

KARAG

bathroom experience...

JUNO K-9706

Usage & Installation Manual



Ten. Faults elimination

| Faults | Causes | Solutions |
|---|---|--|
| No power supply | 1. The plug is not set properly. 2. The leakage protection switch trips. 3. The fuse plug cuts off. | 1. Set the plug properly. 2. Find out and eliminate the fault, get through the switch again. 3. Change the fuse plug. |
| No corresponding reactions after press the pneumatic switch | 1. The windtube of pneumatic switch is not set properly or leaks. 2. It is insensitive | 1. Set the windtube properly to prevent leakage. 2. Adjust the pneumatic switch |
| No steam | 1. Insufficient time for heating. 2. Lack of water in the steam generator. 3. Temperature in the room exceeds the set temperature. 4. The steam pipe is blocked or broken. | 1. Heat the water until generate steam. 2. Get through the tap water and provide enough pressure 3. Reset the temperature. 4. Clear away the stuff or change the pipe |
| No water from the acupuncture nozzle or shower, etc. | 1. The shunt valve is not revolved properly. 2. The pipe is broken. | 1. Revolve the shunt valve to the proper position. 2. Change the pipe |
| Leakage of tubes | 1. Inferior sealing ring. 2. Bad bonding of joint. 3. Pipes are broken. | 1. Change the sealing ring. 2. Adhere the joint properly. 3. Change pipes. |
| The lamp doesn't work. | 1. The wire is not connected properly. 2. There is something wrong with the lamp 3. There is something wrong with the amperite. | 1. Get through the connection. 2. Change the strip lamp. 3. Change the amperite. |

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Special safety tips

1. Users of power facilities shall comply with the national safety standards, the supply voltage and frequency and product nameplate, power must install the working current is less than 30mA leakage protection switch, and verify the grounding protection facility.
2. Power lines should be 3 core wire cross-sectional area of not less than 2.5mm (3×2.5mm) fixed permanent wiring.
3. For every new or reformed house should first drainage for about 10 minutes; let the pipeline sediment, debris cleared after bath water inlet pipe joint.
4. Each time after use, be sure to turn off the water and power.

One. Introduction

1. When install our steam room products, please carefully read this manual and know electrical parts in advance .
2. The company intend to grasp the development trend of this industry, constantly working to improve product quality, design innovation, product improvement, if any information in this manual does not match with products, please understand it.
3. This installation manual is an important text for the user to install and use the product, please keep it for reference.

Two. Features

1. Quality, performance ultra congregation of our sauna room , especially for the modern family, hotel and entertainment venues.
2. Special sterilization function, make your steam room air always fresh.
3. Using microcomputer technology, the performance of the product safety, anti-jamming, and impact resistance are better than others.
4. Automatically detect protection.

6. It should not set valve for the vapor pipe or block the pipe.
7. Do not touch the vapor outlet to avoid scald.
8. Installation, wiring and servicing must be done by a certificated electrician.
9. The Finnish sauna shall be connected to a separate power supply line with dedicated power switch and effective earthing. Power line for the shower box shall be at least 6mm in cross section area. Power supply for the steam shower box shall be accord with requirement of product labelling.
10. Water pressure used shall be 0.1~0.4MPa. Water source of the Finnish sauna should be controlled by water taps.
11. Temperature of hot water for the shower box shall be lower than 65℃.
12. If the sauna furnace is not loaded with rubbles, never switch it on, otherwise the heating element would be damaged.
13. Never use the sauna furnace as clothes dryer or barbecuing grill, because of the risk of a fire.
14. Never put a piece of wood and the like on the sauna furnace, never cover the furnace with any object, otherwise a fire is likely.
15. Never sit on the sauna furnace, lest you are scalded.
16. Never use chlorinated water of seawater lest the sauna furnace is damaged.
17. Normal cold water supply should be maintained when you switch on the steam generator, otherwise the steam generator would be damaged because of dry heating.
18. When you enter or leave the Finnish Sauna, never put your hand in the door gap lest your hand is injured.
19. To prevent accident, never allow a child or a person who is difficult in getting about to enter the Finnish sauna box unattended.
20. After use, always cut off power supply to the finnish sauna box and close the cold water supply and hot water supply.
21. Maintenance shall be carried out only when power supply is cut off.

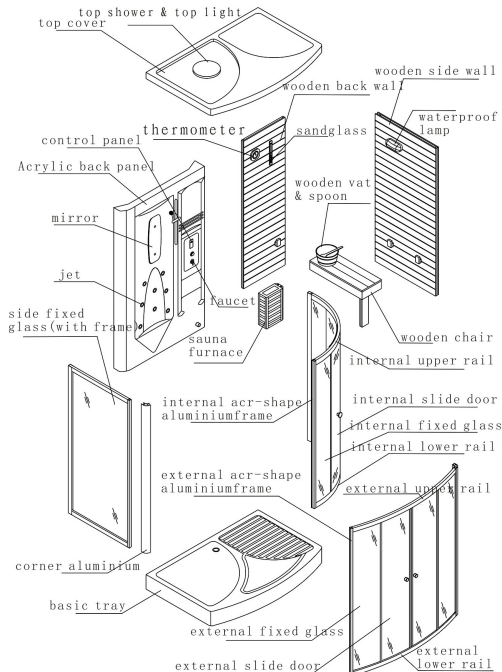
Eight. Maintenance

1. Keep bathtub or the tray clean and don't block the drainer.
2. Do not use vesicant in case of hydro-massage; do not use excessive plant cosmetics to prevent blocking the return screen.
3. Methods of cleaning hydro-massage system: add 40 centigrade water with appropriate cleanser beyond the jet; start hydro-massage for about 5 minutes and then begin to drain; next add clean water to start hydro-massage for about 3 minutes and finally begin to drain.
(Notice: especially when bathtub is not used for more than 3 days, it should drain the dirty water to clean the bathtub for use.)
4. The electroplating members should be erased slightly with flannel, but not coarse cloth, so as not to scratch.
5. When there is dirt on the backboard of the room, it is able to erase by wet cloth with little toothpaste.
6. When the metal column is smeared, it is able to erase by soft cloth with cleanser, but not scrape with knife or metal, so as not to scratch.
7. When the acrylic board is rubbed, scratched or burnt by smoke, it is able to shine by No.2000 waterproof abrasive paper with water and polish by soft cloth with toothpaste.
8. After shower or steam, open the movable door to ventilate to avoid the vapor or beads in the room for long time.

Nine. Notices for installation and usage

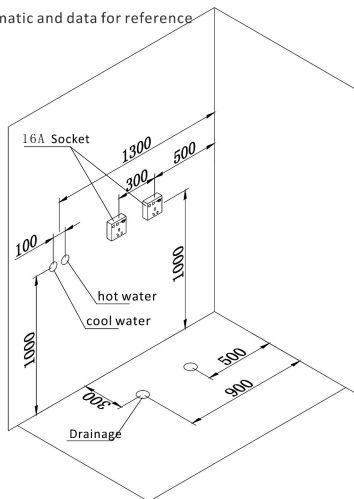
1. When buying and installing, it should pay attention to the location, size, power and installation area of the product, and ensure to provide sufficient load wires, voltage, current, absolute ground wires and normal range of hydraulic pressure.
2. Test the leakage protection switch before using, which can be used if it is in good condition.
3. In normal circumstances, it also should examine the leakage protection switch to see whether it is damaged or damped, if it does, change immediately; otherwise, we will not be responsible.
4. The elder, children and pregnant women should be in charge to use steam sauna.
5. The steam sauna is not applicable for the people with heart disease, high blood pressure, coronary heart disease, bad health or after drinking.

Three. The schematic diagram of steam room spare parts



Four. Water&Electricity Installation Diagram

1. According to the position of steam room power outlet and cold, the hot water pipe joints when install , the distance from 100-200mm will be appropriated .
2. When make the ground hole need to the bathtub drainer as the center outward about 250mm, if customers have preseted power outlet, cold and hot water pipe joints , drainer hole, please lengthen it until to the place holder .
3. schematic and data for reference

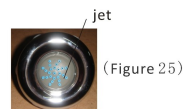


2. Different ways shower usage clockwise/counterclockwise the shower cover to different position can enjoy different spray massage .(Figure 24)



Figure 24

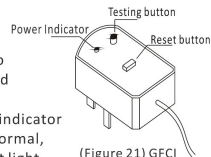
3. back acupuncture nozzle for you to enjoy the nozzle spray massage. (Figure 25)



Seven. The usage of leakage protection plug

1. Leakage protection plug usage as shown in Figure 21

- (1) lights to indicate power output of plug wire.
- (2) No light indicates that no power output, you should take the following ways:



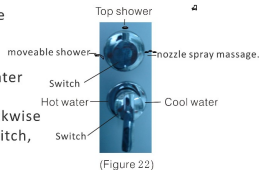
- ① Press the reset button, indicator light, power supply is normal, if the indicator does not light, may be :
 - A.Socket without power, electrical maintenance;
 - B. plug broken, replace the plug wire.
- ② press the reset button, quickly off after the indicator light, may be:
 - A. leakage, electrical maintenance;
 - B. plug broken, replace the plug wire.
- (3) The testing button is used to check if the leakage protection plug good or not , when the indicator light on , press the button then it will off, shows the plug is workable .

Six. Steam room mixers usage

1. Mixer and transfer switch usage (Figure 22)

(1) Mixer taps

- ① turn on the mixers the water will come out.
- ② when water flowing , clockwise /counterclockwise the switch, you can adjust the water temperature.
- ③ put down the switch to turn off the water supply.



(2) switch

Transfer switch has three-ways function .

Usually as follows steps :

- ① When you need to use the top shower, please put the transfer switch handle to the position, and lift the mixers, that can enjoy , put down the handles can turn off .
- ② When you need to use the moveable shower , please put the transfer switch handle to the position, and lift the mixers, that can enjoy , put down the handles can turn off .
- ③ When you need to use the acupuncture massage , please put the transfer switch handle to the position, that can enjoy the spray massage, put down the handles can turn off .

2. Usage for handshower lifting holding

Keeping pressing the button on the shower hanger, you can move the shower holding up and down for adjust the shower holding.

Five. Sauna room installation steps

1. Unpacking inspection

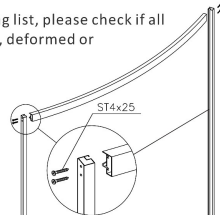
According to the products packing list, please check if all parts available, and the scratched, deformed or damaged ect .

2. read the instructions

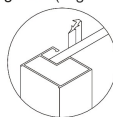
Read the instructions carefully, to understand the spare parts install position the installation requirements and assembly sequence.

3. Installation for external door

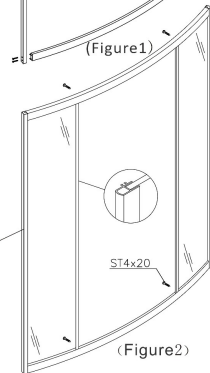
- ① Connect the external arc-shape lower/ upper guide rail and the left/right aluminium frame , use eight ST4x25 self-tapping screws to fix. (Figure1)



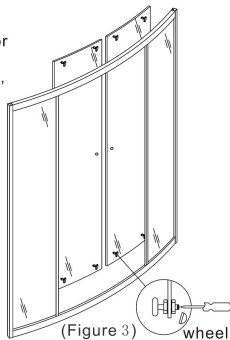
- ② Insert the external left and right fixed glass into the left and right aluminium side frame. And then insert the aluminium into the left and right fixed glass, Use four ST4X20 self-tapping screws to lock. Insert the single-side pressing seal to fix the glass. (Figure2)



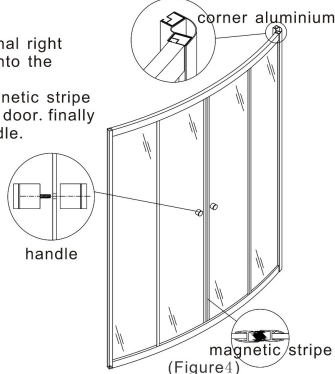
single-side pressing seal



- ③ Assemble eight wheels on the external slide glass door (No tighten). Hang the slide glass door on the upper rail, then insert the lower wheels into the lower rail. Lock tighten the wheels and adjust the screw of wheels to make sure can work smoothly, finally install the cover. (Figure 3)



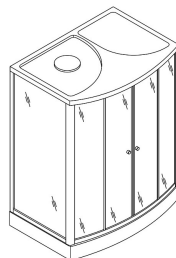
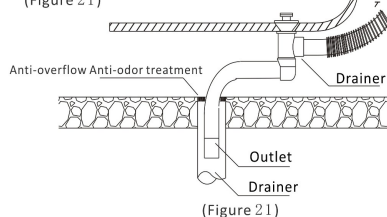
- ④ Insert the external right aluminium frame into the corner aluminium. Assemble the magnetic stripe on the slide glass door. finally assemble the handle. (Figure4)



8. Electric installation and machine testing

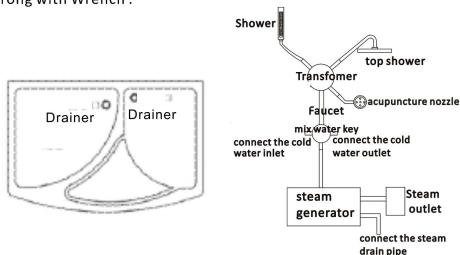
Connect the yellow-green ground with wire in room, put the power plug into a power outlet, please read our computer control panel manual and check the electricity before testing, if confirms ok that you can try the appliance

9. Testing finished successful, put the drain hose of the shower tray/bathtub into the ground hole, move the model to the location and close to the wall; add some glass glue into all the gaps, drying before cleaning the glass and the frame, then put into use. (Figure 21)



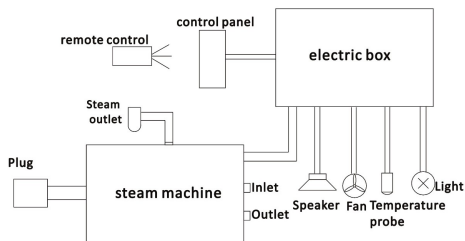
5. The waterways, circuit installation

Connecting water pipe (Figure 11), according to the identity of the various waterways and follow each supply line identification stickers or Line Plug color interpolation of the lines, non-connected wrong with Wrench .



basic tray

K9706 waterway diagram

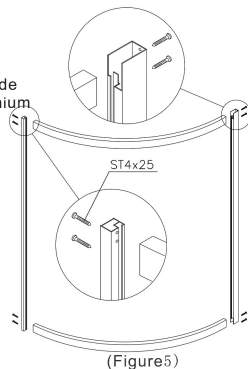


K9706 circuit diagram

(Figure20)

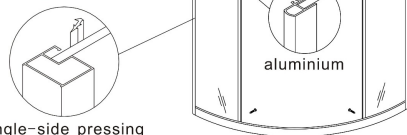
4. Installation for internal screen door

① Connect the internal arc-shape lower/upper guide rail and the left/right aluminium frame , use eight ST4x25 self-tapping screws to fix. (Figure5)



(Figure5)

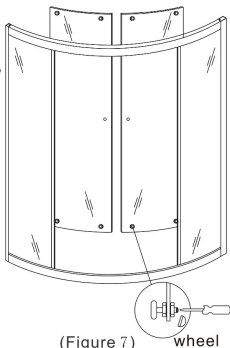
② Insert the internal left and right fixed glass into the left and right aluminium side frame. And then insert the aluminium into the left and right fixed glass, Use four ST4X20 self-tapping screws to lock. Insert the single-side pressing seal to fix the glass. (Figure6)



single-side pressing seal to fix the glass.

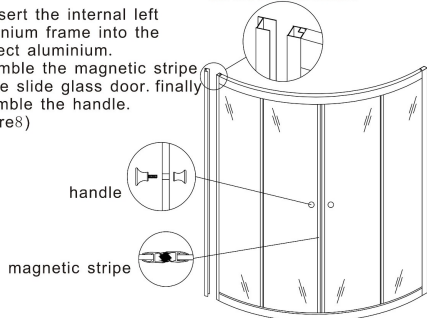
(Figure6)

- ③ Assemble eight wheels on the internal slide glass door (No tighten) . Hang the slide glass door on the upper rail, then insert the lower wheels into the lower rail. Lock tighten the wheels and adjust the screw of wheels to make sure can work smoothly , finally install the cover. (Figure 7)



(Figure 7) wheel connect aluminium

- ④ Insert the internal left aluminium frame into the connect aluminium. Assemble the magnetic stripe on the slide glass door. finally assemble the handle. (Figure8)



(Figure8)

6. Installation for parts

- ① Screw a St4x30 pan-head self-tapping screw on the left upper corner of back wooden panel, and then hang the sauna thermometer on the self-tapping screw. (See figure 17)



(figure 17)

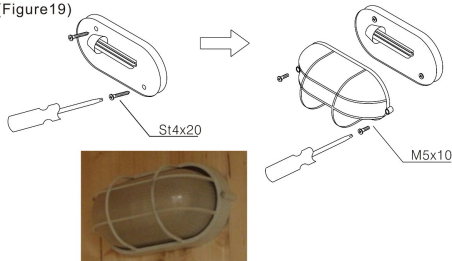
- ② Turn the sandglass body to the position of 90° to its base. Use two St4x20 pan-head self-tapping screw to fix the base of sandglass on the upper right corner of back wooden panel. (sandglass should be turnable thought 360°) (Figure18)



(Figure18)

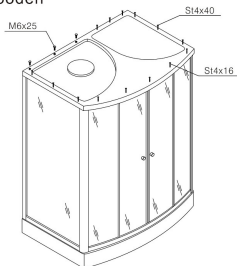


- ③ Take apart the waterproof lamp. Use two ST4x20 pan-head self tapping screw fixed the base of lamp on the upper left corner of the side wooden panel. And then use two ST5x10 circle-head machine screw fixed the shell on the base of lamp. (Figure19)



(Figure19)

- ⑦ Place the top acrylic cover on the roof, adjust position for alignment all hole, and then use three M6 X 25 hexagon head machine screw(with nut) joint the top acrylic cover and acrylic back board .Use six ST4X40 circle-head self-tapping screws fix the top acrylic cover on wooden wall and use eight ST4X16 circle-head self-tapping screws fix the top acrylic cover on the external upper rail. (Figure 15)



(Figure 15)

- ⑧ After checking and adjustment, fill the neutral silicone in the gaps between top cover/tray and acrylic back board to prevent leaking of water and vapour. Please wait for 24 hours before use. (Figure 16)

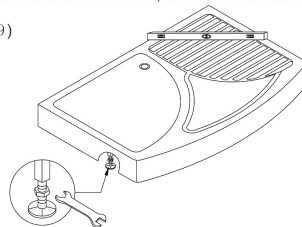


(Figure 16)

5. Sauna room installation

- ① Place the basic tray to the corner that close to the wall, respectively, using the levelling instrument to measure it , in order to make it horizontal, after that can fix it by anchor nuts.

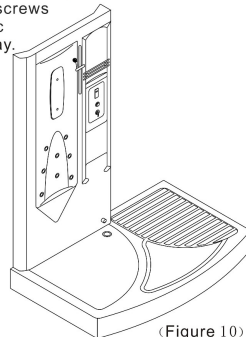
(Figure 9)



(Figure 9)Adjust horizontal position

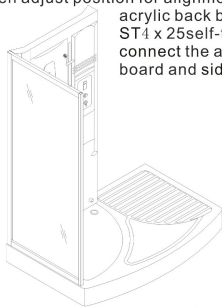
- ② Place the acrylic back board on basic tray, and then adjust position for alignment hole of tray. Use three M6 x 25 hexagon head machine screws (with nut) joint the acrylic back board and basic tray.

(Figure 10)



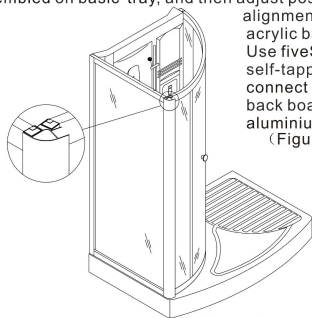
(Figure 10)

- ③ Place the side fixed glass (With aluminium frame) on basic tray, and then adjust position for alignment hole of acrylic back board. Use five ST4 x 25 self-tapping screws connect the acrylic back board and side fixed glass. (Figure 11)



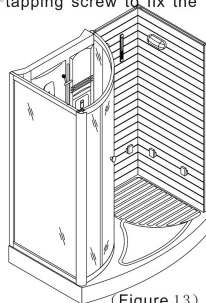
(Figure 11)

- ④ Place the internal arc-shape screen door that had assembled on basic tray, and then adjust position for alignment hole of acrylic back board. Use five ST4 x 25 self-tapping screws connect the acrylic back board and side aluminium frame. (Figure 12)



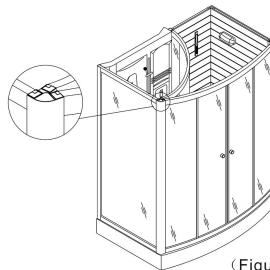
(Figure 12)

- ⑤ Place the wooden back wall and wooden side wall on basic tray, and then adjust position for alignment hole. Use six ST4 x 40 self-tapping screw to fix the wooden back wall and wooden side wall. Use five ST4 x 40 self-tapping screw to fix the wooden back wall and side aluminium frame. (Figure 13)



(Figure 13)

- ⑥ Place the external arc-shape screen door that had assembled on basic tray, Insert left aluminium frame into the left corner aluminium, and then adjust position for alignment hole of wooden side wall. Use five ST4 x 40 self-tapping screws connect the wooden side wall and right side corner aluminium. (Figure 14)



(Figure 14)