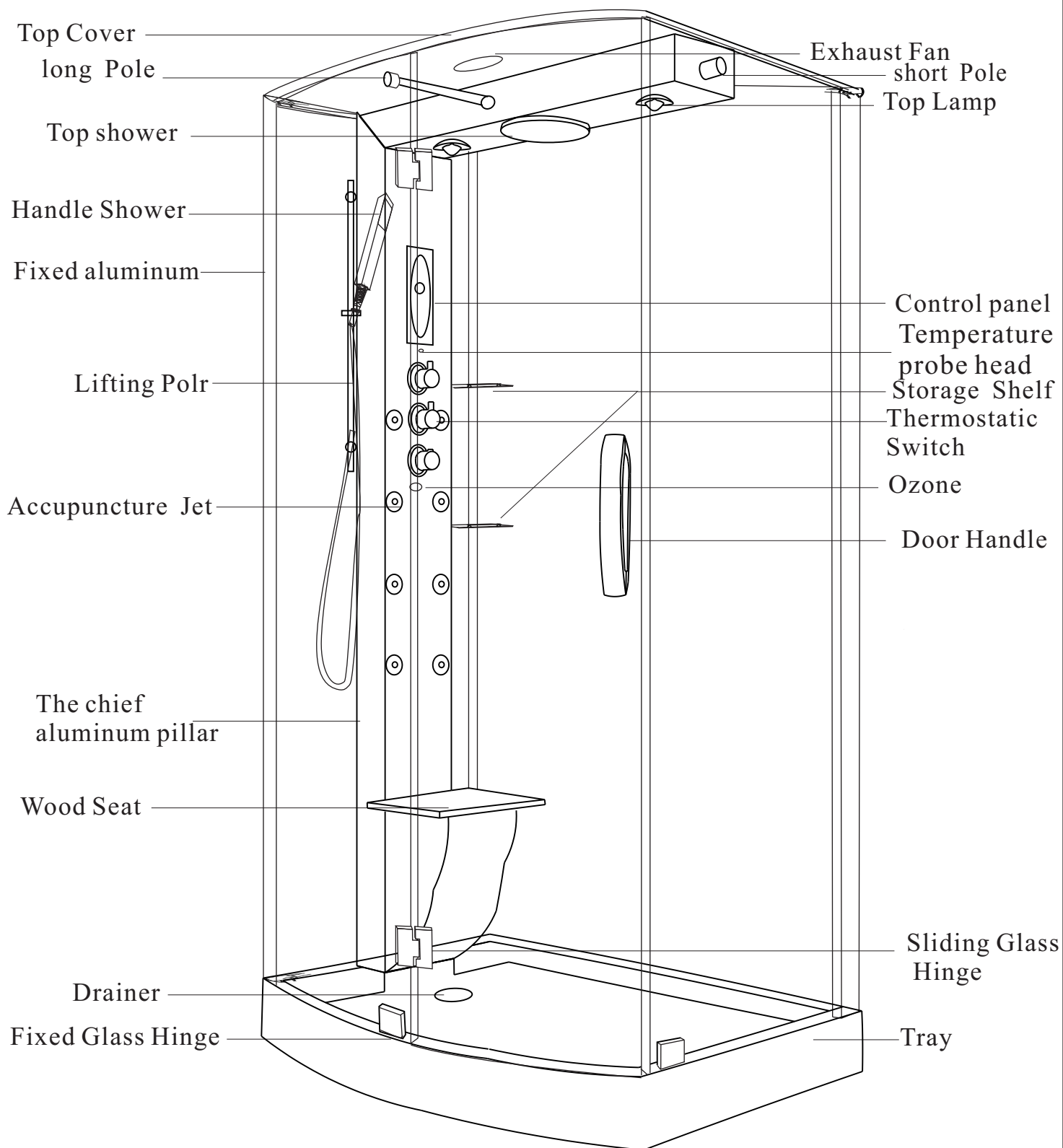
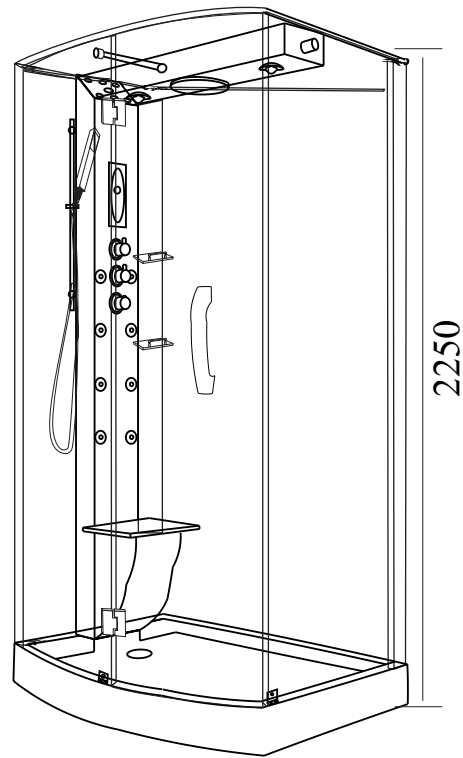
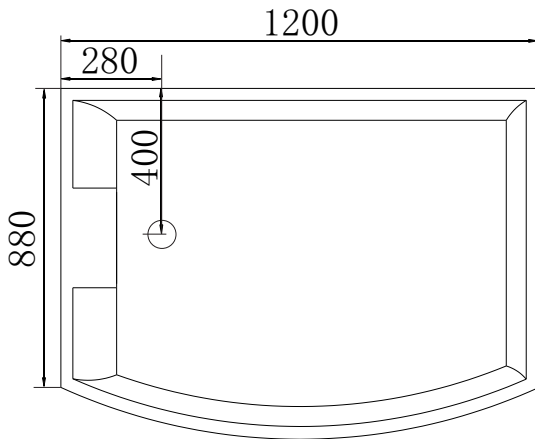


WG-U820 Instruction Manual





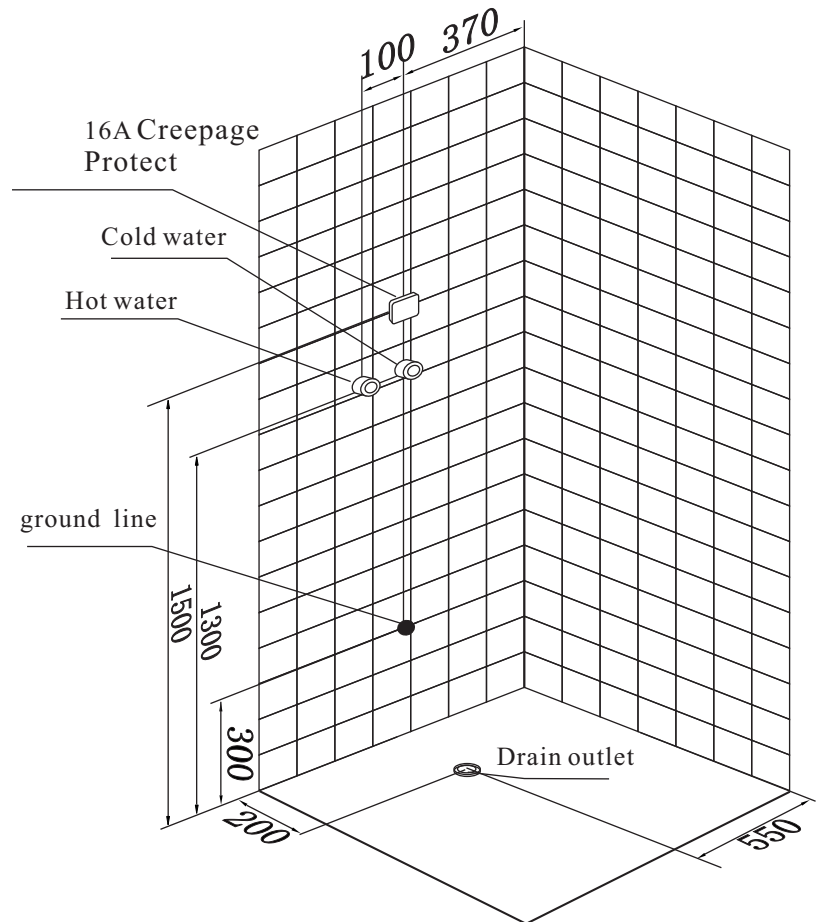
Size: 1200x880x2250mm



1. Water supply: One piece of galvanized tube shall be provided for hot and cold water respectively 1300mm high from the ground and the DN15 shut-off valve shall be mounted on the wall: $0.25\text{mPa} \leq \text{pressure} \leq 0.4\text{mPa}$.






















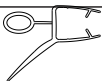





2. Power supply: 3. 5KW, 240V, single phase and three wire system, $BV=3 \times 4\text{mm}^2$, high from the ground with one 32A water-proof socket. The power socket shall be provided with 16A independent creepage protection switch, which shall be erected in a position within reach of hand and shall be free of water splash.

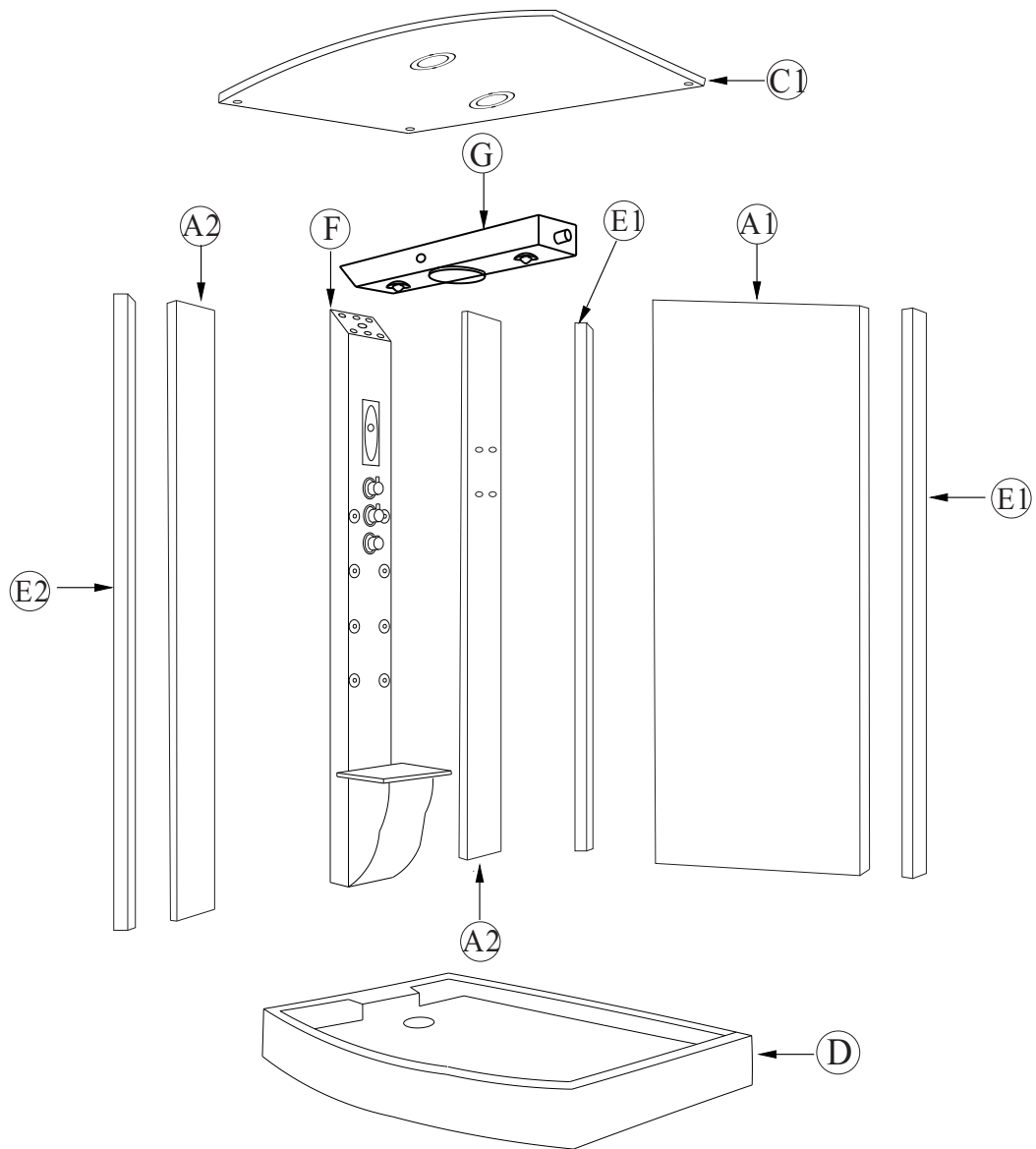
3. Water drainage: The floor drainage hole shall be within the range of erection size .



install prepare

First Check the label outside is the same of products number ;
Setting tool: cross screwdriver 、 6-30#spanner、 level ruler、 straight screwdriver、 Glass Glue Wood Wedge , Plastic hammer.

M6x35 Screw				2
M8x25 Screw				6
M8x35 Screw				3
M4x16 Screw				4
M4x16 Screw				4
Zinc gasket				12
Hinge				8
Yellow Stick pastern				2
Black gasket				7+2
H1 Rubber Strip				13m
H2 Rubber Strip				13m
H3 Rubber Strip				2m
H4 Rubber Strip				1.2m
H5 Rubber Strip				8m
308A Rubber Strip				1
308c Rubber Strip				1
A-1Glass				1
A-2Glass				2
A-3Glass				1
A-4Glass				1
B-1Glass				1
C-1Glass				1
E2 (90° Aluminum)				2
E1 (115° Aluminum)				1

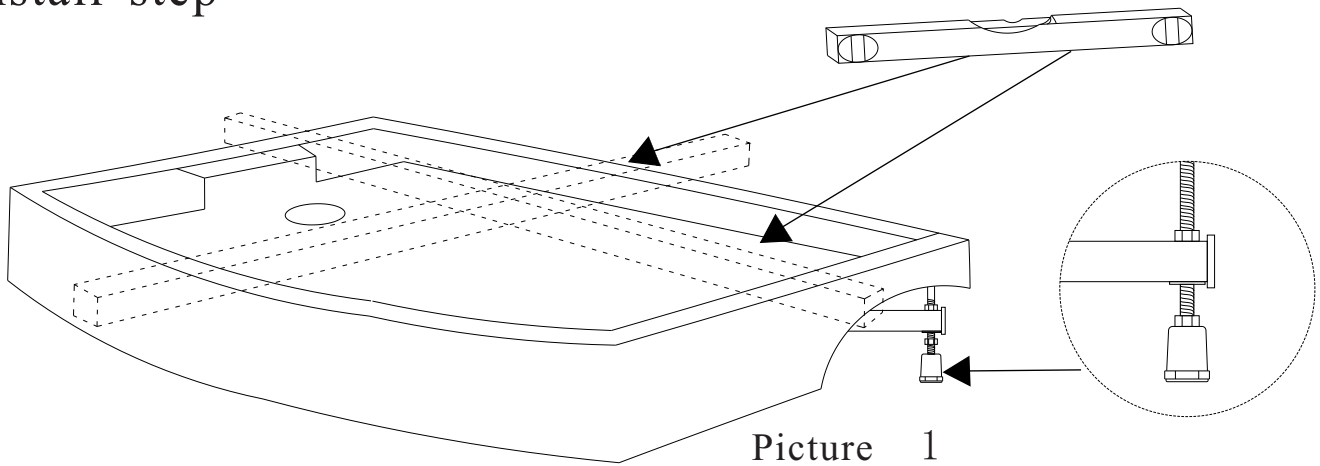


① Tray

② The chief aluminum pillar

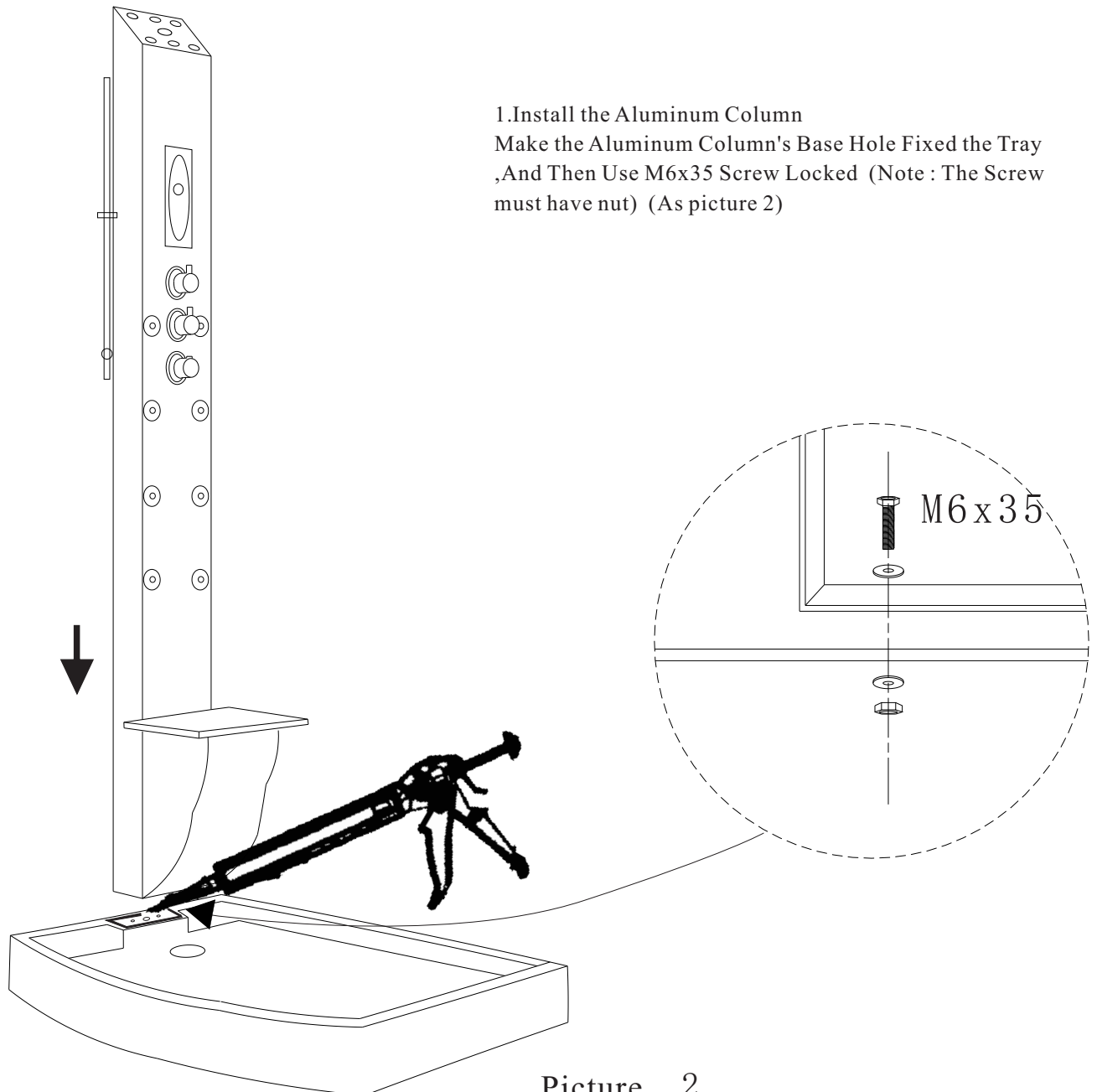
③ top aluminum

install step



Picture 1

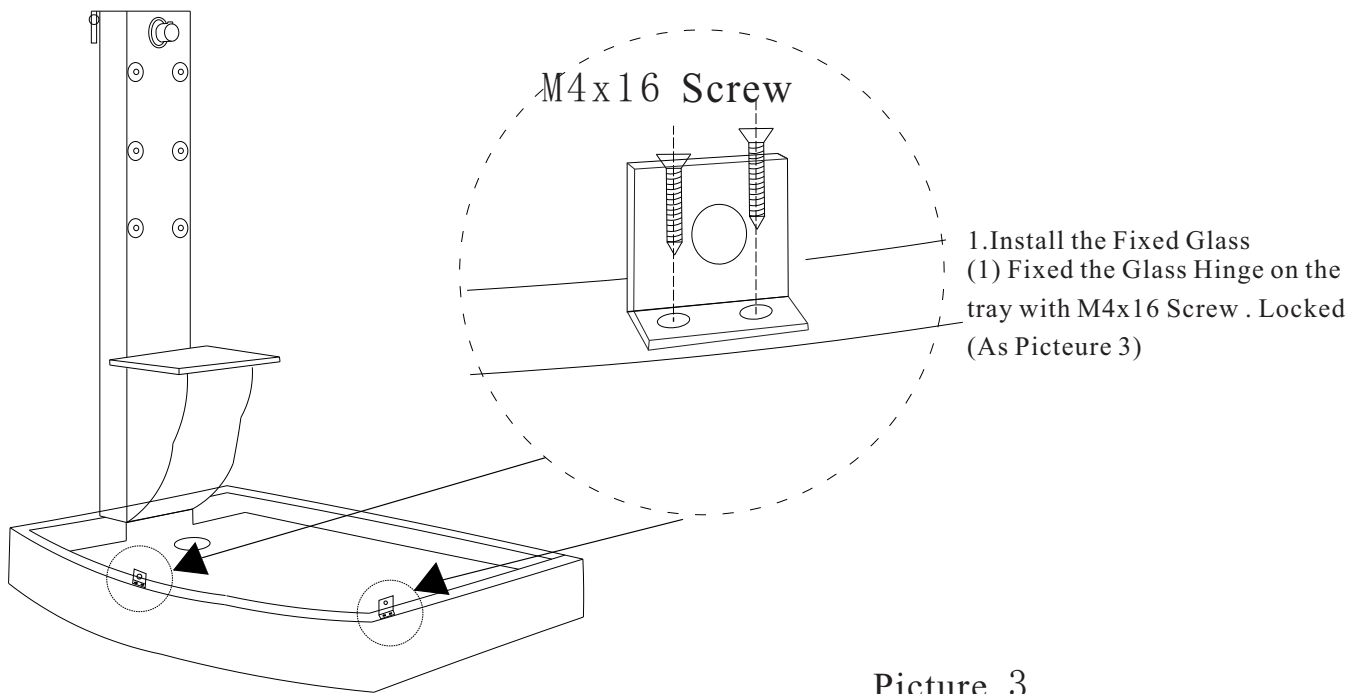
1. Open the packing, put the tray to the appropriate place. Use the Level Ruler Test all direction is Balance. adjust the screw which in foot to the tub until level, and then screw down the nut. the drainer Pipe must put into the Drain Hole at least 50mm , fixed and drain well. (As picture 1)



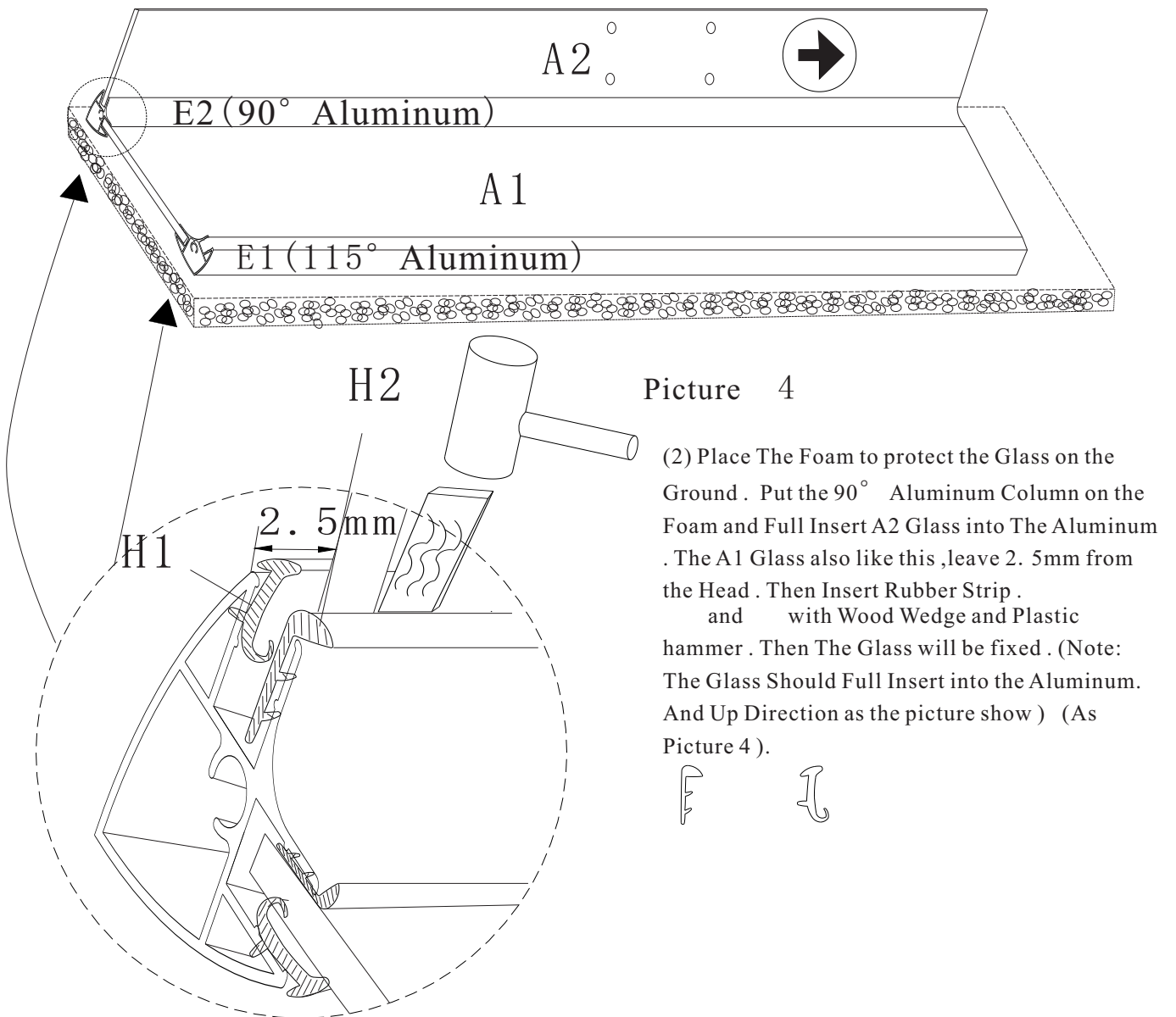
1. Install the Aluminum Column

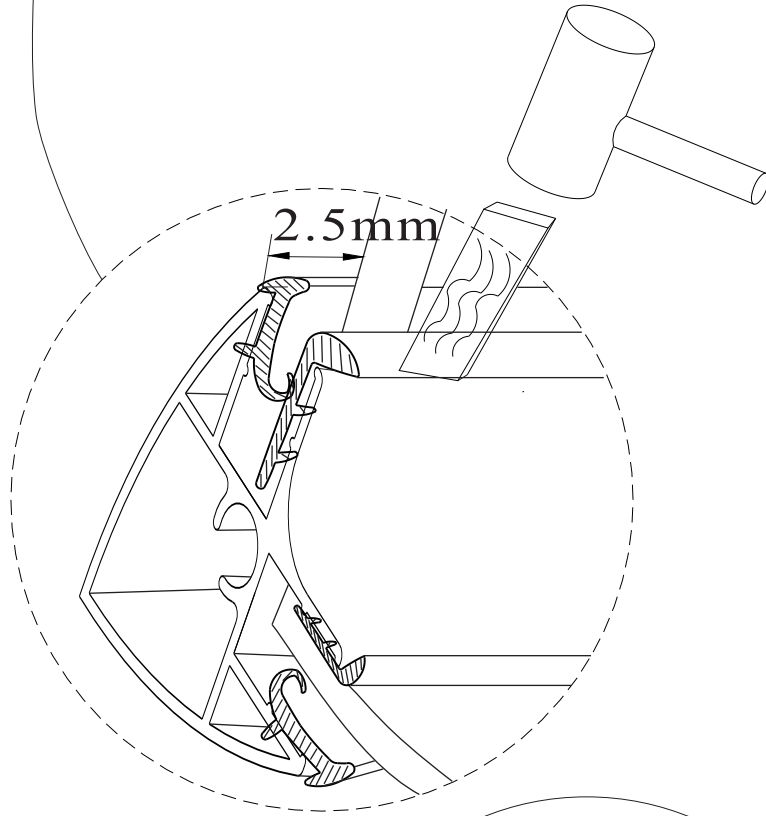
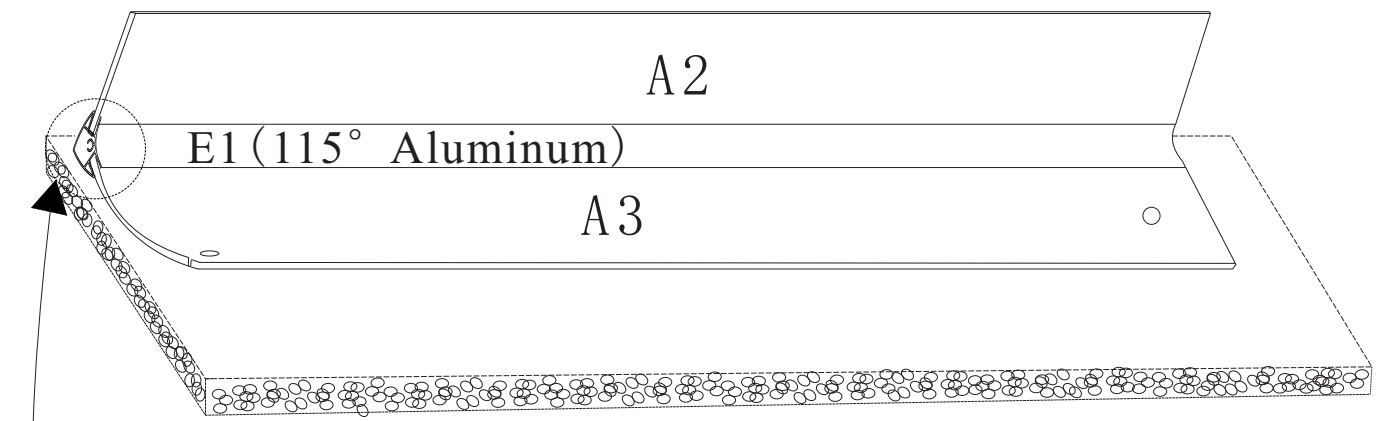
Make the Aluminum Column's Base Hole Fixed the Tray ,And Then Use M6x35 Screw Locked (Note : The Screw must have nut) (As picture 2)

Picture 2



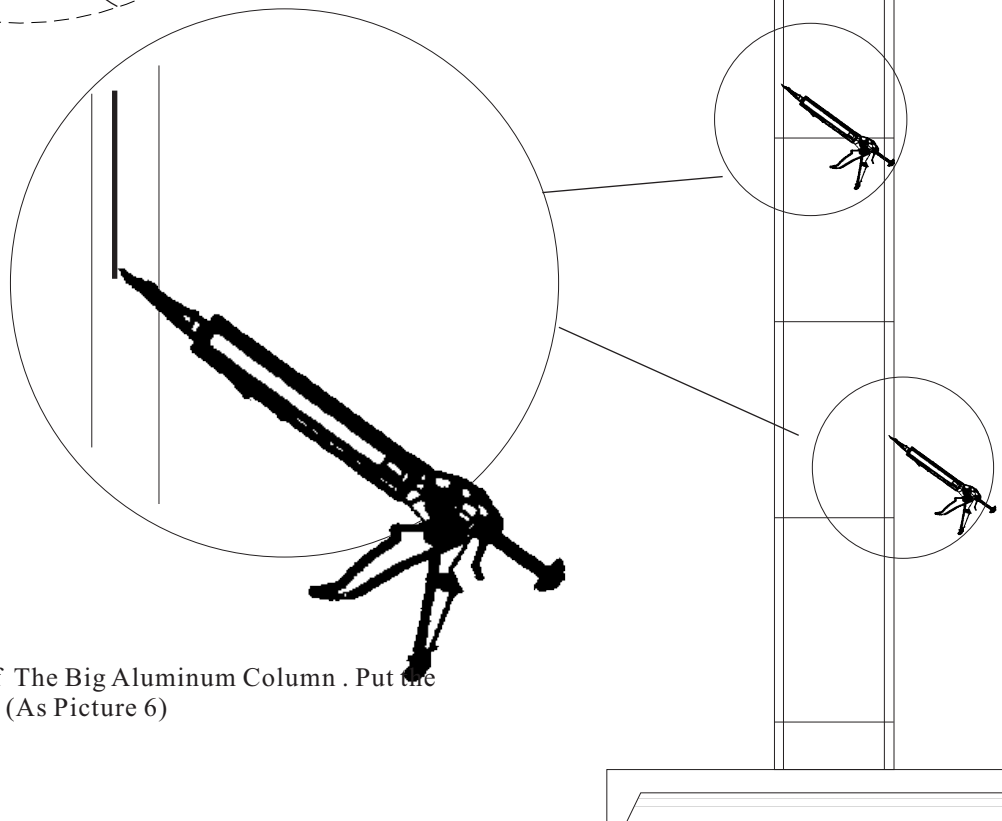
Picture 3





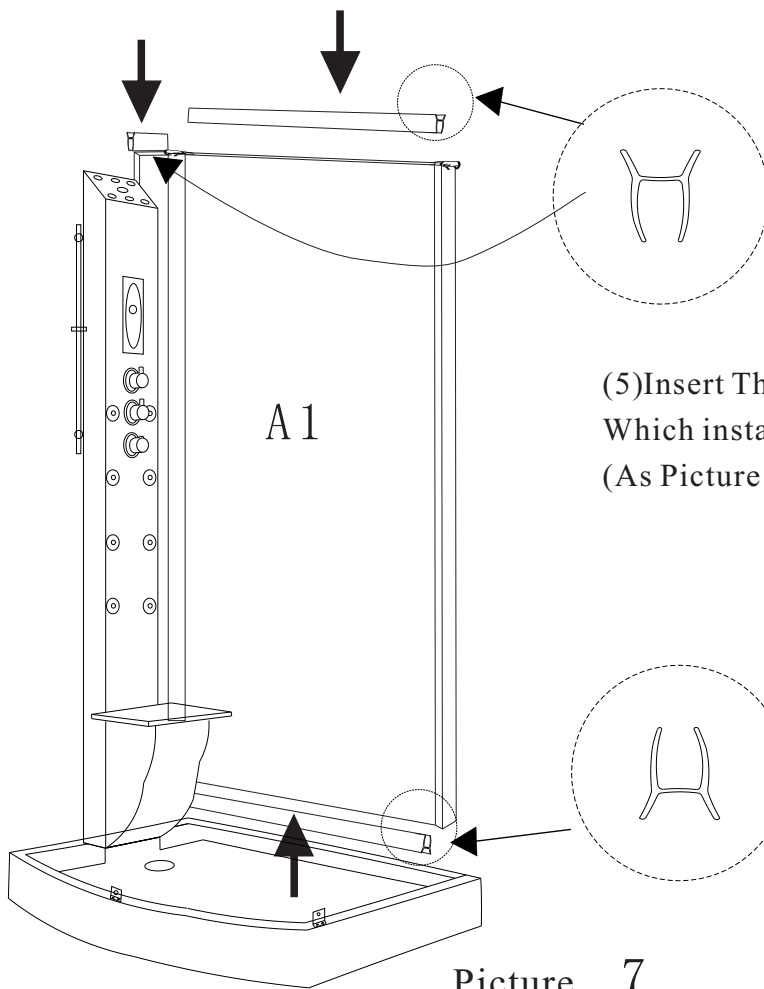
Picture 5

(3) Do as picture 4 , Put the 115° Aluminum Column on the Foam and Full Insert A2 , A3 Glass into The Aluminum. (Note: The Glass Should Full Insert into the Aluminum. And Up Direction as the picture show) (As Picture 5)



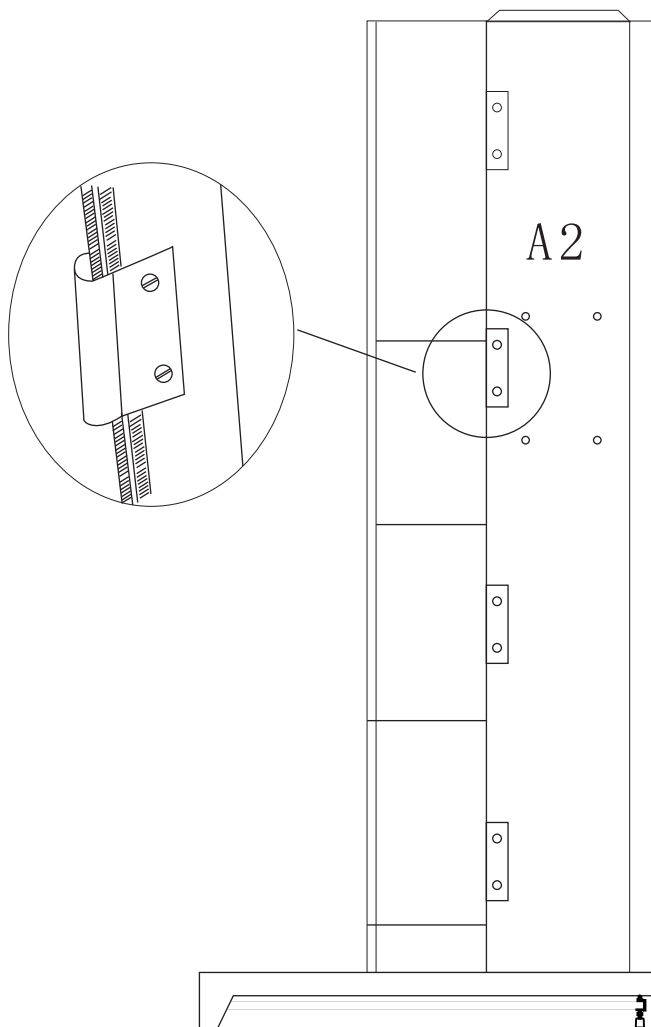
(4) On the Back side of The Big Aluminum Column . Put the Glass Glue on the Edge . (As Picture 6)

Picture 6



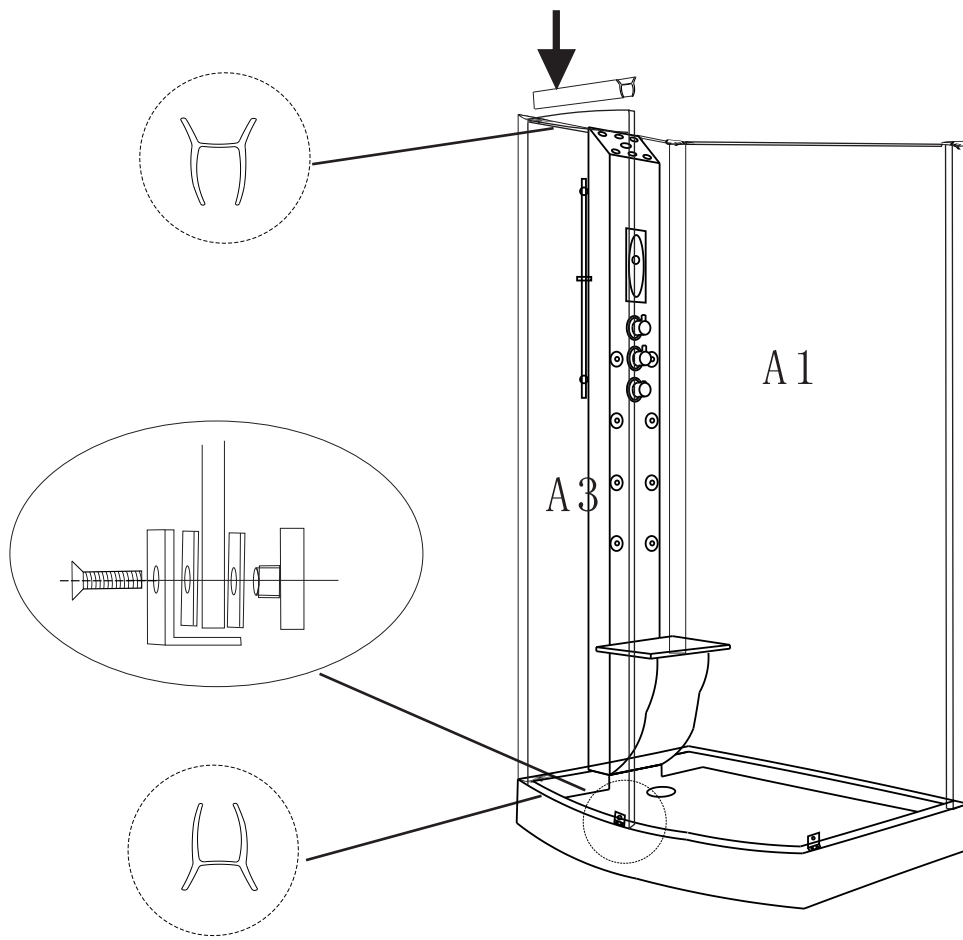
(5) Insert The H5 Rubber Strip into the Glass Which install in Picture 4, Then Put on The Tray. (As Picture 7)

Picture 7



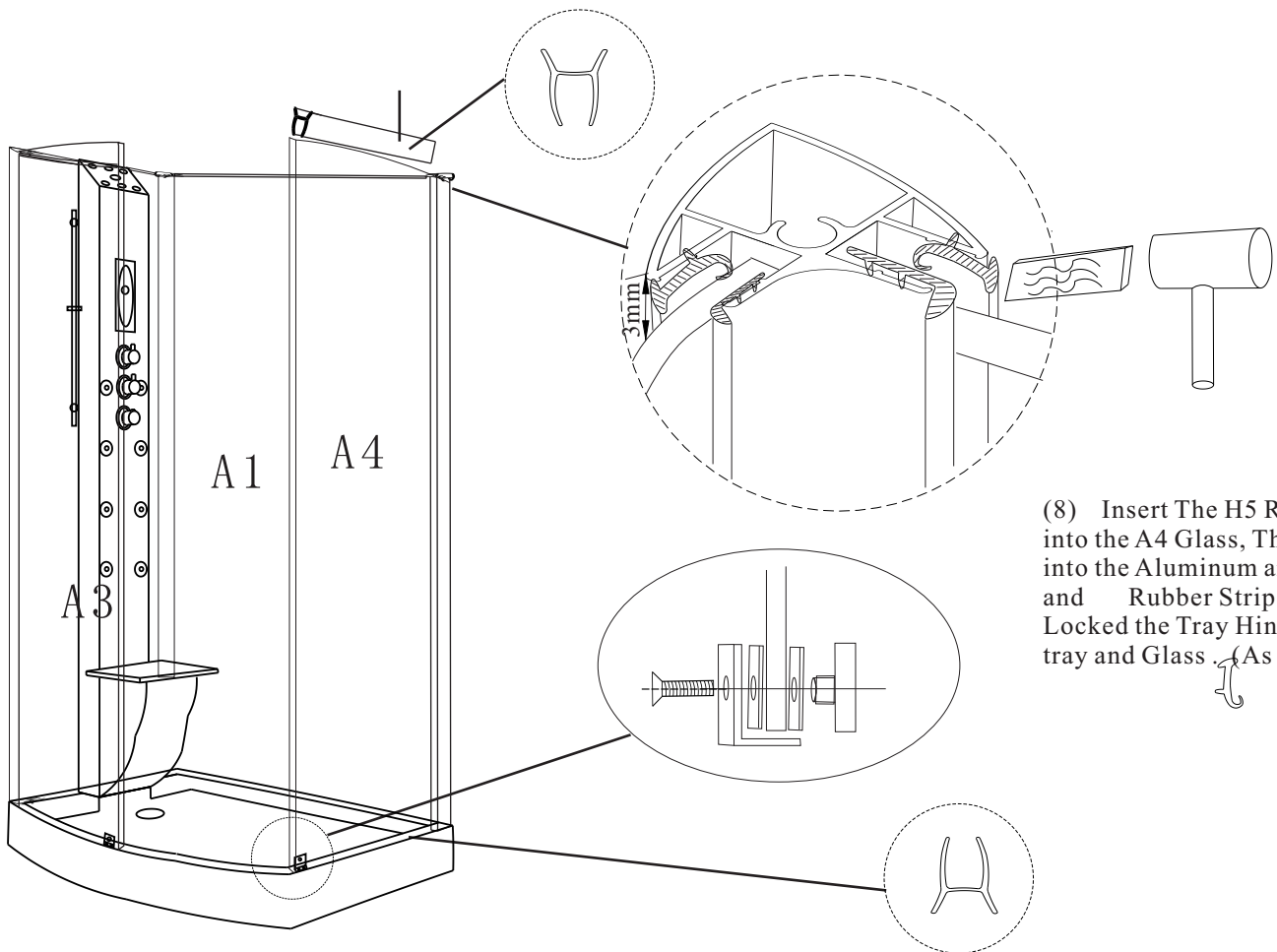
(6) Let the A2 Glass Sticked with the Back side of The Big Aluminum Column edge. Then Locked the 4 Hinge With Screw . (As Picture 8)

Picture 8



(7) Insert The H5 Rubber Strip into the Glass Which install in Picture 5, Then Put on The Tray and Let the A2 Glass Sticked with the Back side of The Big Aluminum Column edge. Then Locked the 4 Hinge With Screw . At Last Locked the Tray Hinge From The tray and Glass . (As Picture 9)

Picture 9

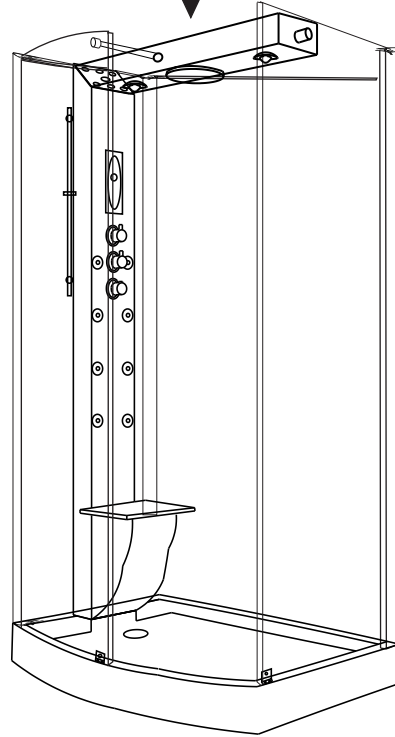
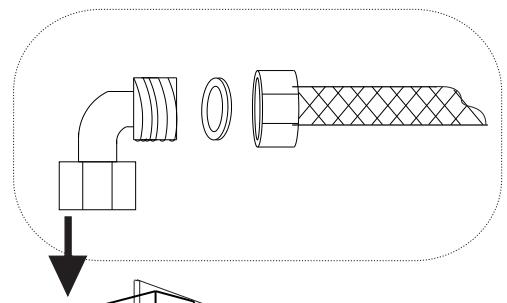


(8) Insert The H5 Rubber Strip into the A4 Glass, Then Full Insert into the Aluminum and Fixed By and Rubber Strip , At Last Locked the Tray Hinge From The tray and Glass . (As Picture 10)

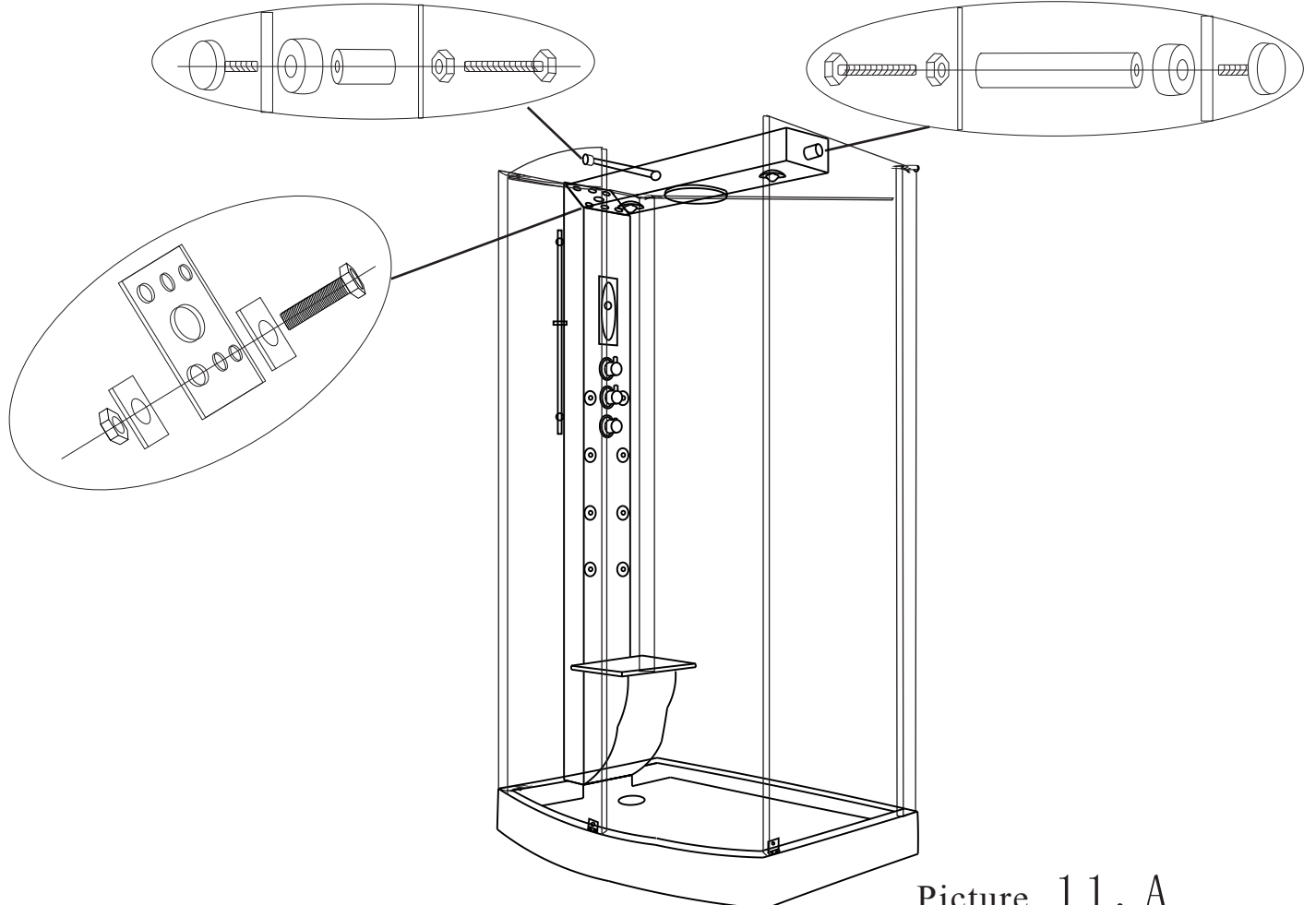
Picture 10

4. Install The Head Aluminum

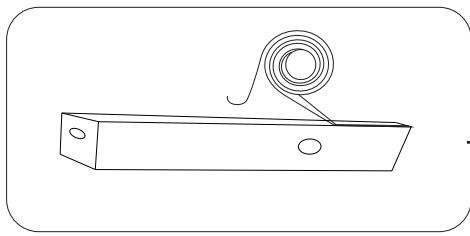
Head Aluminum Match the Big Aluminum Column 'S' Hole exactly ,Then Locked with zinc Gasket . Then Install the Two Pole as picture show . The Head Shower Pipe should Through The Hole and connect with the Head Shower with Gasket (as picute . 11.A and 11.B)



Picture 11. B

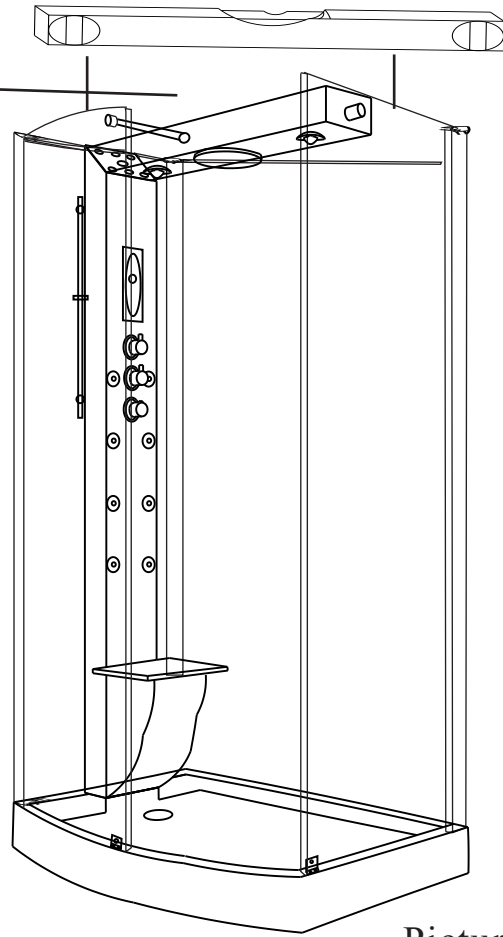


Picture 11. A



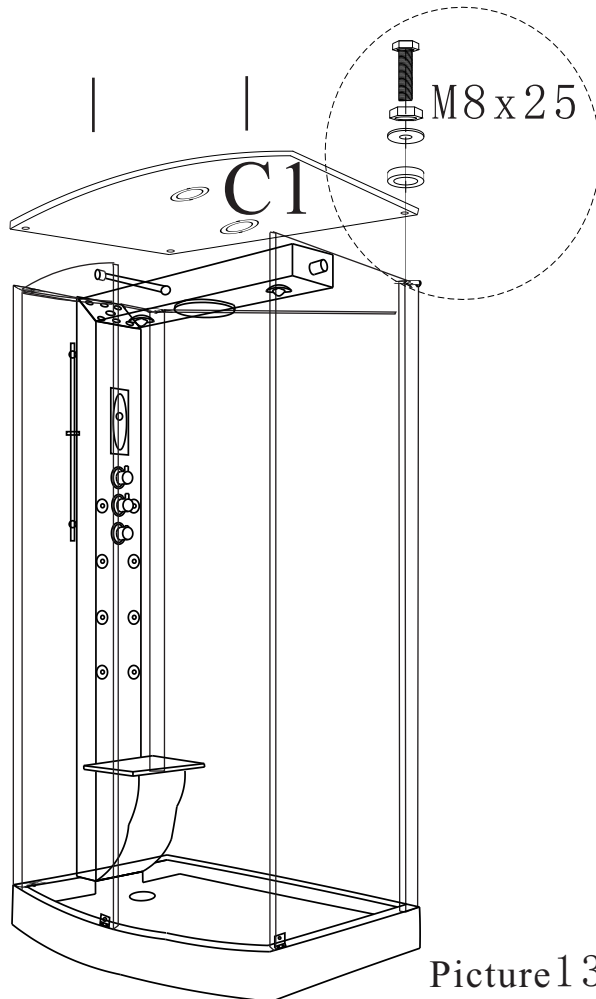
5. Install The Top Cover

A. Use the Level Ruler Test The Head Aluminum is Balance . Then Sitk One or Two Layer of Yellow Stick pastern as picture show. Make Sure There is Level Balance with the Glass . (As Picture 12)



Picture 12

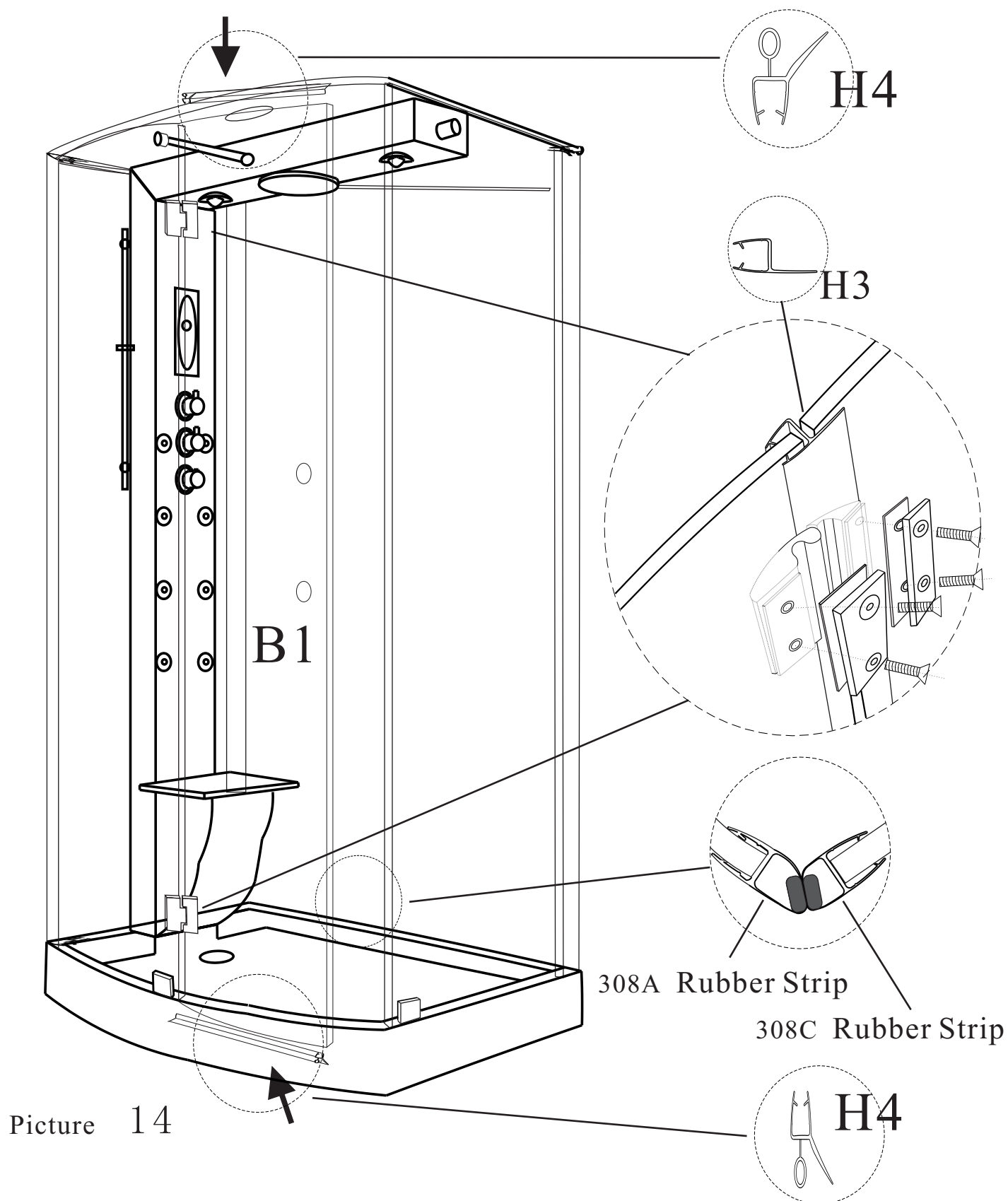
B . Install The Top Cover match The Hole with Aluminum, Then Fixed with the M8 x25 Screw with Gasket (as picture 13) (Note: The Screw should not too Tight ,For it is Glass .). .



Picture 13

6. Install the Glass Door

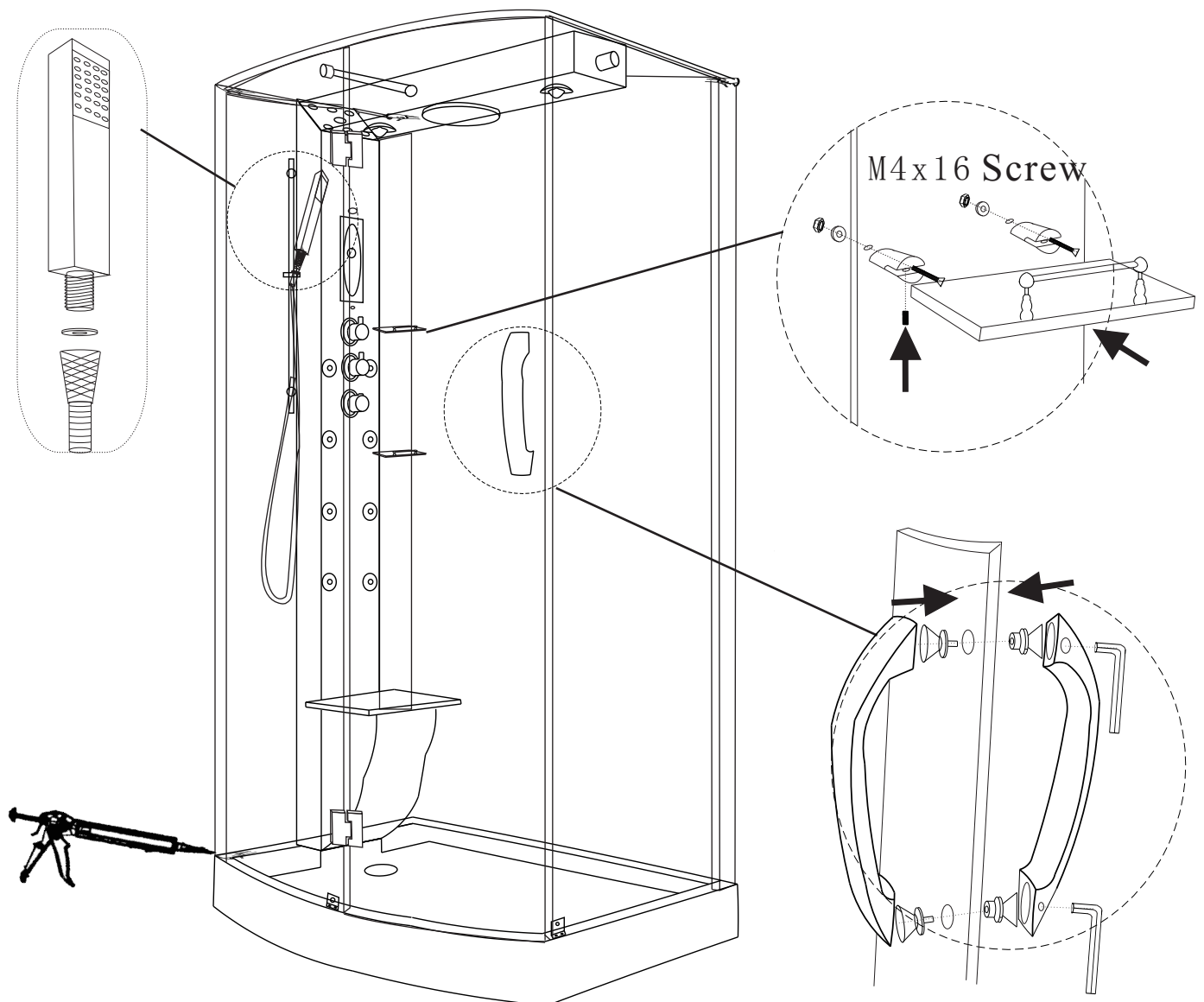
1. Install the Glass Hinge First . Then fixed the Glass Door with the Hinge as picture 14.



Then Insert the Rubber Strip.

2. If the Magic Rubber Strip not sealling well .you could Adjust the Hinge of the Glass fit the Door Glass Balance .

7. Install The Accessory As Picture 15 Show



Picture 15

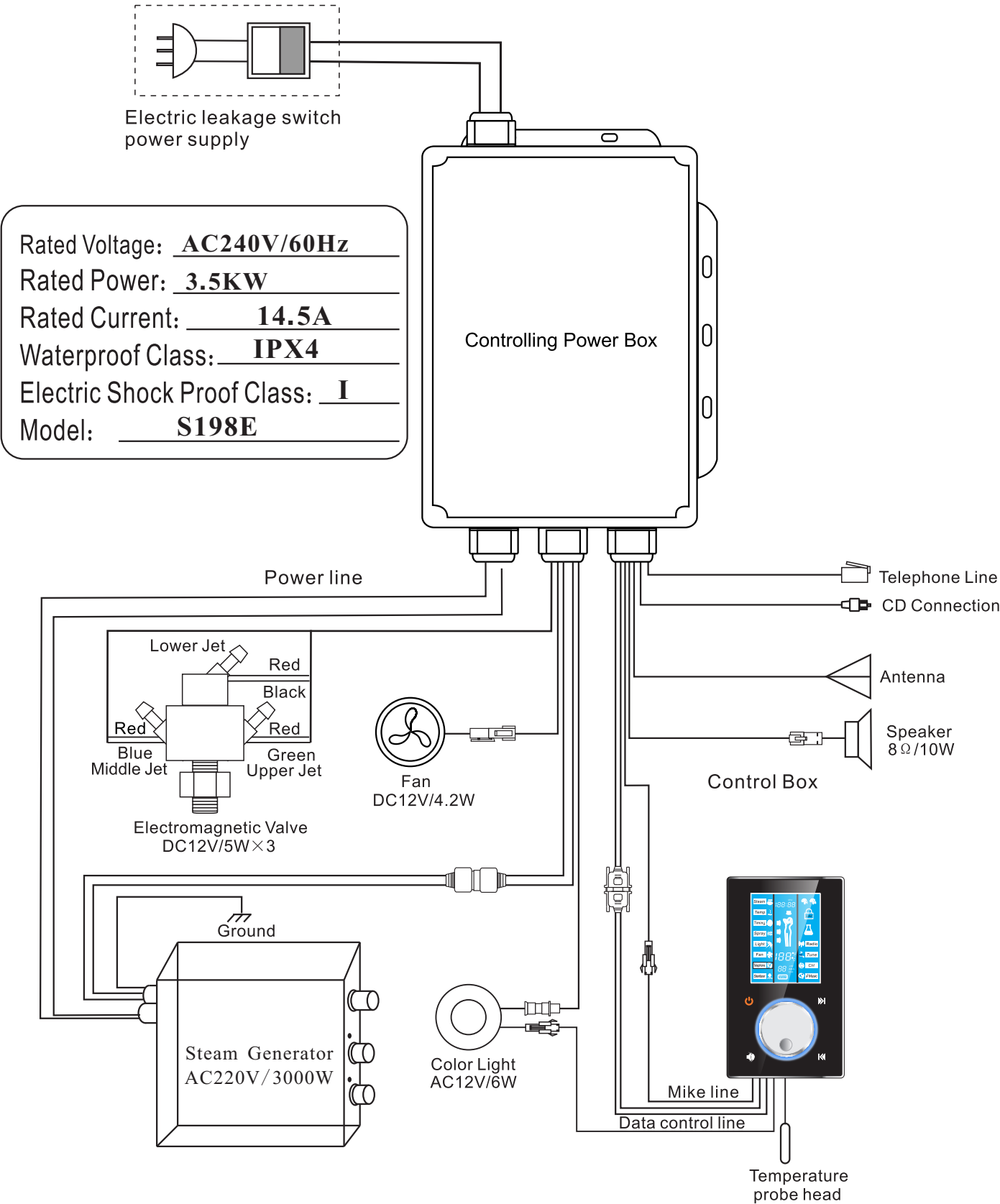
8. Connect the pipe

- A.connect the Steam Generator to Steam Box with Pipe (Note: All Pipe must with Plastic Pad.)
- B.connect the Steam Generator water outlet of tub Drainer on the bottom .
- C.connect the top shower , Handle Shower pipe in back side .

9. Follow the instruction strictly, connect the electric line as indicate : The speaker ,fans ,ozone ,handle shower , connect draining pipe . Check and make sure all installation is safe after finish.

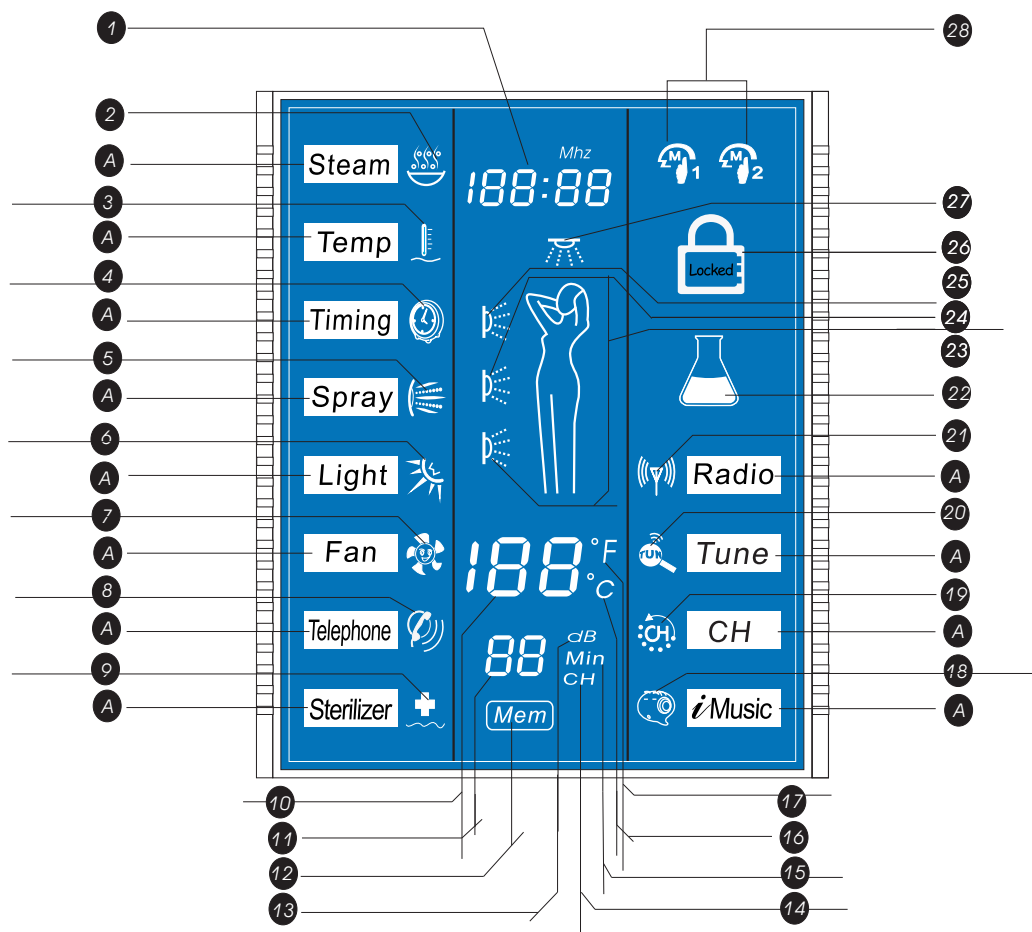
S198E control system operation

Layout of S198E wire connection

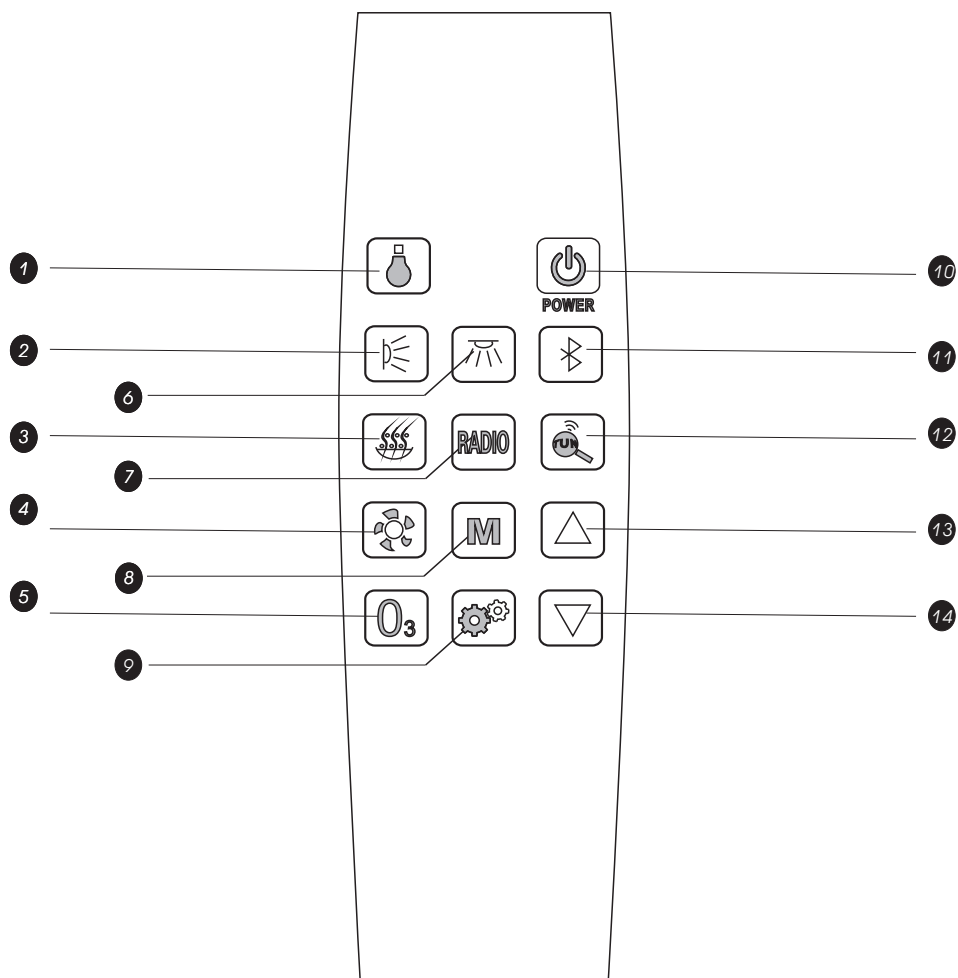




- ①-----LCD screen
- ②-----Power switch
- ③-----Shuttle switch
- ④-----Volume control
- ⑤-----Last song
- ⑥-----Next song



- | | |
|--|-------------------------------------|
| 1 -----Radio frequency indication | 28 -----2 modes of shortcut key |
| 2 -----Steam | 27 -----Overhead spray |
| 3 -----Steam temperature setting | 26 -----Keyboard lock |
| 4 -----Steaming time setting | 25 -----Upper spray |
| 5 -----Spray | 24 -----Middle spray |
| 6 -----Lighting | 23 -----Lower spray |
| 7 -----Fan | 22 -----Cleaning |
| 8 -----Telephone answer | 21 -----FM |
| 9 -----Sterilization | 20 -----Channel search |
| 10 -----Temperature indication | 19 -----Turning |
| 11 -----Display of volume,minute,channel | 18 -----Bluetooth |
| 12 -----Stored channel indication | 17 -----Fahrenheit indication(none) |
| 13 -----Volume indication | 16 -----Celsius indication |
| A -----Cursor | 15 -----Minute indication |
| | 14 -----Channel indication |



- | | |
|------------------------------------|---|
| ① -----Lighting function key | ⑧ -----Channel storage function key |
| ② -----Side spray function key | ⑨ -----Setting function key |
| ③ -----Steam function key | ⑩ -----Switch function key |
| ④ -----Fan function key | ⑪ -----Bluetooth function key |
| ⑤ -----Ozone function key | ⑫ -----Turning/song switch function key |
| ⑥ -----Overhead spray function key | ⑬ -----Tune rising function key |
| ⑦ -----Radion function key | ⑭ -----Tune falling function key |

I.notes:



- 1.this panel is equipped with capacitive touch buttons,make sure to advod direct Contact with shower head while selecting installation loaction of the panel.Otherwise it would lead to maloperation or trigger the panel lock.
- 2.all function keys are located at the most conveniet locations.
- 3.the panel would give a sound once being energized.

II.function introduction


- | | | | |
|-------------------|------------------------|-----------------|--------------|
| 1、 spray massage; | 2、 steaming; | 3、 exhaust fan; | 4、 FM; |
| 5、 lighting; | 6、 ozone disinfection; | 7、 bluetooth; | 8、 telephone |

(1) start up/shut down and unlocking of panel



①、 startup

Touch  on the panel or press  on the remote control to turn on the system. The back light of shuttle switch and LCD screen would light up; the screen would show current temperature. The system would automatically set a countdown of one hour and turn on the overhead light.


②、 shutdown

When the system is operational and unlocked, touch  on the panel or  on the remote control to turn off the system. It would also stop functioning as the countdown ends

③、 Locking / unlocking of the panel




When the system is operational. The panel would be locked for no operation in 30 seconds and the icon  on the LCD sreen would light up, press shuttle switch to unlock the panel. The icon  would disappear and all keys on the panel would become operable.



(2) Instruction for use

After stratup the default location of cursor would be **Steam** . Rotate the shuttle switch to move the cursor. After the cursor moves to a function, press the shuttle switch or the function keys on the remote control to quickly turn on and turn off the function. The icons would light up after functions are turned on and vanish after functions are turned off.

(3) operating instruction





1. Setting of steam function, temperature and duration





①. Move the cursor to **Steam** , press the shuttle switch or momentarily press  on remote control to start the steam bath function. After startup, the icon  would light up.

 would flash for shortage of water. Press the shuttle switch or  on remote control again to turn off the steam function. After the steam function is turned on, the steam machine would shut down automatically as the steam temperature reaches the set value and reopens as the steam temperature falls below the set value.

②. The default steam temperature is 45 °C and the default duration is 45min.

③ Setting of steam bath temperature: After turning on the steam machine, move the cursor


to **Temp** , press the shuttle switch or momentarily press  on remote control to enter the temperature setting mode. As the icon °C flashes, rotate the shuttle switch to adjust the temperature or press  on the remote control to raise the temperature or  to lower the temperature. Temperature setting range: 25 ~ 60 °C.



④ setting of duration: After turning on the steam machine, move the cursor to **Timing** , press the shuttle switch or momentarily press  on remote control to enter the temperature setting mode, then momentarily press once again to enter duration setting mode. As the icon *Min* flashes, rotate the shuttle switch to adjust the time or press  on the remote control to increase the time or  to decrease the time. Timing range: 5 ~ 50min.

⑤. Settings of temperature and time would automatically take effect in 3 seconds, the system would exit the temperature and time setting mode.




⑥ Drainage: 5 minutes after the shutdown of system, the steam tank would drain water for 3 minutes.




2. Spray

Move the cursor to **Spray**  and press the shuttle switch. The first press would turn on upper spray; the second press--switch to middle spray; the third press--switch to lower spray; the fourth press would start the automatic cycle of upper, middle and lower spray; the fifth press--switch to overhead spray. There is a 1-second delay before the overhead spray starts; the sixth press would turn off the spray. The spray type would change every 5 seconds in the cyclical mode.




In the case that the remote control is used to control the spray, momentarily press  on the remote control. The first press would turn on upper spray; the second press--switch to middle spray; the third press--switch to lower spray; the fourth press would start the automatic cycle of upper, middle and lower spray; the fifth press would turn off the spray. When the overhead spray is off, press  on the remote control to open overhead spray (other sprays are off). Then press the button again to turn off overhead spray.

3 Exhaust fan function




Move the cursor to **Fan**  and press the shuttle switch or momentarily press  on the remote control to turn on or turn off the exhaust fan. Icon  would light up after startup.



4. Move the cursor to **Light**  and press the shuttle switch or momentarily press  on the remote control to turn on or turn off the lights. Icon  would light up after startup.



5. Ozone disinfection






When steam machine, spray, fan and multimedia are off, move the cursor to **Sterilizer**  and press the shuttle switch or momentarily press  on the remote control to turn on or turn off the ozone. After startup, icon  would light up and all other functions would be disabled except lighting function. Emission of ozone would last 10 minutes, then the exhaust fan would automatically start and operate for 15 minutes.




6. Radio Function


Move the cursor  **Radio** and press the shuttle switch or momentarily press  on the remote control to turn on or turn off the radio function. Icon  would light up after startup.

① Channel search: After turning on the radio function, move the cursor to  **Tune** and press the shuttle switch or press  on the remote control to turn on the channel search



function. Then the LCD would show channel and the icon “Frequency”^{Mhz} would flash. Rotate the shuttle switch to turn on incremental tuner or momentarily press  and  on the remote control to switch channels. The step length is 0.1MHz.

In radio mode, touch  or  to start automatic upward, downward search; or press  on the remote control to enter channel search mode and press  or  on the remote control for one second, which would start automatic upward, downward search until a valid station is obtained.

After unlocking the panel and exiting from function settings, touch  or . The cursor would automatically return to  **Tune** and start the automatic upward, downward search until a valid station is obtained




② Station storage: when a radio station has been found (the “radio frequency” icon would flash), press the shuttle switch for 2 seconds or press  on the remote control for 2 seconds to store the current radio frequency. The LCD would show the frequency and icon **Mem** would flash for two seconds; in this way, at most 10 radio frequencies can be stored on different channels.






③ Frequency range: 87.5 ~ 108.0MHz.

④ Switch of channels: When the radio is turned on and the panel is unlocked, move the cursor to  **CH** press the shuttle switch, rotate the shuttle switch or momentarily ,press  on the remote control to switch channels and play programs on the stored radio channel.


7. Bluetooth


Turn on the system and the power supply of Bluetooth module. Bluetooth module would connect to cellphone 5 seconds later; Bluetooth module would break the connection and refuse connection request when the system is turned off.

Move the cursor to  **Music** and press the shuttle switch or momentarily press  on the remote control to turn on or turn off the Bluetooth function. After Bluetooth is enabled, icon  would flash for no connection and would be dynamically displayed for successful connection. The screen would show "OFF" when the music halts and "On" when the music goes on.


After turning on Bluetooth player, momentarily press  on the panel to switch to the next song, momentarily press  on the panel to switch to the previous song. When using remote control to switch songs, you first need to press  on the remote control to song switch mode, then press  to switch to the next song and  for the previous song.





8. Phone function

After turning on the system and completing Bluetooth connection, the cursor would automatically move to “Telephone” icon, the icon would light up and **Telephone** would flash when a phone call comes in. Press the shuttle switch to answer the phone, the icon  would be dynamically displayed. Then press the shuttle switch to hang up the phone and the multimedia player would automatically return to the original state.

During the access to or reception of phone calls, the cursor can only move between non-multimedia functions and phone. After the cursor moves to a non-telephone icon, it would automatically return to the phone icon for no operation in five seconds. Multimedia control keys on the remote control will be disabled during ringing and reception of calls. When a phone call comes in, touch  to reject the call.

9. Volume control

In the radio and Bluetooth mode, touch  on the panel to enter the volume adjustment mode. Icon dB would flash on the LCD screen. Rotate the shuttle switch to adjust volume. Wait for 3 seconds or press the shuttle switch to exit from the volume adjustment mode.

In radio or Bluetooth mode, when the remote control is used to adjust the volume, momentarily press  on the remote control to enter volume adjustment mode if steam machine is off, then press  or  on the remote control to increase or lower the volume; if the steam machine is operational, momentarily press  on the remote control to enter the mode of steam temperature setting, press again to enter the mode of steaming duration setting, then press again to enter volume adjustment mode. The fourth press would return to the steam temperature setting. As the system enters the volume adjustment mode, dB would begin to flash on the LCD screen.

IV、Fault code:

Display on nixie tube	Fault Name	Cause	Description
E10	Overtime water intake	A. General water valve is not open; B. Failure of inlet valve control system; C. Failure in water level detection.	After the steam function is turned on, the system will open water inlet after it detects shortage of water. If the system shows no water after 10 seconds or the tank remains unfilled after 1 minute, the system would report "E10" fault as well as turn off steam function and inlet valve.
E16	Temperature anomaly	A. Failure of temperature detection circuit; B. Failure of temperature probe.	When the system is turned on, it shows "E16" fault and turn off the steam function. Cut off the power and check the temperature probe as well as related lines
E18	Communication Fault	A. Short circuit or open circuit in communication line; B. Fault of communication driver circuit; C. Damage of CPU I / O port.	During normal use, the board and the display box have communication problems for five successive seconds, the system shows "E18" fault and automatically turn off all external load. Please check whether the computer cables are properly connected.

V、Technical parameters:

conditions & features

Rated voltage	<i>Ac220 V</i>	Rated frequency	<i>50HZ</i>
Rated current	<i>15A</i>	Rated power	<i>3300W</i>
Insulation resistance	<i>>20MΩ</i>	waterproof rating	<i>IPX5</i>

Load configuration parameters

Load Category	Rated load voltage	Rated load frequency	Rated load power	Other
Steam	AC230V	50HZ~60HZ	3550W	_____
Lighting	DC12V	_____	10W	_____
Fan	DC12V	_____	5W	_____
Solenoid valve	DC12V	_____	6X5W	_____
Speaker	_____	_____	8 Ω / 10W	_____
Ozone	DC12V	_____	5W	_____

Size of control box	
Panel	$L*W*H= 177 * 105 * 20 \text{ (mm)}$
Electric control box	$L*W*H= 195 * 135 * 75 \text{ (mm)}$

Note 1: We follow the general requirements and enterprise product standards regarding the safety of electrical appliances for household use or similar purposes.

Manual drain:

Turn off the system, press the shuttle switch for 2 seconds to open the drainer, keep pressing the shuttle switch until all water drains.

