



Relax Pro Bathtub

Operating Manual

(for models released after 08/2018)

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Important! Save these instructions!

WARNING



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



DANGER: Risk of electric shock. Connect only to a circuit protected by a Ground-Fault Circuit-Interrupter (GFCI).



WARNING: Risk of electric shock. A licensed electrician should make all electrical connections.



WARNING: Risk of electric shock. Disconnect power before servicing.



WARNING: Risk of injury or property damage. Please read all instructions thoroughly before beginning installation, including the following requirements.

NOTICE: Follow all local plumbing and electrical codes. Install to permit access for servicing.

A green with yellow stripe lead wire is provided within the wiring compartment. To reduce the risk of electrical shock, connect this wire to the grounding terminal of your electric service or supply panel with copper wire equivalent in size to the circuit conductor supplying this equipment. A pressure wire connector is provided on the exterior of the pump or control within this unit to permit connection of a bonding conductor between this unit and all other exposed metal in the vicinity, as needed to comply with local requirements.

Grounding is mandatory. The unit must be installed by a qualified service representative, and grounded. Building materials and wiring should be routed away from the pump body and other heat-producing components of the unit.

Important Product Information

Product Notices

WARNING: Unauthorized modification may cause unsafe operation and poor performance of the bath. Do not relocate the pump, or make other modifications to the circulating system, as this could adversely affect the performance and safe operation of your bath. Aquatica Plumbing Group Inc. shall not be liable under its warranty or otherwise for personal injury or damage caused by any such unauthorized modification.

Product Inspection

Carefully unpack the product and inspect the unit for damage. Return the unit to the carton during construction to prevent damage.

Factory-Assembled Features

Factory installed components include components like pump, blower, level sensors, in-line heater, submerged chromatherapy lights, keypad and diverter. The pump and piping are factory-assembled.

Connections and Service Access

NOTICE: For built-in and corner bathtubs provide unrestricted service access to the pump, heater and control box. Provide unrestricted service access to the pump, blower, in-line heater, adjustable feet, and control box. For built-in bathtubs you must construct an access panel to provide sufficient clearance for servicing the pump, in-line heater, and control box. The access panel must be located immediately next to the pump and in-line heater. Study the roughing-in information.

Electrical Requirements

The installation must have one (1) Class A Ground-Fault Circuit-Interrupters (GFCI's) or Earth-Leakage Circuit-Breakers (ELCB's). The GFCI/ELCB protects against line-to-ground shock hazard. **Use a 208-240V, 20A, 50/60 Hz OR Use a 110V, 20A, 50/60 Hz dedicated service to wire the control system.** An equipment grounding terminal is provided. To reduce the risk of electrical shock, this terminal must be connected to the grounding means provided in the electrical supply panel with a conductor equivalent in size to the circuit conductors supplying this equipment. Install this unit in accordance with the Canadian Electric code, Part I.

Your physiological response to hot water is subjective and depends on your age, health, and medical history. If you don't know your tolerance to hot water, or if you get a headache, or become dizzy or nauseous when using your hot tub, get out and cool off immediately.

WARNING

1. Children should not use spas or hot tubs without adult supervision.
2. Do not use spas or hot tubs unless all suction guards are installed to prevent body and hair entrapment.
3. People using medications and/or having any adverse medical history should consult a physician before using a spa or hot tub.
4. People with infectious diseases should not use a spa or hot tub.

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5. To avoid injury, exercise care when entering or exiting the spa or hot tub.
6. Do not use drugs or alcohol before or during the use of a spa or hot tub, to avoid unconsciousness and possible drowning.
7. Pregnant or possible pregnant women should consult a physician before using a spa or hot tub.
8. Water temperature in excess of 38°C (100°F) may be injurious to your health.
9. Before entering the spa or hot tub, measure the water temperature with an accurate thermometer.
10. Do not use a spa or a hot tub immediately following strenuous exercise.
11. Prolonged immersion in a spa or hot tub may be injurious to your health.
12. Children should not enter a hot tub where the water temperature exceeds body temperature (37°C / 98.6°F).
13. Do not allow children to submerge their head under water.
14. Never operate the hot tub pump at high speed without having all suction and return lines open.
15. Always keep the hardcover installed and locked when the hot tub is not in use.
16. Test the GFCI (ground fault circuit interrupter) monthly.
17. Post emergency phone numbers for police, fire, and ambulance at the nearest phone.
18. To reduce the risk of injury

The water in a spa should never exceed 40°C (104°F). Water temperatures between 38°C (100°F) and 40°C (104°F) are considered safe for a healthy adult. Lower water temperatures are recommended for young children and when spa use exceeds 10 minutes.

Since excessive water temperatures have a high potential for causing fetal damage during the early months of pregnancy, pregnant or possibly pregnant women should limit spa water temperatures to 38°C (100°F). Before entering a spa, the user shall measure the water temperature since the tolerance for water temperature-regulating devices varies. The use of alcohol, drugs, or medication before or during spa use may lead to unconsciousness, with the possibility of drowning.

Your physiological response to hot water is subjective and depends on your age, health, and medical history. If you don't know your tolerance to hot water, or if you get a headache, or become dizzy or nauseous when using your hot tub, get out and cool off immediately.

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CAUTION



DANGER

Risk of accidental drowning. Extreme caution must be exercised to prevent unauthorized access by children. To avoid accidents, ensure that children can't use the spa unless they are supervised at all times.

Risk of injury. The suction tings in this spa are sized to match the speciator ow created by the pump. Should the need arise to replace the suction tings or the pump, be sure that the rates are compatible. Never operate the spa if the suction tings are broken or missing. Never replace a suction ting with one rated less than the ed on the original suction ting.

Risk of electric shock. Install at least 1.5m (5ft) from all metal surfaces. as an alternative, a spa or tub may be installed within 1.5m (5ft) of metal surfaces if each metal surface is permanently connected by a minimum 8 AWG (8.4 mm²) solid copper conductor to the wire connector on the terminal bus bar that is provided for this purpose.

HYPERTHERMIA

Since your hot tub can be set to reach temperatures of 40°C (104° F), users should be aware that extended submersion in water that exceeds normal body temperature can lead to hyperthermia.

The causes, symptoms and effects of hyperthermia may be described as follows:

Hyperthermia occurs when the internal temperature of the body reaches several degrees above the normal body temperature of 37°C (98.6°F). The symptoms of hyperthermia include drowsiness, lethargy, and an increase in the internal temperature of the body.

The effects of hyperthermia include:

- Unawareness of impending hazard
- Failure to perceive heat
- Failure to recognize the need to exit the hot tub
- Physical inability to exit the hot tub
- Fetal damage in pregnant woman
- Unconsciousness resulting in the danger of drowning

If you sense any of the symptoms of hyperthermia, safely exit the hot tub immediately.



WARNING

The use of alcohol, drugs or medication can signiyperthermia.

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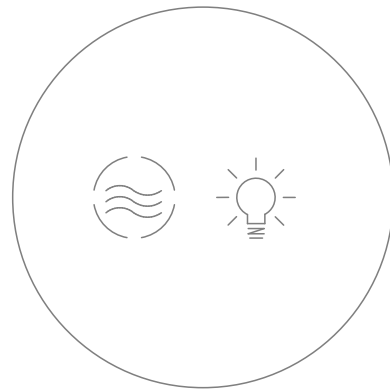
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The Relax Pro series bathtubs are easy to operate and fun to use.

The control system consists of
3 keypads as follows:



Air Massage On/Off and Lights On/Off



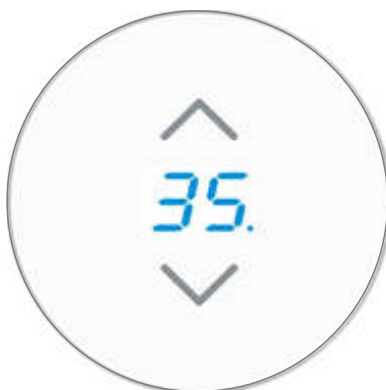
Heating System On/Off and Temperature +/-

The Wave symbol is your air massage systems On/Off button. To start the system or turn it off, please press this button. If you do not turn it off, the system will shut down automatically after every 20 minutes of use. Each additional touch of the wave button will increase the blower power by 25%. The startup power is 50%. By pressing the blower key when it is at 100% power the system will switch to 25% power.

The Light bulb is your light On/Off button and light mode. Every touch of the Light button, will change the light mode similar to what is depicted on the image below. After the last available light mode the light will be turned off. *Please touch the sensor rapidly (not more than with 2 second intervals) to switch between the light modes.*



Light shows - please refer to Appendix A below for all the available light modes



Temperature Adjustment Function

The single function on/off button activates or deactivates the heating system. The 2-digit temperature display displays the current water temperature. Please use the 2 arrows to adjust your water temperature to the desired level. The maximum allowed temperature is +40C (104F).

The display will show the existing water temperature by default. Pressing the "+" or "-" will reveal the set desired water temperature. Press the "+" or "-" again to amend the desired temperature.

Important: All functions are protected by low level sensor and will remain inactive unless your bathtub is filled to the minimum water level determined by the sensor.

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CURRENT SYSTEM LIMITATIONS

Temperature Adjustment Function in 110V Systems

The Tranquility heating system in the 110V systems is intended to maintain the temperature. The temperature adjustment functionality is slow in 110V systems due to limited heater output.

The heater output is regulated by UL standards and cannot exceed 1.5kW, which is insufficient to quickly heat up the water.

Temperature Display in Fahrenheit

Please note that since the display is a 2-digit display after exceeding 99F the temperature will be displayed according to the following format:

100F	A0
101F	A1
102F	A2
103F	A3
104F	A4

Appendix A: Available Light Modes
(please always refer to Zone 1)

Mode	Description
1	Zone 1 and Zone 4 are RedZone 2 and Zone 3 change from Red -> Green -> Blue
2	Zone 1 and Zone 4 are Red-BlueZone 2 and Zone 3 change from Red -> Green -> Blue
3	Zone 1 and Zone 4 are BlueZone 2 and Zone 3 change from Red -> Green -> Blue
4	Zone 1 and Zone 4 are GreenZone 2 and Zone 3 change from Red -> Green -> Blue
5	Zone 1 and Zone 4 are Red-Green-BlueZone 2 and Zone 3 change from Red -> Green -> Blue
6	Zone 1 and Zone 4 are in color wheel mode (gradual color change)Zone 2 and Zone 3 change from Red -> Green -> Blue
7	Zone 1 and Zone 4 change from Blue -> Red/Blue -> Red -> Red/Green -> Green -> Green/Blue Zone 2 and Zone 3 change from Red -> Green -> Blue (slow)

