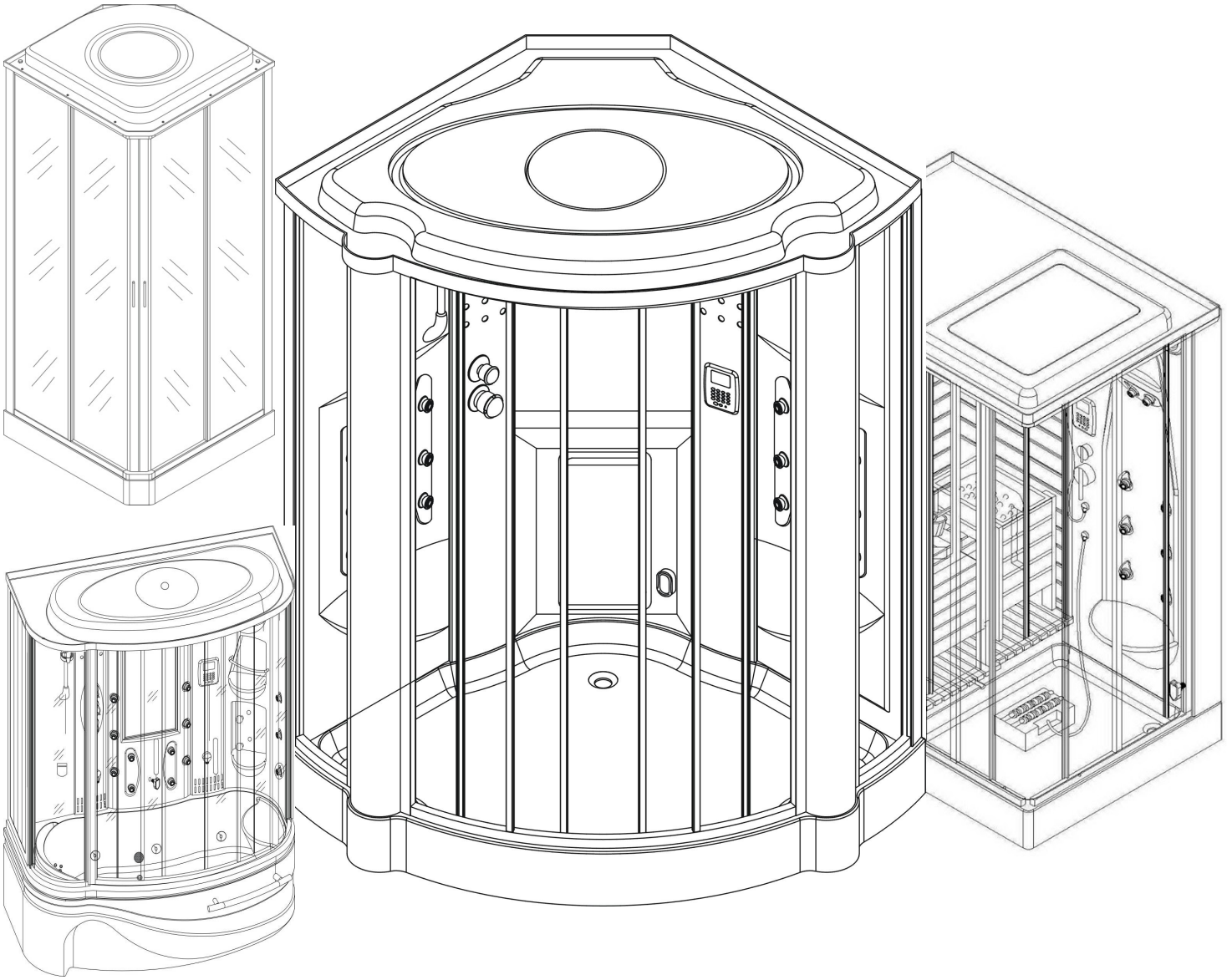
Aquapeutics

GENERAL INSTALLATION

GUIDE



Toll Free Customer Service line 1 (800) 290-6812

Thank you for choosing an Aquapeutics product. Please read the following guide 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 presser 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 doctors opinion on the recommended frequency of use of this product.

Shipment information

Upon arrival your Aquapeutics spa it is IMPERATIVE that you inspect for exterior damage to the shipping crates before signing the delivery receipt. DO NOT refuse the shipment if you see external damage! Simply note the damage on the delivery receipt with the driver. Very rarely does external damage equate to internal damage to the unit. In the rare event that there is internal damage we can replace the piece that is damaged rather then replace the entire unit.

It is recommended that all rough plumbing and electrical work be completed before the assembly of your product begins.

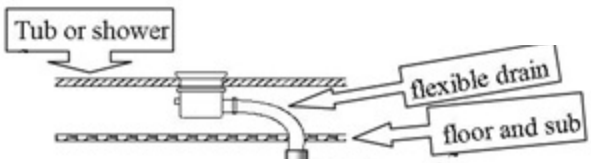
Typical Installation Requirements

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 aTub 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 supply13 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.



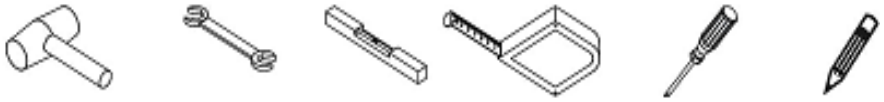
Drain pipe can be offset as much as 6-12 inches from tub drain and the Drain pipe should be at least 2 inches in diameter.

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.

At least two people are required to lift the larger pieces into position during installation.

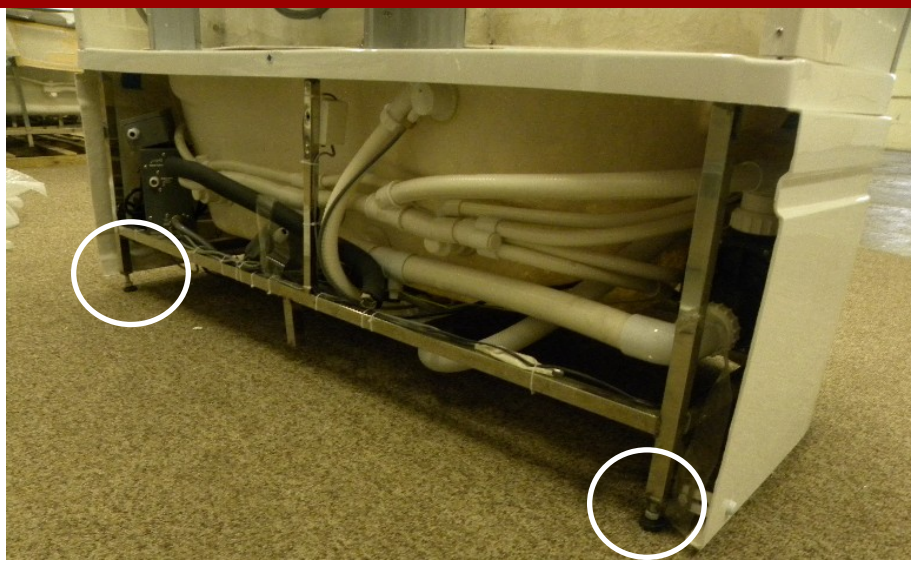
Typical supplied hardware

Typical tools needed

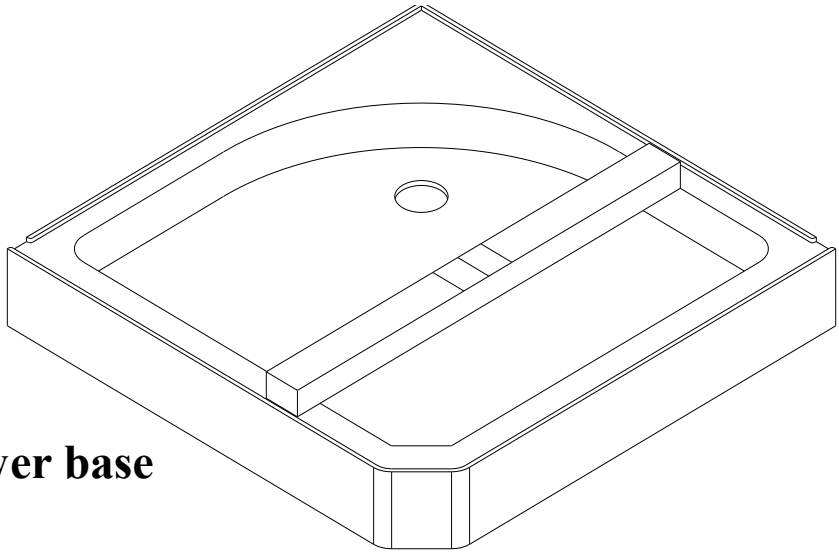


Wooden hammer Wrench Level Tape Screwdriver Pencil

Step 1 tub , Shower/ tub combo or shower base

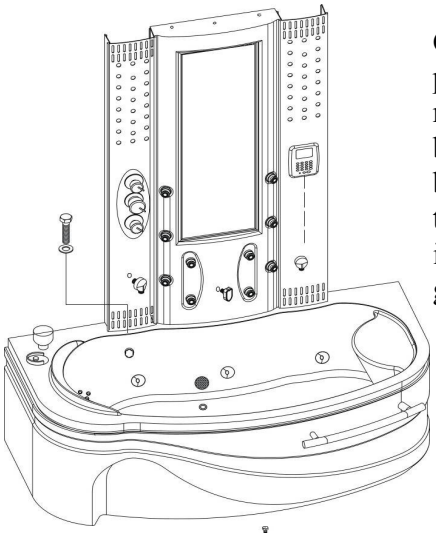


1.Place the shower / tub floor unit (as pictured to the right) 16-24 inches from its final installed location. Now adjust the leveling feet to bring the unit flat and level by using a 3 foot level and an open end or adjustable wrench to turn the adjusting nuts. (2 shown of 4) This will raise or lower each corner as needed. Once the unit is level and flat lock each leg into position with its locking nut.



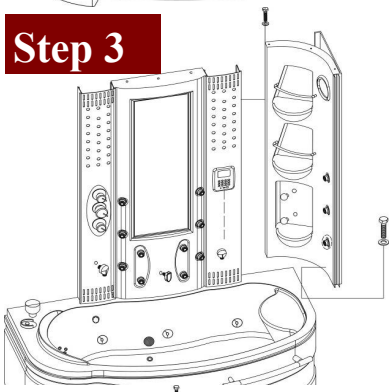
Shower base

Step 2– 9 Are typical steam shower assembly instructions

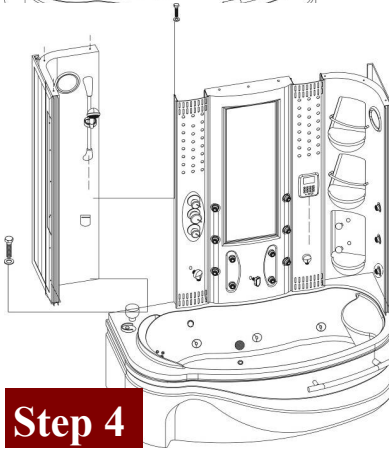


Carefully lift (two people are recomended) the back panel onto the bathtub. Fasten them together using 1/4x1 inch bolts with the gaskets in place.

Step 3



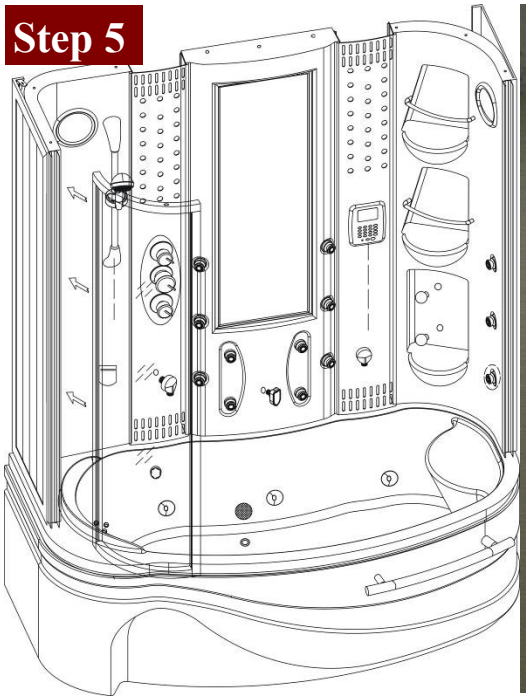
3. Lift the left back-panel onto the bathtubs back edge (two people are recommended) as shown in the drawings and photos, align the mounting holes of the back-panel with the holes drilled into the bathtub. Connect the sides of both panels with ¼ x 5/8 inch bolts and connect the bottom of the panel to the tub with ¼ x 1 inch bolts hand tight.



Step 4

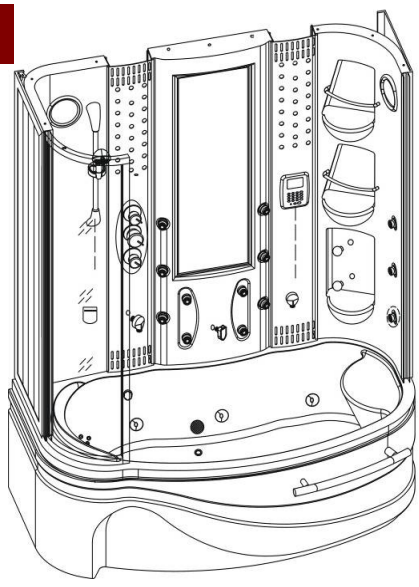
4. Assemble the right side as you did the left.

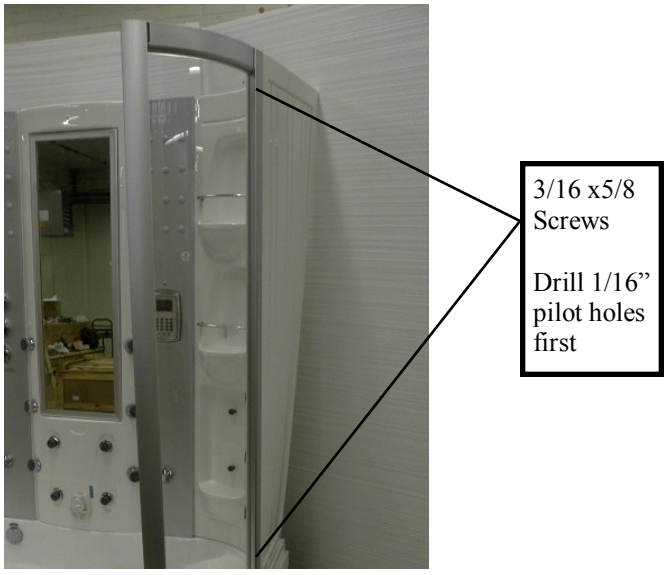
Step 5



Lift the fixed glass frame onto the bathtub as shown; slide it into the aluminum extrusion of the left side panel. When it has bottomed out into the vertical extrusion and the bottom of the glass panel is lying flat on the tub-lip surface as shown, attach with two 3/16 x 5/8 inch self-tapping screws from the side as shown. (Two people are recommended for this procedure. One to hold the pieces in place while the other screws the panel in place.)

Step 6



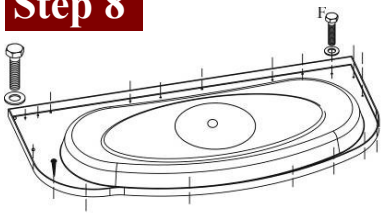


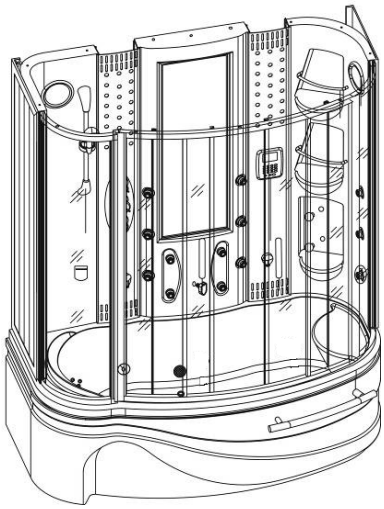
Lift the fixed glass frame onto the bathtub as shown in photo; slide it into the aluminum extrusion of the right side panel. When it has bottomed out into the vertical extrusion and the bottom of the glass panel is lying flat on the tub-lip surface as shown, drill two 1/16 inch pilot holes. After you have inserted the middle glass frame with the sliding glass door and the alignment has been checked to be square and plumb, attach with two 3/16 x 5/8 inch self-tapping screws from the side as shown. (Two people are recommended for this procedure. One to hold the pieces in place while the other drills and screws the panel in place.)

Step 7

Lift the middle glass section (with the sliding glass door section)(two people are recommended) onto the bathtub as shown in the photo, slip it into the aluminum extrusions on the left and right sides, making sure they bottom out into the vertical extrusions. (You may have to tap them into place with a rubber mallet) the complete glass wall and back panel assembly should be able to stand by itself without additional support. After the roof/ ceiling has been secured, some final self-tapping screws will be used to fasten the glass wall to the bathtub.

Step 8

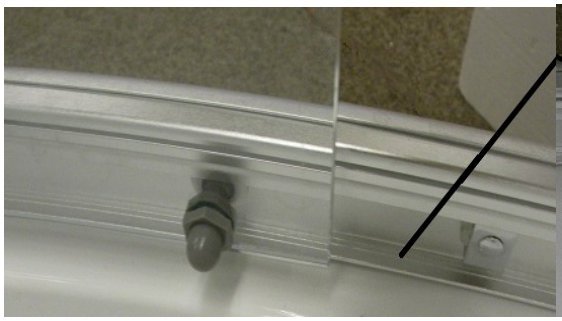




All the panels and glass sections should still be loose or only slightly hand tight. Lift the roof-ceiling section onto the top of the shower assembly and align all the holes. Connect the roof with the back-panel with 1/4 X 5/8 inch hex bolts, and connect to the aluminum extrusions of the glass door frame with 3/16 X 5/8 self-tapping screws. **Now snug up all fasteners (Except as mentioned in step 9) while making sure the unit is plumb and square.**

Step 9

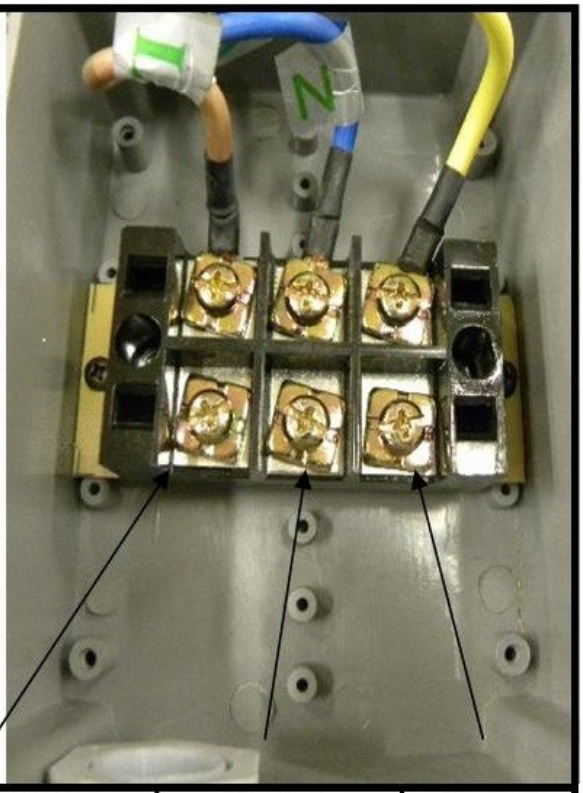
After the roof-ceiling has been secured, 2 self-tapping screws will be used to fasten the glass wall to the bathtub. Please pre-drill pilot holes through the extrusion (Two people are recommended for this procedure, one to hold the pieces in place while the other drills and screws the door frame onto the bathtub) before screwing it in place. The photos below (by way of the black lines) show recommended positions for the screw holes but any two convenient places will do.



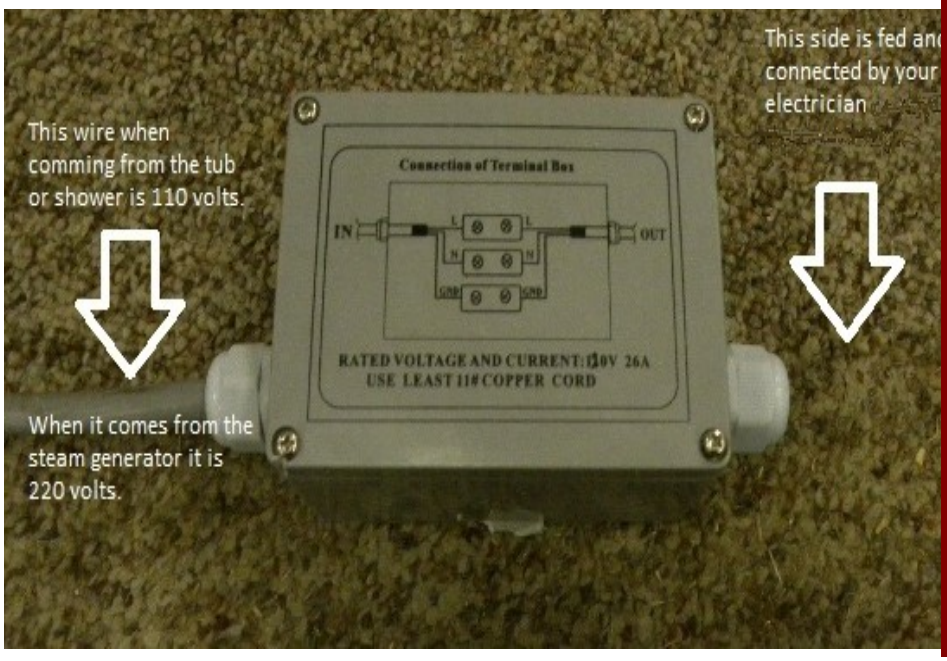
110 and 220 volt Electrical

Electrical parameters			
voltage	current	Power	frequency
220 volts	13.6	3000 Watts	60Hz
110 volts	11.8	1300 Watts	60Hz

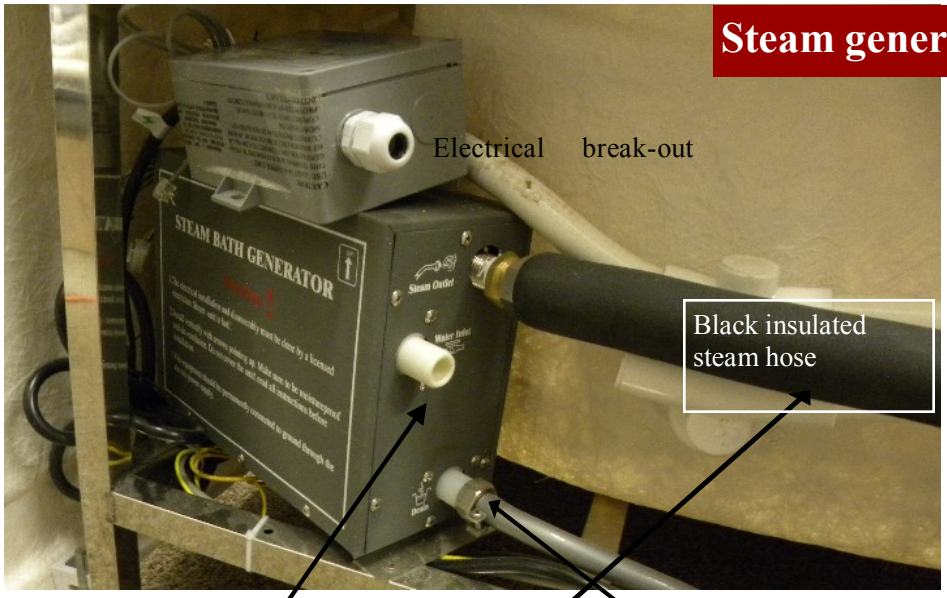
All electrical high voltage input wiring is to a terminal block as follows: 110 volt AC (as pictured to the right) is L1 or hot, neutral and ground. All 220 volt AC is L1 and L2 with ground. No neutral. Note: this is the inside of the box. The outside of the box and where the wires come from are described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



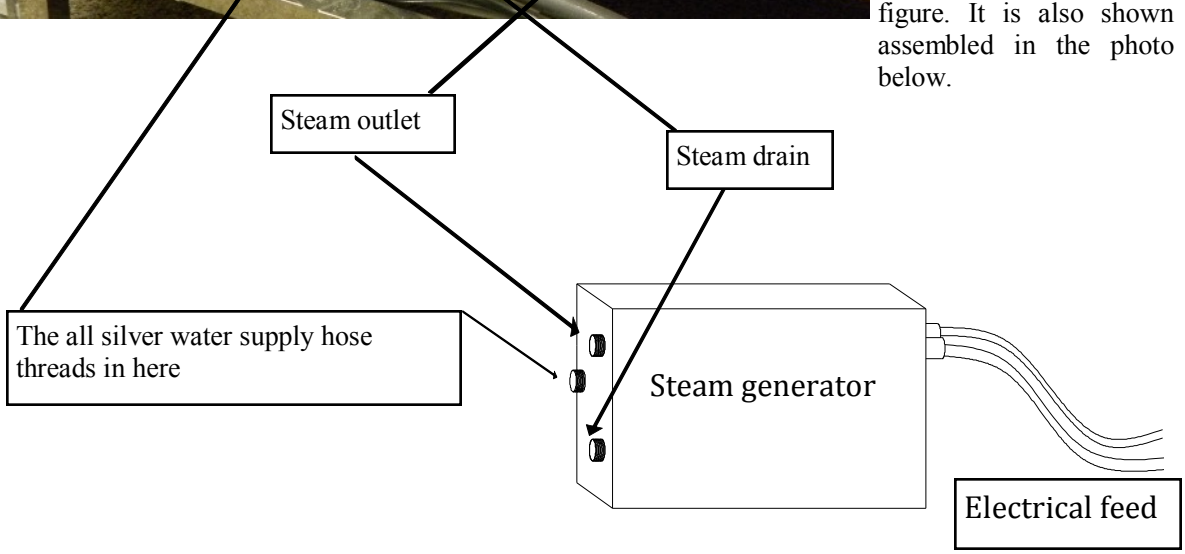
Bath @ 110 volts	**L1 (Hot)**	**Neutral**	**Ground**
Steam @ 220 volts	**L1**	**L2 (no neutral)**	**Ground**



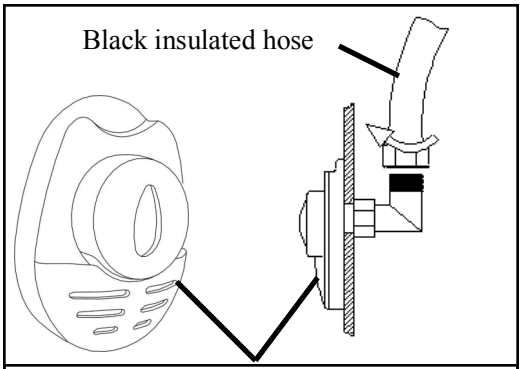
Steam generator plumbing



Connect all hoses to and from the Steam generator. The appropriate outlets/ inlets are labeled in the diagram and are visible in the photo. 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. It is also shown assembled in the photo below.



Connect the insulated black high temperature steam pipe, which comes from the steam outlet of the steam generator, to the steam jet's connector on the spa's back panel.

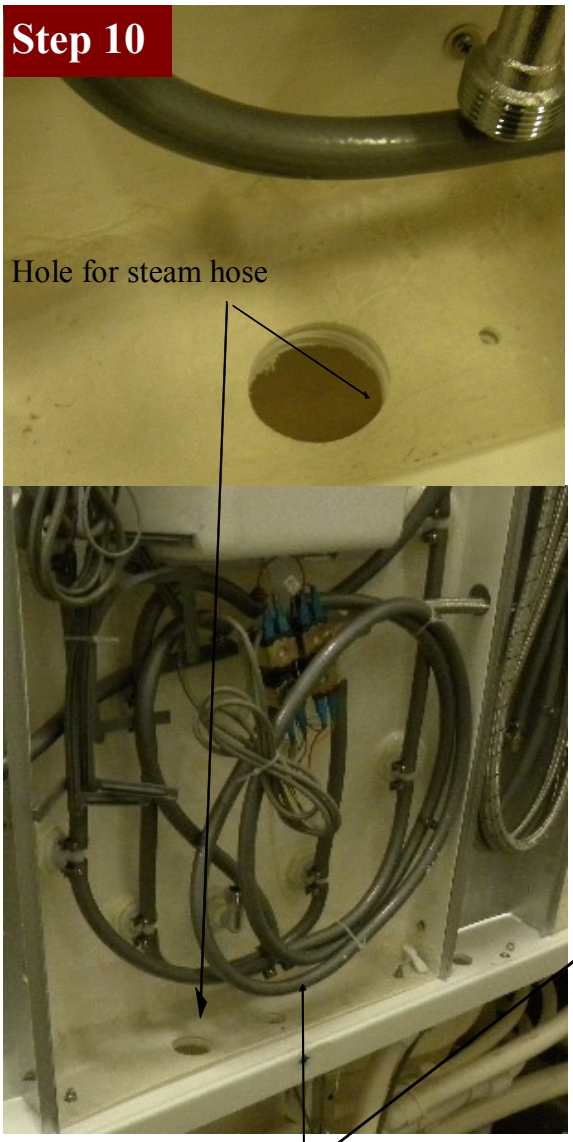


Front and side view of Steam outlet

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. (as shown on next page) Also insert the larger rubber

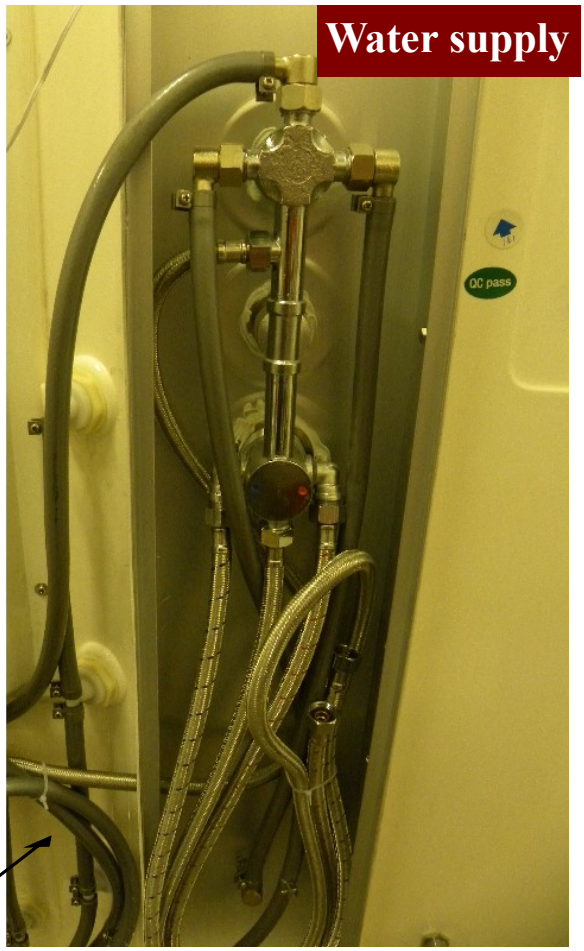
washer (as pictured in the parts page of this manual) into the connector before threading it into place on the steam jet.

Step 10



Long gray hose that goes to the rainfall shower.

Water supply



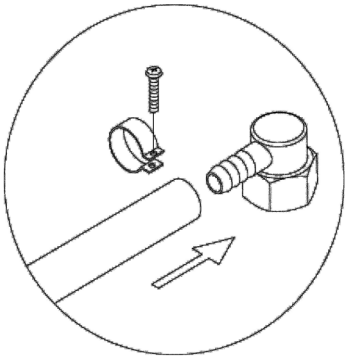
The silver braided hose goes to the steam generator

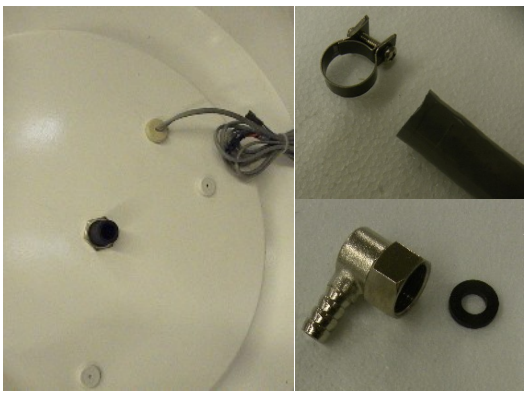
The red striped braided hose goes to the hot water supply

The blue striped braided hose goes to the cold water supply

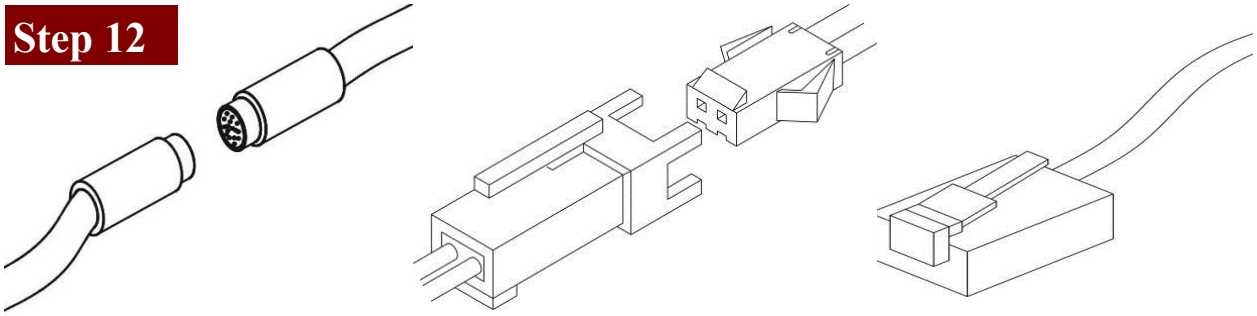
Step 12

The long gray hose goes to the rainfall shower and is connected to the elbow on the roof of the shower with a clamp as in the drawing.





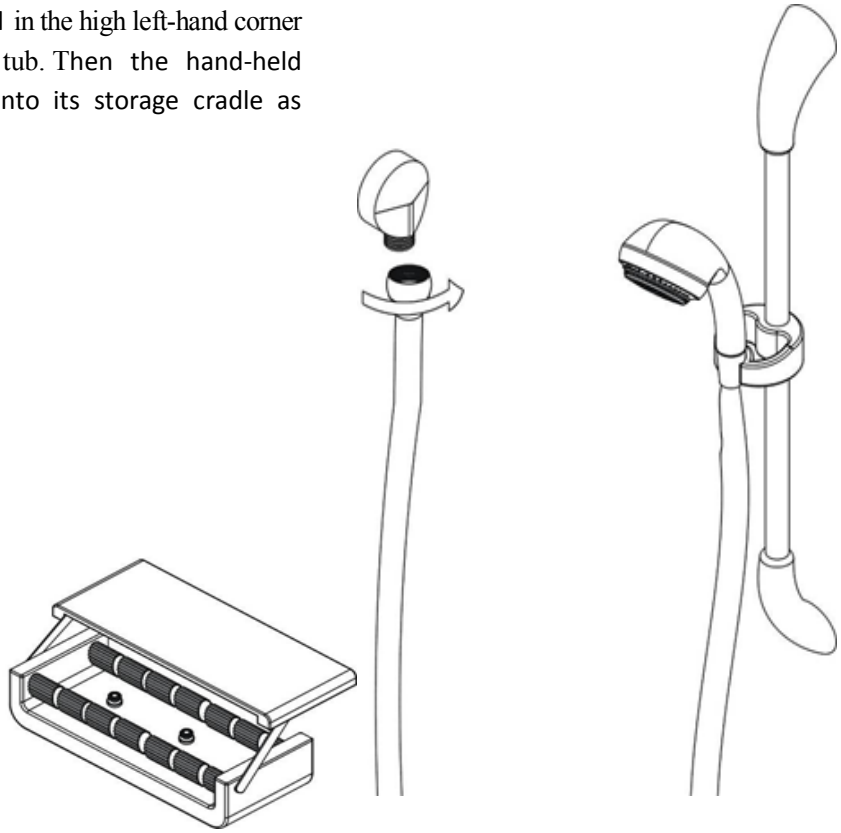
Step 12



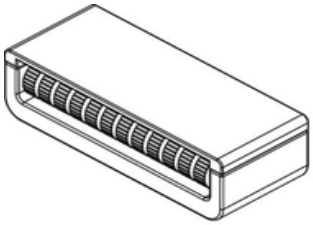
Please refer to the labels (with icons) on the wires of the various low voltage components. They include Telephone, CD, loudspeaker, LED lights, fan, control panel, and the ozonizer O3 shower self cleaner, Connect the wires sharing the same labels and/or properly mated connector pairs. The radio antenna is shown in its coiled condition. It must be uncoiled and draped down the back of the shower panel for best reception.

Step 13

The coupling at the end of the sprayer hose should be screwed in to the nozzle located in the high left-hand corner of the back panel as you enter the tub. Then the hand-held shower head can be inserted into its storage cradle as shown in the drawing.



Step 14



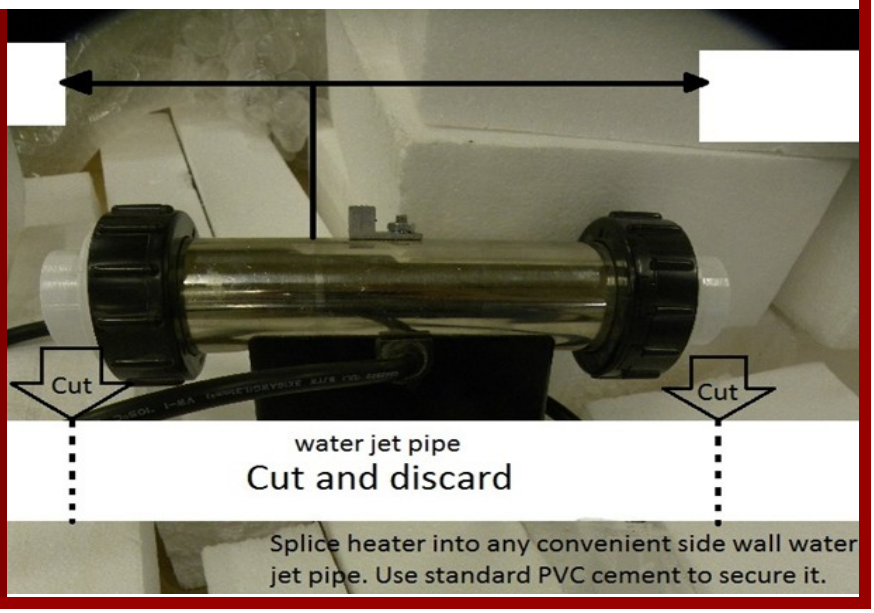
Use the same technique to install the foot massage unit.If applicable

Its nozzle is located in the lower right-hand corner of the back panel as you enter the tub. When using the foot massager open the cover of the unit as depicted in the illustration.

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 in addition to what your tub had originally needed.

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.

Optional water Heater: for use with tubs or shower tubs only



While the unit 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.

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.