

# AeroSpa™

Affordable Relaxation at its Best!

Self-Inflates in Minutes with a Push of a Button  
Indoor and Outdoor Use



## Owner's Manual

Model PH050006

Manufactured By:  
Shanghai Qinxu Plastics Products Co., Ltd.  
No. 5151, Dongchuan Road  
Heqing Town, Pudong New Area  
Shanghai, CN 201201

# IMPORTANT SAFETY INSTRUCTIONS

The following instructions are required to be printed by Underwriters Laboratory (U.L.) as well as ETL Testing Laboratories Inc. as a condition of their listing of this product. They contain important safety information and we strongly encourage you to read and apply them.

## SAFETY INSTRUCTIONS

When installing and using this electrical equipment, basic safety precaution should always be followed, including the following:

### READ AND FOLLOW ALL INSTRUCTIONS

**WARNING:** RISK OF ELECTRIC SHOCK. Insert the plug only to a properly grounded socket.

**WARNING:** This product is provided with a ground-fault circuit-interrupter (**integrated in the power plug**). The GFCI must be tested before each use. With the product operating open the service door. When the products stops operating, this merely indicates that the door is equipped with an electrical interlock. Next push the test button on the GFCI and close the service door. The product should not operate. Now open the service door, push the reset button on the GFCI and close the service door. The product should now operate normally. When the product fails to operate in this manner, there is a ground current flowing indicating the possibility of an electric shock. Disconnect the power until the fault has been identified and corrected.

**WARNING:** To reduce the risk of electric shock, do not use extension cord to connect unit to electric supply; provide a properly located receptacle.

**WARNING:** No part of the appliance is to be located above the spa pool during use.

**WARNING:** The electrical plug of the spa should be connected at least 11.5 feet (3.5m) away from the spa pool.

**DANGER:** Risk of injury. The suction fittings in this spa are sized to match the specific water flow created by the pump. Should the need arise to replace the suction fittings or the pump, be sure that the flow rates are compatible.

**WARNING:** Never operate spa if the suction fittings are broken or missing. Never replace a suction fitting with one rated less than the flow rate marked on the original suction fitting.

**WARNING:** The outlet of Spa must not be connected to any tap or fitting other than those specified.

**WARNING:** Electric installations should fulfill the requirements of local standards.

**WARNING:** TO AVOID THE ELECTRIC SHOCK, DO NOT USE THE SPA WHEN IT IS RAINING.

**WARNING:** To reduce the risk of injury, do not permit children to use this product unless they are closely supervised at all times.

**WARNING:** Water attracts children. Always have the Spa locked with its cover after each use.

**WARNING:** Do not overexert, press down or uplift the control panel device. Do not put anything heavy on control panel device after installation.

**WARNING:** Pets should be kept away from spa to avoid damage.

**WARNING:** The cover of Spa must be open, when the bubble function is in the on mode & functioning.

**WARNING:** Do not switch on the spa if there is any possibility that the water in the spa is frozen.

**WARNING:** Use only approved accessories. Use of non-approved accessories could void the warranty.

**DANGER:** Risk of Accidental Drowning. Extreme caution must be exercised to prevent unauthorized access by children. To avoid accidents, ensure that children cannot use this spa unless they are supervised at all times.

**DANGER:** RISK OF ELECTRIC SHOCK. Install at least 5 feet (1.5m) away from all metal surfaces.

**DANGER:** RISK OF ELECTRIC SHOCK. Never operate any electrical appliance when you are in the spa or when your body is wet. Never place any electric appliance, such as a light, telephone, radio or television, within 5 feet (1.5 m) of a spa.

**WARNING:** During pregnancy, soaking in hot water may cause damage to the fetus. Limit use to 10 minutes at a time.

**DANGER: TO REDUCE THE RISK OF INJURY:**

- A. Replace damage cord immediately.
- B. Do not bury cord.
- C. Connect to a grounded, grounding type receptacle only.
- D. The use of alcohol, drugs or medication before or during spa use may lead to unconsciousness with the possibility of drowning.
- E. Obese persons and persons with a history of heart disease, low or high blood pressure, circulatory system problems, or diabetes should consult a physician before use of a spa.
- F. Persons using medication should consult a physician before using a spa since some medication may induce drowsiness while other medication may affect heart rate, blood pressure and circulation.

**WARNING: TO REDUCE THE RISK OF INJURY:**

- A. The water in a spa should never exceed 40°C (104°F). Water temperature 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.
- B. Since excessive water temperatures have a high potential for causing fetal damage during early months of pregnancy, pregnant or possibly pregnant women should limit spa water temperatures 38°C (100°F).
- C. Before entering a spa, the user should measure the water temperature with an accurate thermometer since the tolerance of water temperature regulating devices varies.

**WARNING: TO REDUCE THE RISK OF INJURY:** Never pour water which is higher than 40°C (104°F) into the spa pool directly.

**WARNING: HYPERTHERMIA WARNING!**

The use of alcohol, drugs or medication can greatly increase the risk of fatal hyperthermia. Hyperthermia occurs when the internal temperature of the body reaches a level several degrees above the normal body temperature of 37°C (98.6°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 failure to perceive heat; failure to recognize the need to exit the spa; unawareness of impending hazard; fetal damage in pregnant women; physical inability to exit the spa and unconsciousness resulting in the danger of drowning.

**WARNING:** People with infectious diseases should not use a spa.

**WARNING:** Do not use a spa immediately following strenuous exercise.

**WARNING:** Prolonged immersion in a spa may be injurious to your health.

**CAUTION:** Maintain water chemistry in accordance with manufacturer's instruction.

**CAUTION:** Do not use the spa alone.

**CAUTION:** Always enter and exit the spa slowly and cautiously. Wet surfaces are slippery.

**CAUTION:** To avoid damage to the pump, the spa must never be operated unless the spa is filled with water.

**CAUTION:** Immediately leave spa if uncomfortable or sleepy.

**CAUTION:** Never add water to chemicals. Always add chemicals to water to avoid strong fumes or violent reactions that may result in hazardous chemical spray.

**CAUTION:** Place only on surface that can withstand the floor loading requirements of your spa.

## SAVE THESE INSTRUCTIONS.

 <b>WARNING</b> <sup>a</sup>
<b>REDUCE THE RISK OF ELECTROCUTION</b> <sup>b</sup> 1. Never place an electric appliance within 5 feet of spa. <sup>c</sup>
<b>REDUCE THE RISK OF CHILD DROWNING</b> <sup>b</sup> 1. Supervise children at all times. <sup>c</sup> 2. Attach spa cover after each use. <sup>c</sup>
<b>REDUCE THE RISK OF OVERHEATING</b> <sup>b</sup> 1. Check with a doctor before use if pregnant, diabetic, in poor health, or under medical care. <sup>c</sup> 2. Exit immediately if uncomfortable, dizzy, or sleepy. Spa heat can cause hyperthermia and unconsciousness. <sup>c</sup> 3. Spa heat in conjunction with alcohol, drugs, or medication can cause unconsciousness. <sup>c</sup>
<b>WHEN PREGNANT</b> <sup>b</sup> , soaking in hot water for long periods can harm your fetus. Measure water temperature before entering. <sup>c</sup> 1. Do not enter spa if water is hotter than 100° F (38° C). <sup>c</sup> 2. Do not stay in spa for longer than 10 minutes. <sup>c</sup>

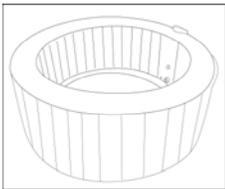
## SPECIFICATIONS

<b>Model:</b>	PH050006
<b>Seating capacity:</b>	Up to 4 Adults
<b>Water capacity:</b>	800L / 211gallons
<b>Outer diameter:</b>	1.85m / 73"
<b>Inner diameter:</b>	1.40m / 55"
<b>Height:</b>	0.75m / 30"
<b>Number of air jets:</b>	130 X $\phi$ 3mm
<b>Power rated:</b>	110-120V, 60Hz
<b>Heater:</b>	900W / 1.22HP
<b>Bubble:</b>	600W / 0.81HP
<b>Power cable length:</b>	3.5M / 11.7 feet
<b>Filter:</b>	AC110-120V, 60Hz      40W, 1880L / 500gallon / H
<b>Top lid:</b>	Polyester laminated PVC with foil
<b>Cord-mounted:</b>	GFCI

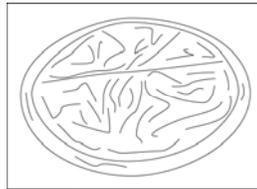
## INSTALLATION INSTRUCTION

**PACKAGE CONTENTS:** Verify that all parts are present.

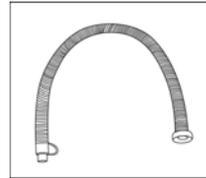
Spa Pool



Spa Cover



Inflation  
Hose



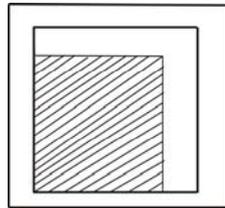
Filter  
Cartridge(2)



Filter Cartridge  
Cover



Repair Kit



Cover  
Lock



### SITE REQUIREMENTS:

**WARNING:** The floor has to be capable of supporting the total expected load (filled spa plus bathers). The Spa's total weight filled is 1800 lbs.

**WARNING:** An adequate drainage system has to be provided to deal with overflow water.

**IMPORTANT:** Because of the combined weight of the spa, water and users; it is extremely important that the base where the spa is installed is smooth, flat, level and capable of uniformly supporting this weight for the entire time the spa is installed. If the spa is placed on a surface, which does not meet these requirements, any damage caused by improper support will void the warranty. It is the responsibility of the spa owner to assure the integrity of the site at all times.

### INDOOR INSTALLATION:

Be aware of special requirements if you install the spa indoors.

1. The floor must be able to withstand the capacity of the spa. The floor should be a non-slip, level surface.
2. Proper drainage is essential for indoor spa installation. When building a new room for the spa it is recommended that a floor drain is installed.
3. Humidity is a natural side effect with spa installation. Determine the effects of airborne

moisture on exposed wood, paper, etc. in the proposed location. To minimize these effects it is best to provide plenty of ventilation to the selected area. An architect can help determine if more ventilation is needed.

**NOTE:** Do not install the spa on carpet or other material that can be damaged by moisture.

## **OUTDOOR INSTALLATION:**

No matter where you install the spa, it is important you have a solid support foundation which supports the filled spa.

1. If you are installing the spa outdoors, ensure there are no sharp objects that could damage it and that the location is level so the spa sits stably and properly.
2. During filling, emptying or when in use, water may spill out of the spa. Therefore the spa should be installed near a ground drain.

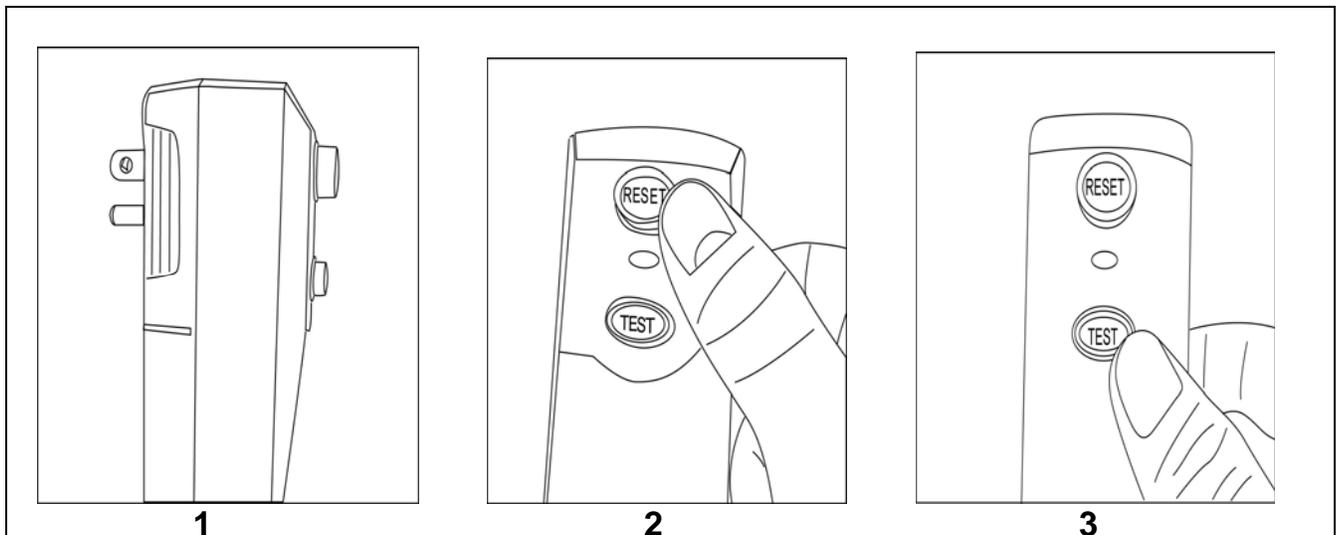
## **GFCI TEST:**

**WARNING:** Insert the GFCI plug into a properly grounded power receptacle only.

**WARNING:** Before inserting the plug into a power receptacle, make sure the current rate of the power receptacle and the fixed wiring are suitable for the spa. Contact a qualified electrician if you can not verify.

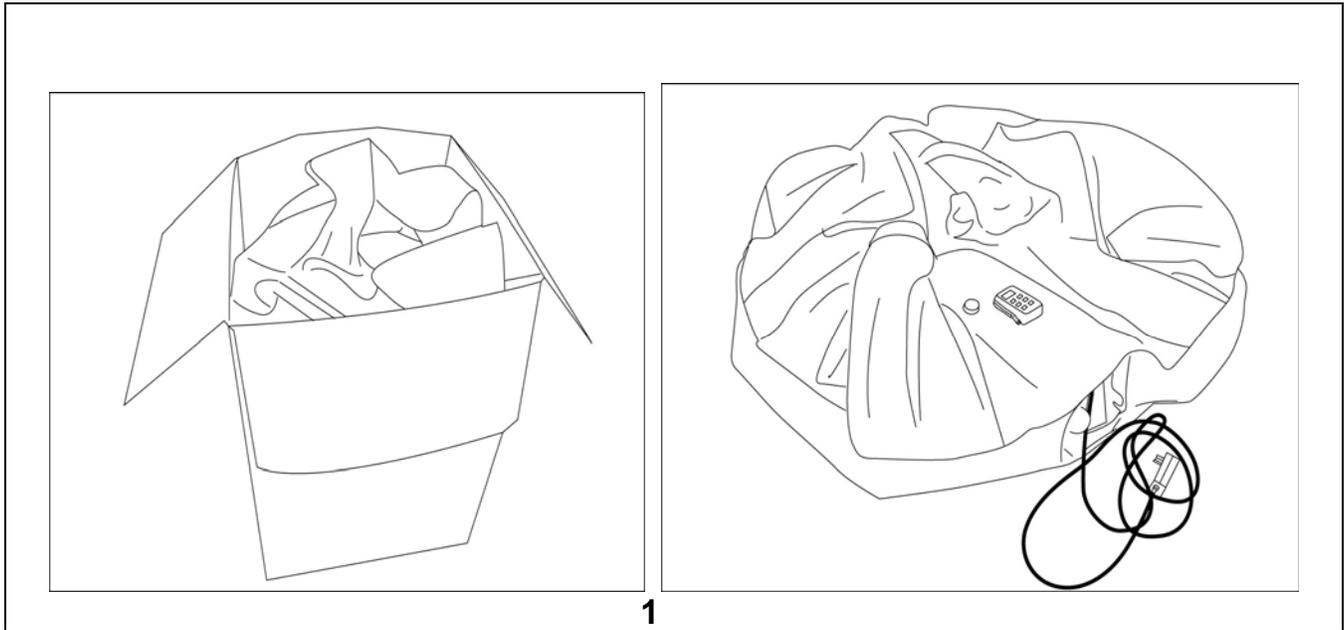
1. Plug GFCI into power outlet, the indicator light should turn on.
2. Press TEST button, the indicator light should turn off.
3. Press RESET button again for use.

**WARNING: Do not use the spa if the above test fails.**



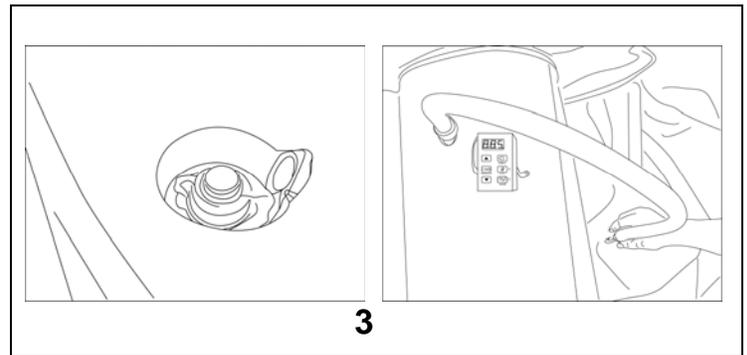
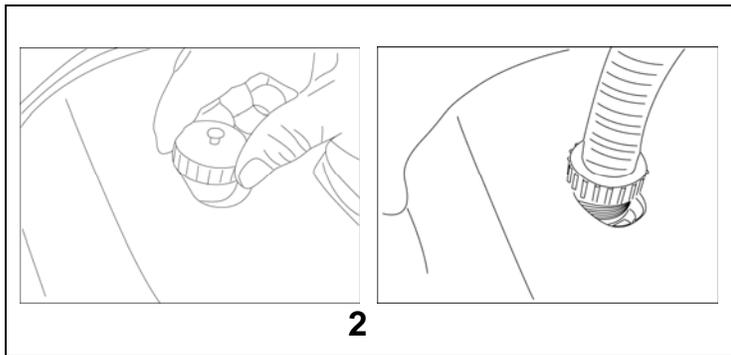
## ASSEMBLY:

1. Remove the spa from the packaging. Verify that all parts are present. Unfold and spread out the spa pool and cover. Make sure both are right side up.

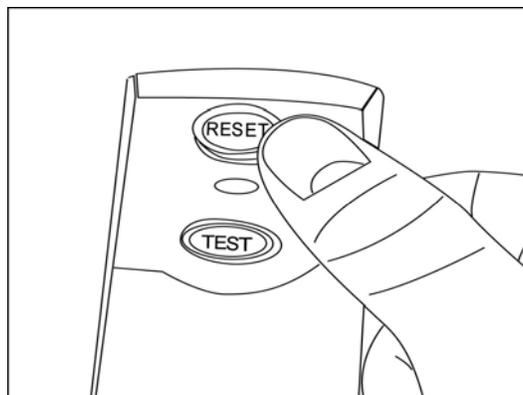


2. Open the air outlet on the spa located next to the Control Panel. Screw one end of the inflation hose onto it.

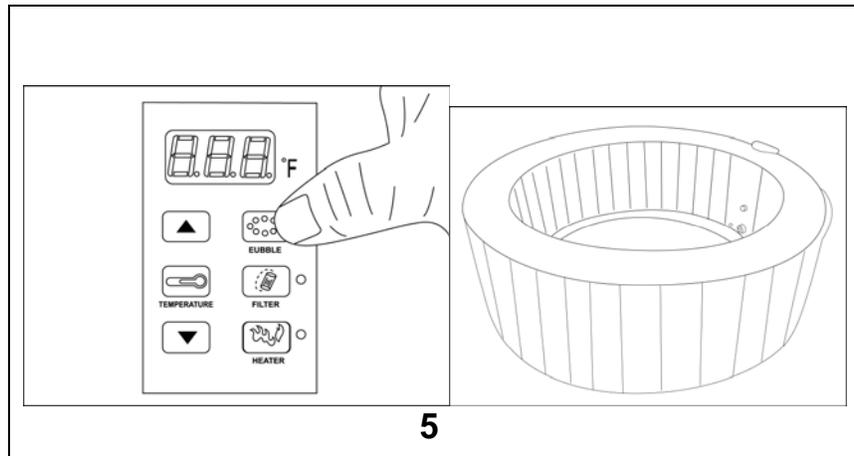
3. Open the air valve on the spa wall. Connect the other end of the inflation hose into the valve.



4. As previously outlined under the GFCI Test section, test the spa's GFCI plug.



5. Inflate the spa pool by pressing the “BUBBLE” button on the control panel. When the spa is properly inflated, press the “BUBBLE” button to shut off the bubble function.



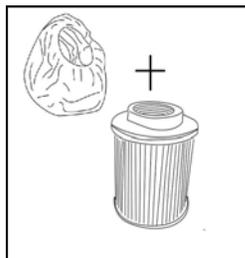
**ATTENTION:** Do not over inflate the spa pool.

**NOTE:** If you need to add additional air to the spa pool after it has been filled with water, you must first turn on the bubble function for 2-3 minutes by pressing the “BUBBLE” button. Then follow instructions in steps 2-5 above accordingly.

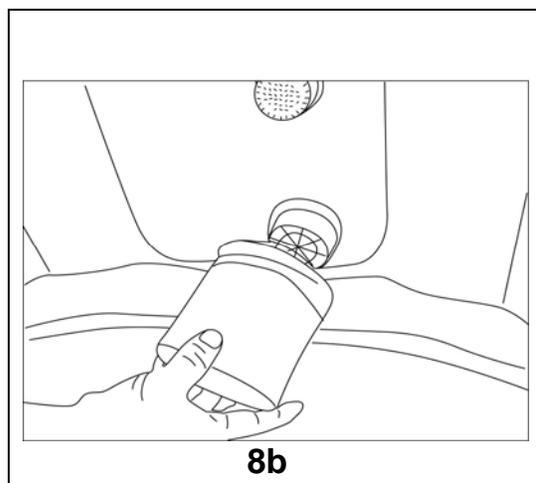
6. Remove the inflation hose from the air valve on the spa wall and replace the valve cap tightly.

7. Remove the inflation hose from the air outlet and replace the outlet cap tightly.

**8a.** Place the filter cartridge cover on the filter cartridge. **8b.** Screw the filter cartridge onto the water inlet on the spa wall by turning it clockwise.



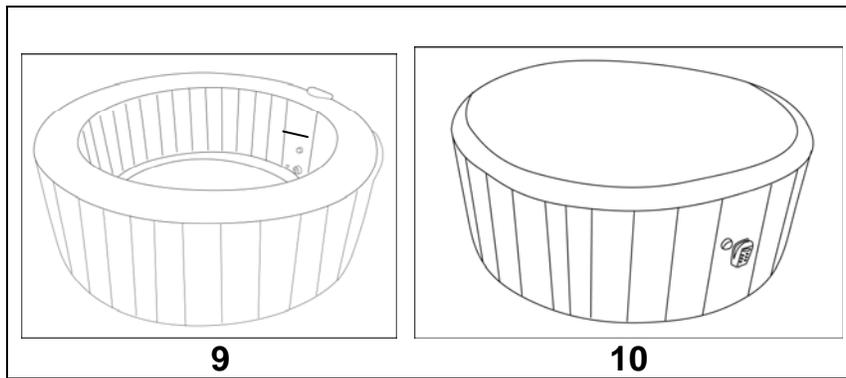
8a



8b

9. Using a garden hose, fill the spa with water to the water level fill line printed on the spa wall.

10. Place the cover onto the spa and fasten the zipper. **WARNING: This cover is not a safety cover and is not a replacement for adult supervision.**



**11.** Install cover lock. The combination lock is factory preset to open at 0-0-0. If you want to change the combination, push and hold the button down, then advance each number to the desired combination. Once a new combination is chosen, insert the lock wire and release button.

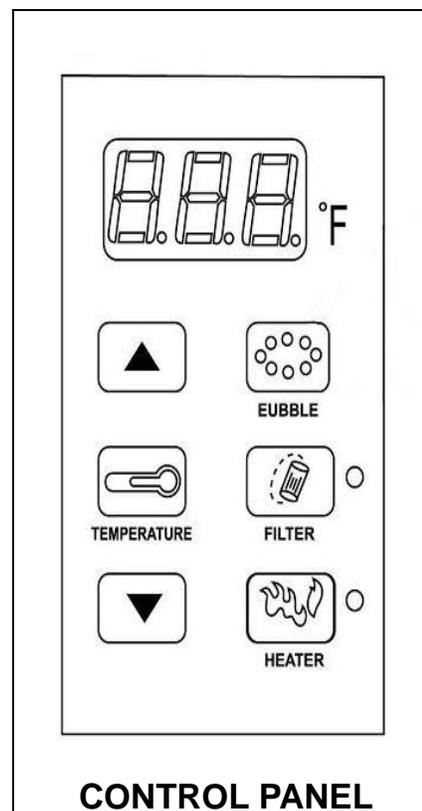
**DANGER: Risk of Accidental Drowning. Always leave the cover locked and in place when the spa is not in use. Extreme caution must be exercised to prevent unauthorized access by children. To avoid accidents, ensure that children cannot use this spa unless they are supervised at all times.**

**OPERATION:**

Before operating the spa, you must ensure the water level in the spa is at the water level fill line printed on the spa wall. Never dry-run the power pack as such type of operation will void the warranty.

**CONTROL PANEL FUNCTIONS:**

- 1. “BUBBLE” button: Activates air jet system.
- 2. “FILTER” button: Activates filter system.
- 3. “HEATER” button: Activates heating and filtering system at the same time.
- 4. “TEMP” button: Sets and displays set temperature.
- 5. “ ▲ ” button: Higher temperature.
- 6. “ ▼ ” button: Lower temperature.
- 7. LED Display: Once powered-up, the LED displays the current water temperature automatically.



**Bubble button:** Press this button to activate the air jet system which has a 30-minute auto shut off for 10 minutes feature. The light of bubble button displays green when activated.

**Filter button:** This button turns the filter pump on and off. The light of the water filtration button displays green when the filtration system is activated.

**Heater button:** Use this button to activate the heating system. The heater does not stop heating the spa until the current water temperature reaches the set temperature. After the current water temperature drops 2°C below the set point temperature, the heating system will restart. When the light of the heat button displays green, the heating system is activated. Heating system is capable of increasing approximately 1.0°C (2.0°F) per hour. When the heating system is activated the filtration system will automatically start. This is normal.

**Temperature adjustment button:** Increase “▲” and Decrease “▼”.

Pressing the temperature increase or temperature decrease buttons will cause the LED to flash. When it is flashing, you can enter the desired temperature setting. If you hold these buttons down the values will rapidly increase or decrease. The new and desired temperature setting will remain on the LED display for 5 seconds to confirm the new value.

**NOTE:**

1. The set point temperature defaults to 40°C (104°F).
2. Temperature adjustment ranges from 20°C (68°F) to 40°C (104°F).
3. After turning off the heating system the filtration system will turn off. This is normal. But if you press the “FILTER” on before pressing “HEATER” on, by pressing the “HEATER” button once, you can switch off heating function only.

**MAINTENANCE:**

**Maintaining Water:**

1. Clean your filter cartridge (see below instructions) at least once a week or more often if necessary. The filter cartridge media eventually wears out and reduces its function. Replace the filter cartridge at least every 6 months to maintain water clarity.

2. All spas require the use of appropriate pool chemicals to balance and sanitize the spa water. Please consult your local pool supply retailer for more information about the chemical maintenance of your spa. It is very important to follow the chemical manufacturer’s instructions. Spa damage resulting from misuse of chemicals and mismanagement of spa water is not covered by the warranty. Drain, clean and refill your spa at least every three months.

**Water Chemistry:**

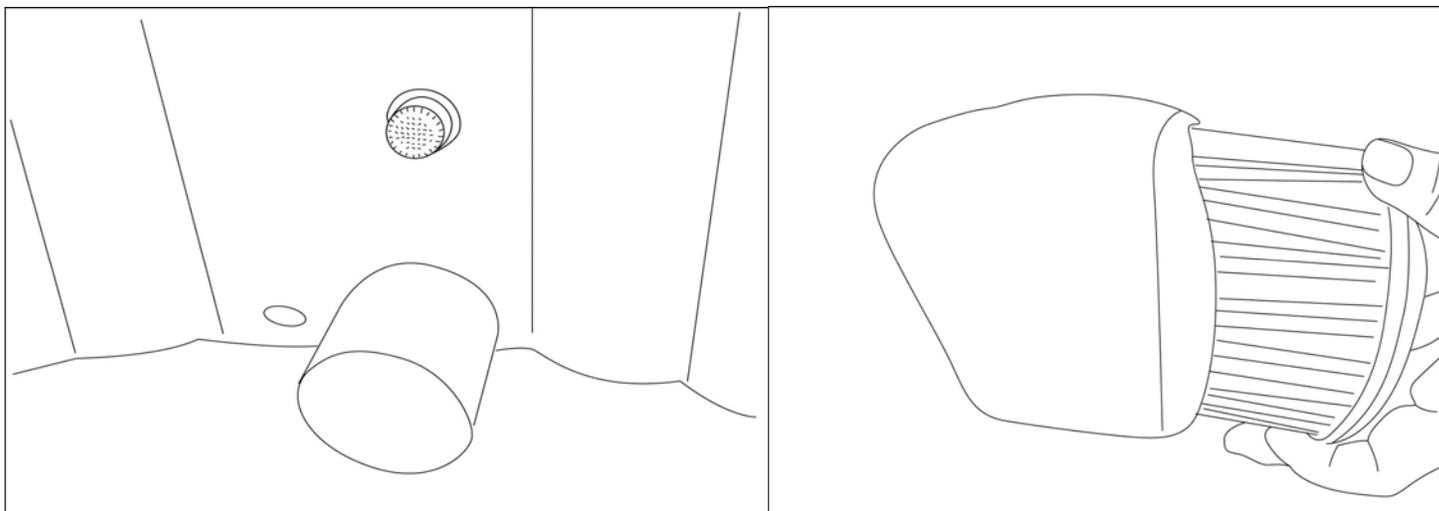
Purchase water balance chemicals, clarifier, sanitizer, and test strips from your dealer. It is essential that your spa’s water chemistry be maintained as follows: pH between 7.4 and 7.6, Total Alkalinity between 80 and 120 ppm. An EPA listed sanitizer is also required: Maintain bromine at 4 to 6 ppm using brominating tablets in a floating dispenser, or use an EPA listed alternative liquid sanitizing system. Test your water chemistry before each use of the spa, but no less than once per week, and adjust as necessary. Low PH will cause damage to the spa and pump. Any damages

resulting from improper water chemistry or imbalance is not covered by the warranty. Your dealer can supply you with kits of these products.

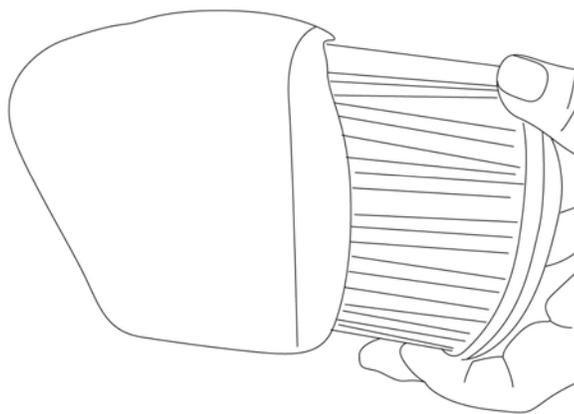
Water sanitation is the responsibility of the spa owner, achieved through the regular and periodic (daily, if necessary) addition of an approved sanitizer. The sanitizer will chemically control the bacteria and viruses present in the fill water or introduced during use of the spa.

### **Cleaning the filter cartridge:**

1. Unplug the GFCI power cord from the electrical receptacle before attempting to clean filter.
2. Unscrew the filter cartridge by turning counterclockwise.
3. Remove the filter cartridge cover.

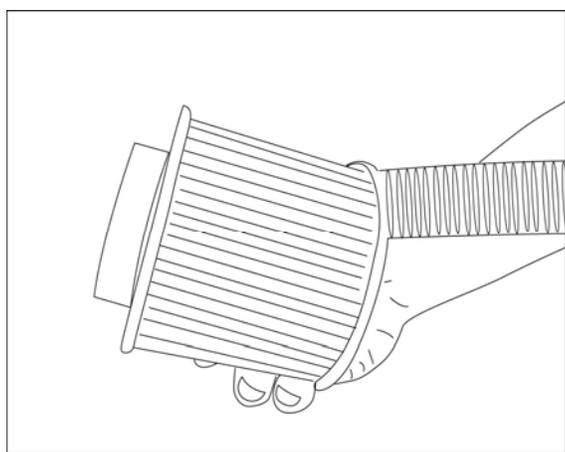


**2**

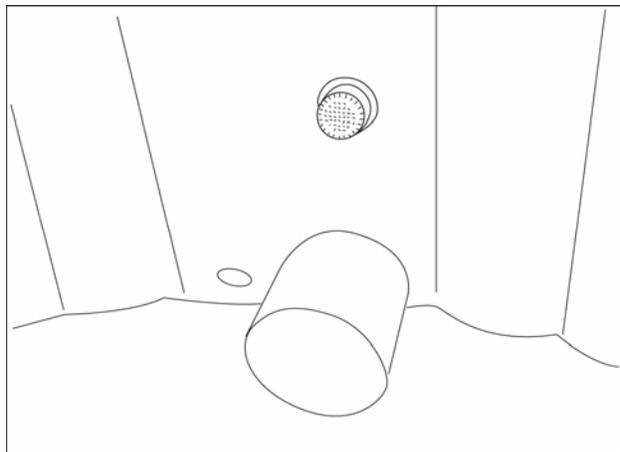


**3**

4. The filter cartridge can be rinsed off with a garden hose and reused. However, if the filter cartridge remains soiled and discolored the filter cartridge should be replaced.
5. Replace the filter cartridge cover on the filter cartridge. Then screw the filter cartridge onto the water inlet on the spa wall by turning it clockwise.



**4**



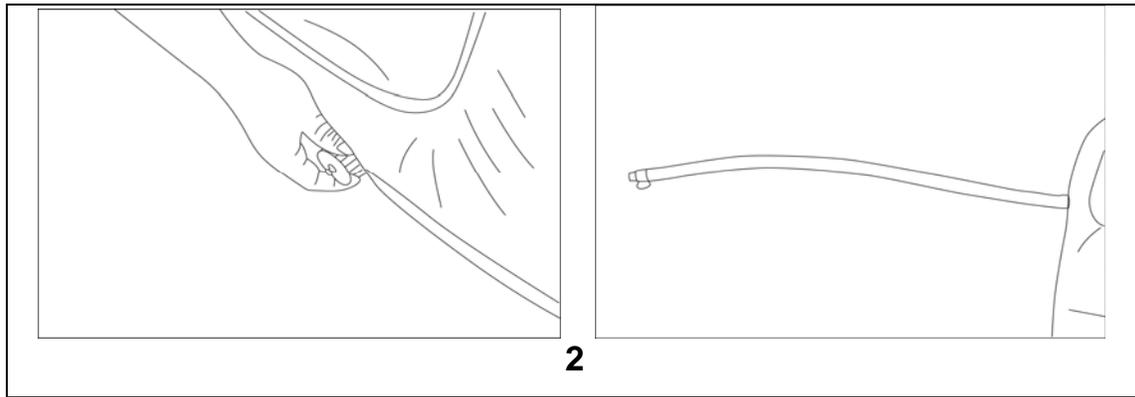
**5**

6. Plug the GFCI power cord back into the power outlet, the indicator light should turn on. Perform the GFCI Test and reset the desired temperature set point.

**NOTE:** The filter cartridge media eventually wears out and reduces its function. Replace the filter cartridge at least every 6 months to maintain water clarity.

### Draining your Spa:

1. Unplug the GFCI power cord from the electrical receptacle before attempting to drain the spa.
2. Open the outlet in the outer wall of the spa, located under the power pack at the floor of the spa, by unscrewing and removing the nut. Screw one end of the inflation hose on to the outlet.



3. After the spa's pool has drained, you must run the bubble function 2-3 minutes to drain the water trapped in the spa's air pipeline. Plug the GFCI power cord back into the power outlet, the indicator light should turn on. Perform the GFCI Test and then press the "BUBBLE" button to drain the water trapped in the spa's air pipeline. **Important: Only run in this mode until water stops exiting the inflation hose. Never dry-run the power pack as such type of operation will void the warranty.**

4. Once the above steps are completed, unscrew the inflation hose from the outlet and replace the nut. Ensure the nut is properly tightened.

### Cleaning your Spa:

Detergent residues and dissolved solids from bathing suits and chemicals will gradually accumulate in the spa's water and on the liner of the spa. To clean, first drain the spa and then use a mild soap solution to remove any soil or residues. After cleaning, rinse thoroughly with water before refilling. **Note: do not use brushes, scrub pads or abrasive cleaners. This will damage your spa's liner.**

### REPAIR AND STORAGE:

#### Spa Repair

If the spa is torn or punctured use the provided repair patch. Dry the area to be repaired. Apply the glue in the accessory bag to the repair patch and then attach it onto the damaged area. Smooth the surface to remove any air bubbles. A secure unnoticeable repair can usually be made.

## Spa Storage

Make sure all water is drained from the spa and control box. This is essential to extend the life of the spa. We recommend the use of a wet/dry vacuum to blow out or suck up water from the spa pipes and pump lines. Remove the filter cartridge. It is recommended you store the spa in its original package in a warm dry place.

**Note:** Plastic becomes brittle and susceptible to breakage when exposed to subzero temperatures. Freezing can severely damage the spa. Improper winterization of your spa may void your warranty.

## DISPOSAL:

The marking indicates that this product shall not be disposed with the general household waste. Please contact your local community about collection points or ask your dealer. This product contains valuable materials that can be recycled and contribute to a sustainable environment.

## TROUBLE SHOOTING:

Here are some helpful tips to help you to diagnose and rectify some common sources of trouble.

Problem	Probable causes	Solutions
Power pack does not operate	-Power failure -GFCI tripped	-Check power source -Reset GFCI. Check if the homes fixed wiring is too thin to afford 1500W
Bubble system does not operate	-30 minute auto shut off feature activated -Air pump is too hot	-Press the bubble button to reactivate.  -Unplug the air pump. After the air pump has cooled, insert the plug and press the bubble button to activate.
Heating system does not operate	-Dirty filter cartridge -Improper water levels -Temperature set too low	-Clean or replace the filter cartridge -Add water to specified levels. -Set to a higher temperature (20-40°C).
Filtering system does not operate	-Dirty filter cartridge	-Clean or replace the filter cartridge
Spa leakage	-Spa is torn or punctured	-Use provided repair patch
Water not clean	-Insufficient filtering time -Dirty filter cartridge -Improper water maintenance	-Increase filtration time.  -Clean or replace the filter cartridge. -Refer to the chemical manufacturer's instructions.

# LIMITED WARRANTY—TERMS & CONDITIONS

This warranty extends to the original purchaser only with proof of purchase. The warranty period commences on the original purchase date through the 90<sup>th</sup> day. The warranty is not transferable to subsequent purchasers. This warranty is subject to the limitations and exclusions listed below.

## **Extent of warranty – 90 Days from date of purchase.**

**Manufacturer’s obligation is limited to repair or replacement, at manufacturer’s option, of the parts shown to be defective at the time of purchase. Products being returned for warranty must be accompanied by a sales receipt and all transportation charges are at the expense of the original purchaser.**

## **Limitations and Exclusions**

The warranty is a limited warranty. It covers the Aero Spa for the period stated. Filters are consumable items and are not covered. This warranty negates or limits all other warranties implied or expressed, except for those, which can not be negated or limited by law of the state in which the product is used. The manufacturer does not authorize or permit any party, including its agents, distributors or dealers to assume for it any other obligations or liability. In no event will the manufacturer be liable for any claim for damages arising from the use or loss of use, installation, or repair of the spa pool including, but not limited to freight damage, punctures, cuts in vinyl, water and/or sewage costs, freeze damage, or water damage to surrounding areas, rooms, furnishings or landscaping. Product specifications are subject to change without notice.

## **Acts Invalidating Warranty**

This warranty is void if the spa has been altered, misused, abused or has been repaired by an unauthorized person, or is not installed according to the factory instructions. Other acts that will void the warranty are operating the spa without water or improper water level, use of an extension cord, improper chemical maintenance, burying the spa below ground level, damage from ice or freezing, low voltage or excess voltage. This warranty gives you specific legal rights.