**DZ901A/L Installation Instruction**

Important safe information

1. Please read this instruction and assemble the steam shower according to it.
2. The leakage protection switch must be installed. Besides, please try it to check whether it is safe enough before formal using.
3. The ground line of the product must be connected to the earth permanently.
4. To avoid being shocked by the electricity, please prepare enough plugs and fixed them near to the steam shower. Please change those old or disrepair wires in time.
5. It is strictly forbidden to use the steam shower after drink or eat some hypnotic medicine.
6. Children should be guided by parents while using.
7. Especially note: The using water temperature should not pass 60 centigrade or 140 Fahrenheit.
8. Do not use any strong chemical liquid such as Vitriol, Hydrochloric acid, Lye and so on to clean the steam shower.
9. There is a connecting screw in the Wire Connecting Box, to avoid being shocked by the electricity, please be sure to connect this screw to the ground wire which is fixed on the power board. It is better to use the same size insulated wire to connect them, and the connecting wire diameter should not less than 1.5 square millimeter cooper-core wire.
10. Warning: To avoid being shocked by the electricity, please be sure to connect the DFCI/RCD to the ground plug.
11. If the steam shower with 3KW/4.5KW/6KW steam generator, the diameters of wires which are used not less than 2.5squre millimeter/ 4squre millimeter/ 6squre millimeter.
12. It is not allowed to use any moisture enhancing machine in the steam shower.

Installation wiring diagram
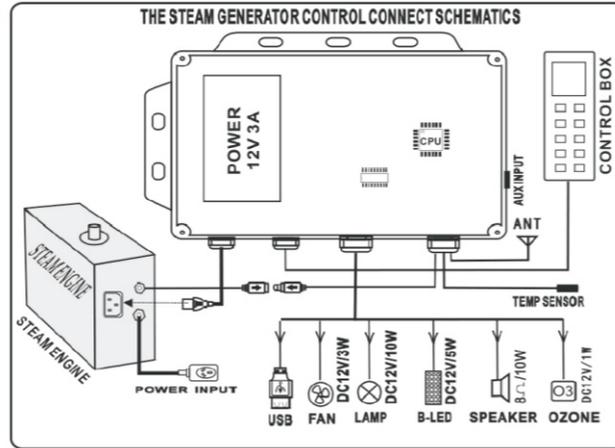
THE STEAM GENERATOR CONTROL CONNECT SCHEMATICS

CONTENTS

Electrical parts specification

Configuration / Parameter	massage pump	steam generator	ceiling light	exhausting fan	Solenoid valves	CPU	Speaker	Note
Rating voltage		AC220−240V/50HZ	DC12V	DC12V	DC12V	AC220−240V/ 50HZ		
Rating voltage		AC240V/60HZ	DC12V	DC12V	DC12V	AC240V/60HZ		
Rating power		3000W	10W	3W	5W		10W	
Rating power		4500W	10W	3W	5W		10W	
Rating power		6000W	10W	3W	5W		10W	

Installation Instruction
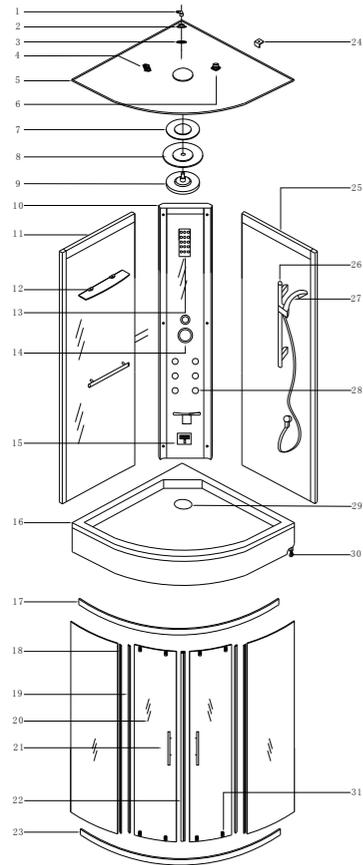
1.1/2" cooper elbow	2.1/2" cooper nuts	3.4mm plastic seal	4.90*90 ventilator

5.metal roof panels	6.loud Speaker	7.colorful light	8.lampshade

9.rain fall shower	10. back panel with display keypad	11.side panel with shelf	12. tempered glass shelf

13.display keypad	14.fuction selector valve	15.steam port	16.acrylic shower tray

17. upper aluminum track	18.waterproof seal	19.F-sharp seal /stripes	20.left movable door

21. door handle	22.magnetic seal	23. lower aluminum track	24.stainless steel block

25. right back panel	26.adjustable shower bar	27.hand held shower wand	28. 6 water jets

29. plastic drainer	30 adjustable legs	31 movable door rollers	

Parts package

4x10 self-tapping screw	stainless steel block	M6X30 screw	4x25 self-tapping screw

4x35 self-tapping screw			

DZ901A/L size:42" x 42" x 87" (1060 x 1060 x 2220 mm)

2200
(87")

(6.3")
160

(42")
1060
305
(12")

303
1060
(42")
(12")

100
(6.3")

Electrical outlet

50
(1.97")

100
(3.94")
Hot water   Cold water

(90.55")
2300

1100 (43.3")

(16.14")

(16.14")
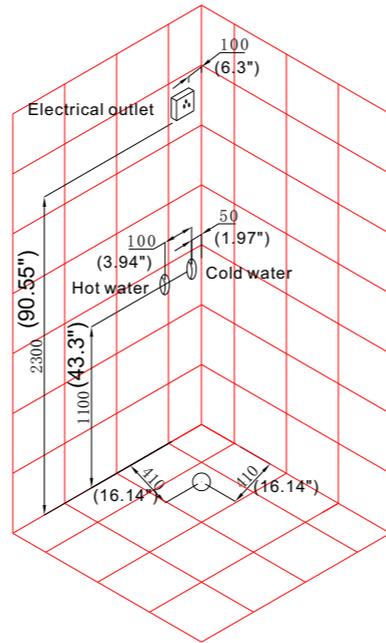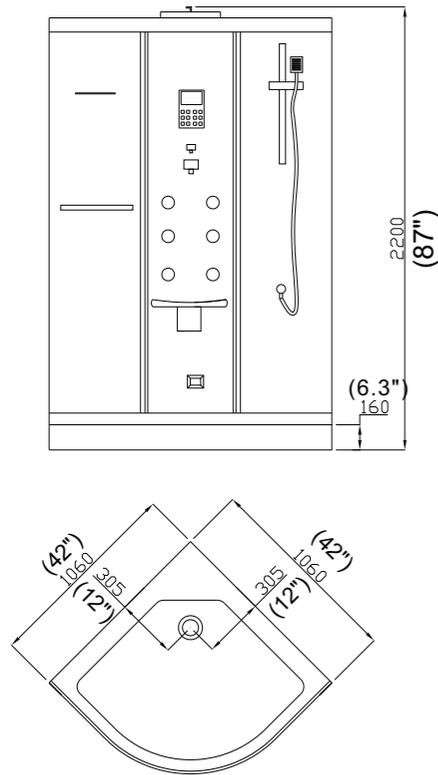
Install the shower tray
1.Please lay the shower tray on the suitable installation place,and adjust bottom legs till the shower tray meets horizontal condition.
  Method:Put a Beam Level on the shower tray, and check if the shower tray is horizontal enough. If not, please use a wrench to adjust the height of bottom legs.Please refer to illustration A.
2.The waste drainer and pipe have been assembled well, please check whether they become loose or not. If not loose,please insert the bottom waste pipe into the bathroom waste pipe and fix it well is okay.

Wrench

beam level

adjustable leg

A
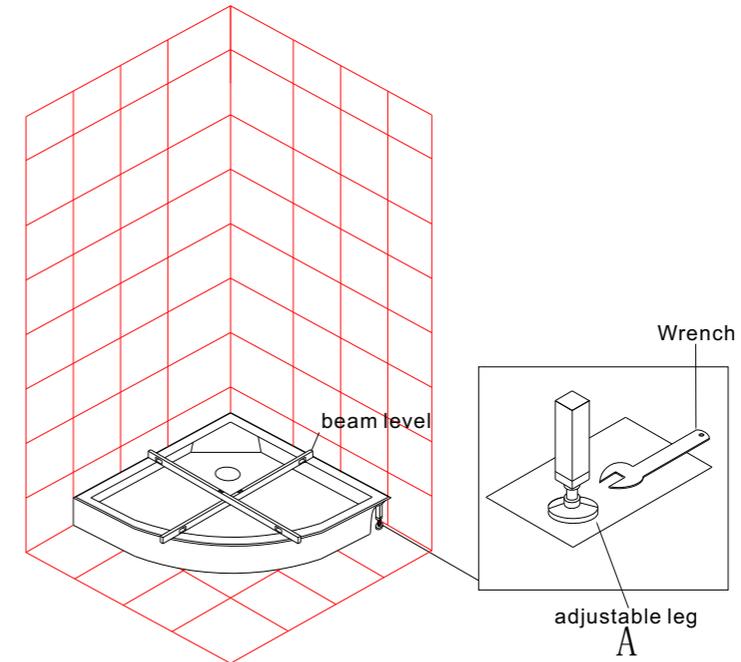
Install the No.3 middle back panel, the No.1 left side panel and the No.2 right side panel

1.Please take out the No.3 middle back panel and put it on the shower tray gently, then 1 person hold it on.

2.Please take out the No.1 left side panel,and put it on the left side of the No.3 middle panel gently. Then 1 person hold on the No.3 panel and the No.1 panel.The other person use a Phillip Screwdriver or an Electrical Screwdriver to fix No.1 back panel and No.3 back panel with M4*25mm self-tapping screws,please refer illustration A. Then button up all the decorative covers, please refer to illustration B.

3.Please take out the No.2 right side panel, and install it on the shower tray the same way as above illustration A like the No.1 panel.

4X25 screws

A

B
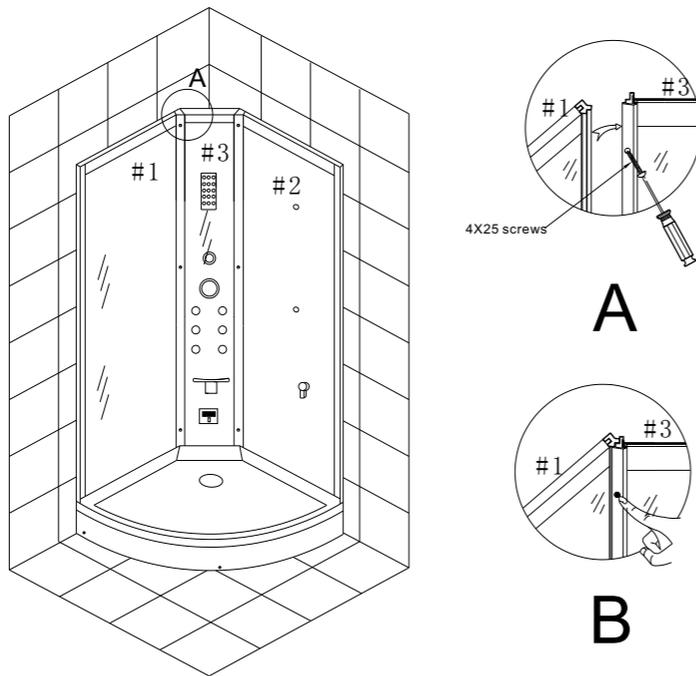
Install the Bottom Aluminum track and the front fixed doors

1. Please take out all aluminum tracks. and pick out the bottom aluminum track from them (Please note that the bottom aluminum track slot is upward and the upper aluminum track slot is downward),and then put the bottom track on the front of the shower tray gently.

2.One person hold on the bottom aluminum track and the other person use a Phillip Screwdriver or an Electrical Screwdriver to fix the bottom aluminum track right end and the No.2 side panel aluminum profile together with M4*35mm self-tapping screws. Please refer illustration A.

3.The same way to fix the bottom aluminum track left end to the No.1 side panel aluminum profile as above illustration.

4.Please take out No.4 and No.5 front fixed doors, please note they are Interchangeable. Just pay attention that on the glass panels lower place with tempered labels.

5.Put the No.4 fixed door on the shower tray, and insert its left edge into No.1 side panel aluminum profile. Please make one person hold it on and the other person take out one piece single-sided thin rubber strip. Please rinse the rubber strips under a faucet with some water(If with a little water on it and it will be easier to install it). Then one person stand outside of the steam shower and insert the strip to the No.1 side panel aluminum profile slot to block the No.4 front fixed door not moving. Please refer the illustration B.

6.The same way as above to install the No.5 front fixed door and its single-sided thin rubber strip.

single-sided thin rubber strip

B

4X35 screws

A
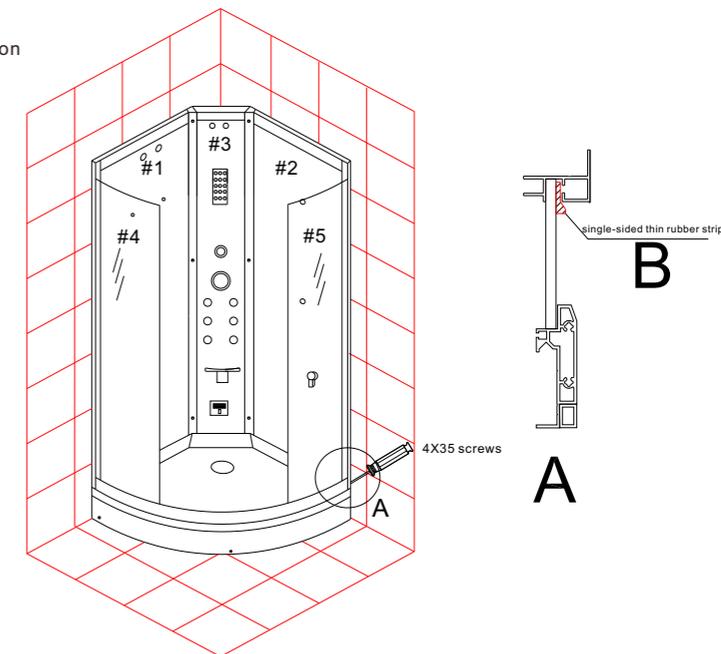
Install the upper aluminum track
1.Please take out the upper aluminum track,and put it on the top of No.4 front fixed door and No.5 front fixed door. Make one person to stand beside to hold it on.
2.The other person use a Phillip Screwdriver or an Electrical Screwdriver to fix its left end and its right end to the No.1 side panel aluminum profile and the No.2 side panel aluminum profile with M4*35mm self-tapping screws.
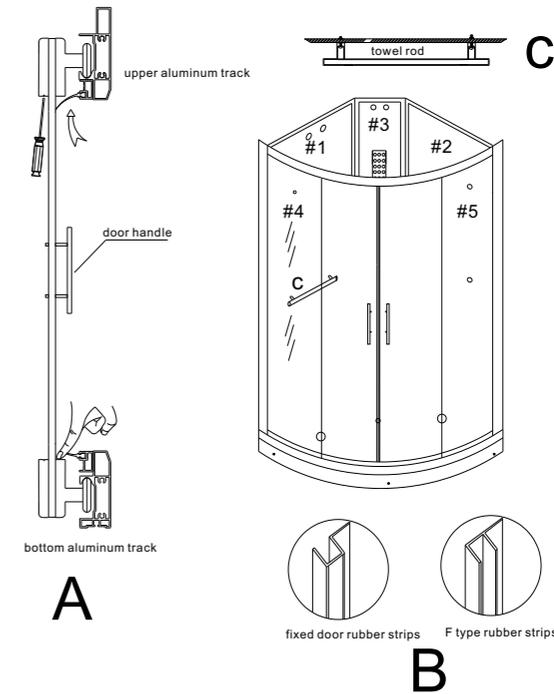
4X35 screws

#3

#1   #2

#4   #5

upper aluminum track

A
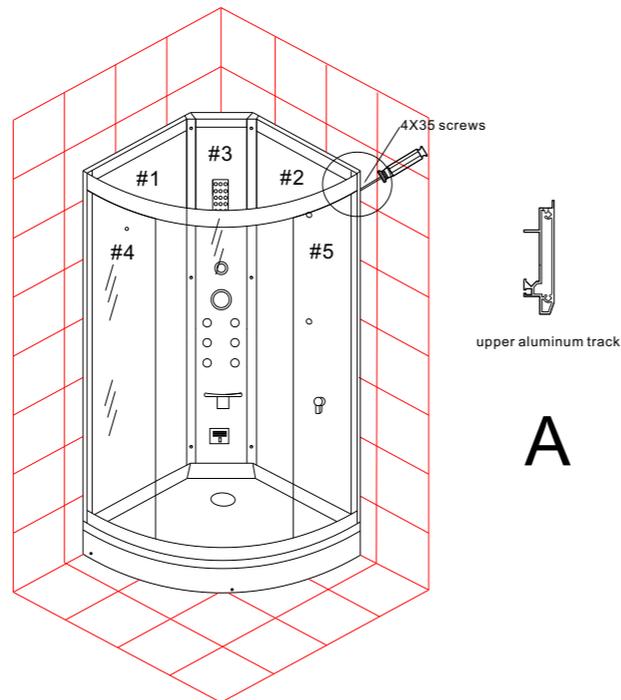
Install movable doors,the movable door F-sharp rubber strips, door handles and the towel rod
1.Please take out the movable doors and take out the door rollers. Install door rollers to movable glass doors. Each movable door with 2pcs upper rollers and 2pcs bottom rollers.Notice:Please note the rollers with spring knobs are bottom rollers, and the rollers without spring knobs are upper rollers.
2.One person carry the left movable door(the left movable door and the right movable door are interchangeable) and hung its upper rollers to the upper aluminum track. The other person press the bottom rollers spring knobs and make the bottom rollers hook in the bottom aluminum track. Please refer illustration A. The same way to install the right moving door.
3.Take out the door handles and install them to the movable doors.
4.Please take out F-sharp rubber strips and magnetic seals, and assemble them to moving doors.Please refer to illustration B.
Notice:After assemble the movable doors with spare parts well, please sliding them and check whether the movable doors close well, whether sliding smooth and so on.If not,please use a Phillip Screwdriver to adjust the movable doors upper roller screws. Adjust upper rollers until make movable doors close well and sliding smooth well is okay.
5.Take out the towel rod,one person stand inside of the steam shower and hold on the towel rod, the other person stand behind of the steam shower and fix its screws and cushions.Please refer to illustration C

upper aluminum track

door handle

bottom aluminum track

A

towel rod   C

#3

#1   #2

#4   #5

C

fixed door rubber strips   F type rubber strips

B

Install the metal roof panel, the glass shelf,the adjustable shower bar&handheld shower

1.Please take out the metal roof panel,and put it on the top of the steam shower gently.Then use a Phillip Screwdriver or an Electrical Screwdriver to fix the metal roof panel to the No.1 side panel aluminum profile and No.2 side panel aluminum profile with 4x10mm self-tapping screws and 304ss Z blocks. Please refer to illustration A.

2.Please take out the glass shelf with spare parts. One person stand in the steam shower to hold on brass brackets, the other person stand behind of the No.1 side panel to fix the 4mm rubber gasket,6mm cushion,4x20mm screws and 4mm screw nuts. Please refer illustration B. Please insert the glass shelf to the fixed well brackets,and fasten the screws well is okay. Please refer illustration C.

3.Please take out the adjustable shower bar&handheld shower with spare parts.One person stand in the steam shower to hold on the adjustable shower bar brackets and the other person stand behind of the No.2 back panel,then two person together to install brackets to the No.2 back panel with 4mm rubber gasket,6mm cushion,4x20mm screws and 4mm screw nuts. Please cover the adjustable shower bar to the fixed well brackets is okay.Please refer illustration D.

4.Please hung the handheld shower to the adjustable shower bar and joint the shower chain to the fixed well bracket. Please refer illustration E.
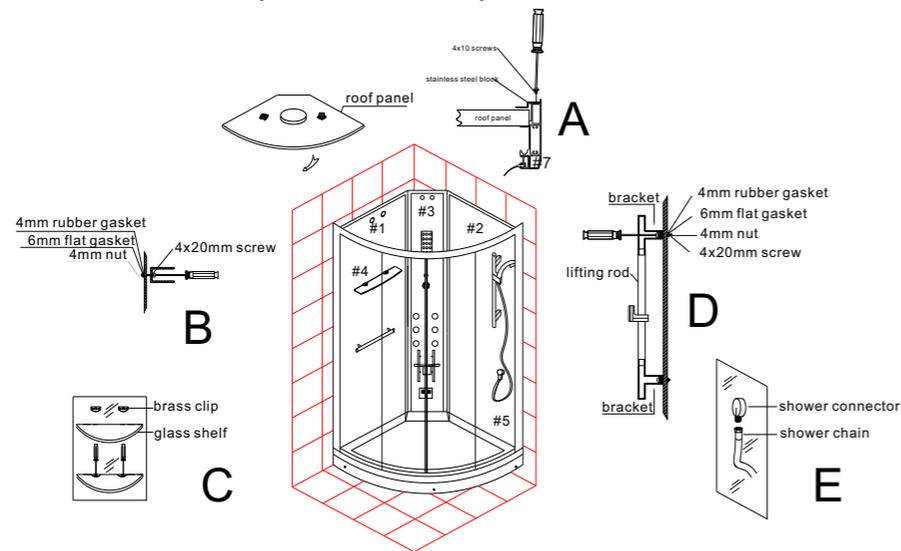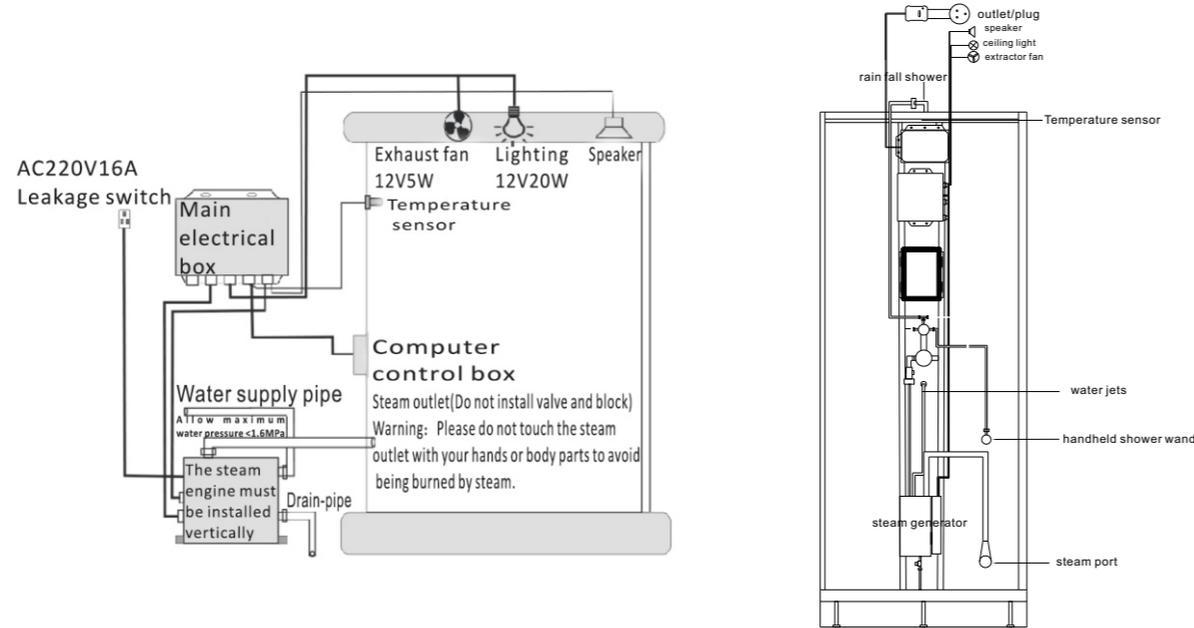
Fix side back panels to shower tray

1. Use Phillip Screwdriver or Electrical Screwdriver to fix the No.1 side back panel to the shower pan drilled well holes with M6*30mm screws. Please refer illustration A.

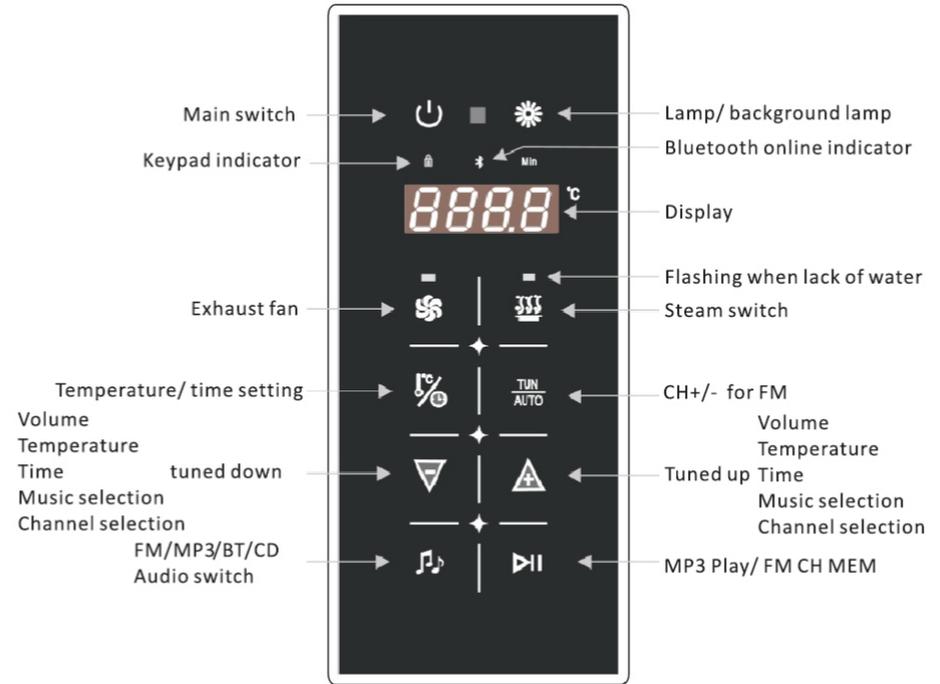2.The same way to fix No.2 back panels to the shower tray also.
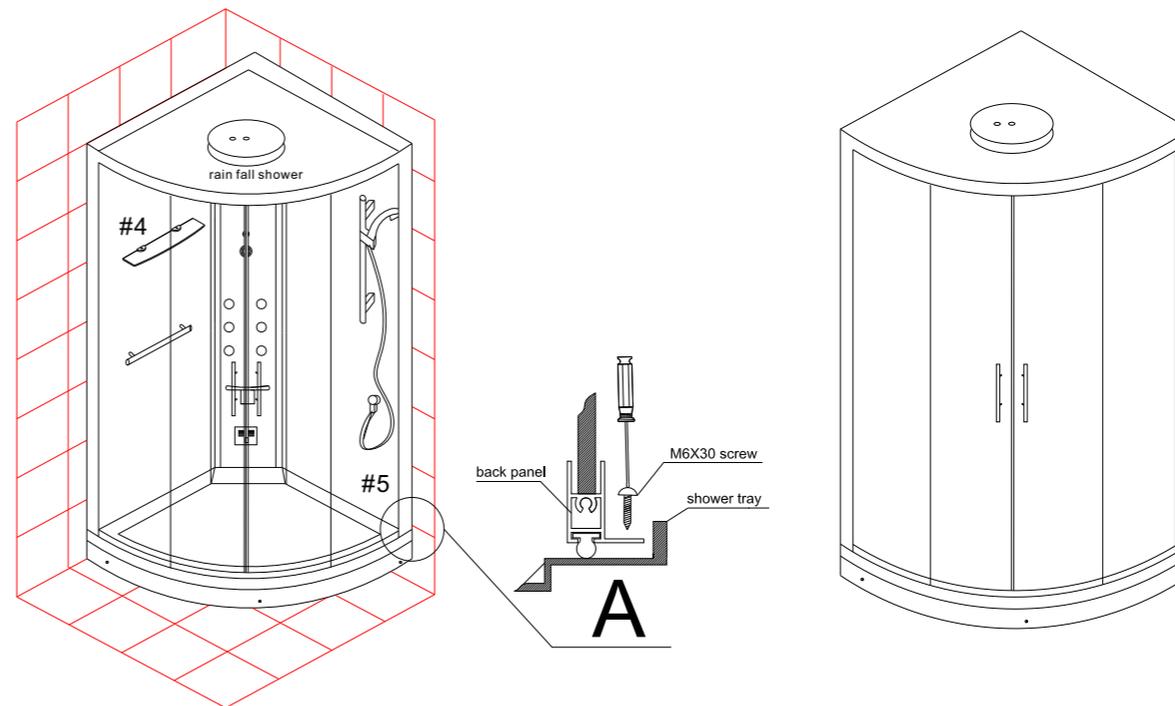
Installation instruction 8

1. Please connect the top ventilator wire, the speaker wire, the top light wire to relative plugs.
2. Please connect the rain fall shower pipe, the steam pipe, the steam waste pipe, the hot water inlet pipe and the cold water inlet pipe well and fix all of them well. Then please check all wires and pipes again that connect well.
3. Use a clean towel to clean the shower tray and the whole steam shower. Then please test the steam shower all functions work well. Have any questions, please don't hesitate to contact with your local supplier get professional helps!

AC220V16A
Leakage switch

Main electrical box

Water supply pipe
Allow maximum water pressure <1.6MPa

The steam engine must be installed vertically

Drain-pipe

Exhaust fan 12V5W
Lighting 12V20W
Speaker
Temperature sensor

Computer control box
Steam outlet(Do not install valve and block)
Warning: Please do not touch the steam outlet with your hands or body parts to avoid being burned by steam.

outlet/plug
speaker
ceiling light
extractor fan

rain fall shower

Temperature sensor

water jets

handheld shower wand

steam generator

steam port

Main switch
Keypad indicator

Lamp/ background lamp
Bluetooth online indicator

Display

Flashing when lack of water

Exhaust fan

Steam switch

Temperature/ time setting
Volume
Temperature
Time   tuned down
Music selection
Channel selection

CH+/- for FM
Volume
Temperature
Tuned up Time
Music selection
Channel selection

FM/MP3/BT/CD
Audio switch

MP3 Play/ FM CH MEM

1. Sauna
(1)Press ■ to switch on the steam room.Press again to switch if off. The steam room will shut down in 60min automatically.

(2)The temperature and time setting:press ■ set the temperature,MIN--set the time.Press "+" or "-"to set the temperature or time up or down.

Time:
(You can set it up for 1-60 minutes at willthe default setting is 60 minutes when it is turned on.)

60 Min

Temperature:
Temperature displaying:（10-60 degree）
Temperature setting:（20-60 degrees are set at random and the built-in setting temperature is 50 degrees)

50 ℃

(3)Fan function:press ■ key to turn on/off the fan function.

(4)lamp/background lamp:

A,the lamp will light up when turn it on and go out when turn it off.

B,Press "☀" can turn on the lamp.

Lamp off
background lamp on → Lamp off
background lamp on → Full closed

(5)steam function:
Press the ▦ steam function key,and the luminescent tube light on there will be steam 1min later.The system runs at the temperature and timing you set(If no set,it will run at 50 degrees and 60min which is built by the system)The system enters the thermostatic state when it reaches the setting temperature.When the time is set steam function closes and steam signs go out .When it reaches the setting time,the steam function closes and steam signs go out.

(6)Intelligent alarm function:
The steam indicator flashes and it is accompanies by"beep,beep" sound which indicates that the steam engine is short of water,please check whether the water supply is normal,otherwise the steam function will be turned off in 1min.

2. FM/MP3/BT/CD mode
Press ■ key to turn on the radio,press again to turn on the Mp3 mode,press for the third time to turn the Bluetooth,press for the fourth time to turn on the CD mode.

FM function

(1),Pull the radio antenna to the "Y" shape, press "♫" to switch to FM function, and the display will immediately displays the radio frequency with volume up, and the speaker has a slight sound.
FM Status:
FM 87.5-108MHZ
There are 20 memory channels in it.

107.9

(2),Turn channels for Fm: Press "TUN AUTO", press (△) or (▽) to turn a channel after the display displays "TUN". Short press (i.e., click) is for manual fine tuning. The long press (that is, more than 1second at the time) will automatically move up or down until the station is received. If the reception environment is bad or it is a weak signal station, it is proposed to turn a channel manually.

(3),Save channels:
After you select the radio, press the (▶||) button, and the display will show " CH01" to store the channel you just selected to location 1. The storage location number will automatically increase when the channel is selected, and the range of storage location is CH 0 1 to Ch2 0 .

(4),Taking out a channel for Fm:
You can take out"△"and"▽ "the storage you want directly by pressing the (SET) key. And the display screen shows "CH01 - CH20" correspondingly.

(5),Fully automatic selecting channels:
Long press " TUN AUTO " key for 2 second into the automatic search mode, press "▶||" key after it displays "TUN", then the system will be automatically searched in the FM band (87.5-108mhz) from the low end to the high-end, and the display screen will display the current search frequency in real time. When the radio was found, the screen showed "01CH ", indicating that the system had found the first radio station and the automatic storage it. Then The system will continue to search until 20 channels are full stored or the full frequency band is been searched.

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Mp3 function

MP3 function:Press (♫) to switch to the MP3 status like the picture on the right

USB play MP3 mode: → 0-00

(1),Play: Insert a USB stick with MP3 tracks and the system will play auto matically and show the track time.
(2),Selecting songs: Short press (△) or (▽) can forward or backward a song

Bluetooth function

1), Bluetooth connection of mobile phone:Press ♫) to switch the function to the Bluetooth "BT" position, the display displays "b 7", and the blue state indicates light twill blink which means searching for Bluetooth devices. It will stop blinking and the Bluetooth symbol is lit after matching successfully. Search for mobile phone Bluetooth device, the first time online must be Bluetooth pairing, and the specific operation is as follows:

Open the Bluetooth Settings for your phone → Search device → Search device → Pairing → Pairing successfully
The speaker will have a music, and the display displays a symbol "b 7" then it stop blinking(pairing finish). As shown in the figure

displaying after pairing   b7

2), Play music in the phone on Bluetooth state:
Open the phone music player, and the following music playback operation can be performed on the panel:
Play/ pause: Press (▶||) can play/ pause.
Selection of music: Short press (△) or (▽) can forward or backward a song.

External audio function

external audio function:
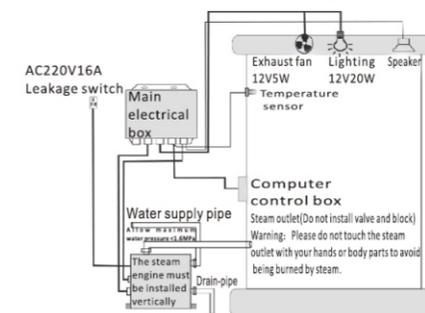Press (♫) to switch to CD status, as shown in the right   cd

3.Power-off: Press the ■ key can switch off all the functions and the water outlet will be work for 2seconds. In case that it is not used for long time, please pull off the master power switch.

4.Special reminder:

The keyboard will enter the lock status if the keyboard will not be operated in 2 minutes. Press " ⏻ " to unlock the state.

Locking keyboard status:

8888

AC220V16A
Leakage switch

Main electrical box

Exhaust fan
12V5W Lighting
12V20W Speaker
Temperature sensor

Computer control box
Steam outlet(Do not install valve and block)
Warning: Please do not touch the steam outlet with your hands or body parts to avoid being burned by steam.

Water supply pipe

The steam engine must be installed vertically Drain-pipe

1, To select the appropriate place outside in the sauna room installation steam generator, it can be installed by suspending or standing on the floor, the position of the selected should consider both electrical wiring supply and drainage pipeline connection and maintenance. The cabinets cables and pipes should be firmly fixed.

2, In order to reduce the sediment in the water tank in the process of use, it is preferable to add the water filter to the intake port, especially in the hard water area. When the machine is used for a period of time, it should clean up the water in the tank regularly to prolong the service life of the machine.

Steam shower room trouble shooting

Fault	Reasons	Solutions
Can not turn on the machine	1.Not connect to the power 2.the control wire between controller and electric box has not been connected properly	Connect to the power properly
The lamp does not work	1.electric fuse in the box is break 2.the wire for lamp is loosen 3.the lamp is broken	1.Change different spec fuse 2.Reconnect the wire properly 3.Replace with new lamp
There is no steam	1.there is no water in the steam enginer 2.initialization of the steam temperature is lower than normal temperature 3.initialization of the time is zero	1.Check if the providing water switch has been turn on. If not, please turn on the switch. 2.Make the temperature get higher than the normal temperature 3.Reestablish the time
Poor radio result	1.the antenna has been not pulled out 2.the radio frequency has not been adjusted properly 3.the user is in weak signal area	1.Pull out the antenna and place properly 2.Readjust radio frequency properly, you can choose the channel by manual way
No sound from loud speaker	1.the volume is too low 2.the cable of speaker get loose 3.the speaker is broken	1.Increase the volume 2.Reconnect the wire properly 3.Replace the loudspeaker
When you have the sauna bath, the creepage switch is on.	The switch is moisture.	Dry the switch with the air duct
The fan does not work	1.the interface of fan gets loose or make wrong the plus or minus electrode 2.the fan is broken	1.Connect the wire properly 2.Replace one new fan
The steam generator can not enter water or drain off water	1.The steam generator can not conneted to the control cable well 2. Water Inlet Solenoid Valve or Water outlet Solenoid Valve is broken	1.Reconnect the wire well 2.Replace new water inlet solenoid valve

Maintenance service card

Item number	
Serial number	
Customer name	
Phone number	
Address	
Agent shop	
Phone number	
Purchasing date	