STEAM PLANET

By homewardbath

Royal Care Series

Installation & Operations Manual

Note: You must read all installation & operation instructions prior to assembly and use of this unit.

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Thank you for selecting Steam Planet Corp Computerized Steam Rooms.

In order to operate and use the product properly, please follow all instructions provided in this User's Manual. Our company reserves the right to change the Manual at anytime. The manual takes effect the date it is published. This manual shall prevail if there is any difference between this and previous documents and manuals.

Notice to installers (if applicable)

THE FLEXIBLE DRAIN HOSE THAT IS INCLUDED WITH THIS UNIT IS FOR INSTALLATION INTO AN OPEN FLOOR DRAIN ONLY. SUBSTITUTING THE EXISTING DRAIN SHOE FOR A DIFFERENT ONE WILL NOT VOID THE WARRANTY AS LONG AS THERE NO DAMAGE OR EVIDENCE OF MISUSE TO THE BASE.

IF A DIFFERENT DRAIN SYSTEM FOR THE SHOWER IS USED, THE STEAM GENERATOR MUST A HAVE DRAIN CONNECTION AVAILABLE TO DISCHARGE THE WATER INTO THE MAIN SHOWER DRAIN.
A $^{3}/_{8}$"OD STUB MUST BE ADDED TO THE MAIN SHOWER DRAIN TO CONNECT THE STEAM GENERATOR DRAIN OUTLET.

Note: Within the Warranty period, please don't take off the decals from the computer control boxes and the steam generator without manufacturer's permission. Have only licensed professionals install or perform any maintenance. Generally, our technicians can troubleshoot most problems over the phone. When calling for service questions, please provide your model number, serial number, Purchase Order, and type of problem you are having.

Tools required for installation:

Level

Screw driver #2 Phillips

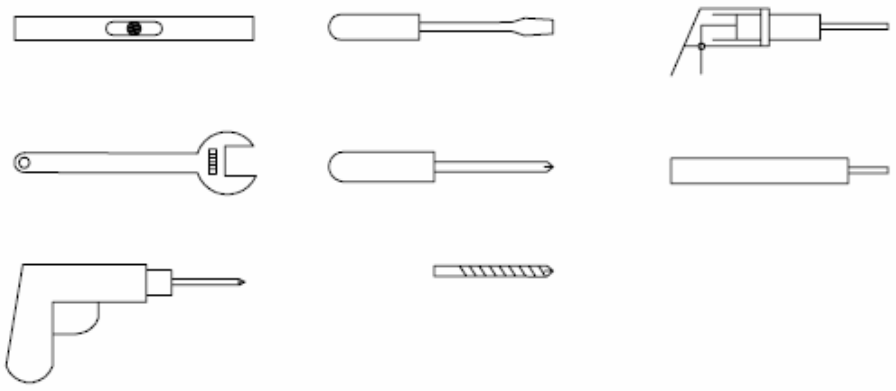
Silicone

Wrench

Electric Drill

Square Ruler

Rubber mallet



Product Features

DESCRIPTION	WS105
4.2kW Quick heating -Self-Draining Steam Generator	✓
3kW Quick heating -Self-Draining Steam Generator	
Steam Aromatherapy Cup	✓
Body Massage Jets	✓
Hand-held Shower w/ Various water massage settings & adjustable height bracket	✓
8 inch (203mm) wide water-drenching Rainfall Shower	✓
Thermostatic / Anti-scald Faucet	✓
Strengthened Black Back Tempered Glass walls	✓
Clear Glass Front & Doors	✓
Polished Aluminum Trim	✓
"Glass Touch"/no seam Control Panel	✓
Complete media center with FM Radio	✓
Wireless transmitter for all devices	✓
"Chromatherapy" LED multiple Color Lighting	✓
Waterproof Oak Shower floor Grid	✓
Accessory Rack	✓
Circulation Fan	✓
Corner Unit	✓
Folding Seat	
Removable Wood Stool	✓
Sliding doors	✓
Swinging Door	

Unit information

Model	Electric Parameter			Size		
	Voltage	Power	Frequency	Length	Width	Height
WS105	220V	4.2KW	60-50Hz	1200mm/48 Inch	1200mm/48 Inch	2250mm/88.5 Inch

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Steam Ready: 1-2 minutes, optimum room temperature reached within 2-5 MIN.

Electrical information

- 1 dedicated 12-2 wire with 20 amp GFCI breaker (220V)
- **Connect the overhead light, speaker, fan, CD, telephone according to the tags on the wires.**
- **Do not connect the wire "O3" to anything.**
- **Connect main power supply.**

Plumbing information

The unit is equipped with 3 ft. hot and cold, metal braided water supply hose with ½-inch national pipe thread to connect from faucet/manifold (Manifold is located. 4 ft. high on rear of unit) to the shutoff valves (should be installed where they can be accessed). **Note:** base edge sets directly against back and sidewall. Do not install any pipes along walls as to impede the base from setting flush against them.

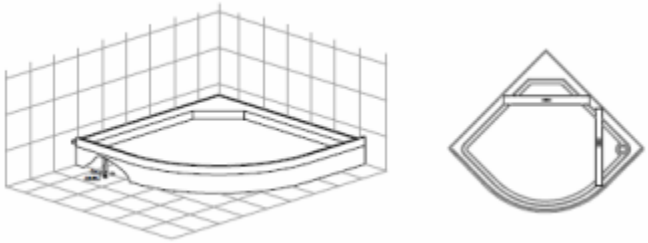
- Install hot and cold shutoffs with ½ -inch male national pipe thread (not included). Install shutoffs where they can be accessible.
- Access panel near controls, pumps, and jets is recommended
- **Drainage:** It is advised to have base onsite before preparing drain location. The diameter of the drain hole should be larger or equal to Φ40mm (1.6 inches).
- ***Note:*** The flexible drain hose included with this unit is for installation into a floor drain only. Substituting the existing drain setup for a setup of the installers' choice will not void the warranty of the unit as long as there is no evidence of misuse or damage to the base. If the substitute drain system is used, a 3/8 in stub must be added to the main shower drain line to connect the steam generator's automatic flushing drainage hose.
- **All fixtures and fittings must be checked for tightness as they may have been loosened during transport**

General information

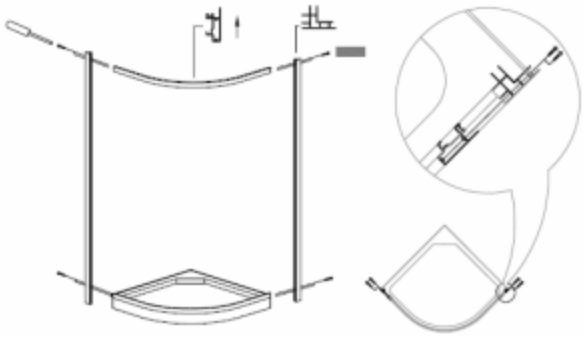
- **Connect hot and cold supplies and all electrical just before unit is set into place.**
- Units come broken down in panels and are assembled with screws, nuts and bolts on site.
  Note: All shower bases need to be leveled in its final resting position (all feet must be touching the ground), mark the placement, then pull base out and begin assembly.
- It is advised to have base onsite before preparing drain location.
- Access panel near controls panel and jets recommended.
- ***Manufacturer reserves the right to change specs or features at anytime. Please check to confirm details. 1-866-783-2661***

Installation instructions for WS105

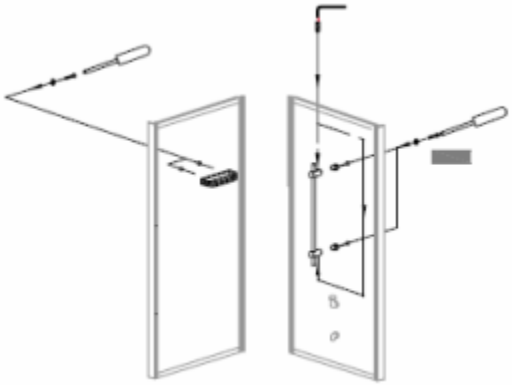
1. Level the tray with the level.
2. Make sure all the adjustable feet are touching the ground and supporting the base.



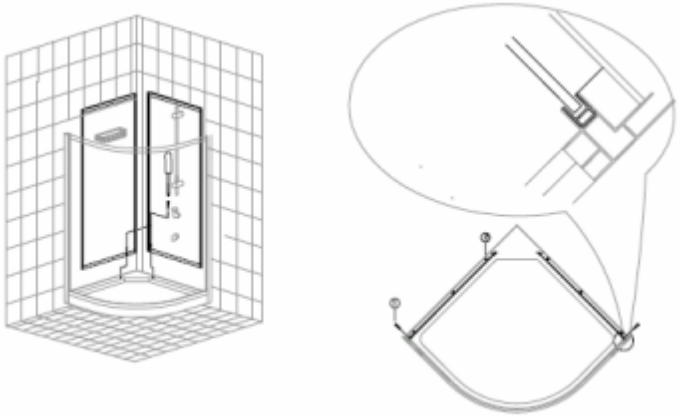
3. Connect the drain if building the unit in its final resting place. *Note*: This unit can be built from the inside.
4. Assemble curved, horizontal rail to left and right vertical rails using ST4X40 screws.
5. Attach the door frame to the base using ST4X40 screws.



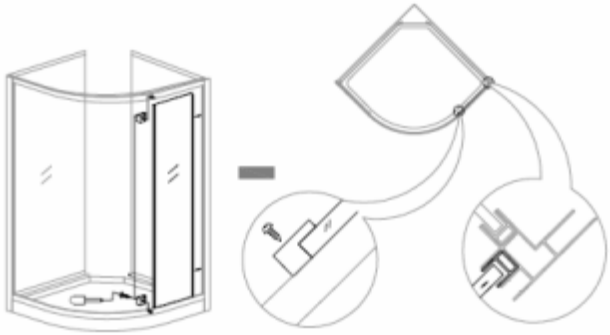
6. Use ST4X20 screws and covers to attach the vertical rails to the base skirt.
7. Attach the chrome trim to the base.
8. Install the shower bar on the right side back panel using hardware enclosed in cloth bag. Install shampoo holder onto the left black back panel using M4X25 caps, nuts, bolts, and O-rings



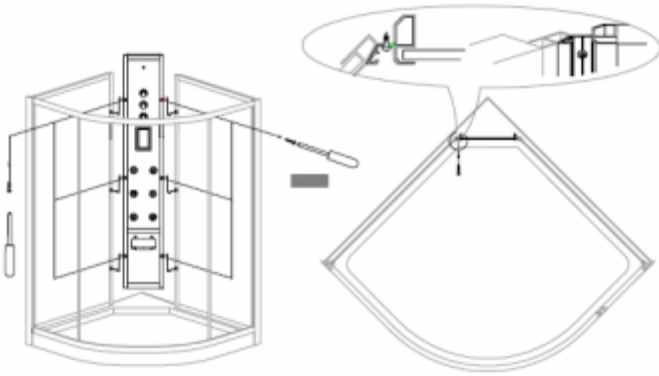
9. Inspect and tighten the body jets and hoses if necessary
10. Install the left and right side black back walls.



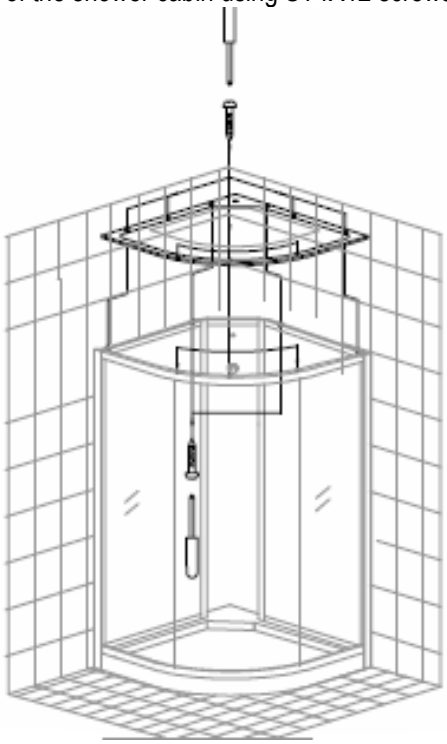
11. Install the left and right clear fixed panels.



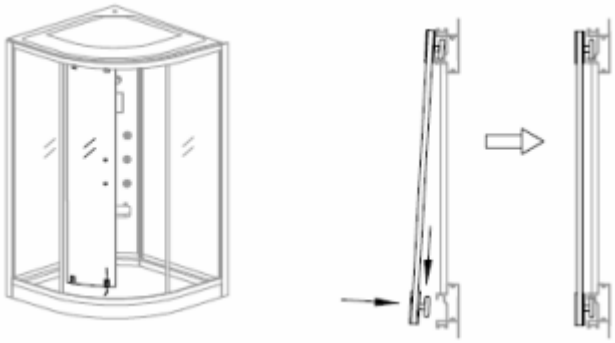
12. Bring main center panel inside the unit.
13. Connect water supply lines to the water manifold. Connect side panel water jets to the manifold, then connect the power supply.
14. Attach center panel to right and left side panels with ST4X16 screws.



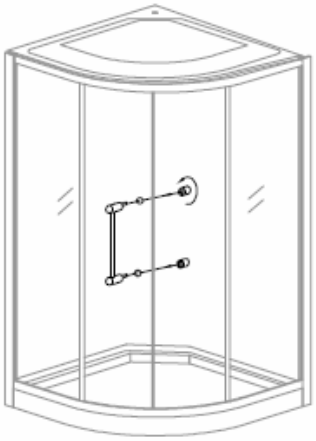
15. Connect fan, light, and radio wires to the roof. Install the roof of the shower cabin using ST4X12 screws



16. Install the sliding doors. Spring loaded rollers go on the bottom.

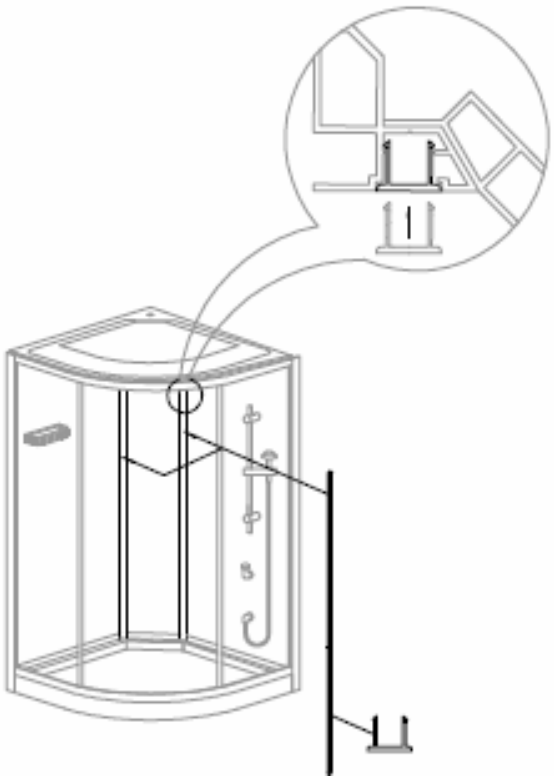


17. Install the door handles.

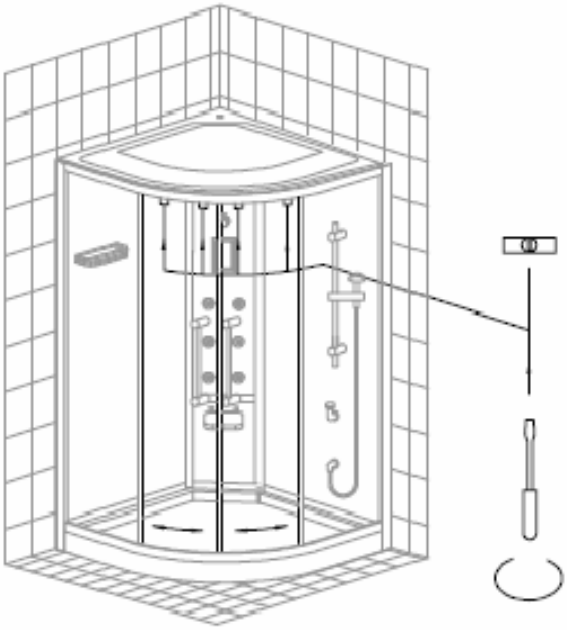


HANDLE ASSEMBLY

18. Reinstall the aluminum strips near the back panel.

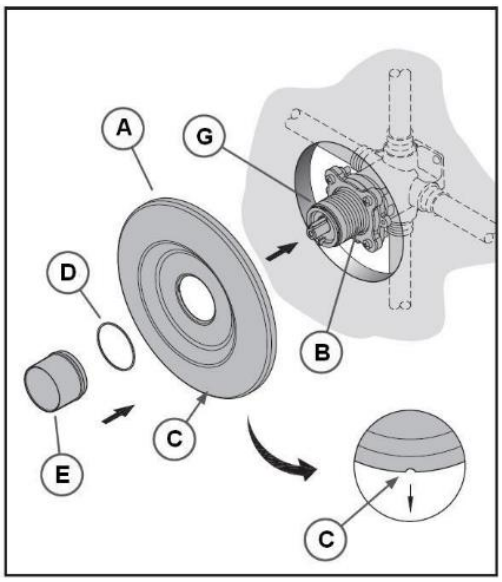


19. Adjust the sliding doors so that they close tightly.
20. Attach the door gaskets.



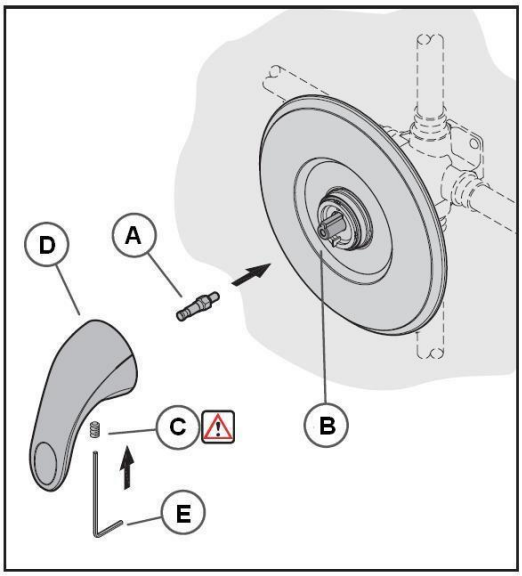
21. Lastly, place the wooden floor grids on the shower tray and place stools (WS-105 only) on the inside of the unit.
22. Install the shower wand and flexible hose and place inside sliding shower rail.

Handle assembly



Trim flange attachment

1. Position trim (A) on the valve (B) with drain hole (C) at the bottom.
2. Place protective washer (D) on the short end of the reversible retainer sleeve (E).
3. Screw retainer sleeve (E) onto threaded section of the stem and bonnet (G).
4. Tighten retainer sleeve (E) by hand until flange (A) is snug to finished wall surface.
5. If the short end of the retainer sleeve (E) is too short, reverse it to use the longer end.

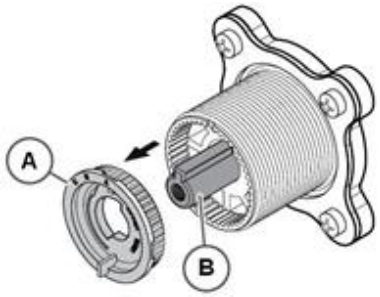


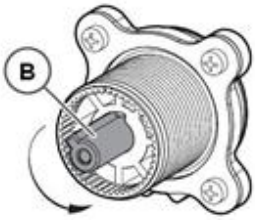
Handle attachment

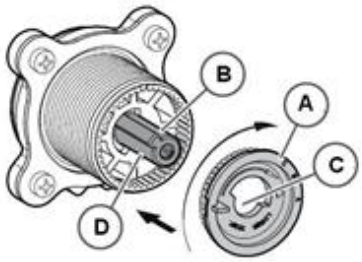
1. Screw stem extender (A) onto the valve stem (B).
2. Thread the set screw (C) into the handle and thread it, in only three or four turns.
3. With valve in CLOSED position, place handle (D) onto the steam extender (A) and tighten the set screw (C) by using the hex wrench (E) that is provided.

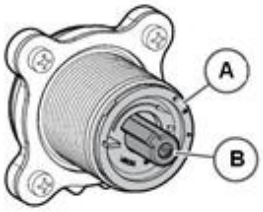
⚠ Make sure set screw (C) is tightened to the handle (D).

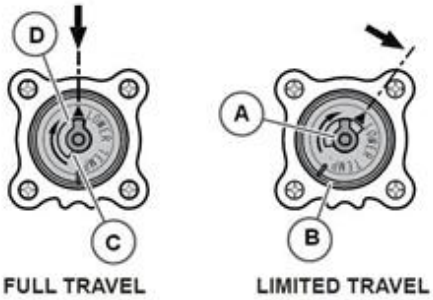
Temperature adjustments











Adjustment gear (A) is factory-set to prevent the stem from reaching full hot position.

To adjust stem rotation:

1. Remove adjustment gear (A).
2. Rotate stem (B) counterclockwise to determine a maximum desired temperature.
3. Replace gear aligning adjustment stop (C) to stem tab surface (D) to stem (B) so that it cannot move beyond adjustment point.

Pfister maintenance & care

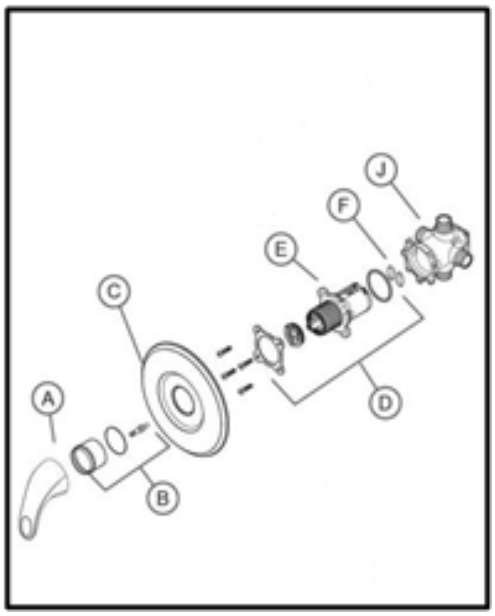
Disassembly:

1. Replacement parts may be available at Lowes or Home Depot.
2. When replacement parts are not available, please write or call Price Pfister Consumer Service.
3. **Always turn off water and release pressure before working on your faucet.**

Note: Trim Care

Cleaning instructions:

- For all handles and decorative finishes, use only a soft damp cloth to clean and shine.
- Use of polish, detergents, abrasive cleaners, organic solvents, or acid may cause damage.
- Use of anything other than a soft damp cloth will nullify the warranty.
- Trim products which contain porcelain or other similar substances are not acceptable for public areas or commercial use.
- Installation of said trim is at user's risk!



Troubleshooting tips

- **Temperature or flow does not remain consistent.**
  - The cartridge assembly (D) may need cleaning.
    - Shut off water supply.
    - Remove handle assembly (A), unscrew retainer sleeve (B) and remove flange (C).
    - Remove cartridge assembly (D) and inspect cartridge (E) and inlets for debris or sediment and flush with water.
    - Reassemble the whole unit and test. If problem persist you may need to replace the cartridge.

- **Sleeve (B) is too short.**
  - Extension kit 910-563 is available at a nominal charge for valves which have been roughed-in too far back in the wall.
    - The kit contains a one-inch stem extension, and a sleeve which is one inch longer than the 972-300.

- **Dripping from either the tub spout or shower head.**
  - Clean the cartridge assembly (D).
    - Check to ensure the two oval O-Rings (F) on the back of the cartridge (E) are in place.
    - Reassemble cartridge, stem and bonnet assembly, and handle.
    - Turn on the water and test. If the unit still leaks, replace the cartridge (E)

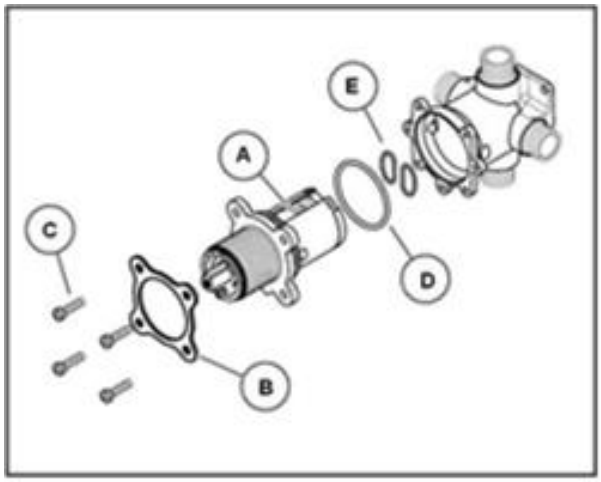
- **Water flow is very low.**
  - Check the cartridge assembly (D), for debris.
- **Water starts out hot and becomes cooler as handle is rotated counter clockwise.**
  - This is a potentially hazardous situation and should be corrected before using the unit.
    - Check the hot and cold inlet positions (hot- left, cold- right). If you have a back to back installation, (where hot and cold inlets are reversed) refer to valve body instruction sheet for back to back installation.
- **Water doesn't get hot enough.**
  - Remove hand (A), sleeve (B) and flange (C) and then refer to valve body instruction sheets for adjusting temperature range.

Cleaning cartridge

If temperature or flow does not remain constant, the cartridge assembly (A) must be cleaned.

1. Shut-off water supply.
2. Remove trim assembly (not shown).
3. Remove screws (C), backup plate (B) and cartridge assembly (A).
4. Inspect inlets for sediment and flush with water.
5. Inspect O-rings (D & E) for damage.
6. Re-install cartridge assembly (A) and backup plate (B) then turn on water supply.
7. If the problem persists replace cartridge assembly (A).

- **CAUTION:** Do not disassemble cartridge (A).



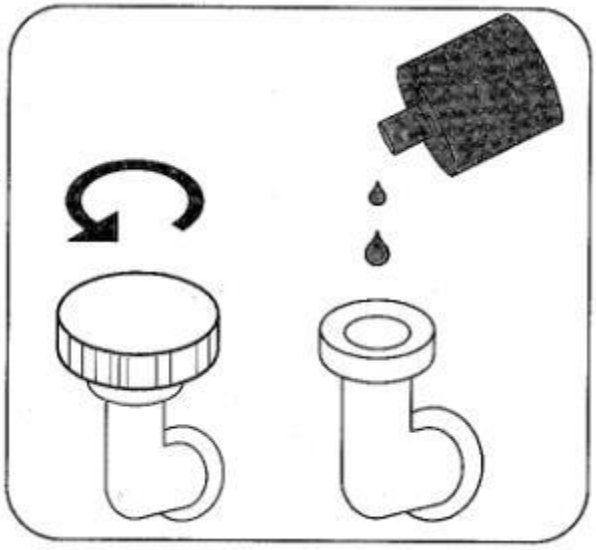
Cleaning and maintenance for shower

1. Liquid detergents and soft cloth should be used. Do not use any abrasive cleaners.
2. The scale on the surface can be cleaned with a soft cloth and non abrasive cleaner or heated vinegar.
3. After every 30 times of using the unit, we suggest you to clean the steam generator.

We advise the use a filtration system for the steam generator unit.
One Compatible filtration system option is the -***Whirlpool WHKF-DWHV***

Steam generator cleaning

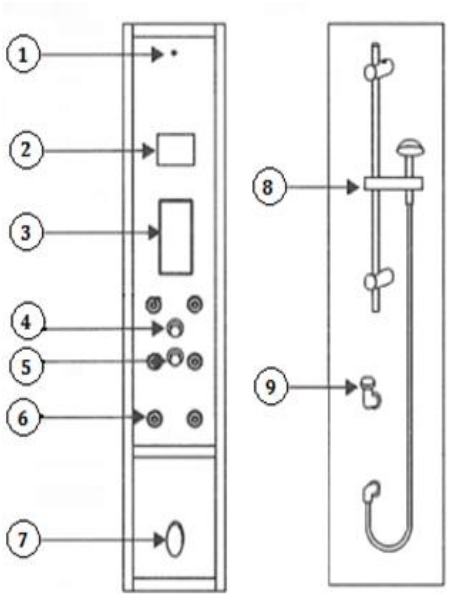
Remove the cover of the cleaning liquid inlet and pour in approximately 1L of citric acid or white vinegar. Start the steam function to fill the steam generator with water. *Stop the steam function before the steam starts to come out* ("acidic" steam is damaging to plated fixtures). Do not shut off the main power. The scale in the steam generator dissolves and the system drains the dirty water out after 60 minutes.



General use and maintenance

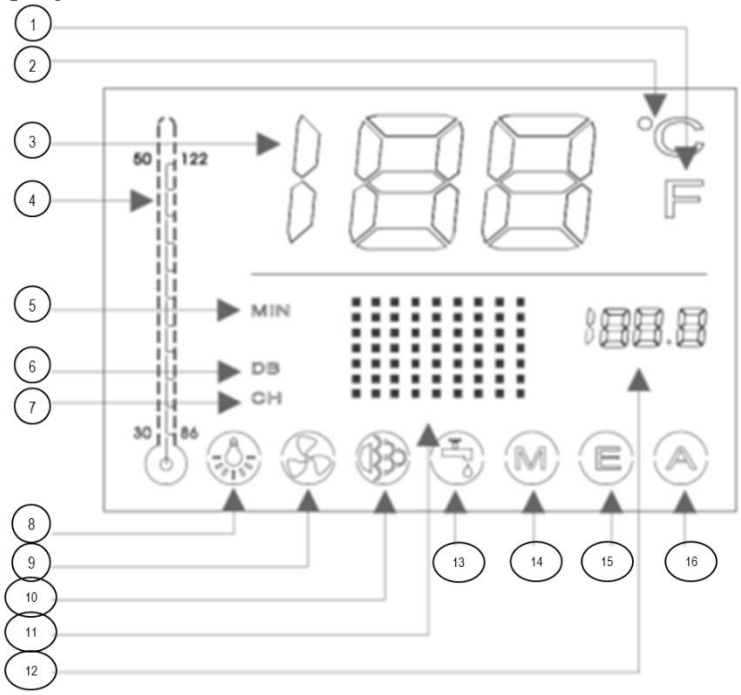
A. Drops of water will continue to drain out from the jets and water outlets after use, this is normal and it will eventually stop.
B. Abrasive cleaners must not be used.
C. Always shut off the power supply when the system is not in use.

Control parts information



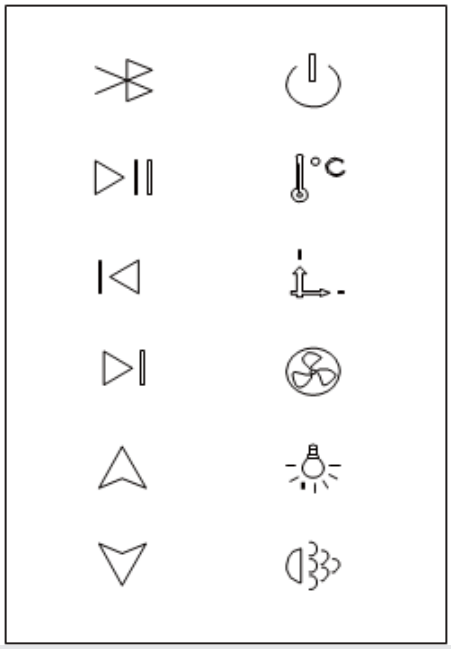
1. Steam Temperature Sensor
2. LCD Display
3. Control Panel
4. Water Diverter
5. Water Temperature and Volume Adjuster
6. Back Massage Jets
7. Steam Outlet
8. Handheld Shower Set
9. Steam Generator Cleaning Liquid Inlet

LCD display:



1	Fahrenheit degree		8	Chromotherapy on/off
2	Celsius degree		9	Fan on/off
3	Temperature		10	Steam on/off
4	Temperature indicator		11	Power on indicator
5	Time Setting		12	Bluetooth on/off
6	Volume		13/15	Standby for future upgrade
7	Musical selection		14/16	Standby for S8 system

Control panel:

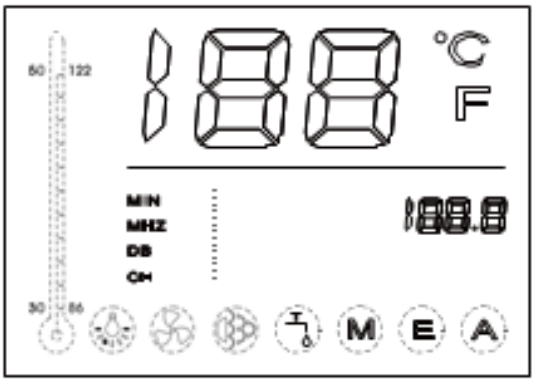


Bluetooth	+ Adjustment	System time setting
Play/Pause	- Adjustment	Fan on/off
Previous	Power on/off	Chromatherapy on/off
Next	Steam temperature setting	Steam on/off

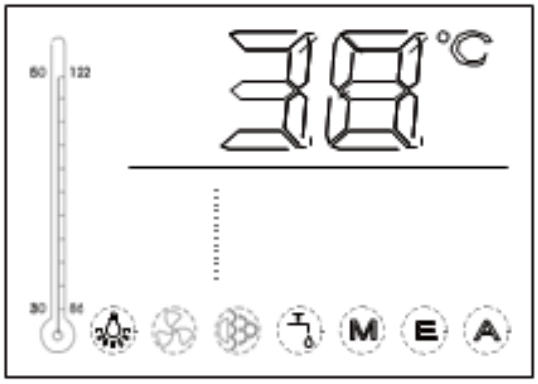
Control procedures

Power on/off

1. Press any button to light up the display and (Picture 1) shows on screen.
2. Then press the power on/off button to start the system and (Picture 2) shows on the display.
3. Press the power on/off button again to shut off the system.
4. The display and background light for the buttons are turned off.
5. The drain valve for the steam generator stays on for 1 minute.



Picture 1



Picture 2

Steam temperature setting

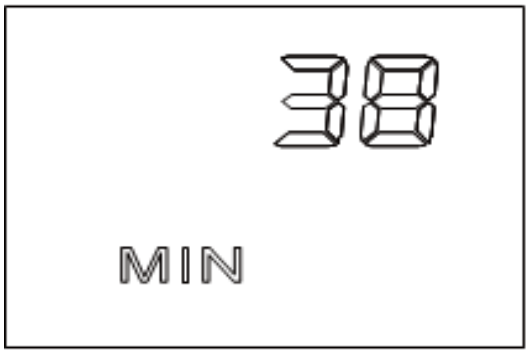
1. Press this button and picture 3 shows on the display.
2. The temperature setting ranges from 20° to 59°C (68° to 138°F).
3. Press and hold this button to adjust the temperature.
4. Let go of the button when the number reaches the desired temperature and the number is set as a steam setting temperature.
5. The steam generator stops working when the temperature inside is 4°C (39.2°F) higher than the setting temperature.
6. The steam generator has a 4°C variance between accrual set temperature and real temperature.
7. The default steam setting is 45°C (113°F) if the user does not choose any setting.

Picture 3

Steam time setting

1. Press this button and picture 4 shows on the display.
2. Hold the button down to change the numbers.
3. Let go of the button when the number reaches the desired time and the number is set as working time for the system. The time setting ranges from 20-59 minutes.

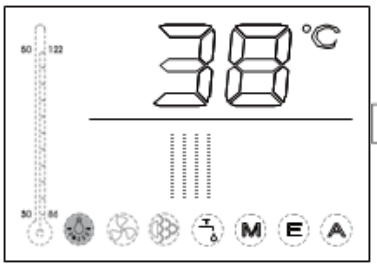
   The system is automatically shut off when the working time reaches the setting time. The default working time is 45 minutes if the user does not choose a setting for working time of the system.



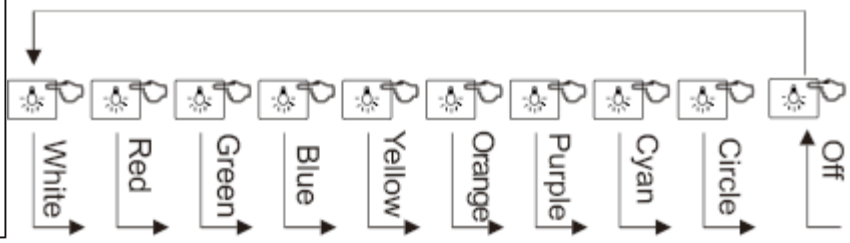
Picture 4

Chromotherapy

1. This button controls the color of chromotherapy lights.
2. When the chromotherapy function starts, the lamp symbol on the LCD display flashes (refer to picture 5).
3. The order of light color can be found below in picture 6.



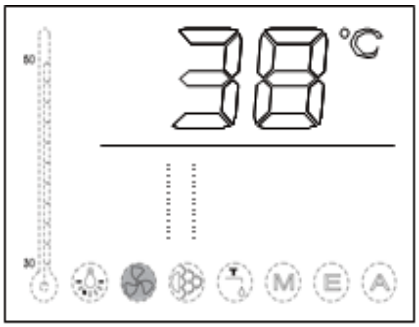
Picture 5



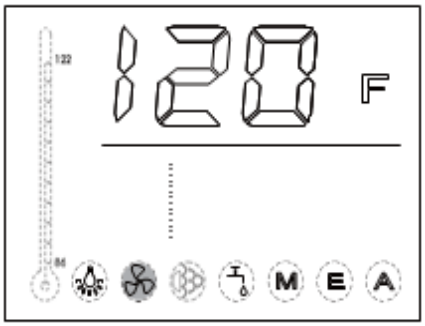
Picture 6

Circulation fan

1. This button turns the fan on/off.
2. When the fan is on, the fan symbol on the LCD display flashes.
3. Celsius/Fahrenheit Conversion: Press and hold the fan button until the conversion is made between Celsius degrees and Fahrenheit degrees. The display will change from picture 7 to picture 8.



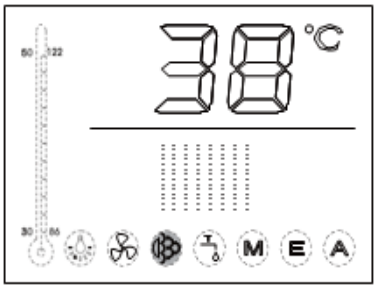
Picture 7



Picture 8

Steam on/off

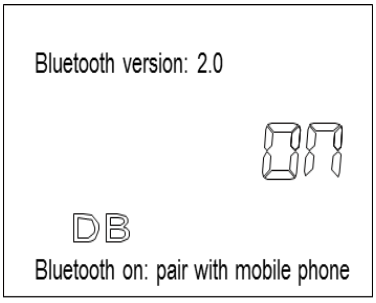
1. This button turns the steam on/off.
2. Pressing this button makes the steam symbol on the LCD display flash.
3. The temperature sensor controls the steam output based on the preset steam temperature.
4. The steam generator has a 4°C variance between accrual set temperature and real temperature.
5. Picture 9 shows display when steam is on.



Picture 9

Bluetooth

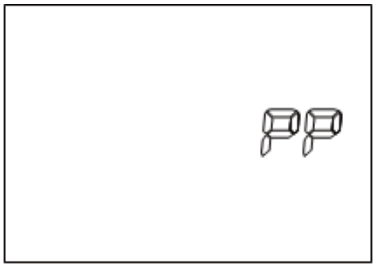
1. Press the on/off button twice to start the system, then press this button.
2. Turn on the Bluetooth on the phone and select 'HW-Audio' to pair. (Picture 10)



Picture 10

Play/Pause

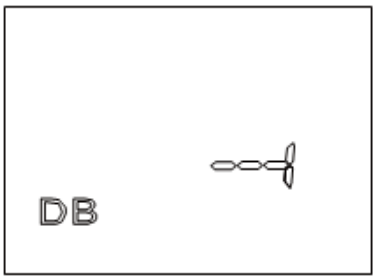
After pairing with mobile phone, press this button to play/pause the music. (Picture 11)



Picture 11

Vol um e + **Vol um e -**

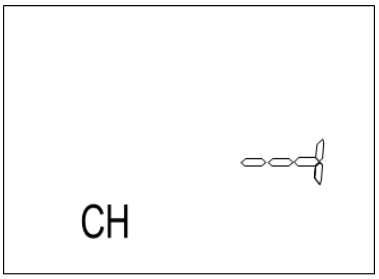
Press these buttons to adjust the volume. The DB symbol on the LCD flashes. (Picture 12）



Picture 12

Previous **Next**

Press previous/next to select music and CH symbol on LCD display flashes. (Picture 13)



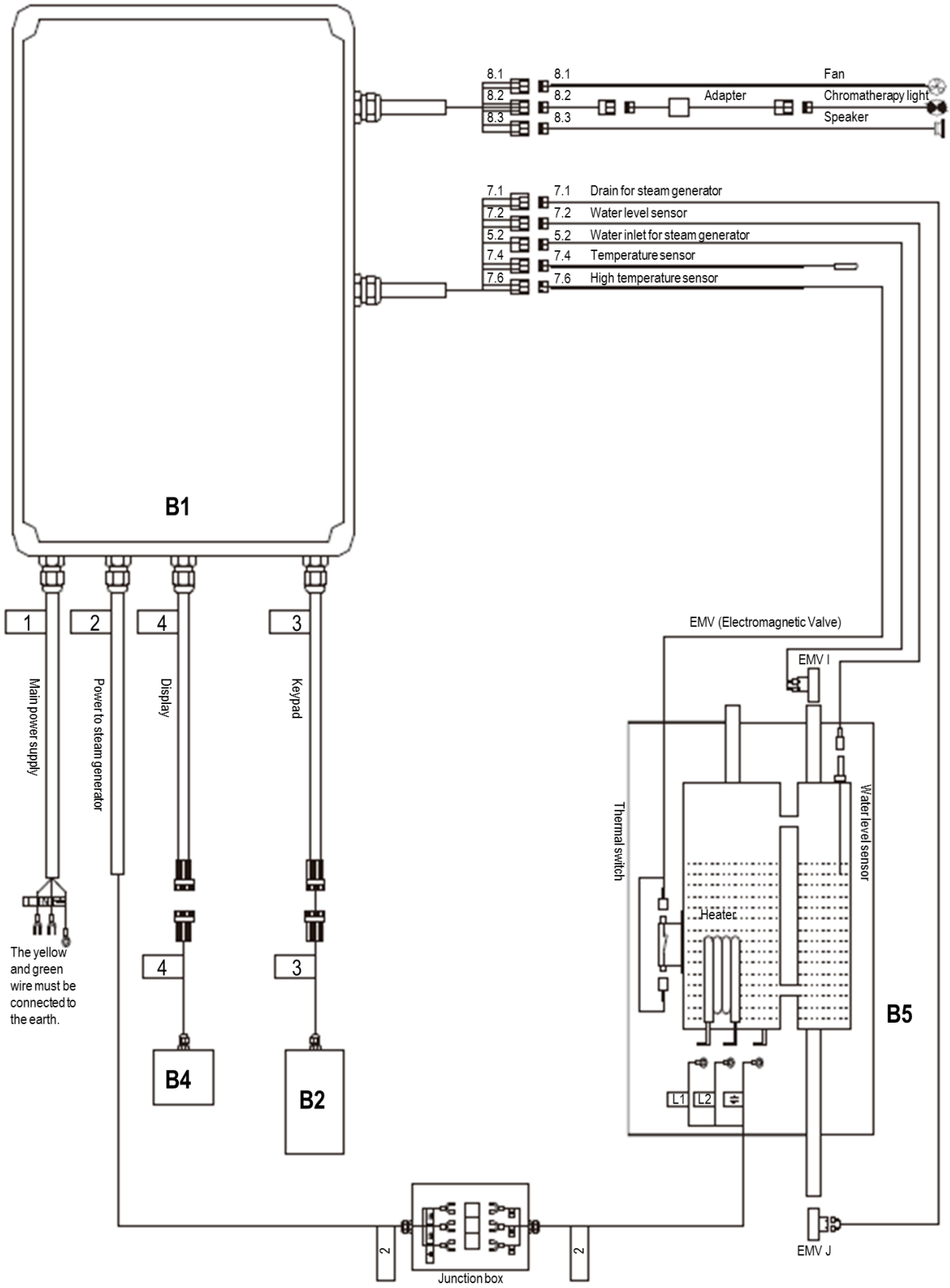
Picture 13

Troubleshooting

ISSUE	CAUSE	SOLUTION
Touch panel does not work	1. Not connected properly	Check connection between control panel and power box
	2. Wrong voltage	Change to 220V supply
No steam	1. Desired steam room temperature is lower than current temperature	Increase the desired temperature to be higher than current temperature
	2. The water inlet valve not letting water in	Check water inlet valve for blockage and 12V power supply to valve
	3. The water level sensor is not working (water coming out steam outlet)	Clean scale of the water level sensor or replace it
	4. Thermal switch in the heater is not working (no steam from generator)	Change thermal switch installed inside the heater
	5. The heater is not working	Change the heater
	6. The water supply is shut off	Open water valve
Steam generator keeps adding water	1. The water inlet electromagnetic valve is not shutting off	Replace water inlet valve
	2. Water level sensor cannot detect signal	Clean scale of water level sensor or replace it
Power supply is off when on/off button is pushed	1. There is short circuit from heater	Replace heater
	2. There is short from thermal switch inside heater	Replace thermal switch
Water leaks from valve	The seal is damaged	Change the seal
Water flow volume is low	Water supply has clogged filter.	Clean Filter

For additional help, call Homeward Bath at 1-866-STEAM-61.

Electrical schematic



Replacement parts

Parts can be purchased by visiting:
hwbpro.com

You can also request parts that are under warranty by filling out the parts request form at:
hwbpro.com/warranty-parts-request

Warranty information & registration

Please visit our website to complete the online form:
hwbpro.com/warranty-registration

Registration must be completed within 45 days of receipt to be valid.

A full description of the warranty is available on the Homeward Bath website.