

INSTRUCTIONS PERTAINING TO A RISK OF FIRE, ELECTRIC SHOCK OR INJURY TO PERSONS REQUIREMENTS

WARNING - When using this unit, basic precautions should always be followed, including the following:

1 READ AND FOLLOW ALL INSTRUCTIONS.

1. **DANGER:** To reduce the risk of injury, do not permit children or infirm persons to use this unit unless they are supervised at all times.
2. Use this unit only for its intended use as described in this manual. Do not use attachments not recommended by the manufacturer.
3. Never drop an object into any opening.
4. Do not operate this unit without the guard over the water intake suction fitting. The guard is a safety device that reduces the potential hazard of hair or body entrapment. **KEEP HAIR AWAY AND BODY AWAY FROM SUCTION GUARD WHEN PUMP IS RUNNING.**
5. Anyone under a doctor's care, pregnant, or whose health is poor, should check with a physician before using this unit.
6. Recommended length of bath is 5 to 10 minutes. Prolonged immersions in hot water may induce hyperthermia. Hyperthermia occurs when the internal temperature of the body reaches a level several degrees above the normal body temperature of 98.6 degrees F. The symptoms of hyperthermia include an increase in the internal temperature of the body, dizziness, lethargy, drowsiness, and fainting. The effects of hyperthermia include (1) failure to perceive heat, (2) Failure to recognize the need to exit the spa or hot tub, (3) unawareness of impending hazard, (4) fetal damage in a pregnant woman, (5) physical inability to exit the spa or hot tub, and (6) unconsciousness resulting in the danger of drowning. Get medical attention if symptoms persist.
7. Do not use directly after eating. **WARNING** - The use of alcohol, drugs or medications greatly increase the risk of fatal hyperthermia.
8. This unit must be connected only to a supply circuit that is protected by a ground -fault circuit interrupter (GFCI). Such a GFCI should be provided by the installer and should be tested on a routine basis, To test the GFCI: Push the Test Button. The GFCI should interrupt power. , Push the Reset Button. Power should be restored. ,
9. If the GFCI fails to operate in this manner, there is a ground current following, indicating the possibility of an electric shock.
DO NOT USE THIS UNIT! Disconnect the unit and have the problem corrected by a licensed electrician.
10. A green colored terminal (or wire connector marked "G", "GR", "Ground", or "Grounding") is provided with the terminal compartment. To reduce the risk of electric shock, connect this terminal or connector to the grounding terminal of your electric service or supply panel with a continuous green insulated copper wire equivalent in size to the circuit conductors supplying this equipment, but no smaller than No. 12 AWG (3.3mm).
11. A pressure wire connector is provided on the exterior of the terminal box within this unit to permit connection of a
No. 8 AWG (8.4mm) solid copper bonding conductor between this unit and all other electrical equipment and exposed metal in the vicinity, as needed to comply with local requirements.

12. SAVE THESE INSTRUCTIONS.

OPERATING INSTRUCTIONS

1. Fill your tub approximately 3" above the highest jet. Do not start pump until tub has been filled to specified height. Never run pump dry. Starting motor with water in tub could result in damage to pump and/or seal and void warranty.
2. **MASTER AIR CONTROL**
Located on the inside wall of tub, above the waterline; or on deck of tub. For more air and water action, turn counter-clockwise; for less, turn clockwise.
3. If your tub is equipped with **ADJUSTABLE JETS** you can increase air and water pressure by turning the nozzle on each jet counter-clockwise. Both air and water can be decreased or shut off by turning the nozzle clockwise.
4. For units equipped with **30 MINUTE WALL TIMERS**
 - a) Timer must be installed a minimum of a 5 ft. reach from the tub or in accordance with local and state ordinances.
 - b) After filling tub, set timer to the desired length of bath; it will automatically shut off at the end of preset time. If you wish to shut unit off sooner, simply turn timer counter-clockwise.
5. For units equipped with a **PNEUMATIC AIR SWITCH**.
 - a) The pushbutton for the pneumatic air switch is normally installed on the deck of the tub. Simply push to start and push again to stop.

If the pump does not start when the timer or air switch is turned on; the circuit breaker may have tripped to the OFF position. Reset circuit breaker, then turn unit on again. If breaker trips again, leave it in the OFF position. **DO NOT USE THE UNIT;** have the problem checked by a licensed electrician. See number 9 in the section titled "IMPORTANT SAFETY INSTRUCTIONS"
6. The motor has built in over load protector that guards against damage from mechanical or electrical problems such as low voltage, locked pump or similar abnormal conditions. Remember if the switch is still on, the motor will restart automatically as soon as it cools down.
7. Bubble bath or soap can be used after using the whirlpool. Do not use anything sudsy before or when running the system; it will create floods of suds in seconds.

USER MAINTENANCE INSTRUCTIONS

Periodically clean and disinfect inner walls of pipes with dishwasher soap or household bleach. Fill tub with warm water and add 1 cup of either of above products. Run system for 5 minutes. Let soak for a minimum of 20 minutes then, before draining, run system for an additional 5 or 10 minutes. Drain bath completely, refill with cold water, and turn on for a few minutes and drain.

WARNING: All other systems and maintenance should be performed only by qualified service personnel.

INSTALLATIONS INSTRUCTIONS

*****READ ALL INSTRUCTIONS BEFORE INSTALLING*****

The ULTRA HYDROMASSAGE SYSTEM has been factory installed and tested on the tub you are about to install. Do not change pump location. Any modifications could cause the system to malfunction and will void the warranty.

BEFORE INSTALLING:

Inspect tub and system thoroughly.

- a) Damage from shipping or delivery should be reported to carrier immediately. Do not install the tub.
- b) Factory defect or damage must be reported to factory before tub is installed. Damage claimed after tub is installed will be excluded from warranty.

CAUTION: DO NOT LIFT BATHTUB BY THE PLUMBING

FRAMING INSTRUCTIONS:

Framing should be provided to support the rim of the tub and finished wall surround. Use the floor, not the deck, to support the tub. NOTE: Some tubs require a bedding compound. See tub manufacture's installation sheet for details.

To insure proper fringe, use a 4-ft. level the top of the bathtub in both directions.

Seal edges as shown in typical installations below.

ACCESS PANEL, minimum size 16" x 14", must be installation and servicing of pump.

SET PUMP AND MOTOR IN POSITION ON PUMP STAND PROVIDED.

Hand tighten the tubs Union Nuts to the pump. Be sure that the Union "O" Rings are in place. Check the pump manual for further pump installation instructions.

TEST TUB AND SYSTEM WHILE PIPING IS ACCESSIBLE.

After the tub is installed, but before closing walls, fill the tub 3" above highest jets, turn on pump and check for leaks that could have resulted from shipping or handling.

ELECTRICAL INSTALLATIONS INSTRUCTIONS

WARNING—When using electronic products, basic precautions should always be followed, including the following:

1. **DANGER: RISK OF SHOCK**

2. All Ultra Jet Hydromassage systems require a separate 115VAC circuit. The unit must be connected only to a supply that is protected by a ground-fault circuit interrupter (GFCI). Such a GFCI should be provided by the installer and should be tested on a routine basis.

To test the GFCI:

Push the Test Button. The GFCI should interrupt power.

Push the Reset Button. Power should be restored.

If the GFCI fails to operate in this manner, there is a ground current flowing, indicating the possibility of an electrical shock. **DO NOT OPERATE THIS UNIT!** Disconnect the unit and have the problem corrected by a licensed electrician.

3. A green colored terminal (or a wire connector marked "G", "GR", "Ground", or "Grounding" is provided within the terminal compartment. To reduce the risk of electrical shock, connect this terminal compartment or connector to the grounding terminal of your electric service or supply panel with a continuous green insulated copper wire equivalent in size to the circuit conductors supplying this equipment, but no smaller than No. 8AWG (3.3mm).
4. A pressure wire connector is provided on the exterior of the terminal box within the unit to permit connection of a No. 8AWG (8.4mm) solid copper bonding conductor between this unit and all other electrical equipment and exposed metal in the vacinate, as needed to comply with local requirements.
5. ON/OFF Switching will be either a mechanical timer which should be located a minimum of 5 feet away from the tub (exact distance must comply with local and state ordinances) or a pneumatic air switch with the pushbutton normally located on the deck of the tub.

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