



Optional Heater Bypass Kit for the Alexa™ Spa (Model D600000) INSTALLATION INSTRUCTIONS

Read all instructions before beginning conversion. The installation of an Optional/Heater on the Alexa Spa requires the use of a Jacuzzi Whirlpool Bath heater bypass kit P/N D827000

An electric or gas heater is available from your Jacuzzi Whirlpool Bath dealer for use on your spa as an optional feature and additional heat source offering a faster temperature rise than the integrated electric heater provided on the spa. We recommend that the heater selected have a rating of less than 100,000 BTU's.

Converting to an optional heater will involve some electrical wiring, providing a gas line (for a gas optional heater), and modifications to the spa plumbing and to the skirt. We recommend that you hire a qualified spa installer to perform this conversion if you are not equipped to do so.

IMPORTANT: Locate the heater at least 5 ft. but not farther than 10 ft. away from the spa; make sure the base of the heater is on the same level as the base of the spa. Refer to the manufacturer's installation instructions for proper placement and clearance around the heater as well as specific plumbing and electrical details.

Preparation:

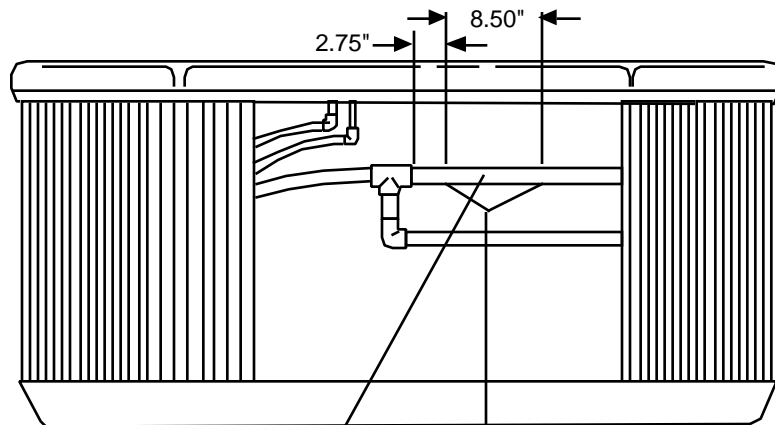
1. Unplug the spa power cord.
2. Drain the spa.
3. Temporarily remove the skirt panels on the left side of the spa by removing the screws at the top and bottom of each skirt.
4. Modify the spa plumbing as shown in figures A & B.

Installing the Heater

5. Prepare the optional heater installation site according to the heater manufacturer's instructions. Make sure the heater is located so the interconnecting piping between the spa and the heater will pass through the panel just removed in step 3 (left side panel of the skirt.)

6. Modify the left side panel of the skirt so the heater plumbing can pass through it. Using short nails, mount an 8" X 12" (min.) sheet of plywood on the inside of the skirt panel, at the place where the piping hole is to go. Cut a hole in the skirt and plywood large enough to accommodate the heater inlet and outlet pipes. Refer to Figure C.
7. Interconnecting piping between the heater and the spa should be 1-1/2" min. Sch. 40 PVC. We recommend that you use at least 4 feet of 1-1/2" copper pipe at both the inlet and the outlet connections on the heater. Use as few fittings and bends as possible. Refer to Figure D.
8. Replace the skirt panel. Attach inlet piping, which goes to the optional heater, at the right elbow. Attach return piping, which goes to the spa, at the left elbow.

SPA SHOWN WITH ONLY THE
PLUMBING AFFECTED BY THIS
MODIFICATION.



A.

Installing the Heater, continued.

- Refill the spa with water to the proper level.
 - Plug in the line cord and turn on the power to the spa at the main service panel.
9. Adjust the thermostat on the spa heater per instructions provided in the "Owner's Manual."

Adjust the thermostat on the optional heater. To do this, operate the spa FILTER mode, with the optional heater thermostat set at its maximum setting. When the spa water reaches the desired temperature, rotate the optional heater thermostat dial toward the minimum heat setting until the heater turns off. Mark the point on the thermostat dial at which this happens, for future reference. Do not increase the setting past that point. Lock in place if so equipped. **Jacuzzi Whirlpool Bath does not recommend spa water temperatures in excess of 104° F.**

Proper Operation

- If the optional heater is equipped with a pressure switch, adjust the pressure setting according to the manufacturer's instructions. The pressure is properly adjusted if the heater operates as follows:

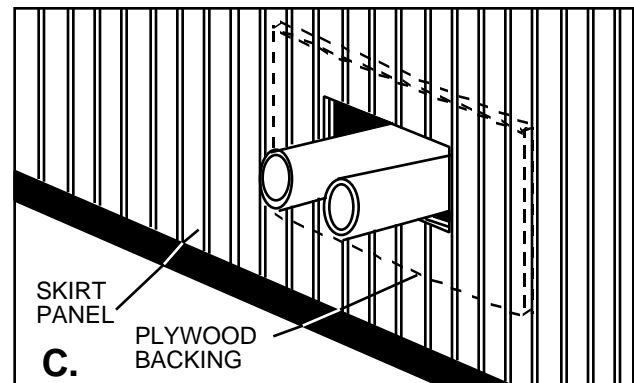
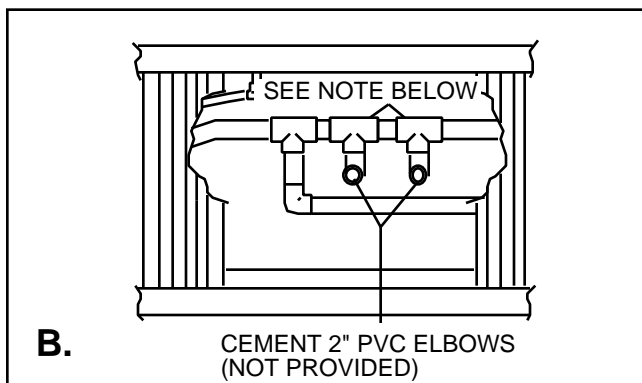
Operating Switch Settings:

Switch settings	Functions
OFF-	No heat.
WHIRLPOOL-	Heat governed by optional heater thermostat. (No heat if optional heater is turned off.)*
HEATER/FILTER-	Heat (controlled by spa thermostat.)
FILTER-	Heat governed by optional heater thermostat. (No heat if optional heater is turned off.)*

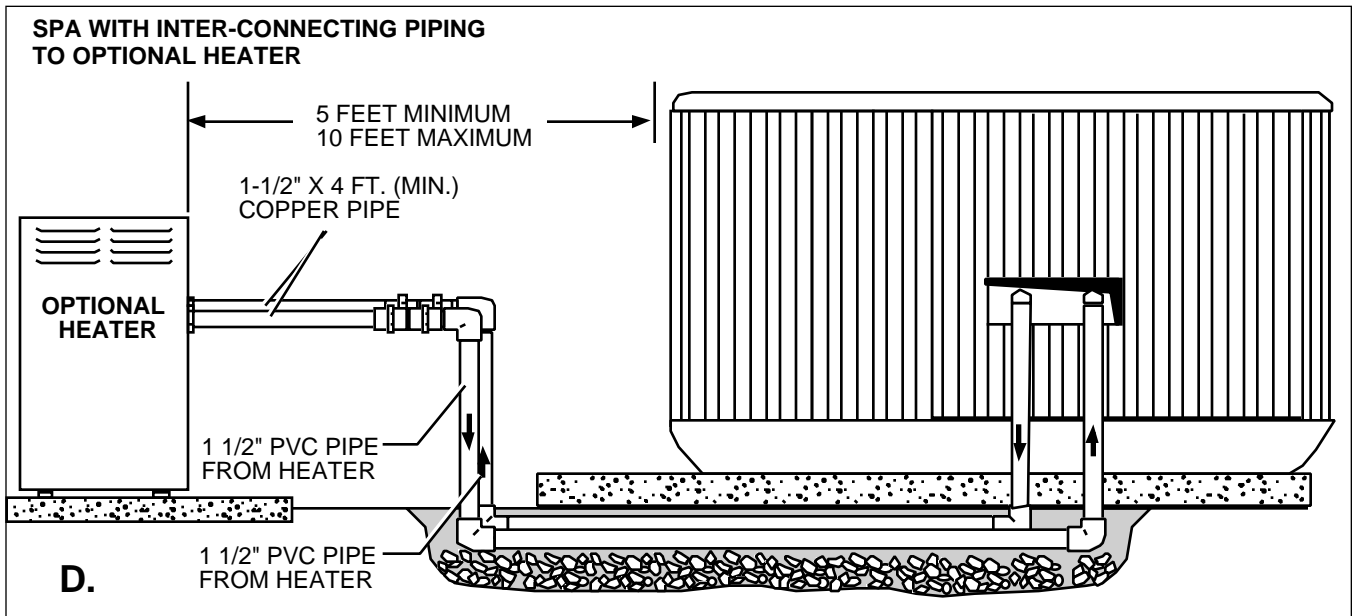
***CAUTION: When WHIRLPOOL or FILTER is selected, the spa thermostat is not operational and spa water will heat to the temperature selected by the optional heater thermostat, which may be considerably warmer than the desired temperature. Therefore, you should make sure to adjust the optional spa heater thermostat as in step 9.**

- If the pressure switch on the (added optional) heater is non-adjustable or will not activate the heater in the FILTER or HEATER/FILTER (low speed) mode, you can heat the spa water in the Whirlpool (High speed) mode.

10. Test the system for proper operation.



NOTE: INSTALL THE JACUZZI WHIRLPOOL BATH BYPASS KIT P/N D827000 (THE SHADED TEE ASSEMBLY)



THIS ILLUSTRATION IS A SUGGESTED PLUMBING LAYOUT. ACTUAL INSTALLATION SITES WILL VARY. USE AS FEW FITTINGS AND BENDS AS POSSIBLE.

IMPORTANT

Proper installation of an optional heater and compliance with local codes is the responsibility of the installer. Jacuzzi Whirlpool Bath does not warrant optional heaters or connections of optional heaters, nor is it responsible for damage to the spa which occurs during any installation procedure. See heater manufacturer's warranty packed with the heater.

**PRODUCT SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE.
USE INSTALLATION INSTRUCTIONS SUPPLIED WITH PRODUCT.**

Jacuzzi Whirlpool Bath has obtained applicable code (standards) listings generally available on a national basis for products of this type. It is the responsibility of the installer/owner to determine specific local code compliance prior to installation of the product. Jacuzzi Whirlpool Bath makes no representation or warranty regarding, and will not be responsible for any code compliance.

JACUZZI WHIRLPOOL BATH

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