



This manual to be removed only by the end user!

Owners Manual

Hydromassage Tub

Important Safety Instructions

Instructions Pertaining to Injury to Persons

Risk of Fire, Drowning, Electric Shock and Hyperthermia

Save this Manual

Danger: To reduce risk of injury or drowning, do not permit children to use the tub without adult supervision.

Danger: Do not submerge your head under water or wash hair in a jetted tub while the pump is on. Use care when submerging head anytime.

Warning: Do not use alcohol, drugs or medications before tub use.

Warning: Do not use devices such as hairdryers, laptops or radios within 5 feet of tub.

Warning: There is a risk of hypothermia and possible drowning with a water temperature in excess of 104 degrees. These high temperatures can be injurious if you have certain medical conditions. Consult your physician before using hot baths.

Warning: If you suffer from headaches, dizziness or nausea, get out and take a cool shower ASAP, then call your physician.

Warning: Pregnant women should consult physician prior to use of this bath.

Warning: Test all Ground Fault Circuit Interrupter (GFCI) switches and breakers.

There is no user serviceable components or parts in your Hydromassage tub. Call a licensed repair professional for service.



Owners Manual

ICS Quality Baths is major supplier of many types of bathtubs. Care instructions vary from type to type. All of our tubs are easy to clean.

For general cleaning, all types of tubs can be cleaned with liquid kitchen and bath cleaners that are non-abrasive. Use a cotton terry cloth, clean sponge or solid white paper towels to apply the cleaner. Do not use chemicals or abrasives on your tub until you check the following specific instruction for each tub type. Use spray wax to bring back the shine and protect the tub.





Cleaning Instructions

- 1) For general cleaning, use most commercial kitchen and bath cleaners on a weekly basis.
- 2) For glue and hard to remove sticky materials with paint overspray, use car polishes, auto waxes or silicone spray wax designed for exterior car use. Use alcohol only if you are sure your tub has no painted surfaces. **Do not use Acetone, Mineral Spirits or paint remover!**
- 3) Fine surface scratches can be buffed out with auto polishing compound. Acrylic is thicker at the top of the tub and thinner at the bottom.
- 4) Scratches you can feel with your fingernail can be sanded out with 600 grit sandpaper, followed by 2000 or finer sand paper and polished with an auto polishing compound to restore the shine. This is for tub interiors only, unless you are sure your tub has no exterior paint.
- 5) Gouges, cracks and spots where you can see fiberglass underlayment need to be repaired by a tub repair professional or the tub replaced.



Seamless Acrylic Freestanding Tubs and Acrylic Tubs with Special Custom Exterior

ICS does not paint the interior of any tub. The exterior custom colors are car paint. Clean carefully with liquid bath cleaners and never use alcohol or any chemicals. Auto polish and wax are best for stubborn stains or sticky substances in the tub.

Seamless acrylics are chemically welded, filed, sanded and painted on the exterior near the top of the tub. Care should be taken in this area of the exterior, like a custom color.

Seamless tubs with scratches, gouges or deep scrapes near the top cannot be sanded out and will require a painting professional to restore and original appearance of the exterior of your tub.

Enameled Cast Iron

The interior of your cast iron tub was made by dropping dry porcelain on a fiery hot tub and the finish melted. Thus, inconsistent thickness and slight runs are common.

The exterior of your tub was painted with quality car paints. Some finishes have clear coats over basic paint. Some finishes have multiple layers of paint.

Clean the inside of your tub using the same instructions listed above for acrylic tubs. You may use alcohol on the interior of the tub, but not the tub edges or the exterior.

Any major damage to the exterior of the tub will require a painting professional to repair.



Operation Instructions for Jetted Tubs

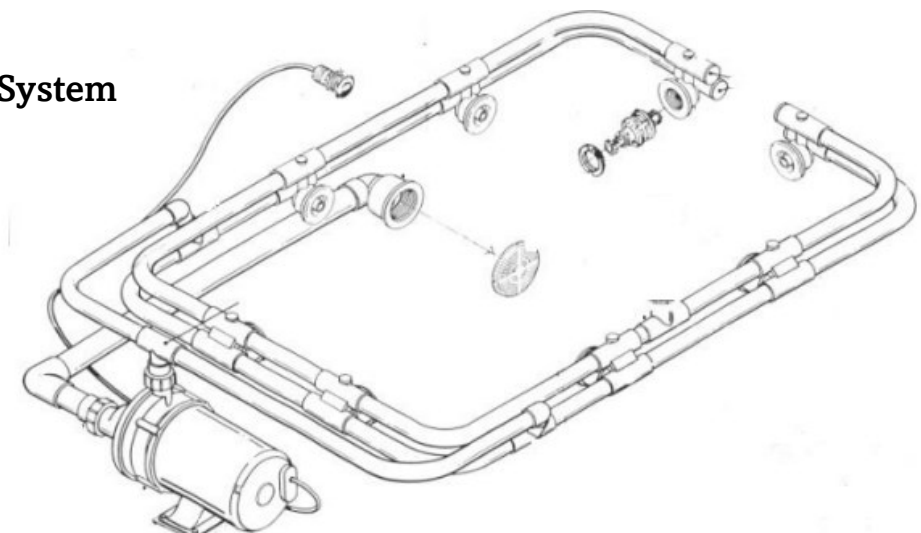
Jetted tubs operate from on-off buttons which turn pumps on with a quick push of a button. A rubber balloon in the body of the on-off button is compressed and a puff of air exits at the pump, activating a pressure switch.

Some jetted tubs have a variable speed control with a maximum and minimum setting which allows air to bleed into pump impeller, reducing all jet pressures.

ICS uses adjustable jets where possible. Adjust the flow by turning the jet face. Some jets will turn in a circle 360 degrees, while other will hit a stop position to left or right. Turn by hand only!

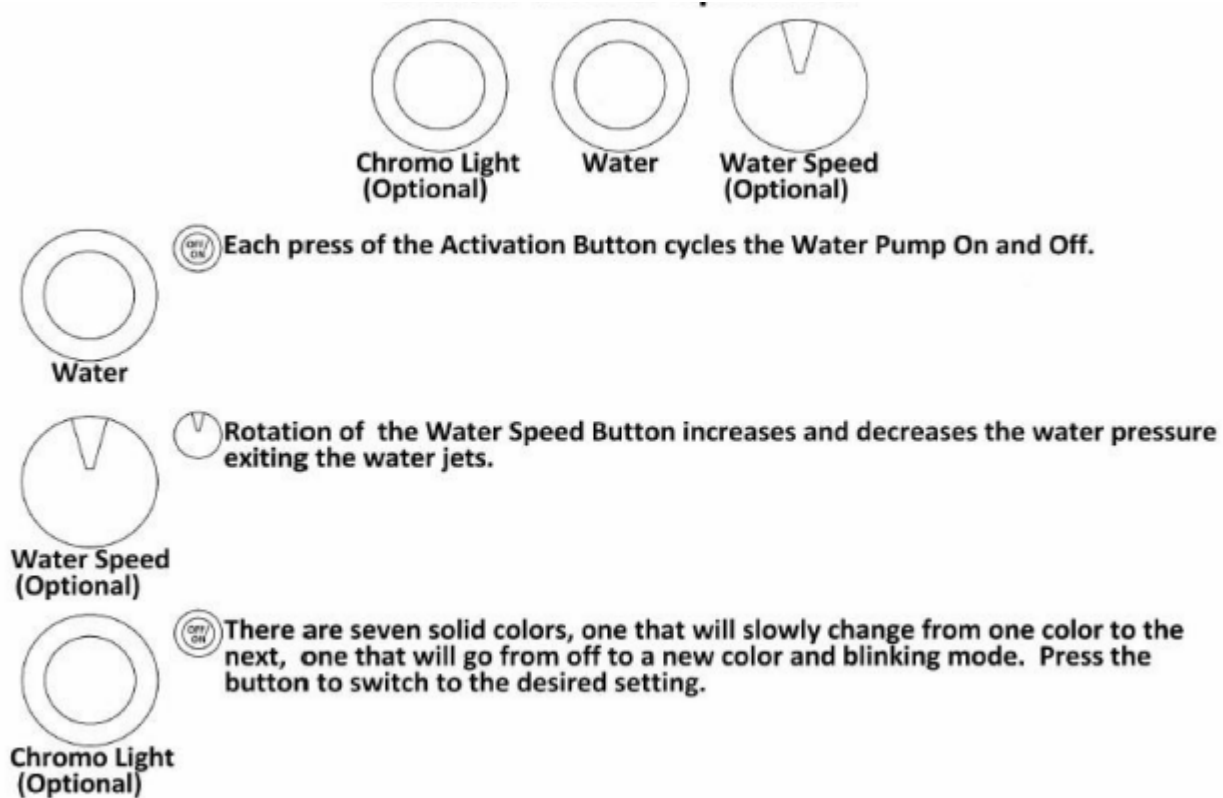


Typical Jetted Tub System





Water Jetted Control Button Operation



Note: If Ozone Sanitizing is selected as an option, there is no manual activation.

Warning! Never remove the suction cover.

Water enters the jetted tub system from the suction fitting, then is circulated by the pump. Soap, body oil, dirt and scum accumulate in pipes during use and is normal. Use of bubble baths and bath salts can void pump warranty, as build up will occur in lines and fittings. ICS recommends limited use of bubble baths and scented product, and no use of salts.

Optional heaters function automatically and are not adjustable. Water pressure activates the heater. There is no on/off switch.

Sanitation of a jetted tub can be done by cleaning the lines and disinfecting the hoses, jets and pumps. Pour 1/2 cup of bleach into a half full tub of water, cover the jets with water and run the pump for 10 minutes. Repeat this every 3 months.



Air Jetted Control Button Operation



Each press of the Activation Button cycles the Air Blower between different cycles:
1st Press: High speed, 2nd Press: Medium speed, 3rd Press: Low speed,
4th Press: Wave Mode, 5th Press: Off.
In Wave Mode, the blower starts at high speed, reduces to low speed, then rises to high speed, then the cycle resumes.

Note: Turning on the Air Blower starts a Session Timer that lasts 30 minutes. Once the run-time has expired, the air blower turns off. 15 minutes after the blower has either been turned off manually or the session timer has timed out, the blower will automatically restart for 2 minutes to purge out the airlines. Every time the blower is turned off the purge cycle timer will start up again.



Chromo Light
(Optional)



There are seven solid colors, one that will slowly change from one color to the next, one that will go from off to a new color and blinking mode. Press the button to switch to the desired setting.

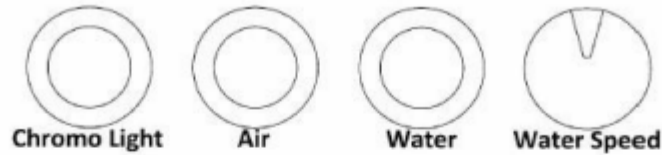
Note: If Ozone Santizing is selected as an option, there is no manual activation.





Combo Air and Water Jetted Control Button Operation

Combo Air & Water Jets Control Button Operation



Each press of the Activation Button cycles the Water Pump On and Off. Heater Automatically turns On, when Pump is On.



There are seven solid colors, one that will slowly change from one color to the next, one that will go from off to a new color and blinking mode. Press the button to switch to the desired setting.



Each press of the Activation Button cycles the Air Blower between different cycles:
1st Press: High speed, 2nd Press: Medium speed, 3rd Press: Low speed,
4th Press: Wave Mode, 5th Press: Off.
In Wave Mode, the blower starts at high speed, reduces to low speed, then rises to high speed, then the cycle resumes.

Note: Turning on the Air Blower starts a Session Timer that lasts 30 minutes. Once the run-time has expired, the air blower turns off. 15 minutes after the blower has either been turned off manually or the session timer has timed out, the blower will automatically restart for 2 minutes to purge out the airlines. Every time the blower is turned off the purge cycle timer will start up again.



Rotation of the Water Speed Button increases and decreases the water pressure exiting the water jets.



Pedestal Mounted Blower



sidewall mounted jets



Trouble Shooting Guide For All Tubs

Tub Installation: Tub creaks or pops when standing in an empty tub.

Drop-in tubs are set in concrete and concrete shrinks when cured. If noise goes away when the tub is full of water, no other actions are needed. Placing paper or plastic between the concrete and the tub will prevent the noise, but once the tub is set, ICS recommends leaving the tub as is.

Freestanding tubs have adjustable legs designed to support the weight of the tub, water and bather. If legs were not adjusted properly, fiberglass is bending to compensate for the tub weight. Remove the tub, flip the tub upside down and adjust the legs with a level slightly below the tub base or skirt. Drain height is important as the tub will rock bath and forth on a high drain tub.

Whirlpool Jetted Tub: Motor or air blower does not operate.

Reset the GFCI of the Ground Fault Circuit Interrupter was tripped by a power surge or lightning. Check to make sure the equipment is plugged-in properly and check for power at the receptacle plug-in. Have a professional plumber, electrician or tub service technician check the connection of the air hose from the on-off button actuator to the equipment. A loose hose will not carry air sufficient to trip the air switch.

One or More Jets Do Not Operate Properly.

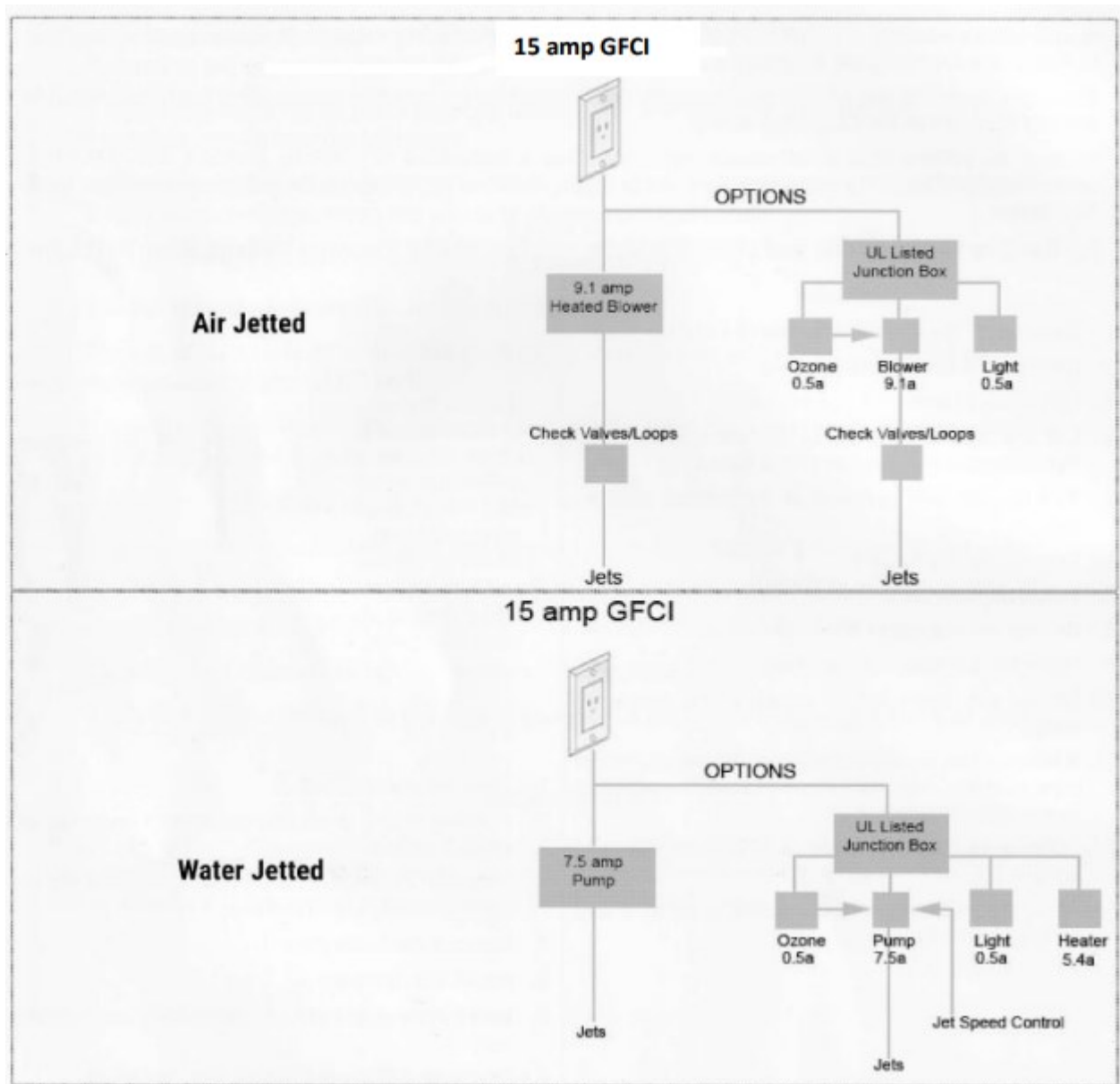
Turn the face of the adjustable water jets to activate flow. If equipped with a variable pump speed control, turn water jets to the maximum flow before adjusting the adjustable jets. Air jets are not adjustable and will vary slightly based on the location of the jet and the location of the bather covering some of the air jets.

Water Pump Surges and Pulsates or Stops Pumping.

Modern suction uses safety air releases to stop pressure from suction fitting. If bather blocks suction with legs or objects, the pump stops pumping to prevent drowning if hair, etc., is caught in the suction fitting by pump pressure.



Electrical Diagrams-110v



Please note the 1500 watt water heater requires a separate additional 110v 15 amp GFCI ground fault protected circuit and cannot be placed on the same cord as the pump. Ask local inspectors about local codes before ordering the 500 watt water heater on the same cord as the pump. Some will not allow heater/pump combinations.



Hydromassage Bathtub Label

This label appears on the bottom of the tub and must not be removed.

Manufacturer ICS Quality Baths

P. O. Box 219 Riverview, FL 33568

Hydromassage Bathtub

Model No: _____

Date of Manufacture _____

Rating: 120 VAC 60 Hz		15 Amps per device
Blower for Air Massage		110 V 15 amps
Pump for water massage		110V 15 amps
Pump & Heater combo		110V 15 amps
Separate 1500 watt Heater		110V 15 amps
Hydromassage Combc	2 x	110V 15 amps
Combo + separate Heater	3 x	110V 15 amps

Danger of Electrical Shock

NO User serviceable components or parts

Connect only to a Class A Ground Fault Circuit GFCI

**Two or More disconnect switches may be required to
Deenergize the unit before service**



Listed E334135

