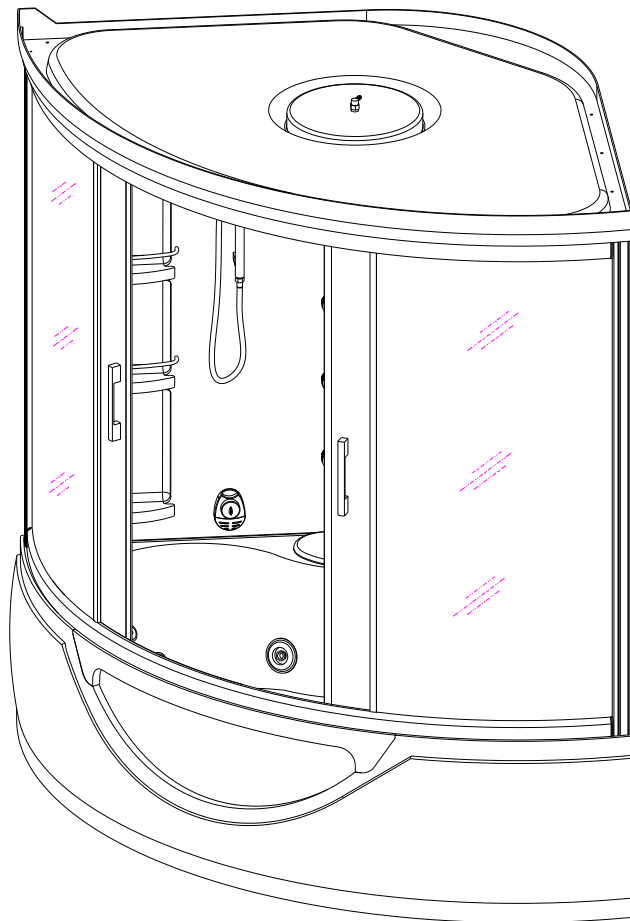


CARIBBEAN INSTALLATION MANUAL



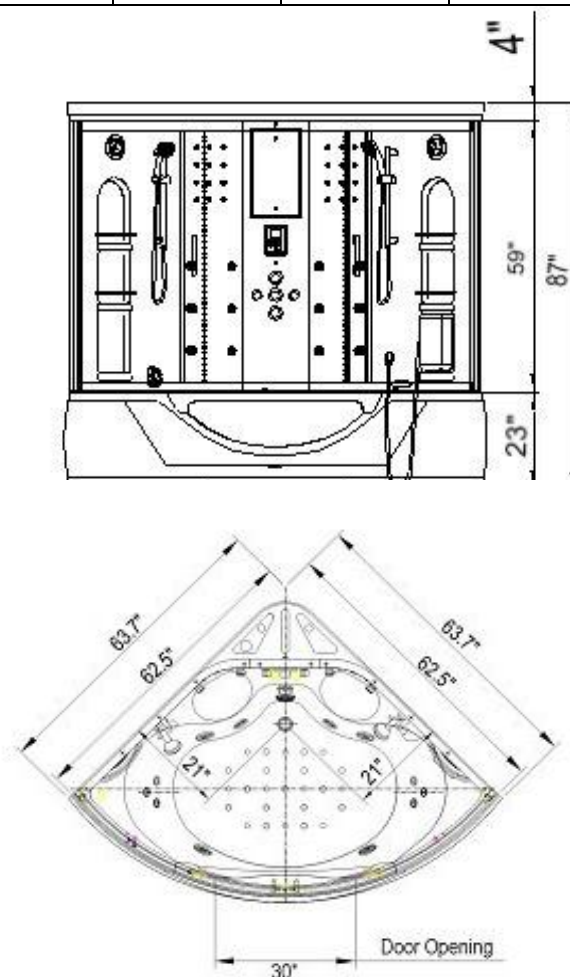
Thank you for choosing the Aquapeutics Caribbean computerized steam shower / whirlpool bath. Please read the following manual in its entirety before assembling your unit. It is also very important to follow the safety suggestions outlined below at every use.

1. Please keep in mind that like most shiny bathroom surfaces when they get wet they may become slippery. Take care not to slip or fall.
2. Children should only use this product under adult supervision.
3. Users who suffer from heart disease or have high blood pressure should exercise greater care when using this product.
4. Senior citizens, pregnant women and those who are of ill health are advised to get a doctor's opinion on the recommended frequency of use of this product.

1. Technical parameters & package information

Electrical data			Dimensions (inches)			N.W	capacity
Circuits	Power	frequency	Length	Width	Height		
1 @ 110V 11.8 amps 1 @ 220V 13.6 amps	1300W and 3000W	50~60Hz	63.8	63.8	87	390 lbs	40 Gal

Please note: If you have purchased a Tub with the additional heater option it is very important to understand that the electrical requirements for your unit have changed. The heater requires a second separate electrical circuit that can supply 13 amps at 110 volts with GFI in addition to what your tub had originally needed. Installation instructions for your optional heater are in the installation section of this manual.



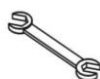
1.2 Package information

1. Upon the arrival of your Aquapeutics spa take care to make a thorough inspection for any visible damage to the shipping container. Visible damage should be reported to your carrier immediately. All SHIPPING DAMAGE should be noted on the assigned shipping document.
2. It is recommended that all rough plumbing and electrical work be completed before the assembly of your Caribbean begins.
3. At least two people are required to lift the larger pieces into position during installation.

4. Tools:



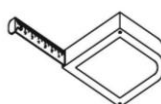
Wooden mallet



open end wrench



level



Tape measure



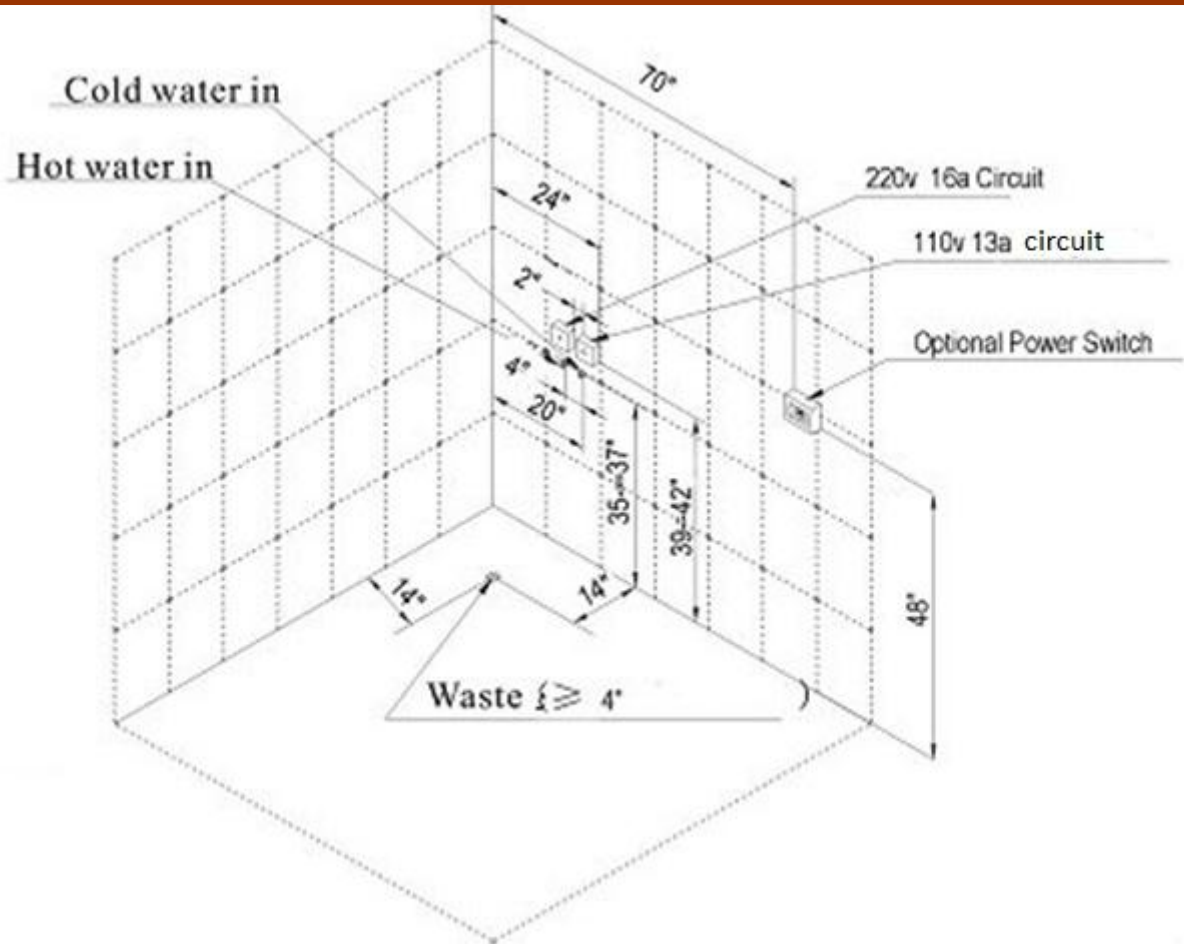
Screwdriver



Pencil

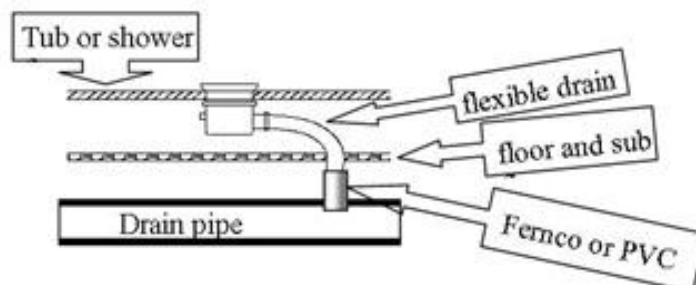


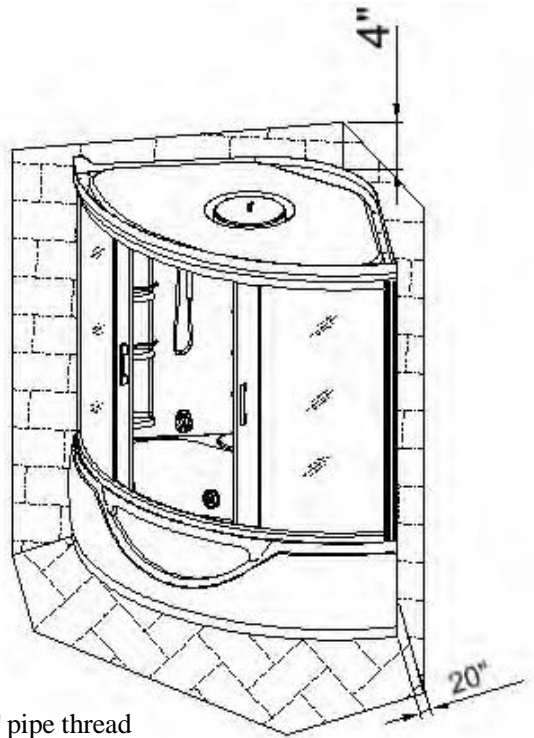
4mm Hex wrench



Drain pipe can be offset as much as 6 inches from tub drain.

2.2 Installation drawing for waste plug:





MODEL: Caribbean Installation instructions:

A、 Water supply: Hot and cold water supply lines are half inch NPT pipe thread

Power supply: A 220Volt, 13 amp service with GFI is necessary to energize the steam room-spa and a 110 volt 11.8 amp circuit with GFI is needed for the whirlpool bath. Please note: If you have purchased a Tub with the additional heater option it is very important to understand that the electrical requirements for your unit have changed. The heater requires a second separate electrical circuit that can supply 13 amps at 110 volts with GFI in addition to what your tub had originally needed.

B、 The size of breakers and wire gages needed is determined by local, state and national codes as interpreted by the installing electrician. The length of the wire going to the steam generator from the wall should be 5 feet, while the length of the telephone line needed is 7 feet. This allows the unit to be pulled out from the side walls if maintenance is ever needed.

C、 Drainage: The diameter of the drain pipe needs to be at least 2 inches. The position of the drain hole can be within 6 inches from the hole shown in the drawing on the previous page.

Notes:

(1) The distance from the top of the steam room to the ceiling of the area where it is installed should be 4 inches or greater. (The room should be at least 4 inches taller than the spa.)

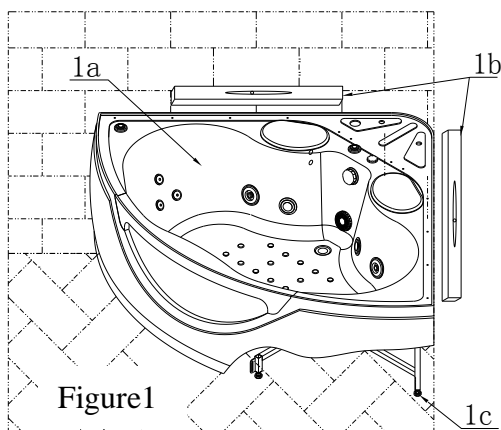
(2) It is recommended that the water pressure be at least 43 PSI and both the cold and hot water pressure should be as equal as possible. If the pressure is lower than required, have your plumber install the necessary equipment to increase the water supply pressure.

(3) Please have ground fault interrupter (GFI) protection on all power supply lines to the spa.

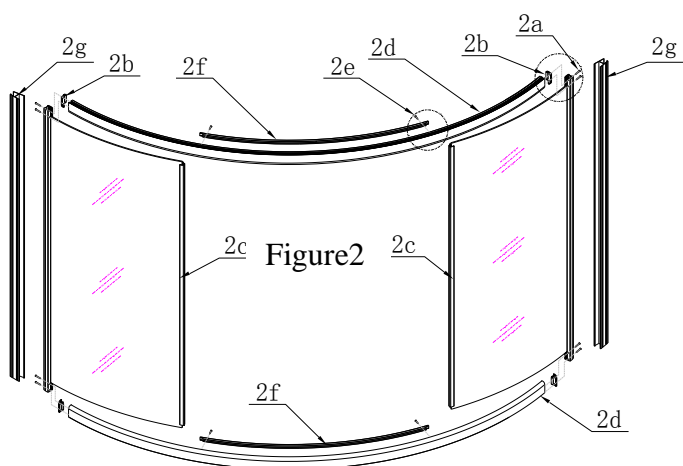
(4) It is easier to line up all panels with the hardware loose. During initial assembly please attach all fasteners loosely, then when the unit is completely erected, snug up all bolts and screws.

3. Installation Steps

1. Place the shower floor unit (as pictured below 1a) 16-24 inches from its final installed location. Now adjust the leveling feet (1c) to bring the unit flat and level by using a 3 foot level (1b) and an open end or adjustable wrench to turn the adjusting nuts. This will raise or lower each corner as needed. Once the unit is level and flat lock each leg into position with its locking nut.

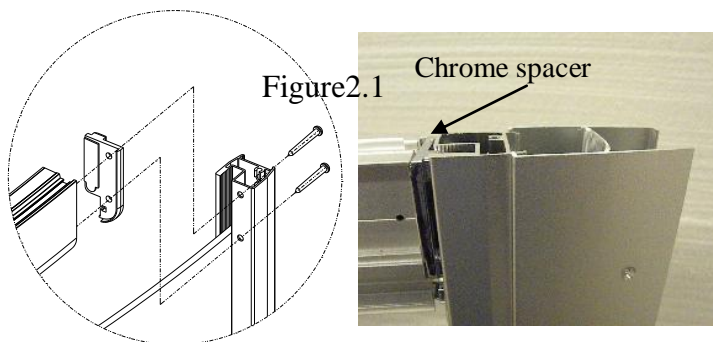


2. The fixed glass wall (minus the sliding glass door) must be assembled first before it is installed to the tub. Take care when inserting the glass components into the aluminum channels. The Fixed glass component installation diagram (Figure 2) is below. Please insert the rubber gaskets between the glass and aluminum channels where indicated.

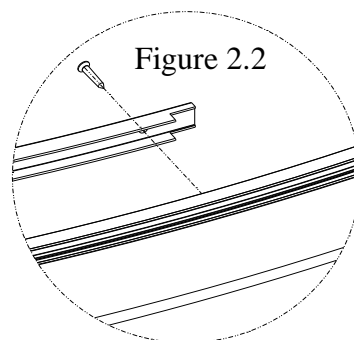


The glass walls are framed by the curved rails on the top and bottom and with the aluminum extrusions to the left and right.

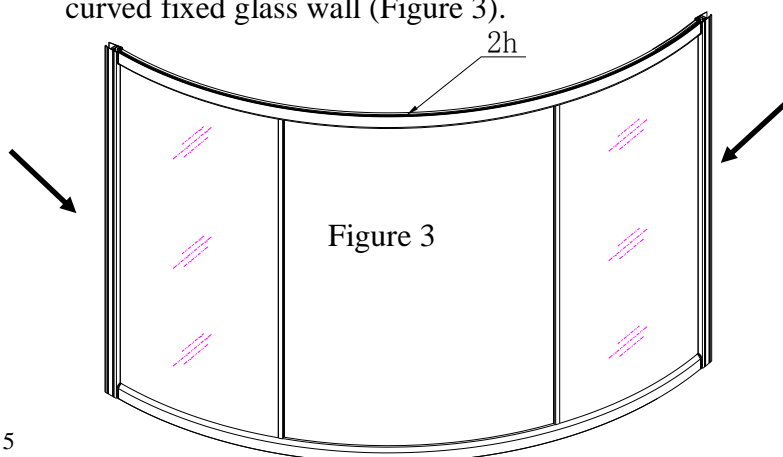
- ① Connect the left and right fixed glass walls (2c) to the upper and lower aluminum curved rails (2d) by using 8 pieces 3/16 x 1 1/4 inch (2a) screws with the plastic chrome spacer in between the curved rails and the vertical side channel. As shown in figure 2.1



- ② Use 4 pieces 3/16X 3/4" screws (2e) to connect the roller track cover (2f) with the upper and lower inside rails. (Figure 2.2)



- ③ According to the arrow tips direction, insert the left and right side corner aluminum extrusions (2g) into the fixed glasses to complete the curved fixed glass wall (Figure 3).



3. Steam room installation diagram, as follows (Figure 4)

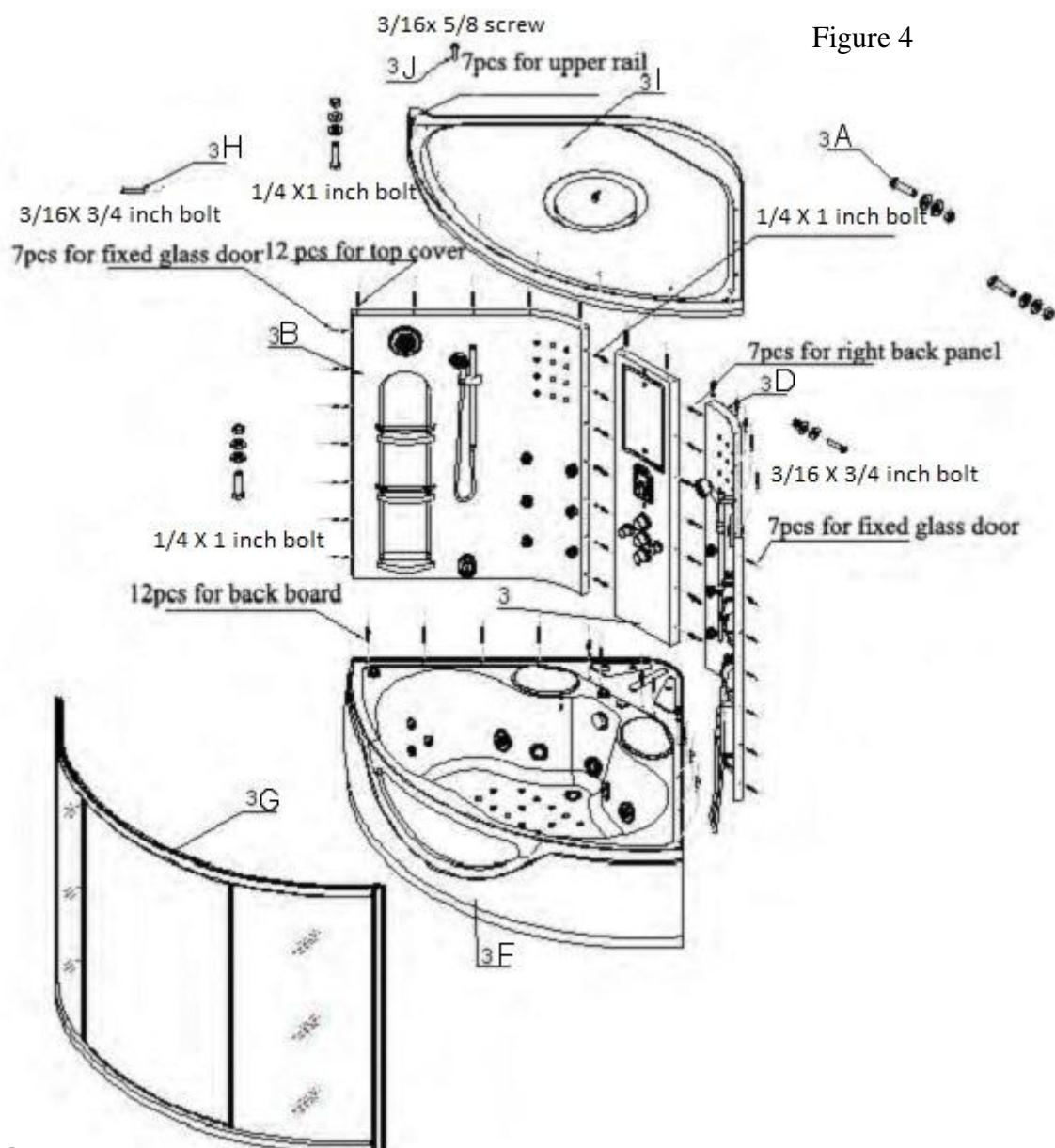


Figure 4

- ① Using 1/4 x 1 inch bolts (3a) connect the left and right small panels(3b,3c) to the middle panel(3d) respectively to complete the whole back panel of your steam shower (3e).(Figure 4.1)

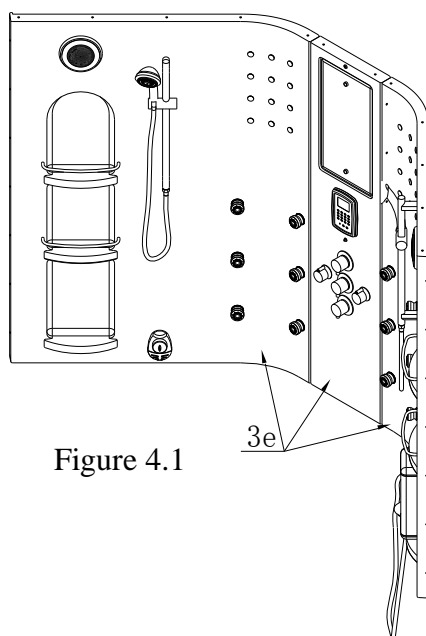


Figure 4.1

Carefully lift (two people are recommended) the back panel onto the bathtub (3f), fasten them together using 1/4x 1 inch bolts. (Figure 4.2)

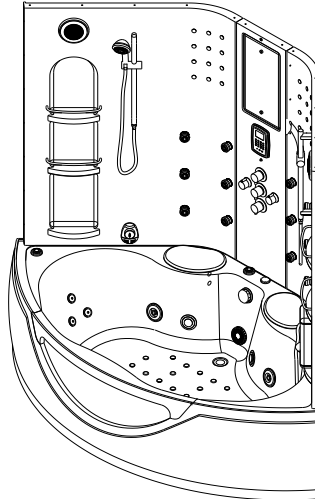


Figure 4.2

Then carefully lift (two people are recommended) the Glass wall and door assembly (3g) onto the bathtub, attach the glass door to the back board by using 3/16x 3/4 inch bolts. (Figure 4.3)

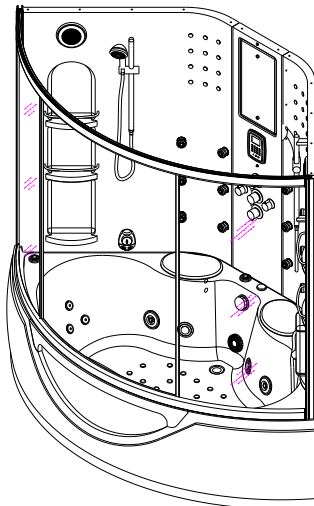


Figure 4.3

Place the ceiling /roof of the spa (3i) onto the unit, then using 1/4x 1 inch bolts, bolt it to the back panel, and use 3/16x 3/4 inch screws to fasten the roof to the glass wall/ door. (Figure 5)

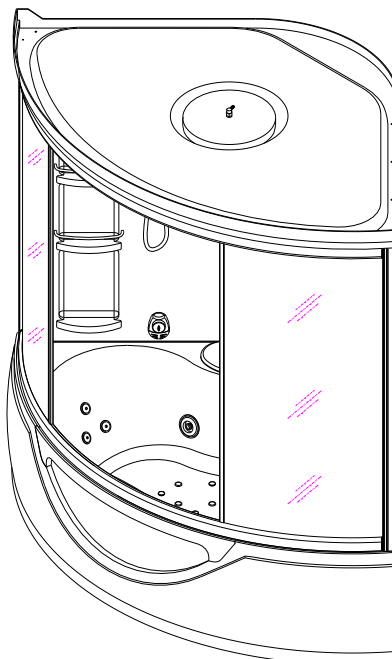


Figure 5

4. Final installation steps:

① Install the upper rollers (4b) to the sliding glass door (Don't install the lower rollers first), Then hang it onto the curved upper rail. After that, place the lower rollers in their track push the threaded portion of the bolt through the hole in the glass door and install as shown in figures 6 and 6.1

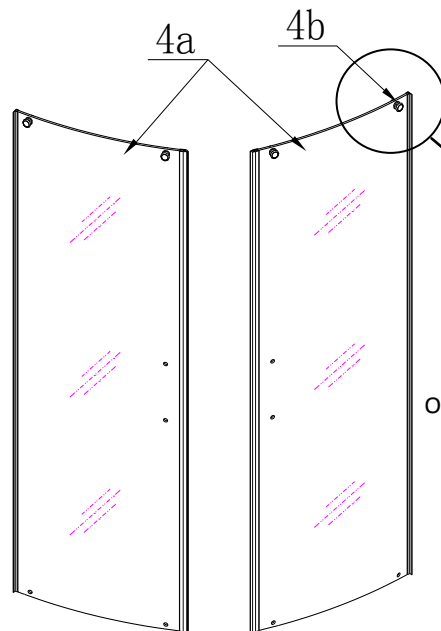


Figure 6

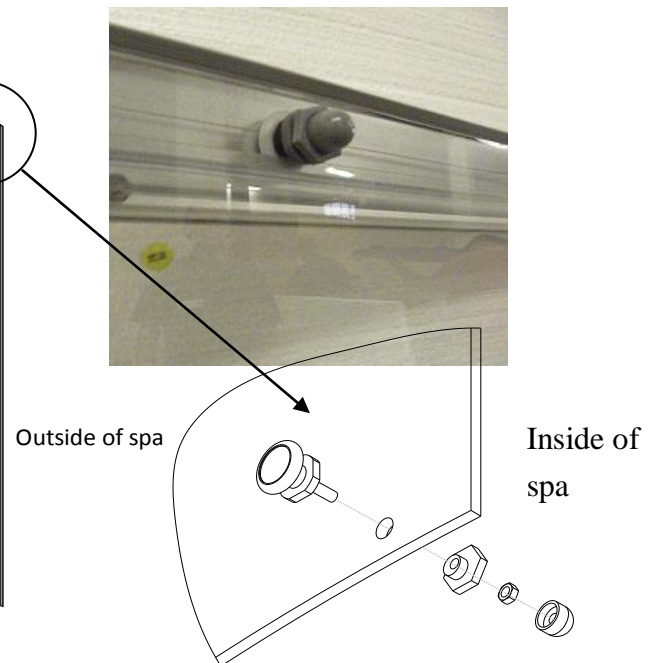
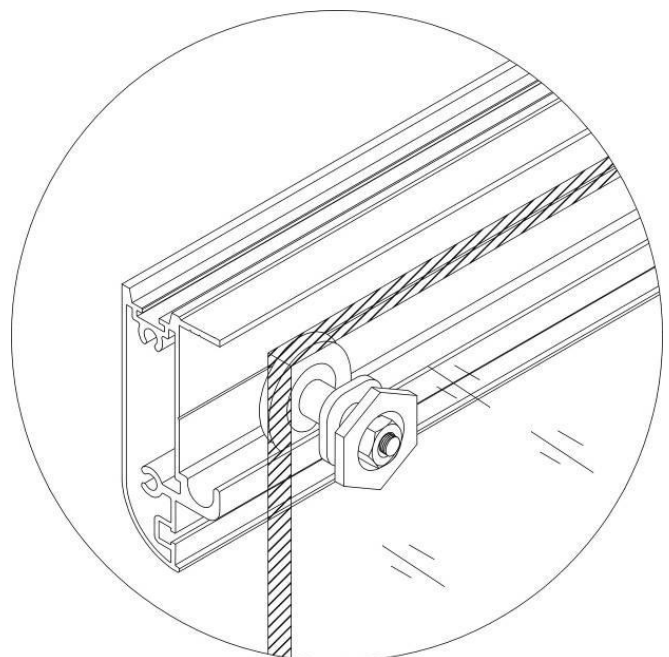
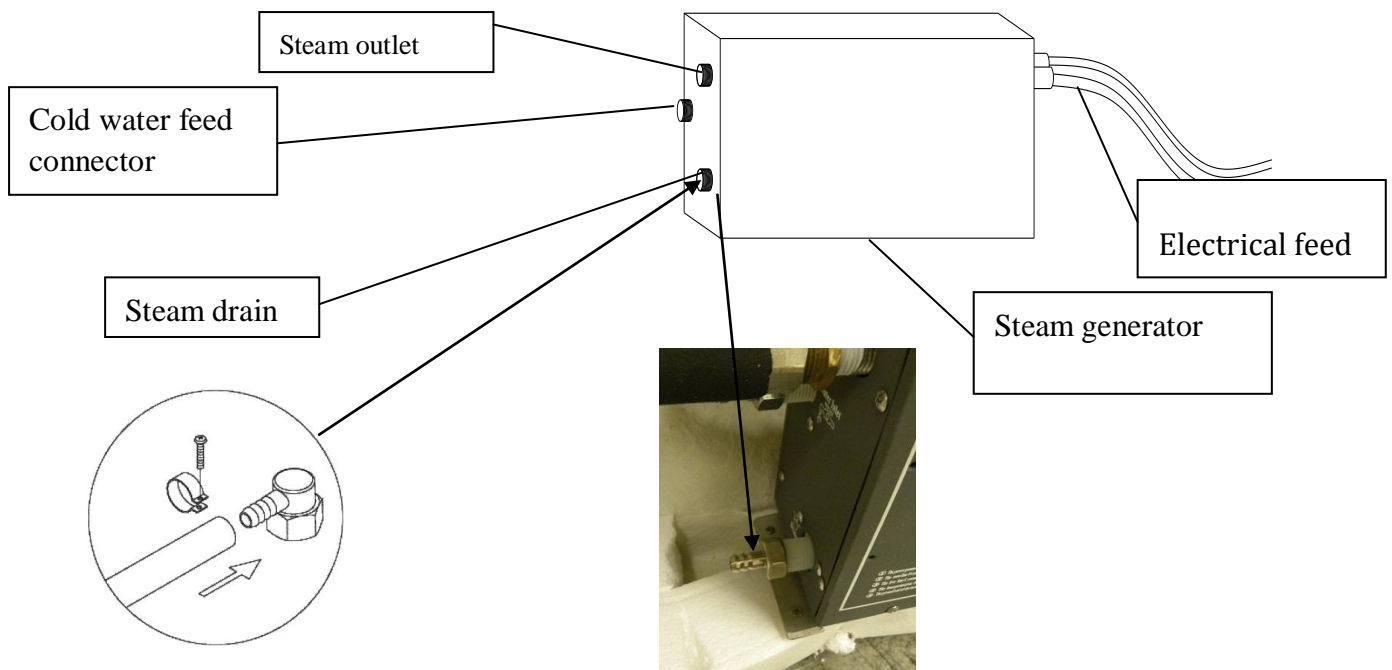
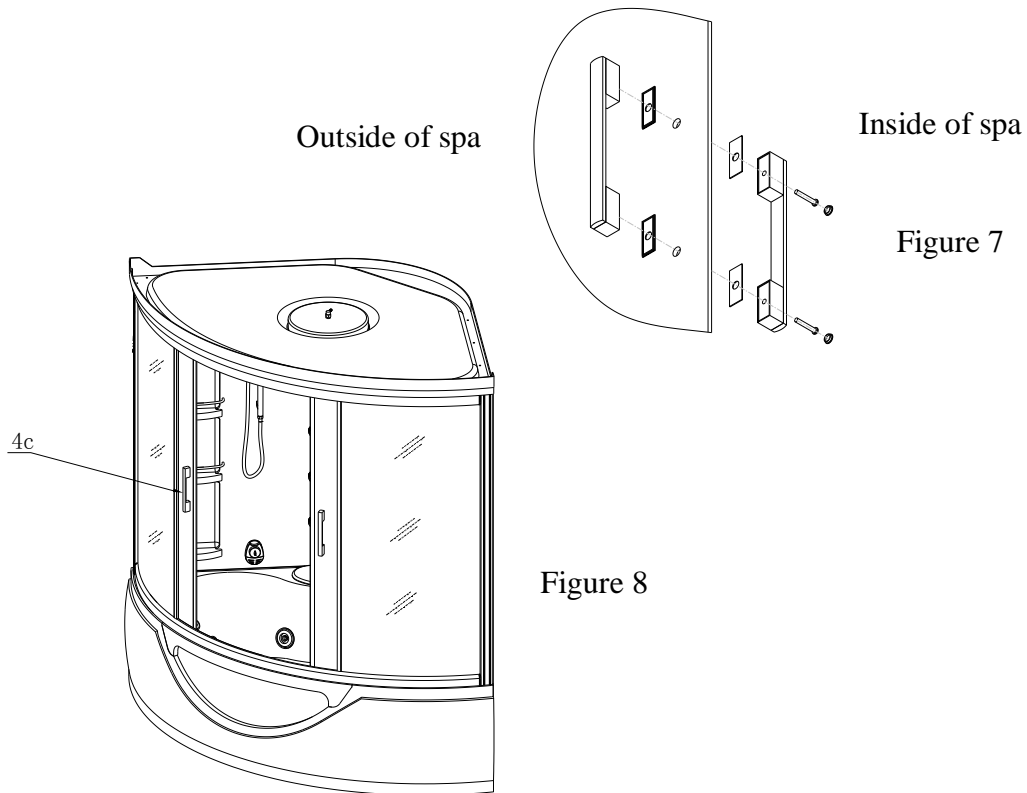


Figure 6.1

Eccentric roller detail: The eccentric assemblies (figure 6.1, the picture above and the drawing below) are used in both the upper and lower tracks of the sliding doors. The top ones are installed first. To install the eccentric you first remove the chrome plastic decorative cover). Unthread the nut, remove the washer, insert the grey plastic eccentric through the glass door and then replace the washer, and snug up the nut. By turning the grey eccentric wheel the white wheel is raised or lowered. This allows you to adjust the ride height of each side of the sliding glass door. You want the door to be as plumb as possible. After the correct positions for the top eccentrics have been determined then you can tighten them as needed. Now the bottom eccentrics may be installed using a similar method only no fine tuning is necessary. The bottom ones are simply inserted first their lowest position and then twisted 180 degrees to their highest position to lock them into the track.



- ② Assemble the handles (4c) to the sliding glass doors (Figure 7). Test the doors to see that they can be opened and closed smoothly and quietly. (Figure 8) If not then readjust the rollers as explained in the previous step.



(Figure 9) Connect all hoses to and from the Steam generator. The appropriate outlets/ inlets are labeled in the above diagram and are visible in the photo below. The Steam generator drain hose is pushed onto the fitting (straight or elbow) connected to the Steam Generator. It is secured to this fitting by a clamp and a 3/16 X 5/8 inch round head fastener as is shown in the above figure. Drain hose from steam generator needs to be plumbed to the main drain. It is also shown assembled in the photo below.

When bending the insulated steam hose, please Use Extreme Care not to crimp the hose as you feed it through the appropriate hole in the tub section.

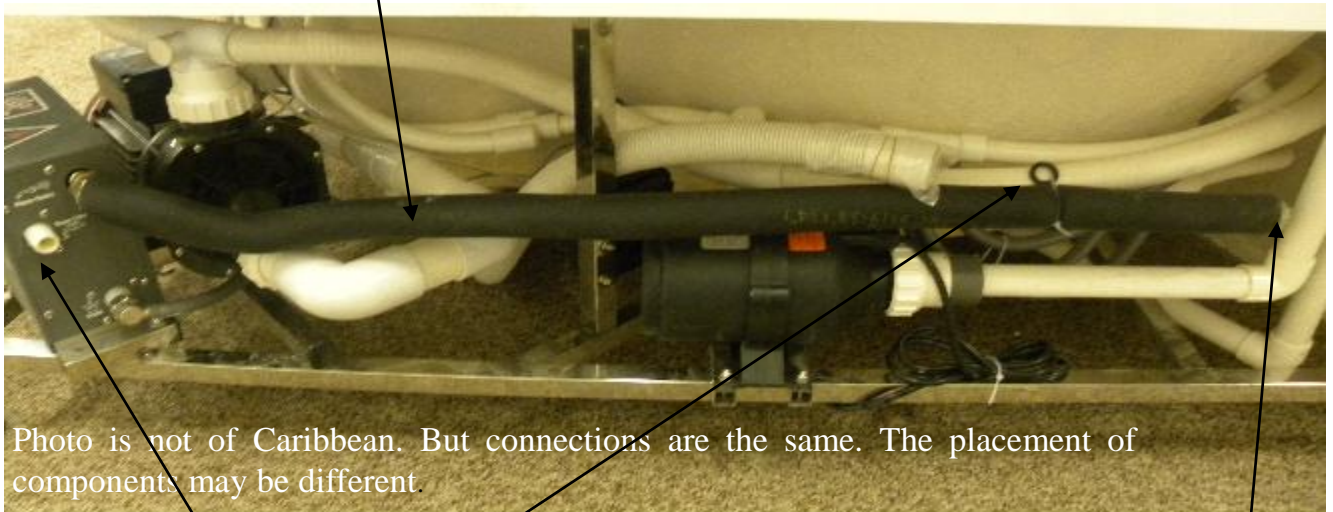
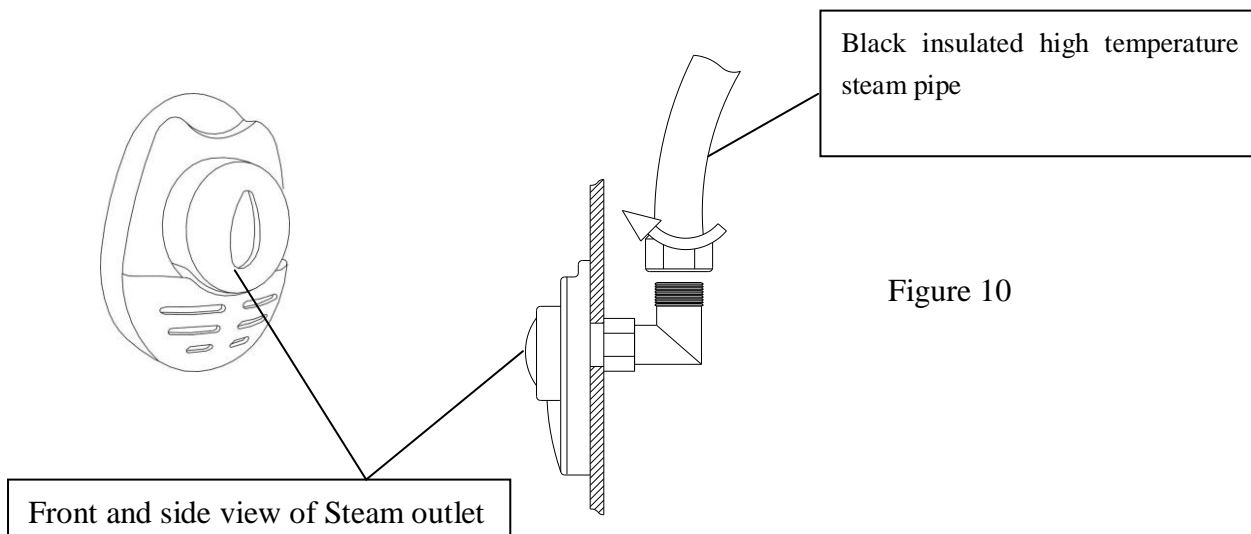


Photo is not of Caribbean. But connections are the same. The placement of components may be different.

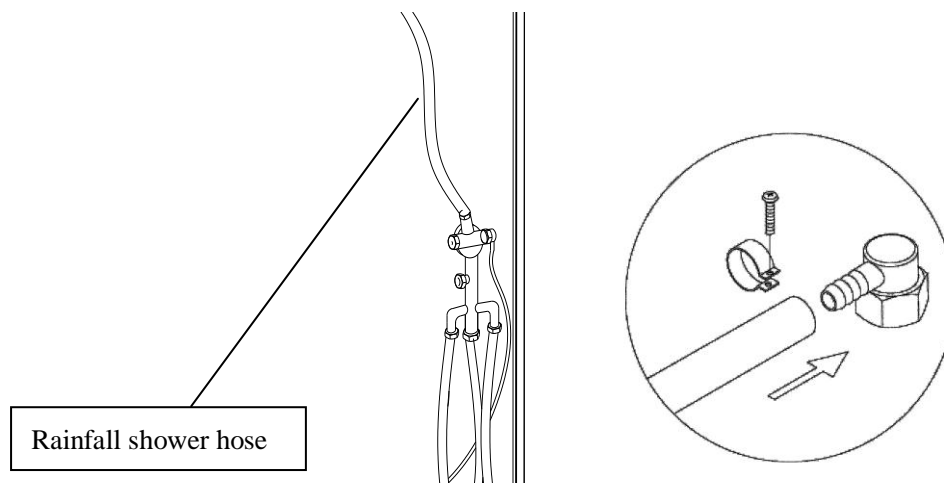
The all silver hose is the water supply feed hose to the Steam generator. It is attached here

The rubber washer (gasket) that is secured by a wire tie is inserted into the end of Steam hose

④ Connect the insulated black high temperature steam pipe, which is on the steam outlet, to the steam jet's connector on the spa's back panel. (Figure 10)



⑤ The water hose for the rainfall shower goes through the hole in the shower roof /ceiling and then connect it to the elbow fixture of the shower head with a clamp as is shown in the below figures. (Figure 11)



⑥ Please refer to the labels (with icons) on the wires of the various low voltage components. They may include Telephone, CD player/ radio, loudspeaker, LED lights, fan, control panel and the ozonizer O3 shower self cleaner. Connect the wires sharing the same labels and/or properly mated connector pairs. The radio antenna will need to be unrolled and placed for best reception. See figure 12.

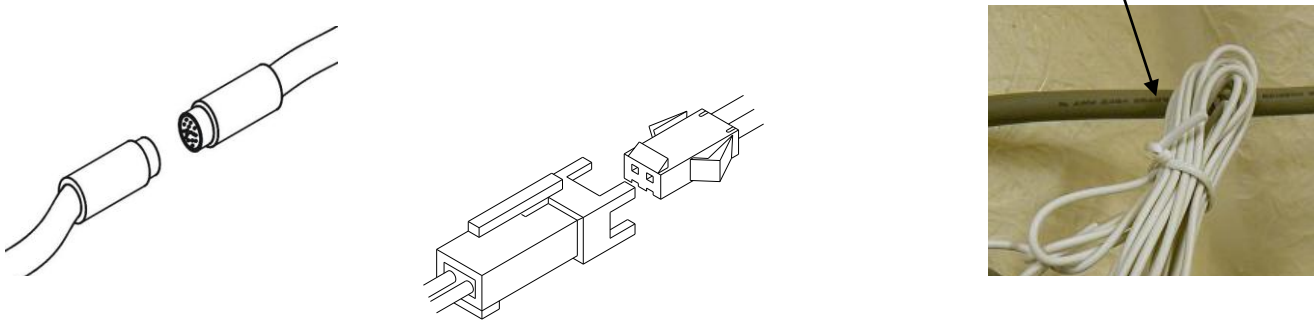
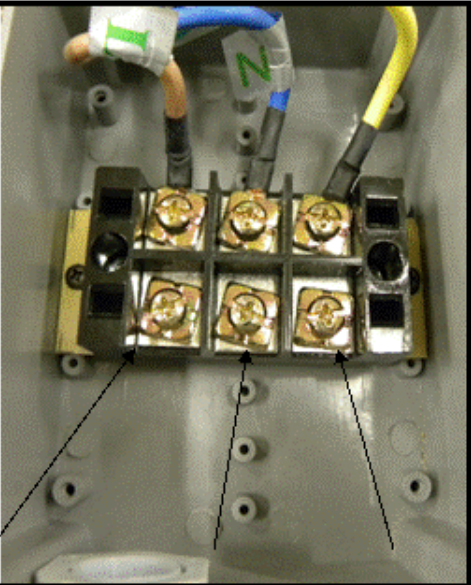


Figure 12

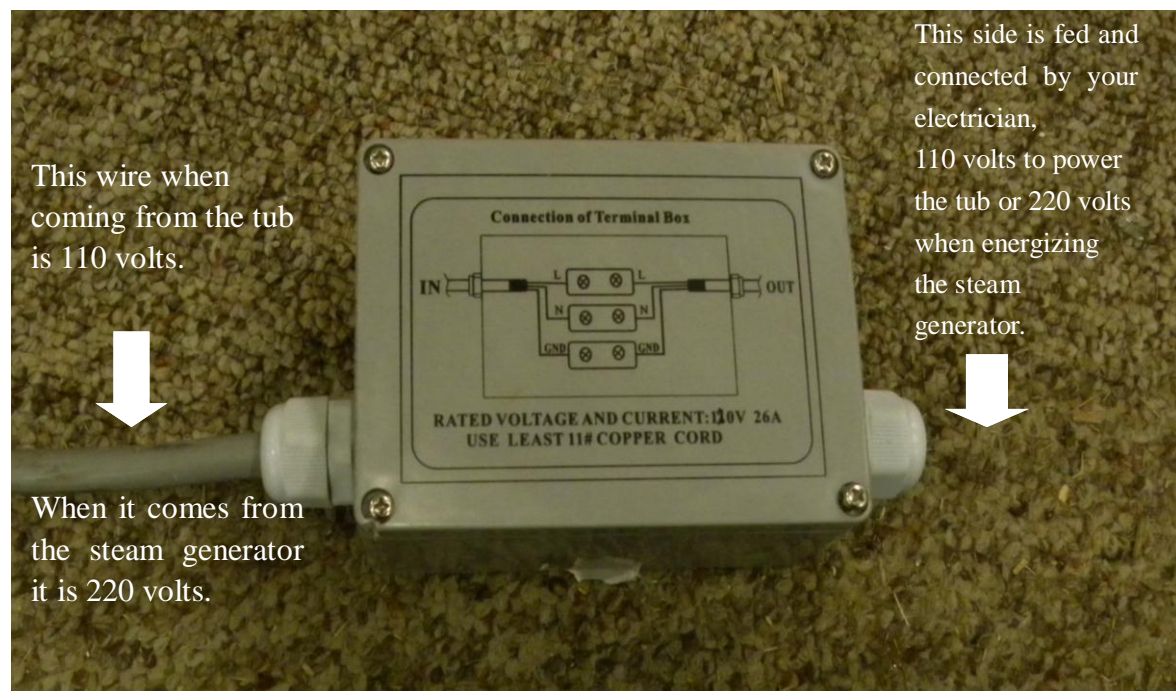
16. Connect the hot and cold water hoses, the red one is for hot water, while the blue one is for cold. Both the hot and cold water supply lines are half inch NPT pipe thread.

All electrical high voltage input wiring is to a terminal block as follows: 110 volt AC (as pictured to the right) is L1 or hot, neutral and ground. All 220 volt AC is L1 and L2 with ground. No neutral. Note: this is the inside of the box. The outside of the box and where the wires come from are described in the next photo

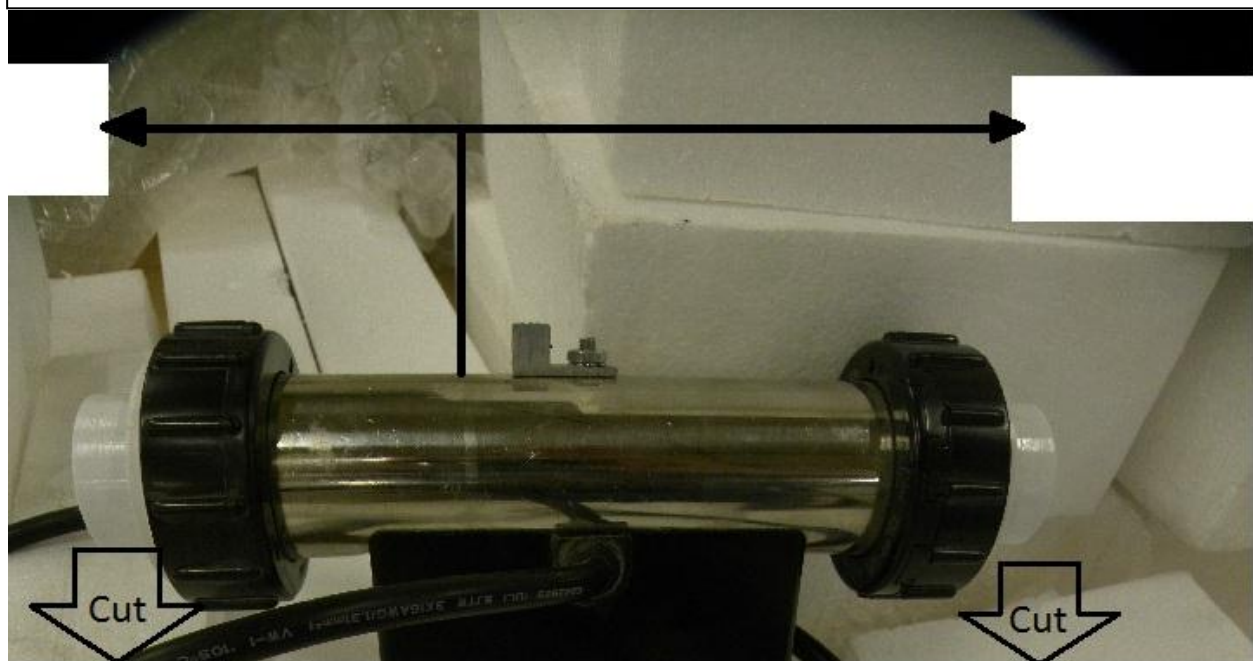


@ 110 volts	L1 (Hot)	Neutral	Ground
@ 220 volts	L1	L2 (no neutral)	Ground

@ 110 volts	L1 (Hot)	Neutral	Ground
@ 220 volts	L1	L2 (no neutral)	Ground



If you have purchased the optional tub water heater the following image and instructions are for you. If you have not then please skip and disregard this section and you may pick up on the next page.



water jet pipe
Cut and discard

Splice heater into any convenient side wall water jet pipe. Use standard PVC cement to secure it.

Pick a side wall water jet pipe that is convenient to work on. Measure the distance taken up by the water heater. (Approximately 7 and 5/8 inches). Cut this part out. Glue the ends of the water heater and wait until the glue sets as per the manufactures instructions. Plug the heater in. It has its own thermostatically controlled on/off and temperature controls. It will turn on when there is water present and the temperature is below 102degrees and will shut off at 104 degrees. Remember that this heater is plugged into a separate GFI 110 volt circuit as discussed in two other sections of this manual.

While the Caribbean shower Spa is still 16-24 inches away from its final installed position all joints and seams should be calked with a high grade silicone sealant. Then fully test the unit. Then slide it into its final installed position.

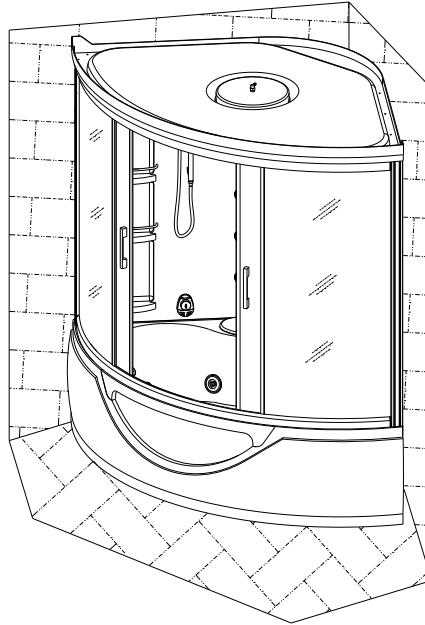


Figure13

4. Spray and foot massage installation

4.1 Connect the hose of the hand-held shower head (B) by screwing it into nozzle (A) as depicted below and, then put the hand-held shower head into its cradle. (C)(Figure 14)

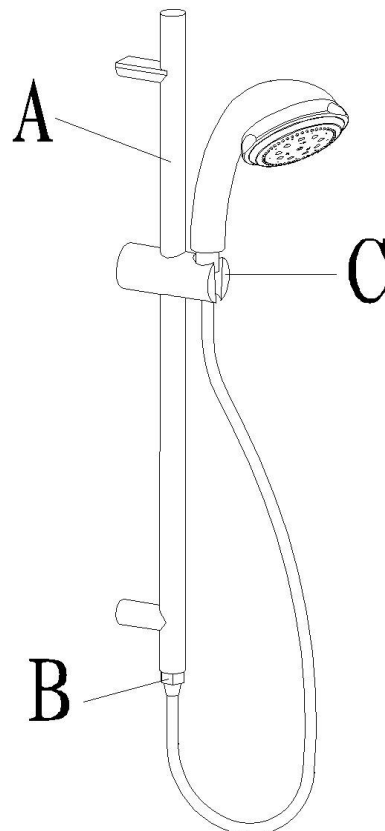
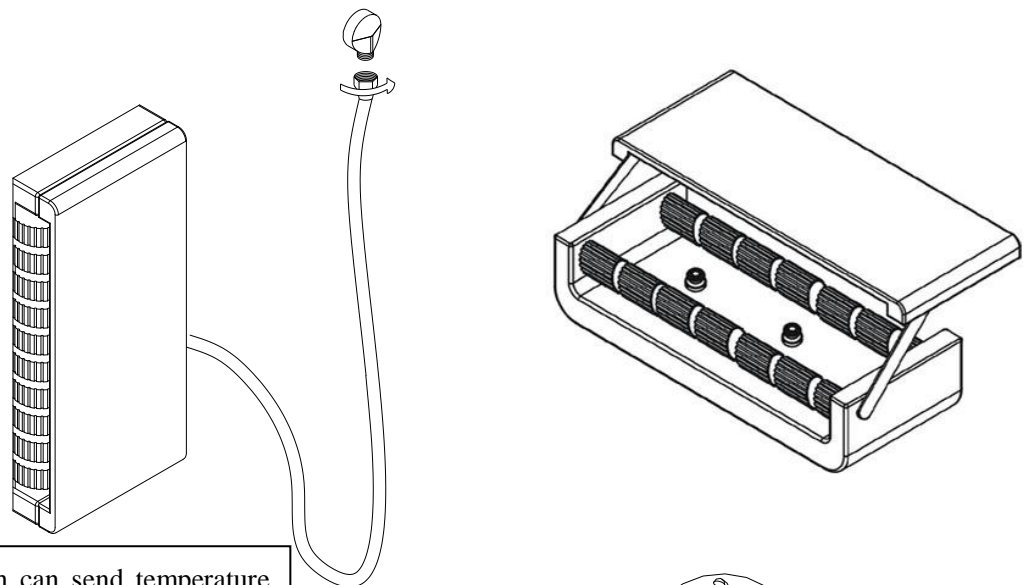


Figure 14

4.2 Use the same technique to install the foot massage unit. Its nozzle is located approximately 16 inches below the right side (as you enter) hand held sprayer nozzle. When using the foot massager open the cover of the unit as depicted in the illustration below.

Figure 15)



The 5 way selector switch can send temperature controlled water to the tub, foot massage, hand-held shower head, the rainfall shower, or the back message jets.

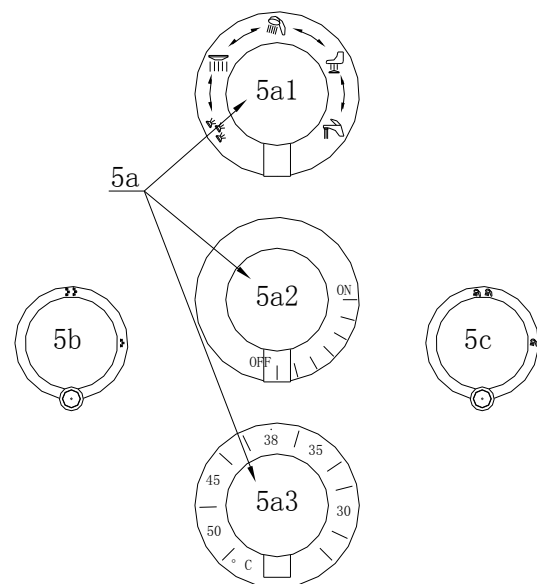
When the dial (5a1) has the hand-held shower selected, as noted by the icon, water will come out of the left shower head.

When control knob (5b) is opened then both hand-held showers will work.

When the selector dial is in the body massage position water comes out of the left body massage jets. When control knob (5c) is opened then both sets of body massage jets will work.

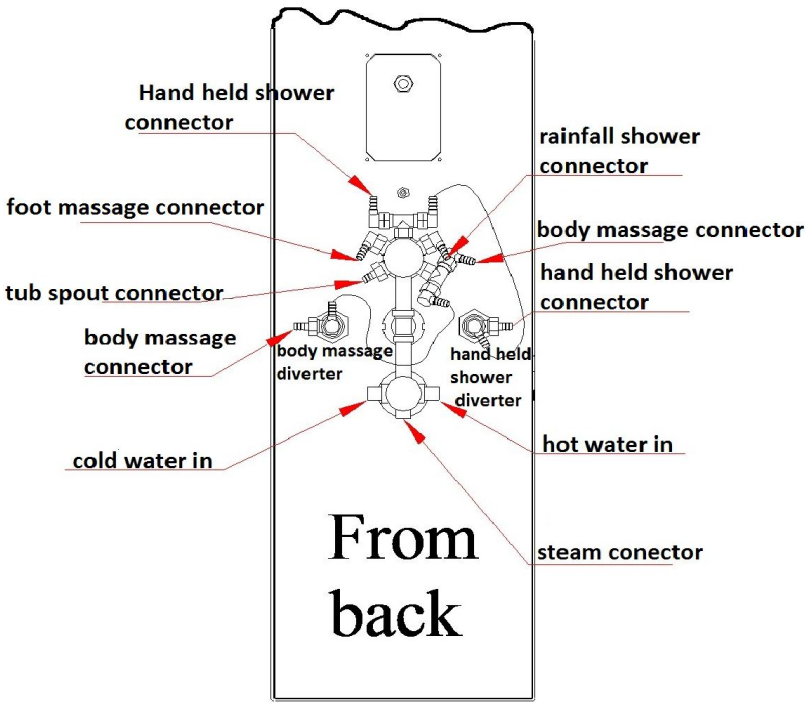
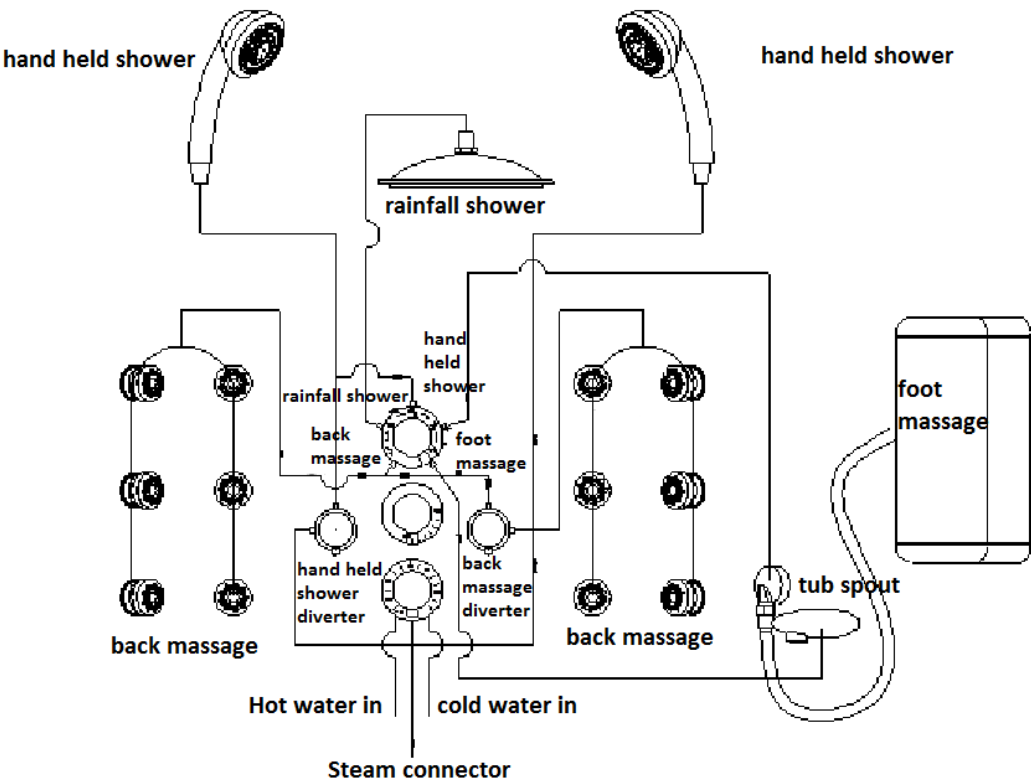
Knob (5a3) adjusts the temperature of the water and knob (5a2) is used to adjust the amount or rate of the water entering the spa.

The five way selector (5a1) may be set to and from any position even with the water running



6. Water route connecting diagram

From front



Attention: Within your warrantee period please do not break the seal on the electrical box or the steam generator. Doing so will void your warrantee. There are no user serviceable parts inside. DO NOT repair or replace these units on your own. If you do experience any problems, please contact Aquapeutics' **Toll Free Customer Service line 1 (800) 290-6812** for after-sale service.