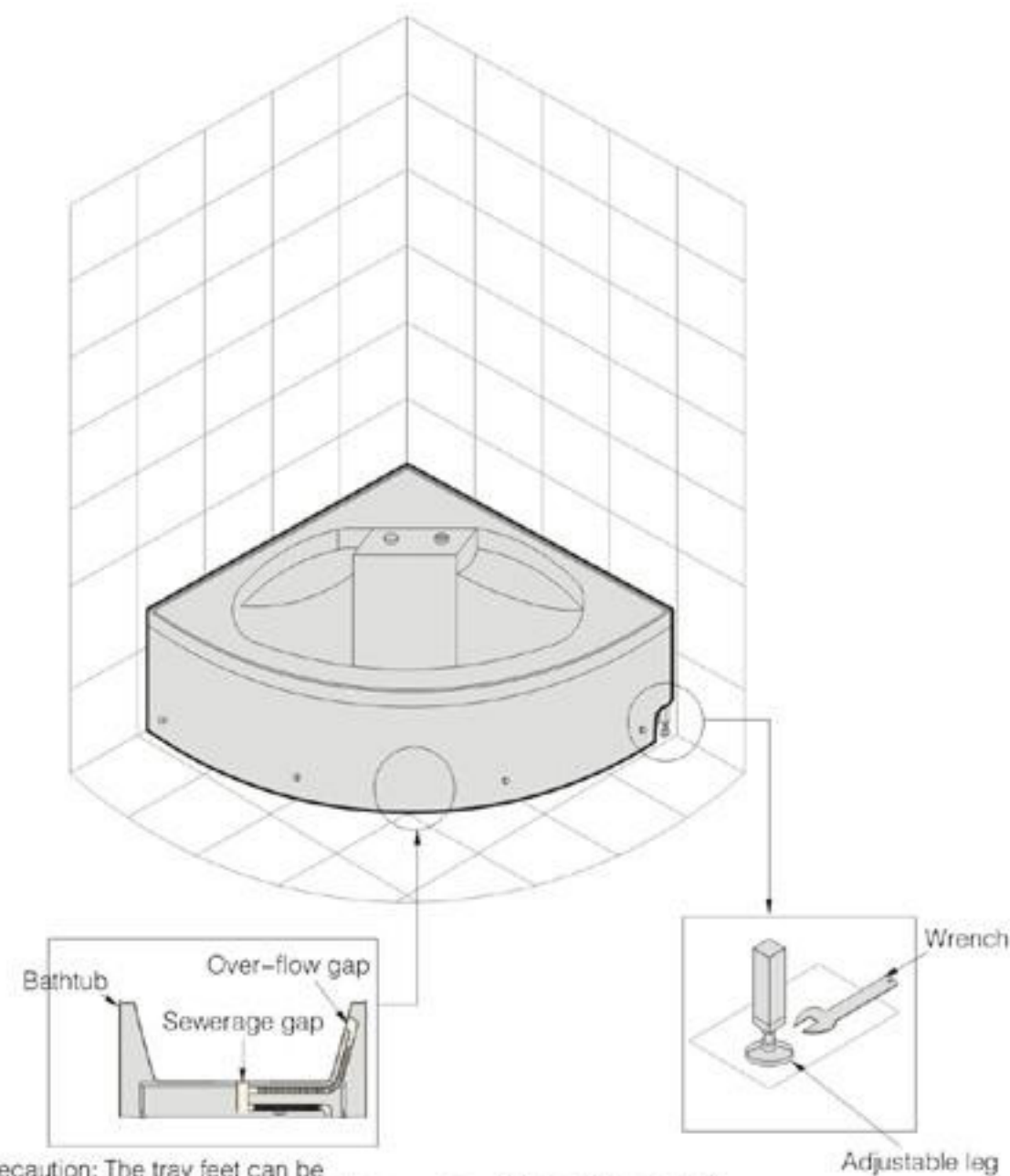
Water and wire connection dimension

Specification: 1500X1500X2280mm



Installation Step 1

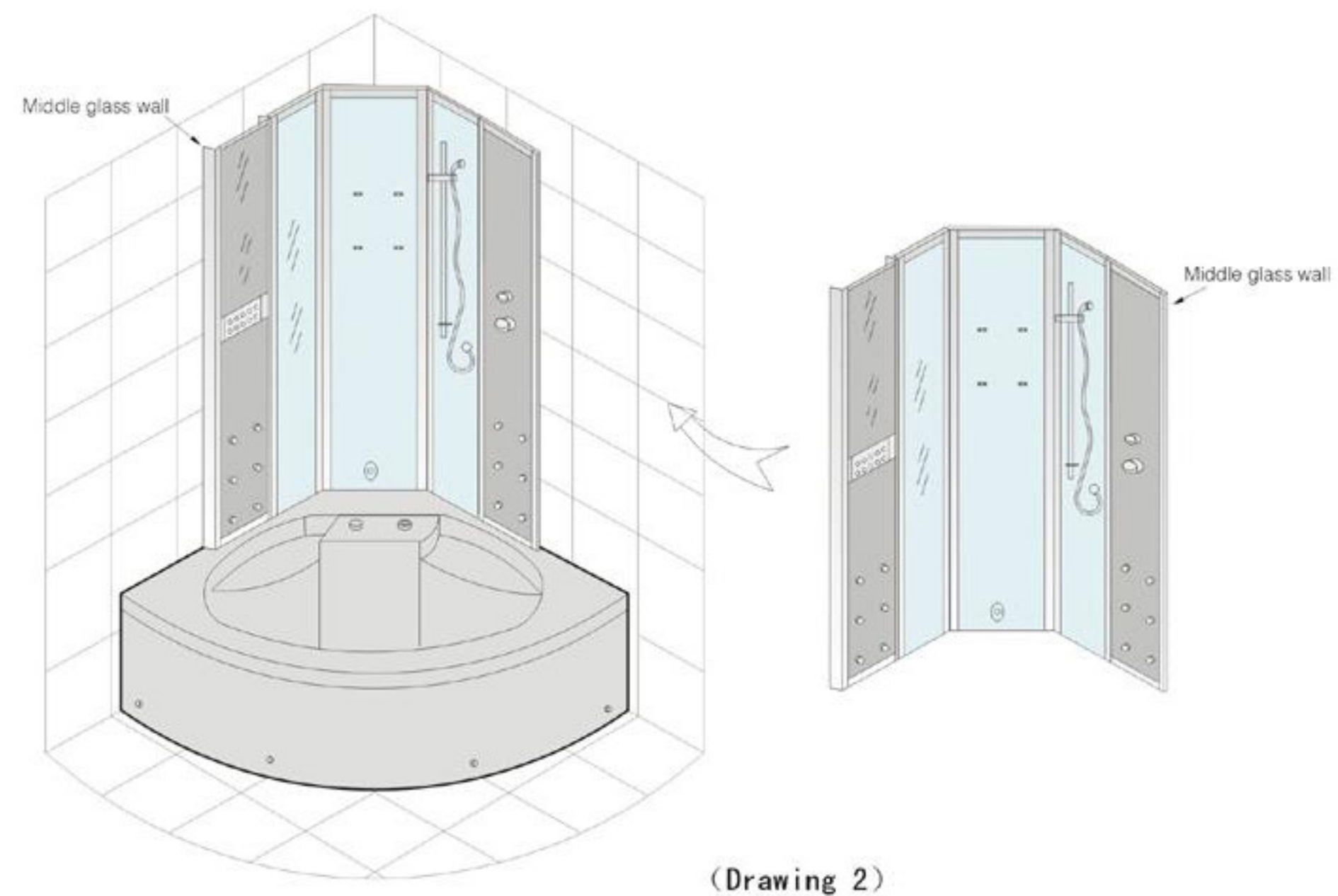
1. Move the shower tray to the suitable place, adjust the bottom of the screw, make it on the level.
(Notice: adjust the height of the foot to make the bathtub on level. (As illustrated at drawing 1))



(Precaution: The tray feet can be adjusted if the tray is not balanced. picture 1) (Drawing 1)

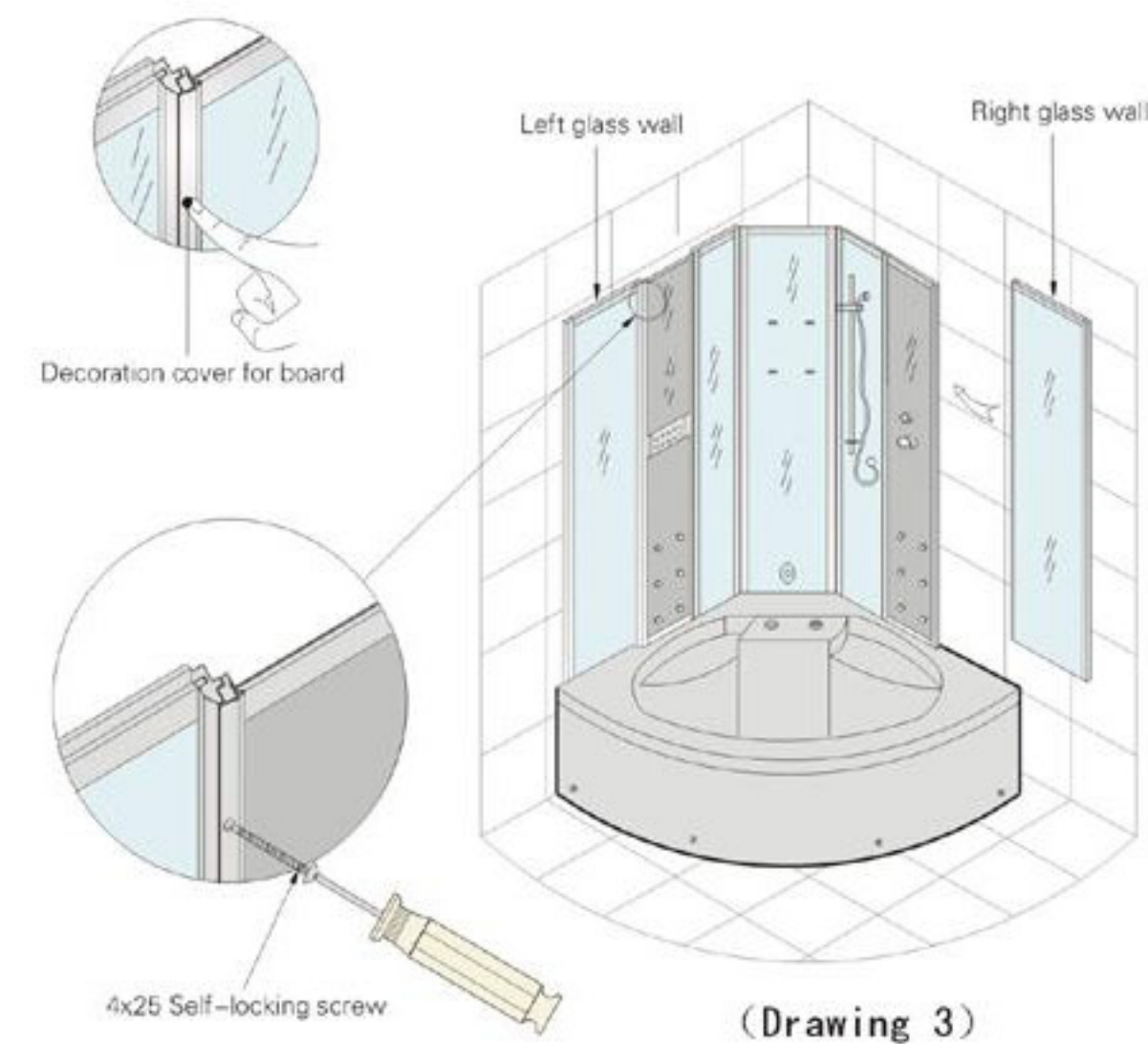
Installation Step 2

Secure the middle wall to the shower tray. (As illustrated at drawing 2)



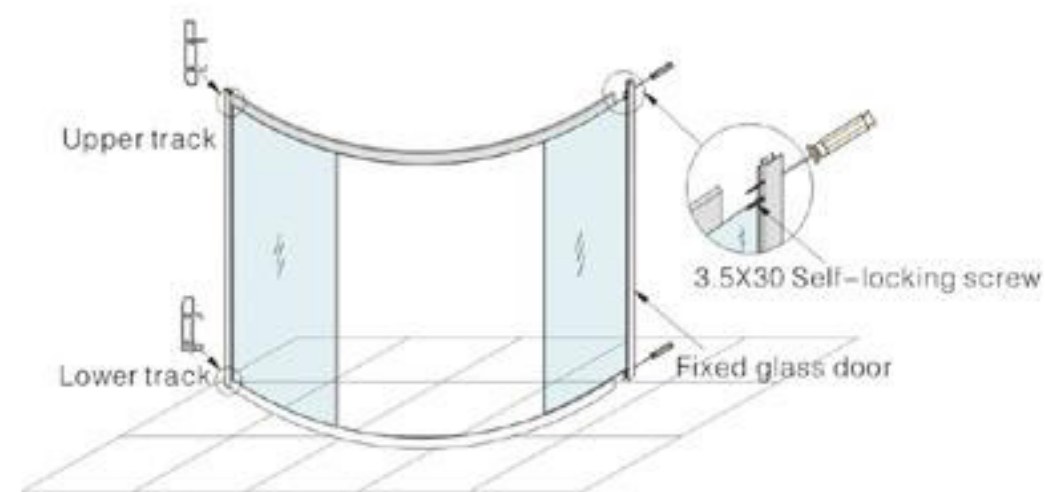
Installation Step 3

Use 4x25mm self locking screws to connect left & right glass wall with middle panel.cover the decoration cover for panel in the panel holes(As illustrated at drawing 3)



Installation Step 4

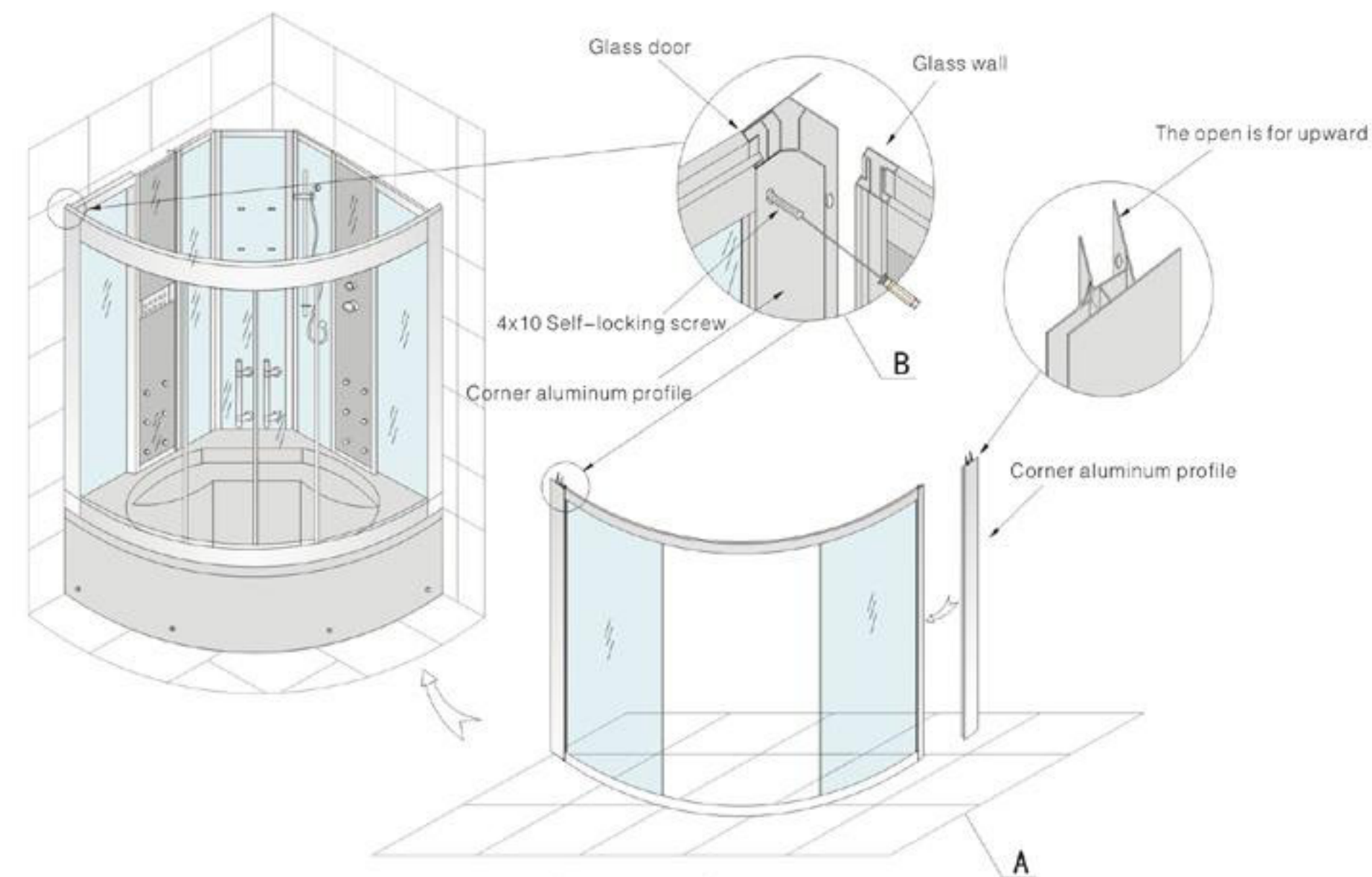
Use 3.5x30 self-locking screws to connect left & right fixed glass doors with upper & lower track.. (As illustrated at drawing 4)



(Drawing 4)

Installation Step 5

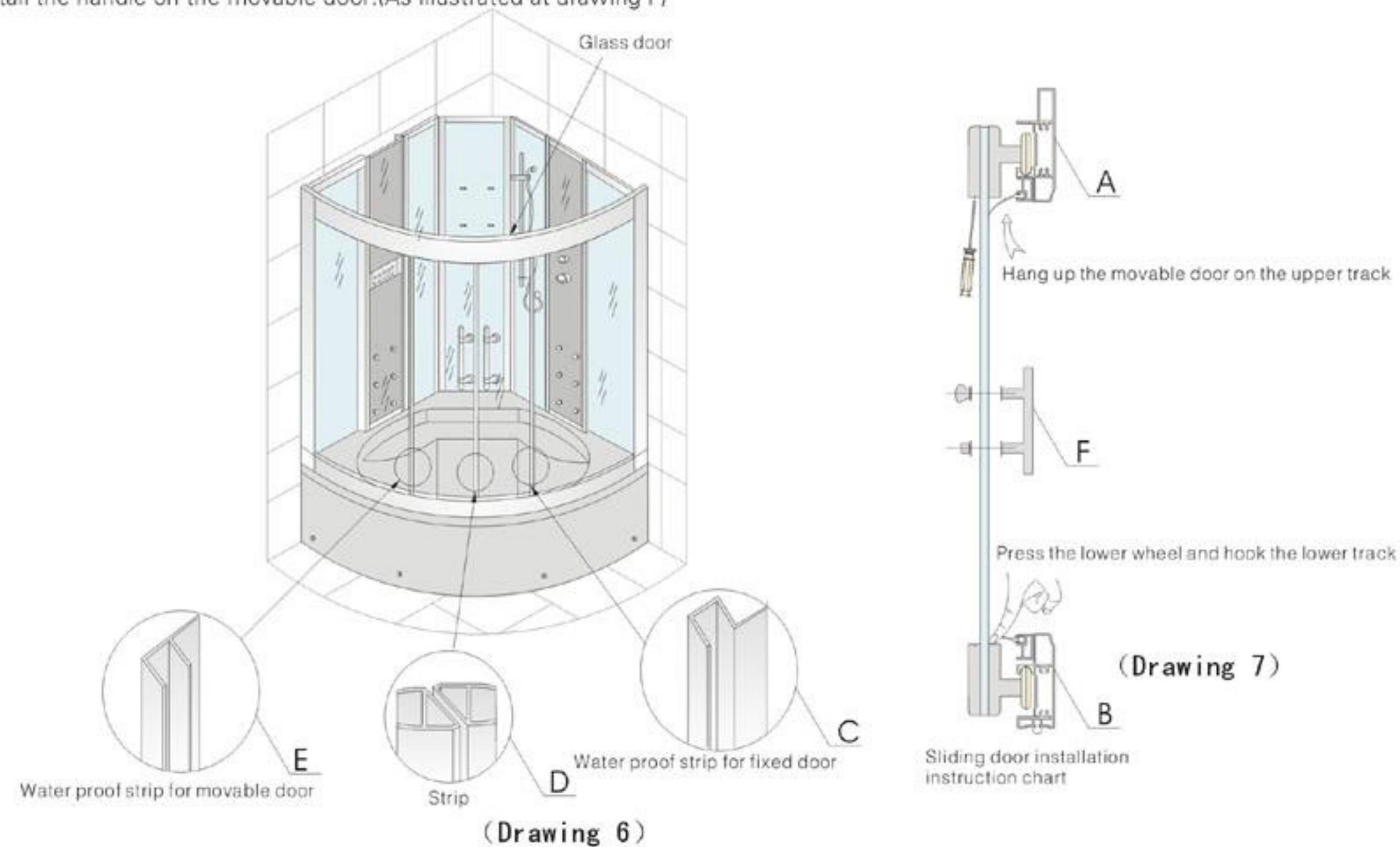
1. Put two corner aluminum profiles separately on the two sides of fixed glass doors and fasten them with 4x10 self-locking screws. (As illustrated at drawing A)
2. Install the whole set glass door on the shower tray and connect them with left & right glass walls by 4x10 self-locking screws. (As illustrated at drawing 5)



(Drawing 5)

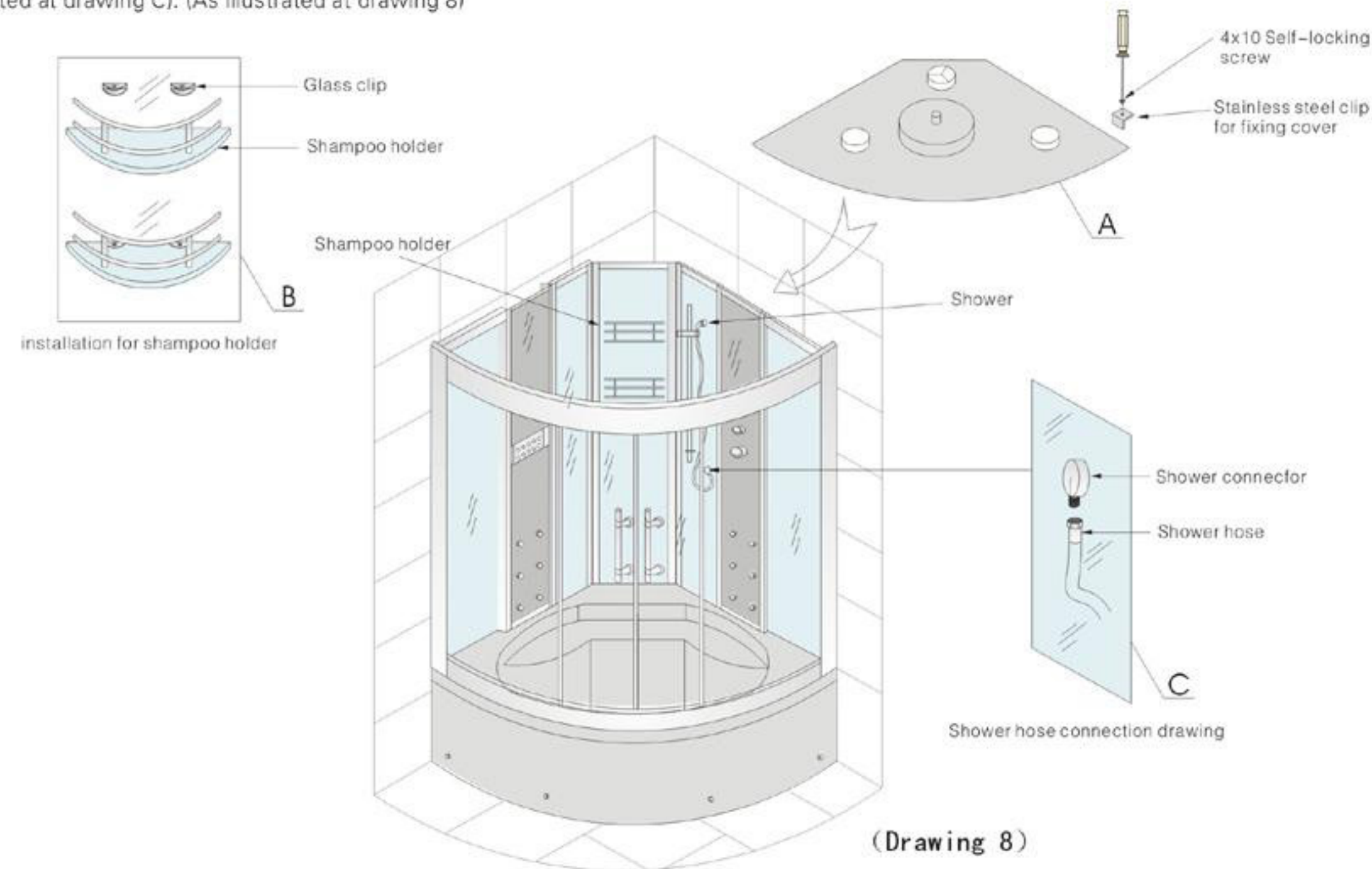
Installation Step 6

1. When installing the movable door, please hang up the movable door on the upper track (As illustrated at drawing A) and press the lower wheel and hook the lower track. (As illustrated at drawing B). If the left & right doors can not slide well or are sealed, please use the small screwdriver to adjust the upper wheel's screws to make the two movable doors vertical.
2. Install fixed door water proof strip E install magnetic strip D and water proof strip C to two movable doors. (As illustrated at drawing 6&7)
3. Install the handle on the movable door. (As illustrated at drawing F)



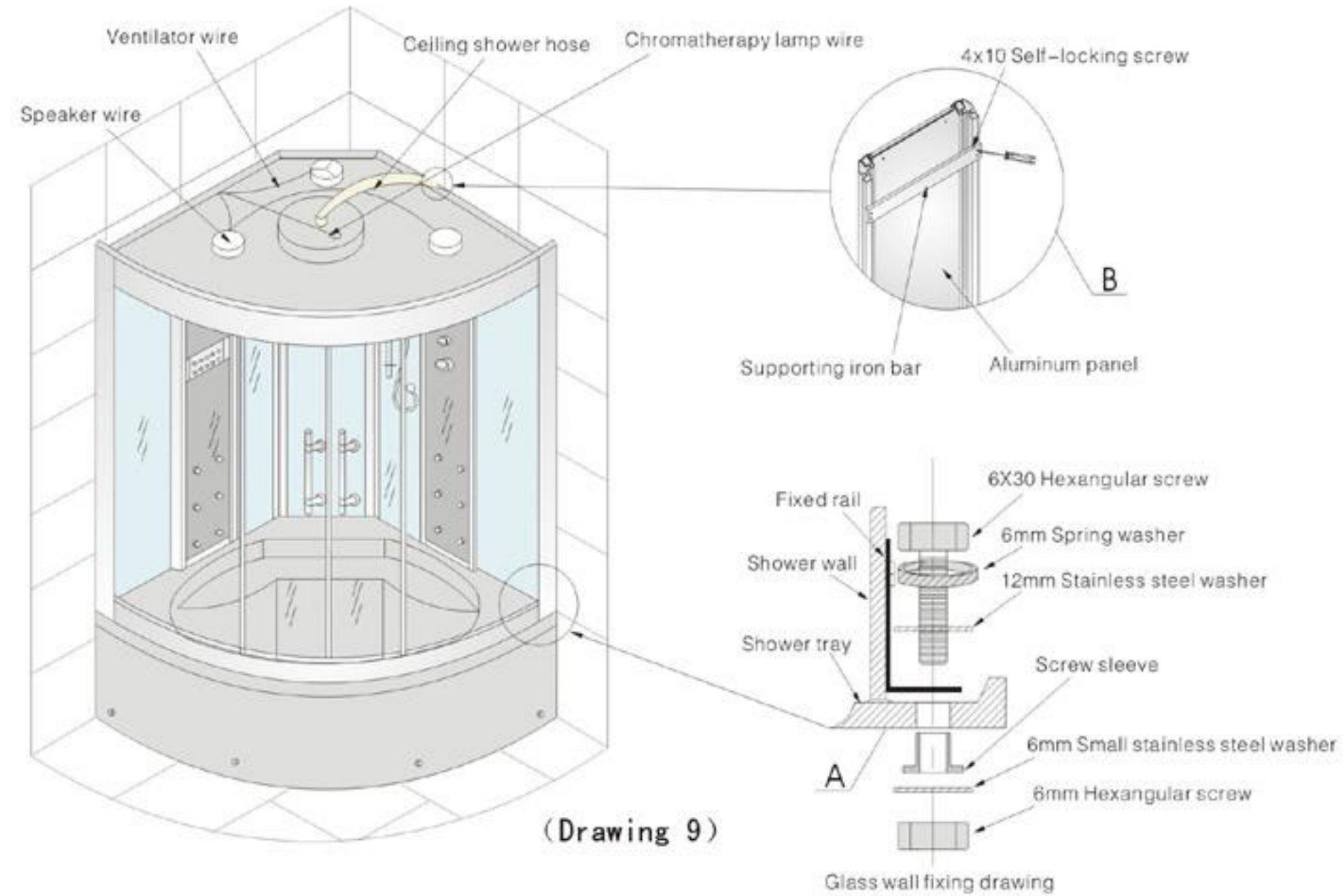
Installation Step 7

- Put the roof on the top of the shower wall, and connect it with 4X10 self-locking screw and stainless steel clip (As illustrated at drawing A). Fasten the shampoo holder on the glass clip in the middle wall (As illustrated at drawing B), connect the shower hose with the shower connector (As illustrated at drawing C). (As illustrated at drawing 8)



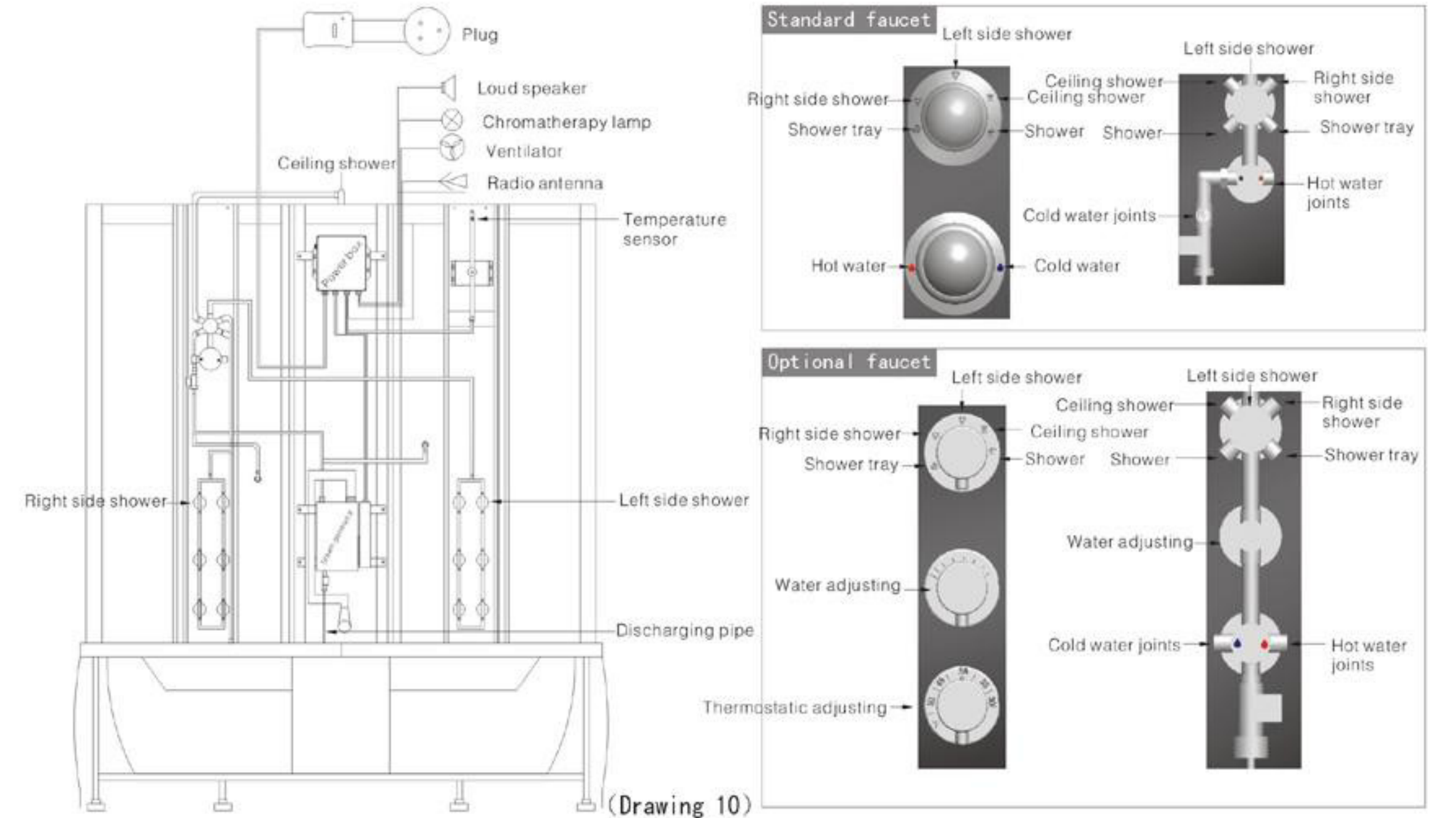
Installation Step 8

Connect the shower walls with shower tray by 6X30 allen screws (As illustrated at drawing A). Fasten the supporting iron bar on the panel by 4x10 self-locking screws (As illustrated at drawing B). Connect the loudspeaker, chromotherapy lamp, ventilator with relevant label plug (As illustrated at drawing 9)

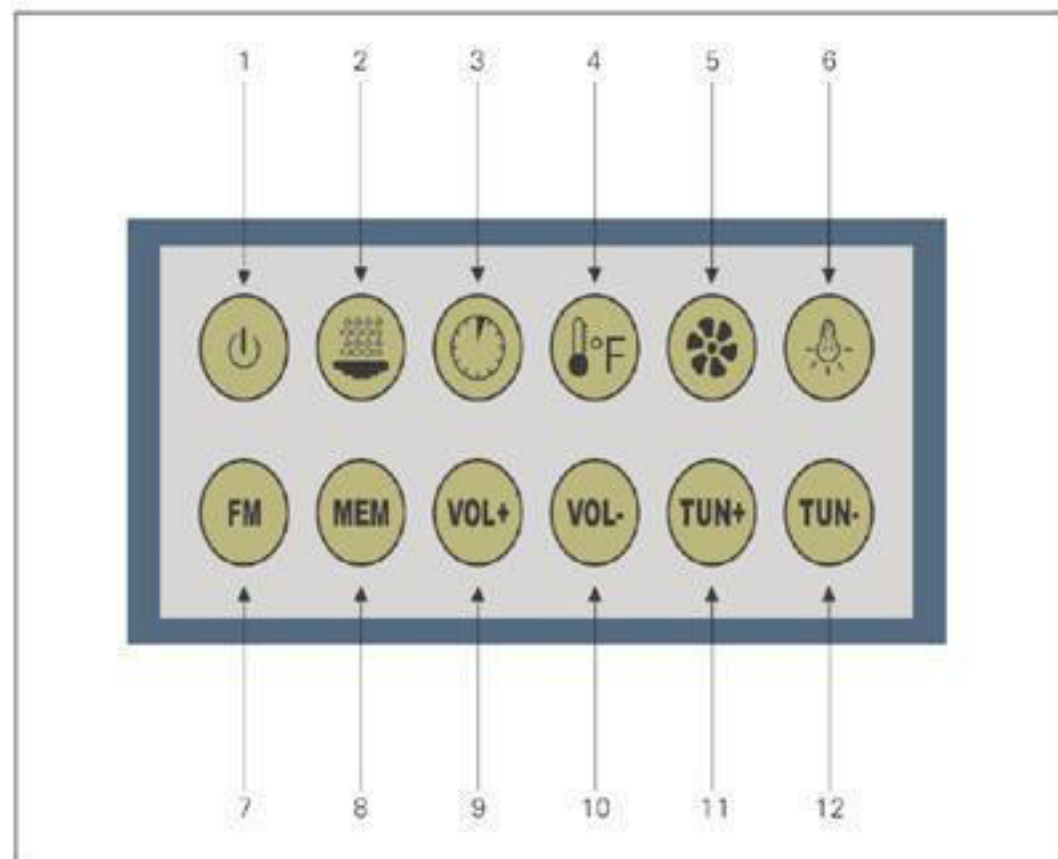


Installation Step 9

Install ceiling hose, steam hose, steam outlet hose, cold & hot water hose. Then check the whole house, the fitting, the electrical equipment and see whether they run well. (As illustrated at drawing 10). Clarification: thermostatic faucet is optional device.



Control Panel Button and Function Demonstration for F3 Type Steam House



1、Power on/off

Turn on/off the system.

Press this key to open the control system. Press it once again to close the control system. It will be automatic shut down in one hour after it's been turn on.(As illustrated at drawingc 1)



Drawing 1

2、Steam

Press this key, the steam function will be opened, the screen will show.(As illustrated at drawing 2)



Drawing 2

3、Time setting

When the steam function is turned on, press this key will increase the setting of time. When press this key more than 1 second, the time setting will be increased until it reaches maximum limit(As illustrated at drawing 3), then it will turn to minimum limit automatically. The time setting range is between 5-50 minutes. The default time is 30 minutes.



Drawing 3

4、Temperature setting

When the steam function is turned on, press this key will increase the temperature. When press this key more than 1 second, the temperature will be increased until it reaches maximum limit, (As illustrated at drawing 4) then it will turn to minimum limit automatically.

The temperature range is between 68°F-122°F. The default time is 104 °F.



Drawing 4

Control Panel Button and Function Demonstration for F3 Type Steam House

5、Ventilator

Press this key the ventilator will turn on, and press it once again to turn off the ventilator.(As illustrated at drawing 5)



Drawing 5

6、Chromatherapy

Press this key to turn on the chromatherapy. When it is turned on, color be changed each time the button is pressed .

When press first time, the blue light on. When press the second time, the blue & red light on. When press third time, the red light on. When press the fourth time, the red & orange light on. When press fifth time, the orange light on. When press the sixth time, the orange & blue light on. When press seventh time, the chromatherapy will turn on cycling, when press the eighth time, the light will turn off.

Chromatherapy works in this sequence: turn on—blue—blue& red—red—red & orange—orange—orange & blue—circulating—turn off.



Drawing 6

7、Radio

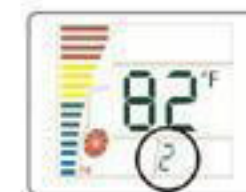
Press this key to turn on and press it to turn off the radio function(As illustrated at drawing 7).



Drawing 7

8、Channel saving

Press this key and release within 1 second, the frequency of current location will be found . press this key and hold it more than 1 second, the frequency will be saved to current location. It can save 8 channels.



Drawing 8

9、Volume +

When the radio is turned on, press this key will increase the volume.

10、Volume -

When the radio is turned on, press this key will decrease the volume.



Drawing 9

11、Frequency +

When the radio is turned on, press this key will Increase the frequency. If hold it more than 1 second, the frequency will be increased automatically until one channel has been found. The frequency range is between 87.5—108.0MHZ.

12、Frequency -

When the radio is turned on, press this key will decrease the frequency. If hold it more than 1 second, the frequency will be decreased automatically until one channel has been found. The frequency range is between 87.5—108.0MHZ.




Drawing 10

Steam House Removing Descale Cleaning Function

Using steps: power off → open the descale cover → input cleaning solution → cover the descale cover → Power on, run the automatic cleaning function → power off and water discharge

1、Power off

For safety, it is forbidden to twist the cover of detergent box so as to avoid being burnt by the steam.

Before using the cleaning function, if it is in an open state, please close all of the function. press  key to power off. (As illustrated at drawing 1)

2、Open the descale cover

After confirming the system power off, press the right label and found the detergent box in the steam house. twist the cover by reverse direction and take out of the box cover. (As illustrated at drawing 2)



3、Input cleaning solution

Open the detergent box, use the spoon to pour the citric acid or compounds cleaning fluid into the box. (As illustrated at drawing 3)



4、cover the descale cover

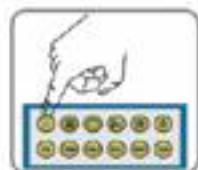
After inputting the cleaning liquid, whirl the box cover in clock wise direction, twist the cover and avoid the steam hurting the people. (As illustrated at drawing 4)

5、Power on, run the automatic cleaning function

After covering the detergent box, press  to power on. Then press  key to open the cleaning function and let and system to automatically cleaning. (As illustrated at drawing 5)

6、power off and water discharge

After 5 to 10 minutes, press  key to close the steam function, and press  to power off. The dirty water will be discharged automatically. The cleaning process will be finished after 5 minutes. (As illustrated at drawing 6)



(Drawing 1)



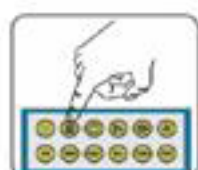
(Drawing 2)



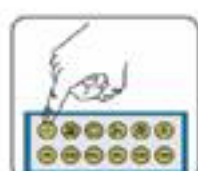
(Drawing 3)



(Drawing 4)



(Drawing 5)



(Drawing 6)

Attention:

1. It is forbidden to use cleaning function when using other function.
2. It is forbidden to use the alkaline compounds to clean the steam generator.
3. It is forbidden to use the solid cleaning agent to clean the steam generator, so as to avoid plugging the pipes.

We recommend that you use citric acid solution to clean the steam generator!

Troubleshooting

Malfunctions	Causes	Solutions	Malfunctions	Causes	Solutions
Shaking of bathtub and too noisy	<ol style="list-style-type: none"> 1. The steel stand at bottom of bathtub is not balanced. 2. The fasten screws for motor and shockproof rubber is incomplete or loose. 3. Problem of motor. 	<ol style="list-style-type: none"> 1. Adjusting the leg to make the steel stand even. 2. 4 pieces of screws and 4 shockproof rubbers shall be provided for the motor. Fasten the nuts. 3. Contact with your dealer or the manufacturer. 	Chromotherapy light doesn't work	<ol style="list-style-type: none"> 1. Plug is off. 2. Control circuit board is burnt. 	<ol style="list-style-type: none"> 1. Re-plug in the plug or replace plug. 2. Contact with dealer or the manufacturer after-sale department.
			Slow water outlet	<ol style="list-style-type: none"> 1. Supply water pressure is low. 2. Water inlet block. 	<ol style="list-style-type: none"> 1. Check supply water pressure. 2. Clean water inlet filter.
The motor is working normally, but no water comes out from jets or water pressure is not normal (The pressure is not enough)	<ol style="list-style-type: none"> 1. The suction is partly clogged. 2. The water level is too slower (the pressure is not enough). 3. The hydro-massage water regulating switch is turned off. 4. Air exists in air pump water inlet. 5. Others. 	<ol style="list-style-type: none"> 1. Use the screw driver to dismantle the suction and clean it so as to make the water flow smoothly. 2. Fill in water until it reaches to normal height, that means the water level is higher than the sensor screws. 3. Turn on the hydro-massage water regulating switch. 4. a) Turn on the cleaning function to drive out the air. b) Fasten connecting water inlet parts of water pump to prevent air in. 	The pop-up water outlet valve can't pop-up or it is leaking	<ol style="list-style-type: none"> 1. The waste cover is leakage, the screw is loose or the water divert adjusts too low. 2. The pulling cord of water outlet is broken. 3. The washer is uneven. 	<ol style="list-style-type: none"> 1. Take off the stopper of pop-up water outlet valve, fasten the screws or adjust the top hole to the proper place. 2. Replace with new rubber. 3. Dismantel the water outlet, level the washer and re-install it.
			Display panel doesn't work	<ol style="list-style-type: none"> 1. Power off or wrong wiring. 2. Switched off. 3. Wire connection to control box is loose. 	<ol style="list-style-type: none"> 1. To provide power supply and do correct wiring. 2. Turn on the switch. 3. Refasten the wiring connection.
The massage motor or the air motor can't be started	<ol style="list-style-type: none"> 1. Voltage is abnormal or electric power is disconnected. 2. The air pressure switch or the micro pneumatic switch is broken. 	<ol style="list-style-type: none"> 1. Switch on the power. 2. Call an electrician to replace the air pressure switch or pneumatic switch with the same specification. 	Steam key signal on, but no steam comes out	<ol style="list-style-type: none"> 1. Temperature limiter or heater is burnt. 	<ol style="list-style-type: none"> 1. Ask professional people to repair.
			Colorful light doesn't work	<ol style="list-style-type: none"> 1. The circuit of light connection is break or the lamp seat is loose. 2. The light board is broken. 	<ol style="list-style-type: none"> 1. Replace it or re-fasten it. 2. Replace.
Ventilator doesn't work	<ol style="list-style-type: none"> 1. Plug is off. 2. Fan blade is blocked. 3. Ventilation fan broken. 	<ol style="list-style-type: none"> 1. Re-plug in. 2. Drive the fan gently after opening. 3. Replace broken ventilator. 			