

CAST POLYMER WHIRLPOOL INSTALLATION INSTRUCTIONS



PART I

A. Preparation for Installation

A whirlpool bathing unit is a deluxe, cast polymer bathtub designed for either island or alcove installation.

Recommended Tools and Supplies:

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| 1. Utility Drill | 6. Saber Saw |
| 2. Drill Bit | 7. Vise Grip or Crescent Wrench |
| 3. Countersink | 8. Level |
| 4. Slotted & Phillips Screwdrivers | 9. Tape Measure |
| 5. Hammer | 10. Carpenter's Square |

B. Pre-Test Your Whirlpool Bathtub

All whirlpool bathtubs are factory-tested for leaks and general operation. Shipment and handling may affect your product. We suggest you perform the following test prior to installation:

1. Plug drain with duct tape. Fill tub with water. **DO NOT RUN THE UNIT WITHOUT WATER.**
2. Have an electrician make a temporary safe (grounded). Check for leaks at all pipe fittings.
3. If leaks are detected, use RTV silicone to seal the jet and suction fitting locations which penetrate the tub. Allow tub to set 24 hours before retesting. If a leak is detected, apply primer and glue to the molded plastic pipe joint saddles at the pipe joints to affect the seal.

Prepare Access Panels:

Drain end. If possible, provide an access panel in the wall at the drain side of the tub.

Fire-Rated Drywall:

If fire-rated drywall is specified, the finished fire-rated drywall must be in place before the tub is installed.

Your whirlpool bathtub is designed with a removable apron so that the underside can be accessed. For this reason, wall covering _” or thicker cannot be applied to the walls adjacent to the sides of the apron. Of course, wall surround system may be used elsewhere around this unit.

C. Installation Procedure

1. Before the whirlpool is leveled in and fastened to the studs, the electrical connections should be made by a licensed electrician. We strongly recommend you have the electrician install a ground fault interrupter to the circuit which automatically shuts off the power to the tub if there is any danger to the bather. This whirlpool unit should be connected to a dedicated circuit.

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Helpful Hints: If you have stripped out the three walls to the studs surrounding the whirlpool, before the tub is positioned in the alcove pocket, check for proper insulation in all three walls to help reduce any chilling drafts and the noise of your tub.

2. Cut ends of the tub to fit the opening if required. Tub may have raised water dam on three sides. The tub should fit the opening and the water dam should be against the studs. The drywall should not come into contact

with the tub deck. Drywall should stop on top of the raised water dam, if the dam is present.

3. Make sure the tub is level with shims under joists (as before). Draw lines on walls and attach furring strips to the walls. Do not allow these strips to support the tub; the weight of the tub should be on the floor.

4. Mix mortar as before. Remove the tub and place polyethylene film on floor and mortar. Wriggle tub down on shims until it is level.

5. For additional information, see ICPA booklets, “How To Install a Cast Polymer Wall Set” and “How To Install a Cast Polymer Bathtub.”

6. Make sure the drain overflow kit is properly sized for your model tub.

Power Connections:

If the motor is equipped with a three foot cord with a three-pronged male connector, it may be plugged into a G.F.I. receptacle and/or a line that has been put in by a licensed electrician which has a G.F.I. installed in the breaker box. If the motor is not equipped with a cord, consult a licensed electrician.

Plastic overflow and drain assemblies with extension options are available either at the place of the whirlpool purchase or other plumbing dealers in your community.

Install the overflow drain assembly on the bathtub and connect it to the drainpipe. Fill the bathtub with water up to the overflow drain. Check all connections for leaks. Drain the tub and check all connections for leaks again. If a leak is detected, see “Test Your Whirlpool” above.

PART II

Test Your Whirlpool (Again)

Before installing the drywall, the whirlpool action of the bathtub and the tightness of all piping joints under pressure should be tested.

Fill the tub to the bottom of the overflow drain, then start the pump and check for leaks or signs of moisture.

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Helpful Hint: This would be a good time to clean the whirlpool and PVC pipes. Fill up tub. Add two table-spoons of liquid automatic dishwashing detergent. Run whirlpool for 10 minutes. Drain tub, refill and run for 10 minutes to rinse.

If no moisture appears, shut the pump off and drain the unit. During draining, check the drain waste piping connections for leaks.

When you are sure the pump operates properly and all piping connections are mechanically and hydraulically secure, installation of the drywall may proceed.

If you are going to use a deck-mounted spout and valving, be sure to include access to the piping in the design.

Whirlpool Bathtubs Use, Care and Safety

Operating Instructions

1. Fill the tub to a level at least two inches above the highest jet. Never allow anyone to turn on the pump with the bathtub empty (unfilled). This serves no purpose and may lead to pump failure.
2. If a timer operates the on/off function, set the timer for the desired length before getting into the tub. If you have a push button on/off switch, enter the tub and push the button to activate the pump. This button is also used to turn the pump off. Your tub may also have a timer connected to the push button which, when activated, will allow the pump to operate for a predetermined length of time.
3. The direction of the water flow from the jets is adjustable by moving the “eyeball center” in the desired direction.
4. The amount of air or turbulence in the water can be adjusted by opening or closing the air adjustment knob or knobs found above the waterline usually on or near the tub deck. Turning the knob to the right will close off the air, so only water will be circulated.
5. Never block the suction inlet screen. This could cause pump damage.
6. Do not add bubble bath or other sudsing agents to the water if you intend to use the whirlpool.
7. Never whirlpool in water that is over 104 degrees.

Care and Maintenance

1. The whirlpool plumbing should be cleaned periodically at least once every 90 days. Commercial whirlpool cleaning products are available in retail outlets or you can use three tablespoons automatic dishwasher detergent and a few ounces of household bleach. Circulate for at least five minutes before draining.

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2. Cleaning the tub and the face of the whirlpool trim can be best done by using a liquid-type detergent (non-abrasive) on a soft sponge or cloth in warm water.
3. Do not use harsh abrasive powders, corrosive chemicals, solvents or ammonia compounds on the tub or the trim.
4. Cigarette stains, dulled areas, and light scratches in your bathtub can be removed by rubbing gently with automotive rubbing compound followed by an application of paste wax.

Safety

1. Be sure that all wiring is GFCI protected and properly grounded as per the National Electric Code.
2. To avoid electrocution, never allow electrical appliances such as radios or TVs to be placed close enough to the tub deck to fall into the tub.
3. If you feel ill while whirlpooling, get out of the tub immediately. If symptoms persist, seek medical help.
4. Follow your doctor's advice if using a whirlpool for therapeutic treatment, chronic health problems, or if you are ill or pregnant.
5. Never use a whirlpool that has a missing or damaged inlet (suction) cover. Persons with long hair should wear a bathing cap or other means to prevent hair from becoming entangled in the suction. Children or incapacitated persons should not use the tub unattended.