



Pacific

Installation/Assembly Inst.

390745 Rev D 7/25/2023

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Models 390011-1, 390022-1, Panel 390010-1

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Introduction

Models 390011-1, 390022-1, Panel 390010-1

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These instructions are for the installation of a Pacific Recumbent Height Adjustable Bathing System Spa Panel and Spa Shell or Tank. This system is shipped on two pallets. The Pacific Spa Shell or Tank attaches easily to the Pacific Spa Panel. This system is a height adjustable spa.

Terminology and Symbols Meanings:

When the terms “left” or “right” are used with reference to the spa, this means left or right as you look facing the control panel.



Meaning: Safety warning. Failure to understand and obey this warning may result in injury to you or to others.

CAUTION

Meaning: Failure to follow these instructions may cause damage to parts or systems.

Note: Refer to the “Pacific Bath Controls” section of this manual, page 6, for the location of any of the controls referenced.

Drain Requirements:

The Pacific Spa is equipped with a 1½” (inside) diameter flexible drain tub to enable drain attachment on the floor directly under the tank or route through the panel frame and attach to a wall drain. Figure 2 shows two different options for roughing in the drain pipe – from the floor or from the wall. The rough-in needs to be 1½” (outside diameter).

Suggested Rough-Ins

It is recommended that a licensed plumber make all plumbing connections. The plumber can select the best method of connection for the particular situation.



Introduction

Room Size Requirements

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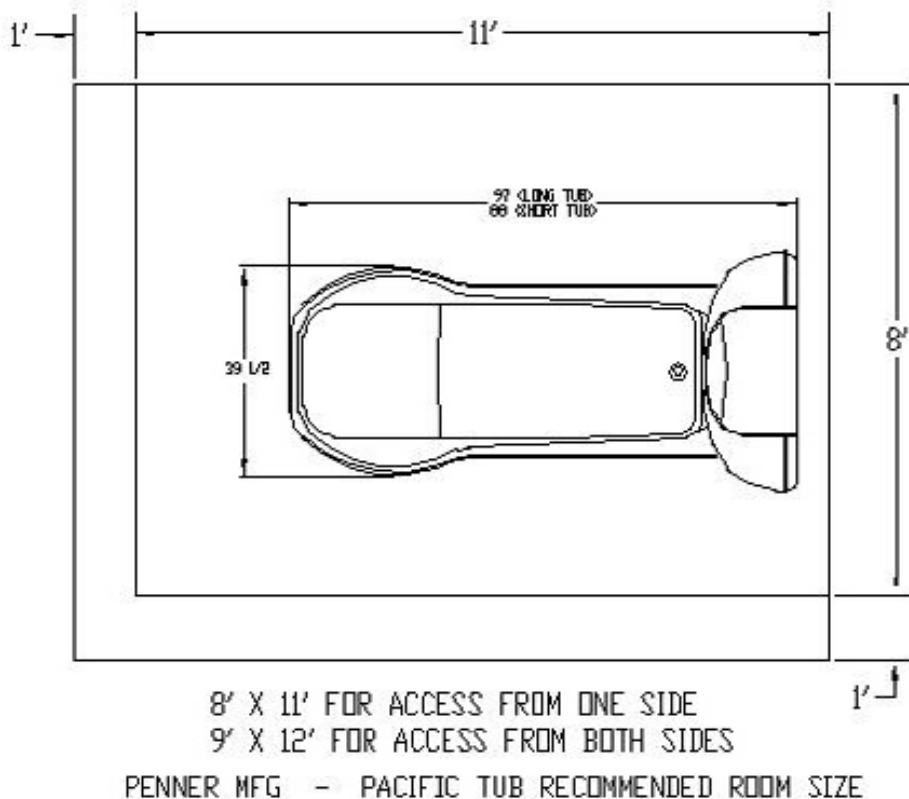
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Space Requirements:

See Figure 1 for "Recommended Room Size" requirements

Figure 1
Room Size Requirements



Hot and Cold Water Supply Requirements:

3/4" supply lines with on/off valves with 3/4" NPT female threads. We recommend 3/4" ball valve with 3/4" NPT female ports. Valves supplied by others. See Figure 2 for recommended locations.

For optimum performance, dynamic pressures should be nominally equal.

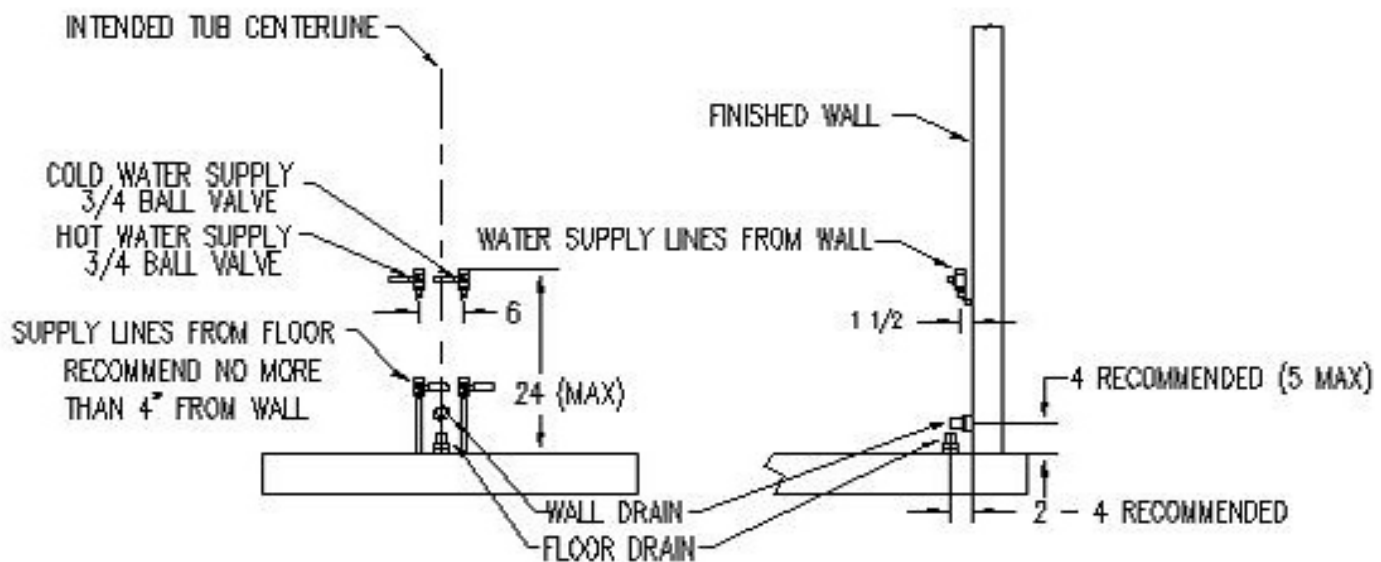
Maximum static supply pressure: 145 PSI.

Maximum dynamic/maintained supply pressure: 81 PSI.

Maximum supply hot water temperature: Consult local requirements for maximum allowed supply temperatures. (Not recommended over 110°F)



Recommended water supply rough-in's (wall or floor) and
drain rough-in's (wall or floor)



PENNER MFG -- PACIFIC DRAIN AND WATER SUPPLY ROUGH-IN

Pacific

Control Panel Functions-Aqua Aire

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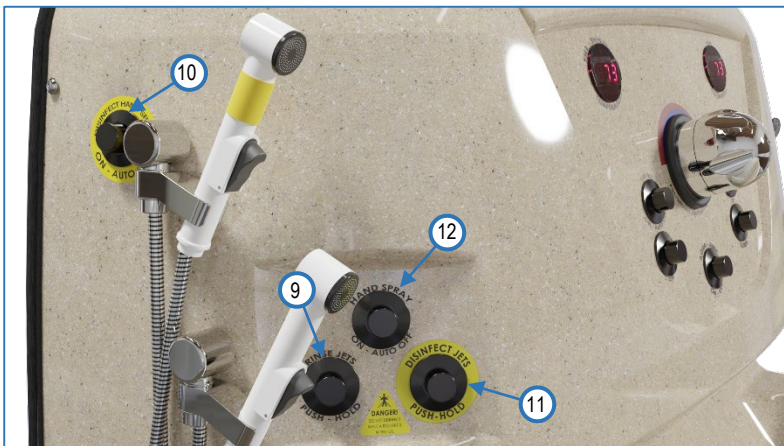
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1. Temperature Control Knob (Fill/Shower)
2. Fill/Shower Water Temp Readout
3. Spa Temp Readout
4. Tub Fill ON/AUTO OFF Button
5. Spa Fill OFF Button
6. Spa Height Up Button
7. Spa Height Down Button
8. Aqua-Aire ON/OFF Button
9. Rinse Jets Button (Push and Hold, Aqua-Aire Spas Only)
10. Disinfect Hand Spray Button (ON/AUTO OFF)
11. Disinfect Jets Button (Push and Hold)
12. Hand Shower ON/AUTO OFF (Adjustable Timer that automatically shuts off)
13. Bath Oil Pump Plunger
14. Shampoo Pump Plunger



Pacific

Control Panel Functions-Still Bath

390750 Rev D 7/18/2023

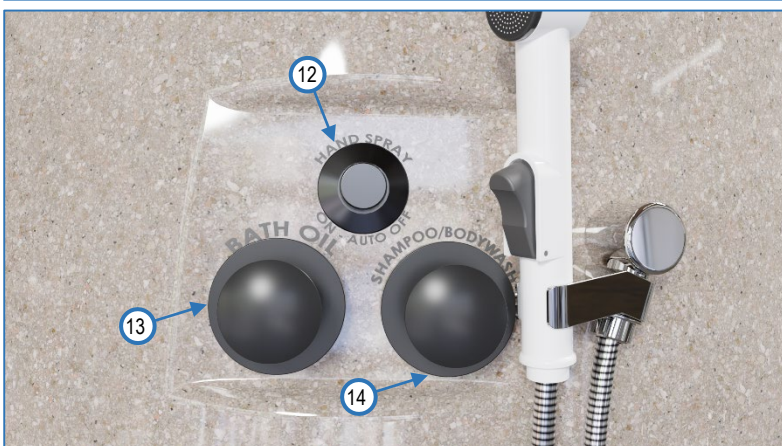
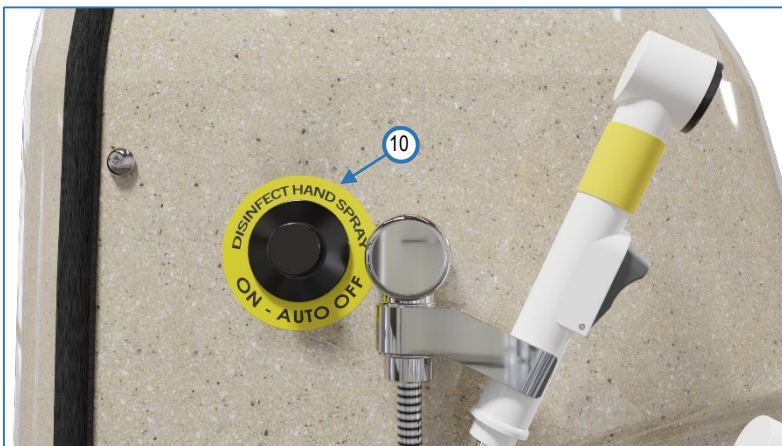
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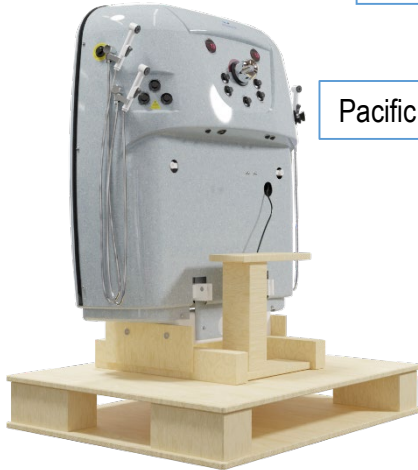
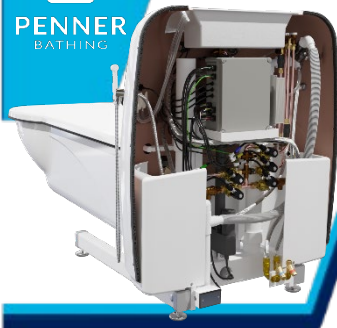


1. Temperature Control Knob (Fill/Shower)
2. Fill/Shower Water Temp Readout
3. Spa Temp Readout
4. Tub Fill ON/AUTO OFF Button
5. Spa Fill OFF Button
6. Spa Height Up Button
7. Spa Height Down Button
10. Disinfect Hand Spray Button (ON/AUTO OFF)
12. Hand Shower ON/AUTO OFF (Adjustable Timer that automatically shuts off)
13. Bath Oil Pump Plunger
14. Shampoo Pump Plunger





IMPORTANT: DO NOT UNCRATE THE PACIFIC PANEL & TUB SHELL BEFORE READING THESE INSTRUCTIONS. FAILURE TO FOLLOW THESE INSTRUCTION COULD RESULT IN AN INJURY TO THE INSTALLER OR DAMAGE TO THE PACIFIC SYSTEM.



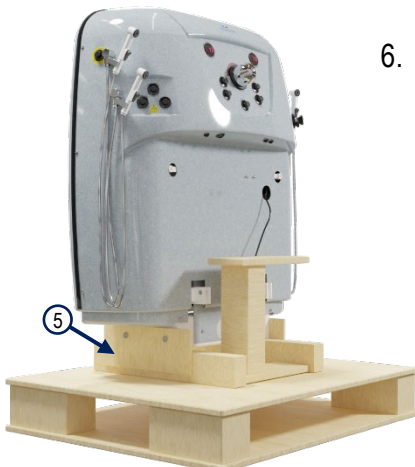
Pacific Panel

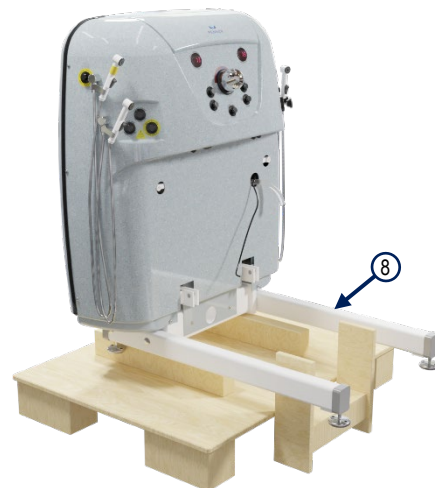
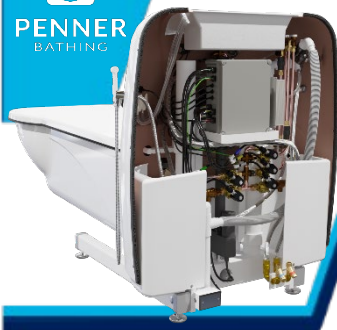


Spa Shell

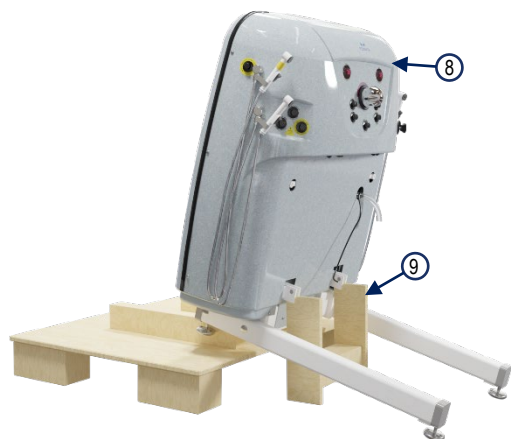
Note: Your Pacific system is shipped in two separate boxes on pallets labeled Pacific Panel and Spa Shell.

1. Upon receipt of your Pacific System inspect both boxes for external damage and evidence of abuse. If any is observed note it on the packing slip and report it to the freight company.
2. Take the cardboard box off of both pallets.
3. The Spa shell, when removed from the pallet, is light and can be carried from the pallet into the area of installation. Remove the legs and hardware package included in the spa shell box.
4. The Panel is left on the pallet until located in the area of installation. This pallet is 36" wide and will only fit through a 36" door. Move the pallet, with the Pacific panel on it, to the installation area by using appropriate dollies to avoid damage to the floor.
5. On the Panel Pallet, remove the two wooden plates that secure the panel base to the pallet and discard.
6. Assemble both legs, extending forward, onto the base of the Pacific panel using the 4 ea. 1/2-13 bolts included in the installation kit. You will need a 3/4" socket for the bolts.





7. Remove the wooden lowering fixture and place in front of the pallet as illustrated.
8. With the Pacific Panel still on the pallet, and the legs installed, two people can easily slide the whole panel forward on the pallet pulling on the legs until the front of the panel base is flush with the front edge of the pallet. Then let the legs rest on the floor by tipping the panel forward.
9. Make sure the wooden lowering fixture (10) is placed into and under the bracket pins as far back as possible. Make sure it is straight vertically.
10. You are now ready to remove the Pacific Panel from the Pallet. You must follow these specific steps to allow the Pacific Panel to power itself off of the pallet.



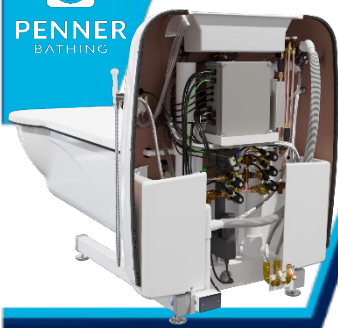
CAUTION

Do not slide the panel too far forward on the pallet. Failure to do so may result in the panel tipping and may damage the unit.



WARNING

Always have two people to ensure the panel stays stable as it is lowered from the pallet. Failure to follow these instructions could result in an injury to the installers or damage the Pacific System.

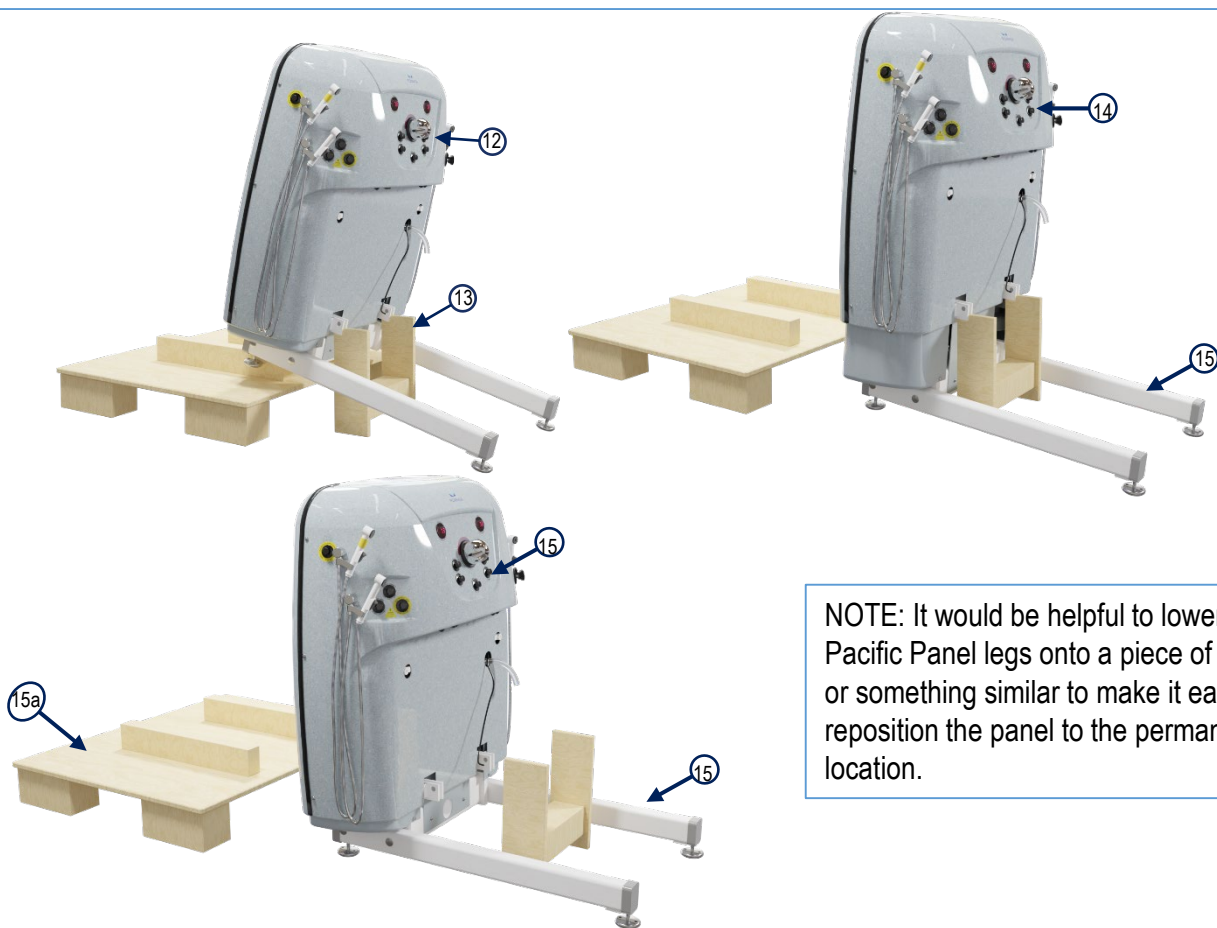


11. Connect power to the Pacific Panel by plugging the temporary cord, attached to the panel, into a wall outlet (115 VAC).

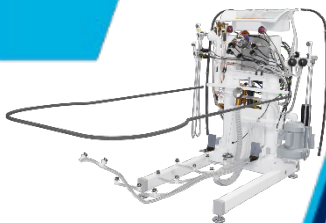
12. Now press the "UP" button of the Pacific Panel to slightly raise the panel about three inches or just above the lowering fixture (13).
13. Insert the lowering fixture (13) into place under the spa shell attachment brackets ensuring that the fixture is under the pins and as far back as possible. Check again to make sure the fixture is still vertically straight.
14. You now can lower the Pacific Panel by pressing the "DOWN" button until the spa attachment brackets are only resting on the lowering fixture. Then stop.
15. Now with one person standing on the leg extensions, press the "DOWN" button on the Pacific Panel again until the panel rises off of the pallet. The second person may then remove the pallet (15a), always having someone to stabilize the Pacific Panel. The Pacific Panel may then be lowered to the floor by pressing the "UP" button.

WARNING

There must always be a person standing on the leg extensions at all times (to prevent tipping) until the panel is completely lowered to the floor. Failure to do so may result in an injury or damage to the Pacific Panel.

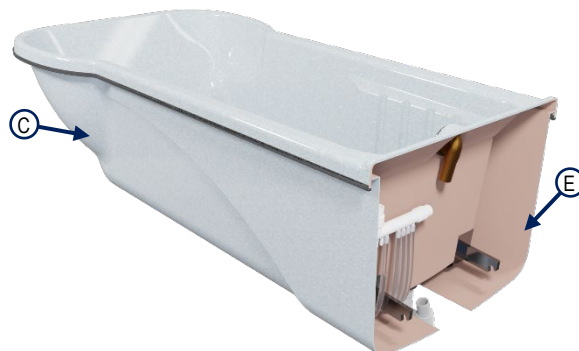
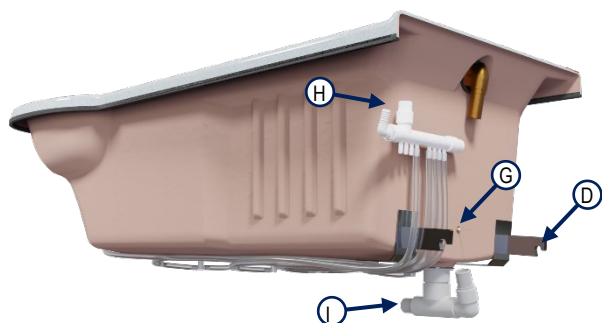


NOTE: It would be helpful to lower the Pacific Panel legs onto a piece of carpet or something similar to make it easier to reposition the panel to the permanent location.



16. You may now proceed to connect the spa shell to the Pacific Panel as follows:

- Open installation kit included in the box of the Pacific Spa Shell
- Hook up the power per licensed Electrician
- Remove the skirt from the spa shell after unpacking the spa shell and save the screws.
- Use two people to set the hooks of the spa shell onto the attachment brackets on the Pacific Panel.
- Place the edge trim around the foot end of the spa shell and cut to fit.

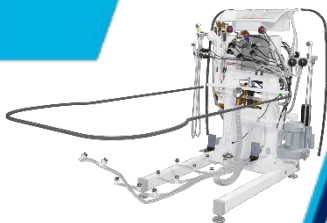


- One person is to lift the head end of the spa shell up while the other person inserts 2 each of the $\frac{1}{2}$ -13 x 1.25" long bolt with lock washer into the spa mounting bracket and tightened.
- Insert the thermometer probe into the temperature adapter fitting located in the lower center of the foot end of the spa shell. Probe is to be inserted about $\frac{1}{8}$ " past the black temperature probe adapter inside of the spa shell and tightened.
- Hook up the clear $\frac{3}{4}$ " air tube from the Pacific Panel to the elbow on the manifold located on the back of the spa shell and tighten the 1- $\frac{1}{4}$ " hose clamp.
- Install the drain hose to the drain of the Pacific spa shell using provided hose clamps.
- Carefully route drain line as necessary to the desired drain location.
- The drain hose may be cut to a desired length after which the inside of the extra adapter cuff must have silicone applied and then screwed onto the cut off end.
- Hook up the Hot and Cold water supply hoses as marked on the Pacific Panel.
- Re-install the spa skirt onto the spa shell with the saved screws.

WARNING

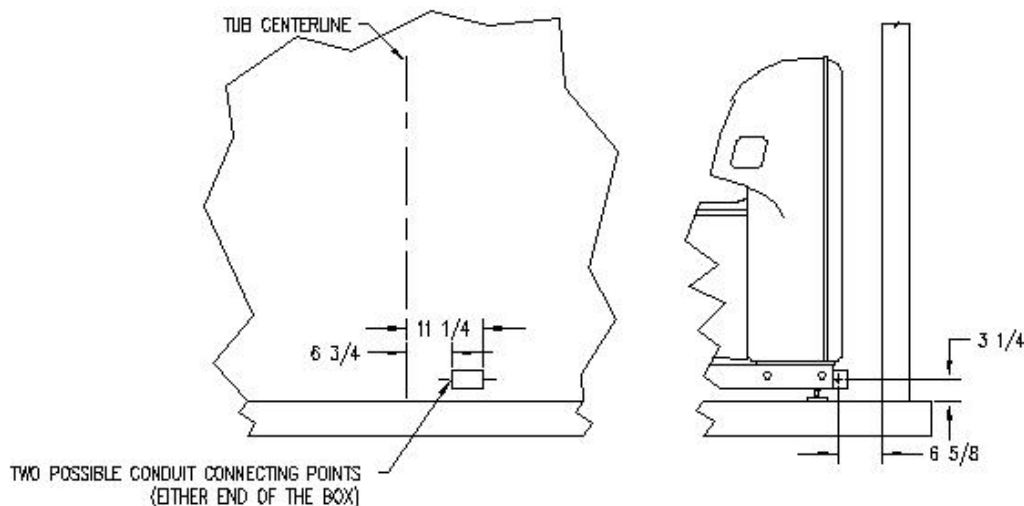
Do NOT lift or maneuver the Pacific Bath panel by lifting on the front and back Panels. Failure to avoid lifting on the fiberglass panels could cause damage to the unit and void your warranty.

NOTE: It is recommended that a licensed plumber make all plumbing connections. The plumber can select the best method of connection for the particular situation.



Codes in most locations require that circuits in "Wet" locations be provided with ground fault protection.

For the Aqua-Aire option (rated at 12 amps at 120 Volts) a 20 amp GFCI breaker will work.

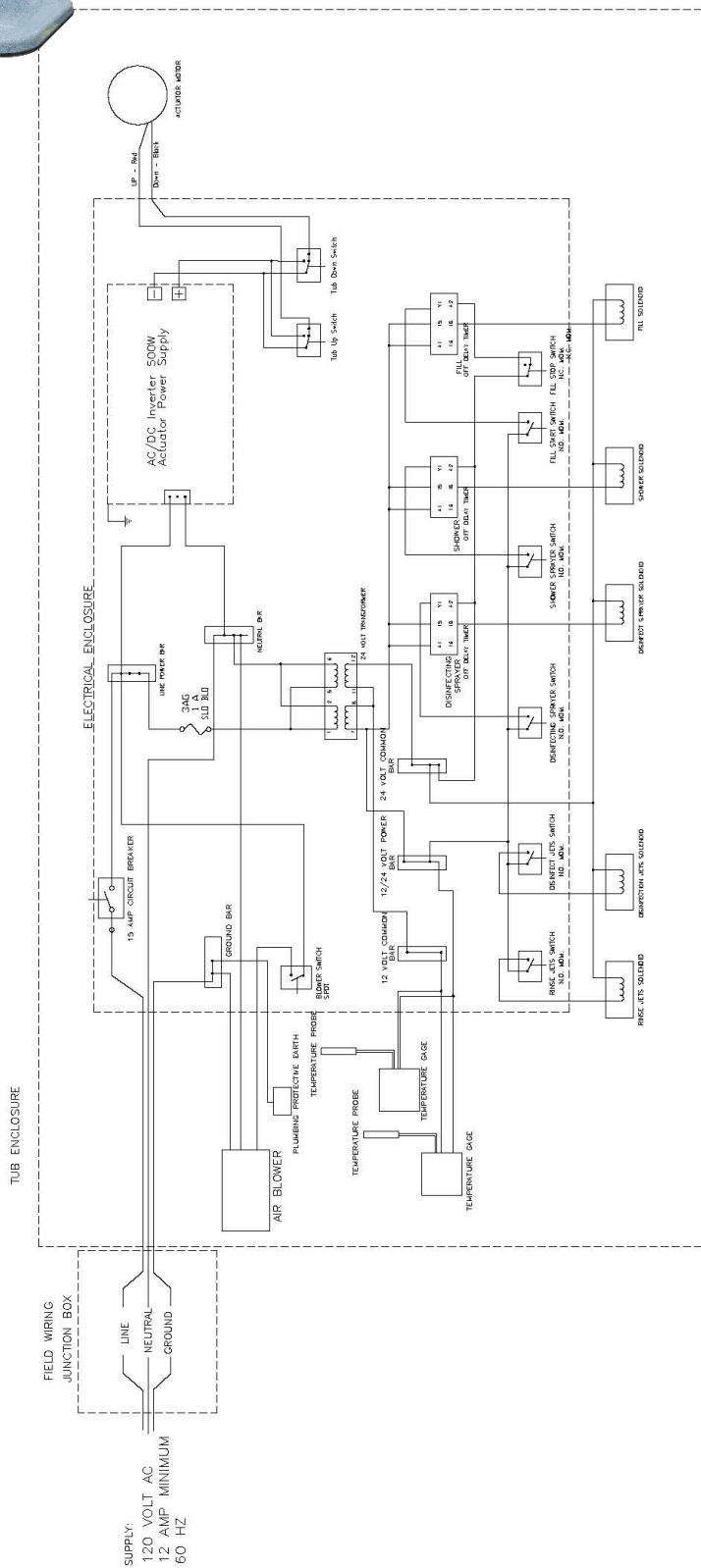


ELECTRICAL CONNECTING POINTS

1. You may now hook up the electrical connections with the Electrical connecting points.
2. Find the facility's electrical junction box appropriate for powering the Pacific Bath. Remove the cover and check that there is no power to this circuit.
3. Run flexible conduit and the proper size wires from the facility's junction box to either of the electrical connecting points of the spa as shown above.
4. Connect the ground to the electrical box grounding point using a ring terminal.
 1. Use the provided wire nuts to connect the "line" wire to the black wire and the "neutral" wire to the white wire within the field wiring box.
5. Replace the electrical enclosure cover. With the Pacific Baths circuit breaker switch in the "OFF" position, turn "ON" the circuit to the Pacific Spa.

WARNING This unit is to be connected only by a licensed electrician.

WARNING **DO NOT** attempt to operate this equipment before an authorized Penner Representative inspects it and selected personnel are trained in the operation of the equipment. The use of this equipment before inspection, adjustment, and training by the Penner Representative could result in damage to the equipment or injury to the operator and resident. Please call 1-866-736-6377 or 1-800-732-0717

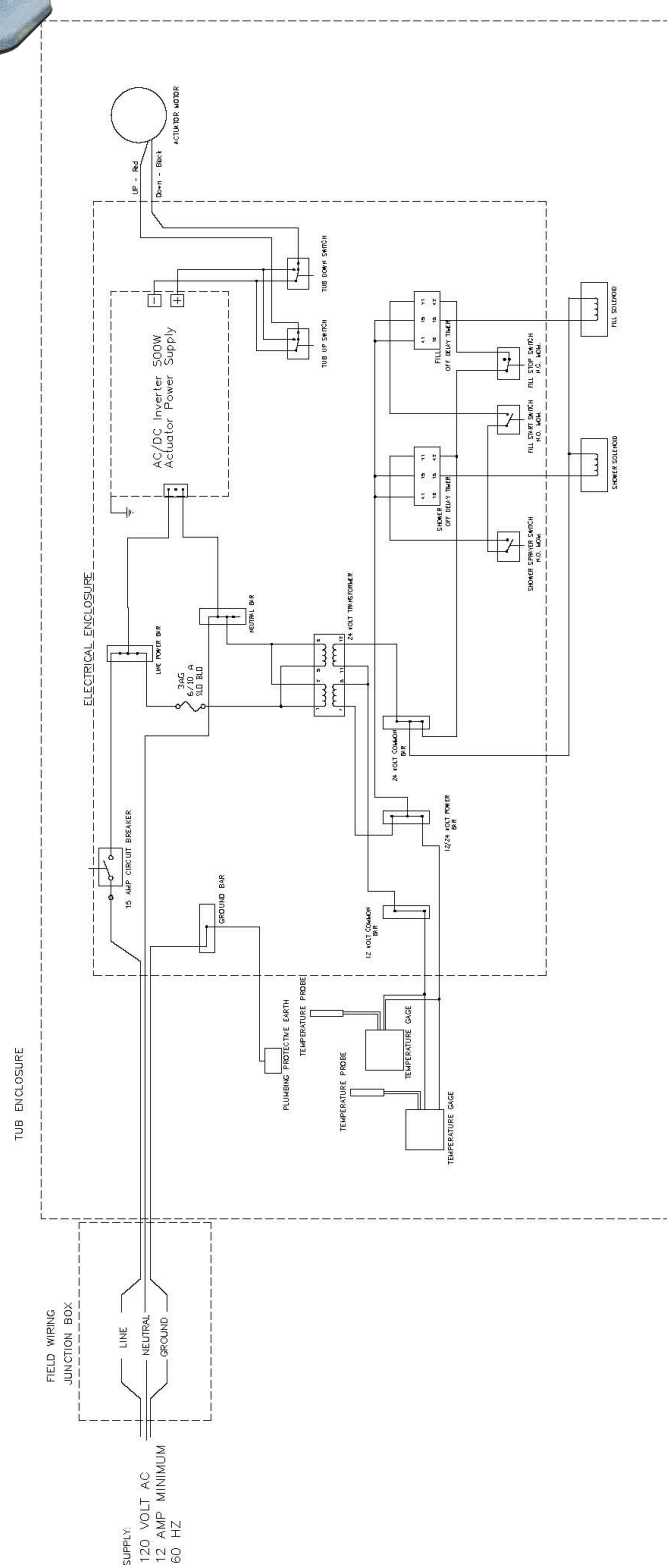
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390716 REV D



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PACIFIC - STILL BATH
390716-SB REV D



Pacific

Recumbent Height-Adjustable Spa

390745 Rev D 7/25/2023

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Your Penner Distributor and personnel are trained to provide in-service instruction and maintenance on your Pacific Spa. If you have any questions about the operation or maintenance of your Pacific, please contact your Penner Distributor. For you nearest Penner Distributor, Contact:

Penner Patient Care

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Aurora, NE 68818

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