

USER **MANUAL** 





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#### INTRODUCTION

### **CONGRATULATIONS!**

You have acquired a high-quality **Aquaspa Hot Tub.**Prepare to experience the comfort, wellness, and advanced hydrotherapy that your spa has been engineered to deliver.

This user manual contains all necessary information for:

- Correct operation
- Safe installation
- Proper maintenance

Please read this manual carefully before unpacking, installing, or operating the unit. Following all instructions step-by-step is essential. AQUASPA assumes no responsibility for damages or malfunctions caused by improper installation, unauthorized modifications, or incorrect handling.



#### **IMPORTANT:**

During transportation or unpacking, handle the spa carefully. The equipment contains delicate systems and components that require protection from impacts, mishandling, or improper lifting.

### GENERAL INFORMATION

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The **AQUASPA Spa** has been designed to provide an outstanding hydrotherapy experience, relaxation, and well-being. Whether installed at home, in a hotel, resort, spa center, or fitness club, this system offers:

- Cutting-edge design
- Superior functionality
- Exceptional performance
- Durable construction
- Enhanced user wellness

At **AQUASPA**, we continually innovate and optimize every manufacturing process to deliver **high-performance**, **energy-efficient**, **and reliable hydrotherapy systems** that support both physical and emotional well-being.

### THE DIFFERENCE IS IN THE PERFORMANCE

"I have **SIMPLE** tastes... I'm satisfied with the **BEST**"



#### SAFETY INSTRUCTIONS

### SAFETY INSTRUCTIONS

Before operating your hot tub, carefully read and follow all safety instructions included in this manual.

- Maximum water temperature must not exceed 40°C (104°F) due to the acrylic material properties.
- For outdoor installations, the spa must be protected under a canopy or weatherproof structure to avoid direct sun exposure.
- Installation must comply strictly with all technical specifications described in this manual.
- Improper installation may result in serious personal injury, equipment damage, or property damage.
- Children must not operate the spa without continuous adult supervision.

- Individuals with medical conditions (cardiovascular disease, hypertension, pregnancy, or other health conditions) must consult a physician before using the spa.
- Use the hot tub only for its intended purpose. **Do not install** unauthorized or aftermarket accessories.



CAUTION: Keep hair, body parts, and foreign objects away from suction intakes. Wearing a bathing cap is strongly recommended for additional safety during operation.



WARNING: The use of non-approved chemicals, excessive chemical concentrations, or improper cleaning agents may cause permanent damage to the equipment and void the product warranty.

## FEATURES & TECHNICAL SPECIFICATIONS

#### **SPECIFICATIONS**

#### **CONSTRUCTION AND MATERIALS**

- 4-layer fiberglass-reinforced acrylic shell
- Polyurethane thermal insulation
- Teak wood cabinet
- Teak or synthetic wood steps
- Dura Therm thermal cover

#### **HYDRAULIC SYSTEM & PUMPS**

- 3 x 4 HP two-speed pumps (220V)
- Heater: 5500W (220V)
- 4 suction intakes
- Double skimmer filtration system

#### **HYDROTHERAPY JETS**

- 9 directional jets (5")
- 12 directional jets (3")
- 65 lumbar mini jets
- Reflexology system

#### **OPTIONAL FEATURES**

(Available at additional cost)

- Synthetic wood cabinet
- Integrated Bluetooth audio system
- Ozone and UV sanitization system
- Magnetotherapy system
- AQUASMART smartphone control system
- Reinforced metal frame structure
- Stainless steel safety handrail

#### **CONTROLS AND FUNCTIONALITY**

- Electronic control panel
- 3 diverter valves (2")
- Integrated temperature sensor

#### **LIGHTING & WELLNESS FEATURES**

- Interior LED lighting
- Chromotherapy system (multi-color LED)
- 3 synthetic leather headrests

#### **DECORATIVE WATER FEATURES**

- 3 decorative water fountains
- 1 waterfall control valve

#### **ADDITIONAL FEATURES**

- Dura Therm thermal cover
- Synthetic leather headrests
- Teak or synthetic wood steps

**7 Adults +2 Children** 2,200 L. / 581.17 gal.

\*\*\*\*\*\*

**Spa Depth:** 0.88 m. / 34.64 in.

**Dry Weight:** 700 Kg. / 1,543.24 lb.

**Total Height:** 1.08 m. / 42.51 in.

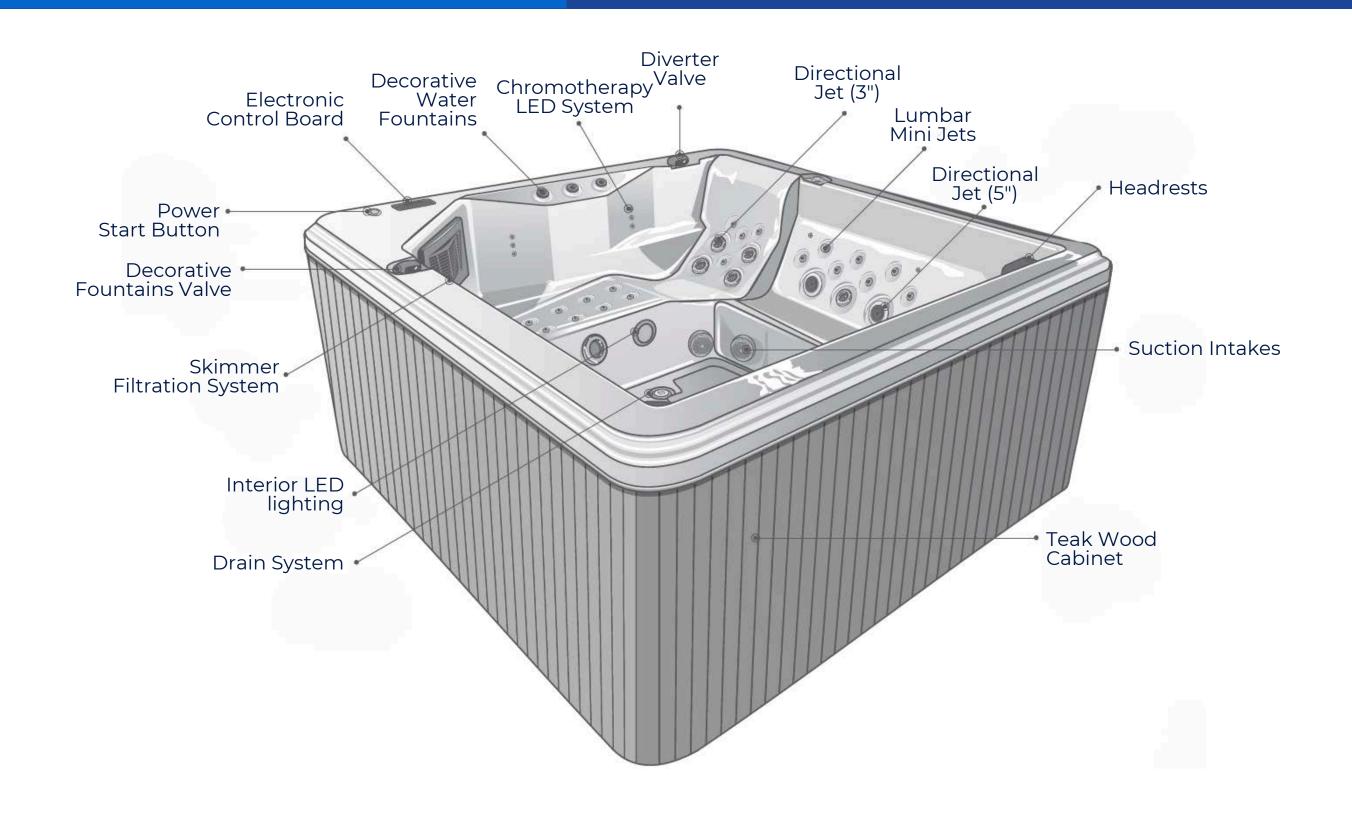
**Total Filled Weight:** 3,540 Kg. / 7,804.36 lb.



5 Available Light Colors



### COMPONENTS



## AQUASMART SYSTEM (Optional)

## TOTAL CONTROL FROM YOUR SMARTPHONE

The optional **AQUASMART system** allows you to remotely control all spa functions directly from your smartphone or tablet:

#### **KEY FEATURES:**

- Adjust water temperature in real-time.
- Turn jets, lighting, and fountains on/off.
- Activate energy-saving mode.
- Receive automatic maintenance alerts.
- Program filtration and operation schedules.
- Monitor spa system remotely from anywhere.

#### **SETUP PROCESS:**

• Download the free app.

Search for "Gecko" or "in.touch 2" in App Store or Google Play.



- Connect to your home Wi-Fi. (the spa and device must be on the same network during initial setup).
- Create your user account and follow the app instructions to pair your spa.

**Note:** The AQUASMART system is only available for models equipped with this option.

## OZONE AND UV SANITIZATION (Optional)

### **SANITIZATION**

The optional ozone and ultraviolet (UV) sanitization system reduces the need for harsh chemicals, minimizing skin and eye irritation.

#### **OZONE SYSTEM**

- Ozone is a powerful natural oxidizer that eliminates bacteria and microorganisms.
- The ozone molecule has a short lifespan; conventional sanitizers should still be used, but in lower quantities and frequency.

#### **UV SANITIZATION**

• UV disinfection is a non-chemical process using **high-intensity ultraviolet light** to deactivate bacteria, algae, and viruses by disrupting their DNA/RNA.



The ozone and UV system operates **continuously** while the spa's circulation pump is running.

## AUDIO SYSTEM (Optional)

### **AUDIO SYSTEM**

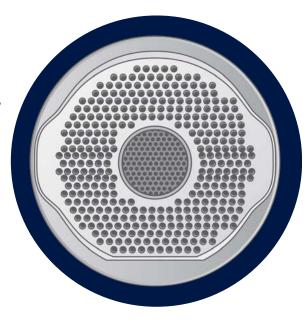
The integrated audio system enhances your relaxation sessions with high-fidelity sound.

#### **SYSTEM FEATURES:**

- Bluetooth connectivity
- Auxiliary input ports
- Full Compatible with mobile devices

#### **INCLUDED COMPONENTS:**

- Stereo receiver
- 4 cabinet-mounted speakers
- Subwoofer
- Amplifier



**Note:** The design, configuration, or brand of audio components may vary depending on availability.

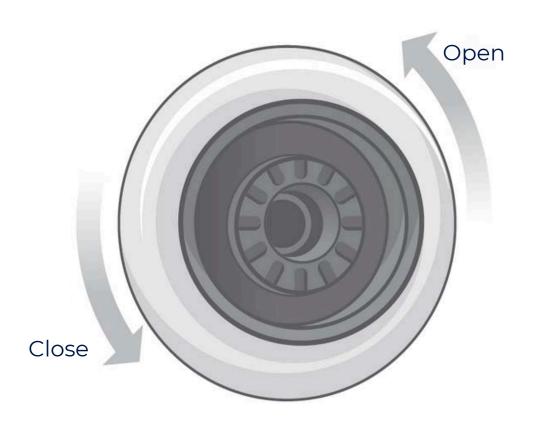


#### **JETS**

# DIRECTIONAL JETS (5" AND 3")

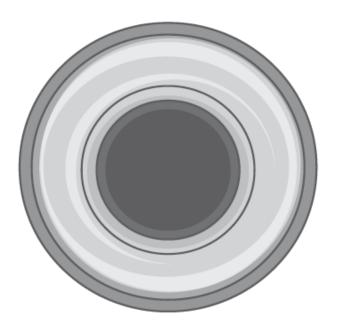
The certified **AQUASPA directional jets** allow personalized massage adjustments for each body zone.

- Each jet is manually adjustable for precise flow direction.
- Rotating jets provide a **focused, pulsating massage** ideal for the back and shoulders.



### LUMBAR MINI JETS

- Strategically positioned at the lower backrest.
- Deliver localized massage for **lumbar relief** and deep muscle relaxation.



## MAGNETOTHERAPY (Optional)

### **MAGNETOTHERAPY**

Magnetotherapy utilizes **low-frequency magnetic fields** to support relief of:

- Chronic pain
- Inflammation
- Muscular discomfort

#### **BENEFITS:**

- Improves blood circulation
- Aids toxin elimination
- Reduces inflammation-related pain from the first session

#### **IMPORTANT:**

Magnetotherapy serves as **complementary therapy** and does not replace medical treatments. It is non-invasive and free of side effects.





## CHROMOTHERAPY (Optional)

### **CHROMOTHERAPY**

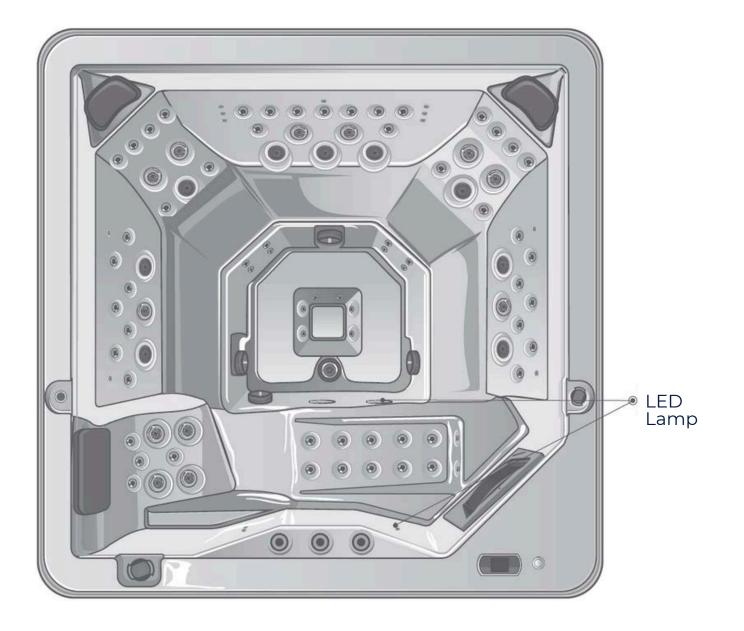
The LED-based chromotherapy system uses light color frequencies to promote physical and emotional wellness.

• Each color frequency generates different sensations of relaxation, balance, or energy.

#### **SYSTEM FEATURES:**

- Activated directly from the control panel
- Complements hydrotherapy for a full sensory experience





#### **DIVERTER VALVE**

### **DIVERTER VALVE**

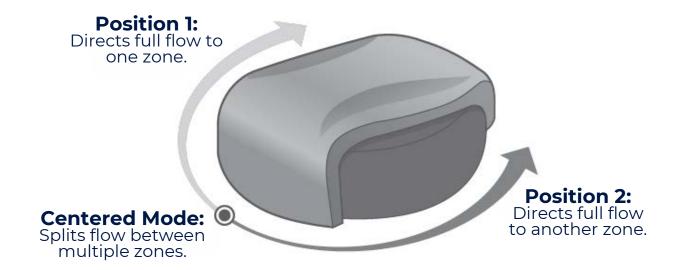
The diverter valves control water flow distribution from the pumps to specific hydrotherapy zones, allowing the user to optimize the massage experience.

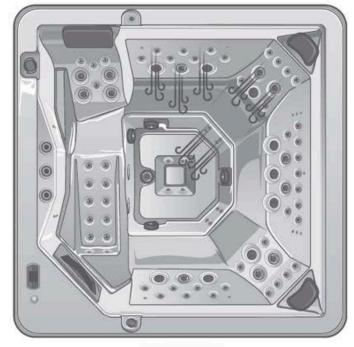
• Each valve may direct water to a single area or distribute flow across multiple zones depending on its selected position.

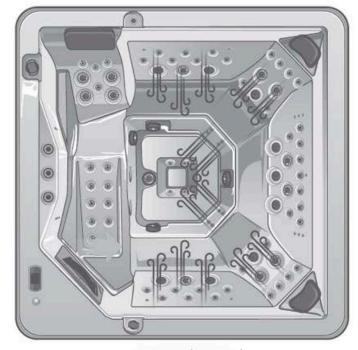


#### **IMPORTANT OPERATING NOTE:**

Always ensure the pumps are running at low speed before adjusting the diverter valves. Turn the valve slowly to avoid pressure surges.









Position 1

Centered Mode

Position 2

## DECORATIVE WATER FOUNTAINS

### **DECORATIVE FOUNTAINS**

The integrated decorative fountains enhance the overall spa experience by adding a **soothing visual and acoustic effect.** 

- The water streams produce a calming flow that encourages natural relaxation through both sound and movement.
- Fountain flow is activated and adjusted using the dedicated control valve.



#### **SUCTION INTAKE**

### SUCTION INTAKE

The suction intake draws water from the spa basin into the hydraulic system for recirculation during operation.

#### **SAFETY WARNING:**



- Do not block the suction intake during spa operation.
- Keep body parts, hair, and objects clear of suction openings at all times.
- Wearing a **bathing cap** is strongly recommended to minimize suction-related hazards.



#### REFLEXOLOGY

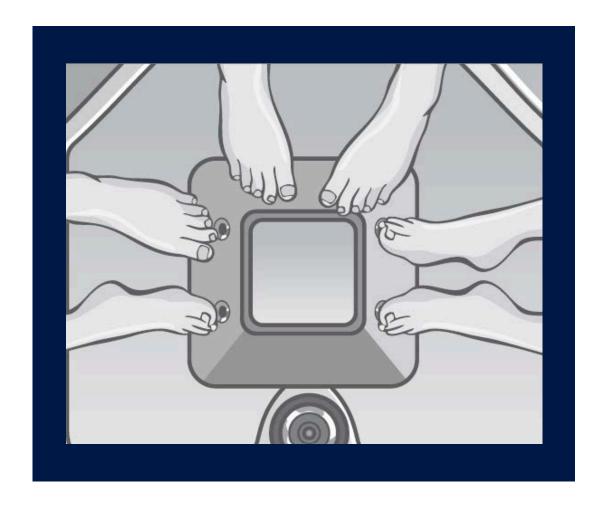
### **REFLEXOLOGY**

Certain models of the AQUASPA Hot Tub are equipped with **reflexology zones,** designed to stimulate key pressure points on the soles of the feet.

- Reflexology targets specific areas believed to correspond to organs and systems within the body.
- Stimulating these zones may help promote **overall balance**, **tension relief**, **and deeper relaxation**.

#### **IMPORTANT:**

Reflexology serves as a complementary therapy and is not a substitute for medical treatment.



#### THERMAL COVER

### THERMAL COVER

The thermal cover helps retain water temperature and protect internal components when the spa is not in use.

#### **FEATURES:**

- Manufactured from durable synthetic material for easy handling and cleaning.
- Helps minimize heat loss, evaporation, and contamination from external elements.

#### **USAGE GUIDELINES:**

- Clean regularly using a soft, damp cloth.
- Avoid direct exposure to sun, rain, or excessive weight.
- The cover is designed for insulation only and **should not serve as a** support surface.

#### **WARNING:**



- Do not place heavy objects or sit/stand on the cover.
- For outdoor installations, it is mandatory to protect the spa entirely with a canopy or shelter to extend the lifespan of all components.



## FILLING AND WATER LEVEL

## FILLING AND WATER LEVEL

Before operating the spa, ensure it is filled completely to the recommended water level.

#### **FILLING INSTRUCTIONS:**

- Connect a garden hose to the water supply and insert it into the spa basin.
- Verify that the drain valve is fully closed before filling.
- Fill the spa until **all jets are fully submerged** before starting the system.

#### **CRITICAL WARNINGS:**



- Never operate the pumps without water. Dry operation will cause immediate damage and void the product warranty.
- Water temperature must not exceed 40°C (104°F) to prevent acrylic deformation.



## ACRYLIC AND CABINET COLORS

#### **AVAILABLE ACRYLIC COLORS:**



White



Beige Pearlescent (LS8001)



Granite Sierra (GR7114)

#### **AVAILABLE CABINET FINISHES:**



Teak Wood

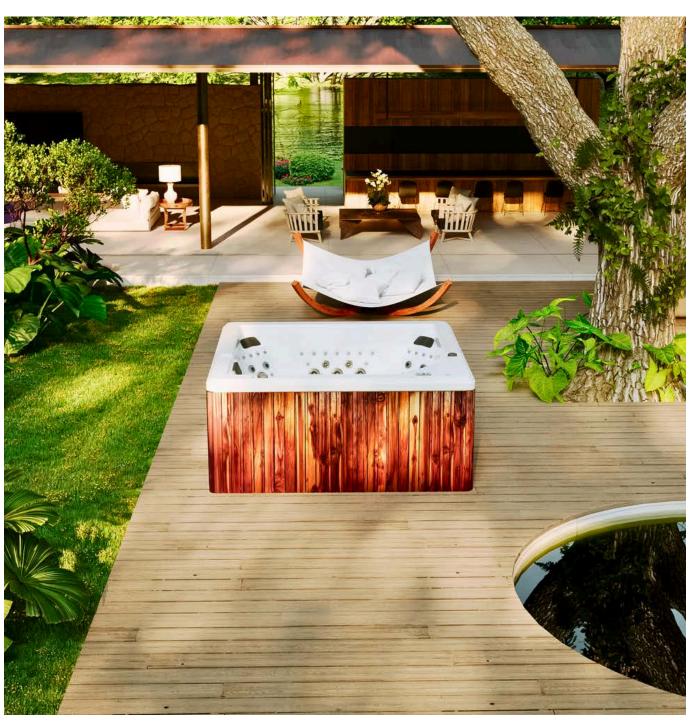


Synthetic Dark Brown



Synthetic Light Brown





## SERVICE & TECHNICAL SUPPORT

## SERVICE & TECHNICAL SUPPORT

For any technical inquiries or service requests, contact the official AQUASPA Technical Support Department.

#### **IMPORTANT:**

- AQUASPA assumes no responsibility for damages resulting from unauthorized repairs or use of non-genuine parts.
- The electrical and control systems must not be accessed or modified by the user.
- There are no user-serviceable internal components.
- All electrical work must be performed by a qualified electrician, strictly following this manual.

Grounding must always be performed using an approved copperweld grounding rod as specified in current regulations.



#### **CONTACT INFORMATION:**

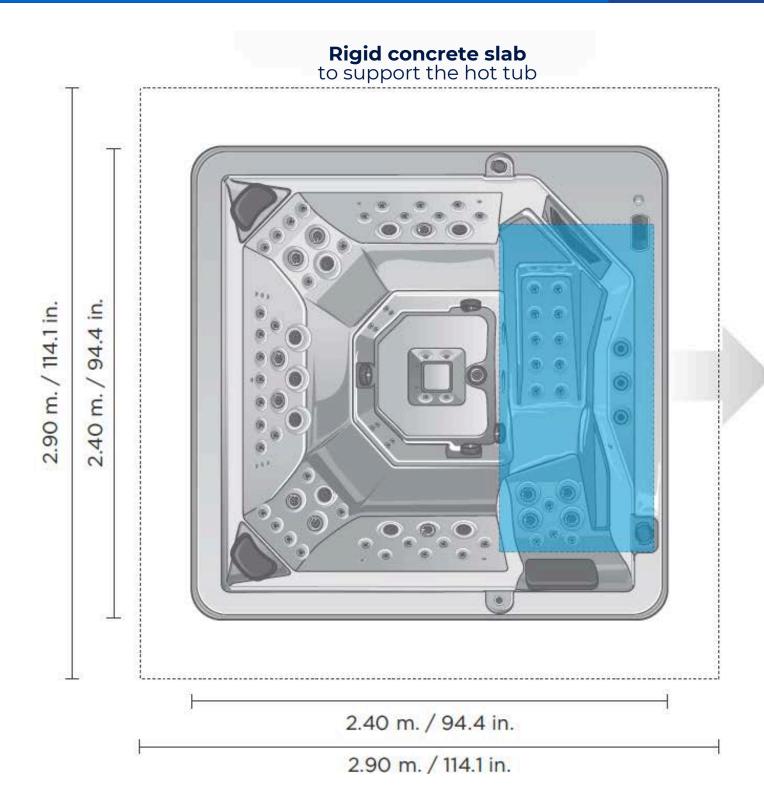
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### **DIMENSIONS & CAPACITY**

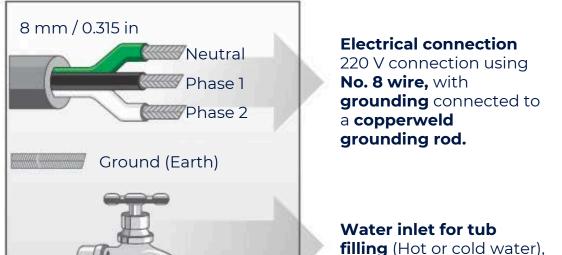
0.50 m. / 19.68 in.

1.40

55.11



**Right Side – Installation Requirements**The following three elements must be available and within reach of the equipment area for proper hot tub operation:



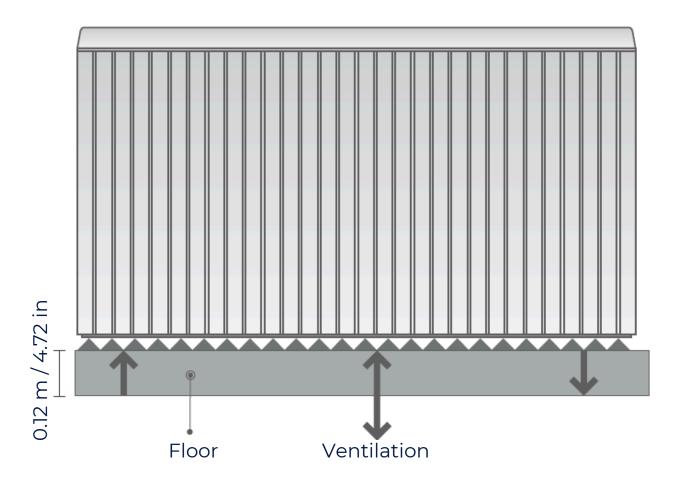
**Drain outlet** For emptying the tub, 1-inch pipe.

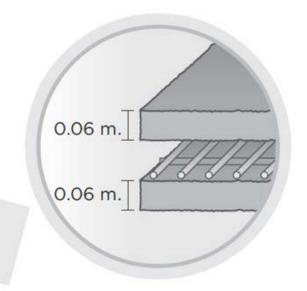
1-inch pipe.

### **DIMENSIONS & CAPACITY**

### CONCRETE SLAB RECOMMENDATION

Before installation, it is essential to ensure the hot tub will be supported by a **stable and level base** that can handle the total weight when filled with water and in use.





The recommended base consists of a reinforced concrete slab, made by pouring two overlapping layers, each with a thickness of 0.06 m (2.36 in.), reinforced internally with metal mesh.

Ensure that the ground is **level**, **compacted**, **and free of moisture or slopes** to prevent **warping**, **water infiltration**, **or equipment displacement over time**.

### **DIMENSIONS & CAPACITY**

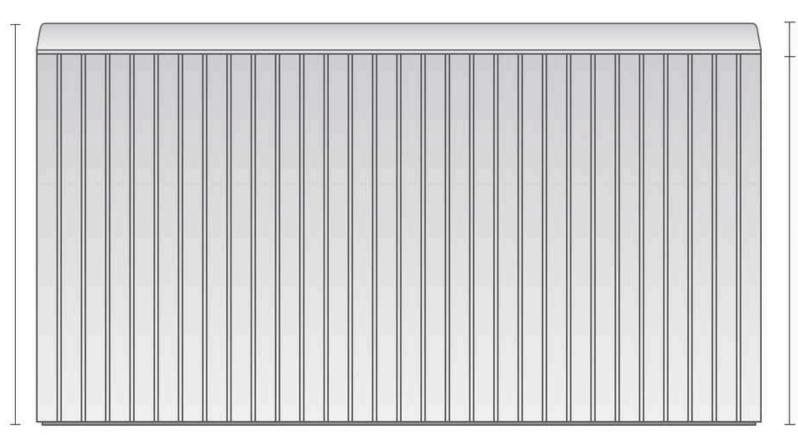
### **DIMENSIONS & CAPACITY**

#### **EXTERNAL DIMENSIONS:**

- Width: 2.40 m / 94.48 in
- **Length:** 2.40 m / 94.48 in
- **Depth:** 0.88 m / 34.64 in
- Total Height: 1.08 m / 42.51 in

#### **CAPACITY:**

- Water Capacity: approximately 2,200 Liters / 581.17 Gallons
- **Dry Weight (empty tub):** 700 kg / 1,543.24 lb
- Total Filled Weight (including water and users): Approx. 3,540 kg / 7,804.36 lb



0.11 m / 4.33 in

0.97 m / 38.19 in

1.08 m / 42.52 in

## PRE-INSTALLATION INSPECTION

## PRE-INSTALLATION INSPECTION

Before proceeding with the installation, perform a full inspection to ensure the equipment is fully operational and damage-free.

#### **INSPECTION STEPS:**

- Position the unit at its intended location, ensuring that the surface is **level, stable, and moisture-free.**
- Carefully unpack the spa in a clean, protected area.
- Visually verify all hydraulic and pneumatic connections, jets, suction fittings, air valves, and power controls.
- Fill the unit completely, activate the system, and verify:
  - Pump function
  - Jet function
  - Chromotherapy lighting
- Inspect all hose connections for any sign of leakage.

#### **IMPORTANT:**

- If any issue is detected, **do not continue with installation.** Immediately contact your distributor and provide:
  - Purchase invoice
  - Model reference
  - Order number

Aquaspa Siglo 21, S.A. de C.V. is not responsible for damages resulting from improper installation or handling.

## ELECTRICAL SAFETY INSTALLATION

## ELECTRICAL SAFETY INSTALLATION

The spa's electrical connection must fully comply with NOM-001-SEDE-2012 and all applicable regulations.

#### **CONNECTION REQUIREMENTS:**

- Permanent, fixed installation directly wired to the power source.
- Use #8 AWG copper wire with suitable exterior-rated insulation.
- Physical grounding connected to a copperweld grounding rod.
- Protection gainst moisture, splashes, and infiltration.



#### **MANDATORY ELECTRICAL PROTECTION:**

- Install a **40-amp GFCI circuit breaker (220V)** located in a safe, accessible location.
- Electrical protection must immediately disconnect power in case of malfunction to ensure user safety.

All electrical work must be performed by a licensed electrician. Improper connections will void the equipment warranty.



## ELECTRICAL POWER SUPPLY & INSTALLATION

## **ELECTRICAL POWER SUPPLY & INSTALLATION**

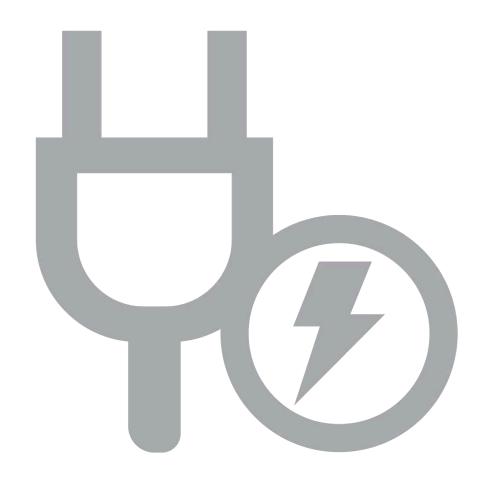
The electrical system must be installed by a **licensed electrician**, following the applicable standards set by the **Dirección General de Normas (DGN)**, **NOM-001-SEDE-2012**, and **NEC** (National Electrical Code, USA).



#### **CRITICAL NOTES:**

- Do not connect the spa to power until it is fully filled with water.

  Running the system dry may cause irreversible damage and void the warranty.
- A **dedicated power line** should be connected directly to the electric meter:
  - #8 AWG copper conductors
  - Proper grounding using copperweld grounding rod
- The disconnect switch should be installed in a **protected**, **accessible location** near the spa, preferably inside a technical room or service area.



## METAL FRAME STRUCTURE (Optional)

### METAL FRAME STRUCTURE

Some models include an internal metal frame for additional structural reinforcement, especially in built-in or elevated installations.

#### **TECHNICAL SPECIFICATIONS:**

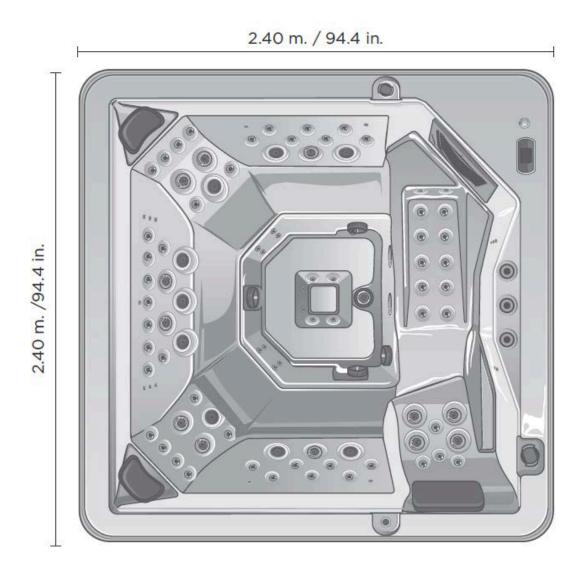
- Constructed with 1 1/4" x 1/8" reinforced steel angle
- Custom-designed to fit the spa perimeter
- Pre-assembled and installed at the factory
- Includes an access compartment for technical service

#### **BUILT-IN INSTALLATION GUIDELINES:**

- Construct a pit-style cavity with lateral access for equipment maintenance.
- Ensure full electrical isolation from hydraulic components.

#### **METAL FRAME MAINTENANCE:**

- Sand with 180-grit wet/dry sandpaper.
- Apply industrial black lacquer paint as needed.



### **FACTORY NOTES**

### **FACTORY NOTES**

AQUASPA reserves the right to apply technical or aesthetic improvements without prior notice to optimize system performance.

#### **ADDITIONAL CONSIDERATIONS:**

- Images in this manual are for illustrative purposes and may differ in color, texture, or finish depending on customization or production lot.
- For safety and equipment protection, always disconnect power when:
  - Performing any maintenance
  - Water level drops below minimum
  - The spa remains unused for extended periods

### NORMAL OPERATING WATER TEMPERATURE RANGE:

• 35°C to 45°C (95°F to 113°F) depending on ambient conditions and electrical configuration.



## WATER CHEMISTRY CONTROL

## PH AND CHLORINE LEVEL MONITORING

To preserve the quality and durability of your bathtub or spa, it is essential to maintain water conditions within the recommended chemical parameters:

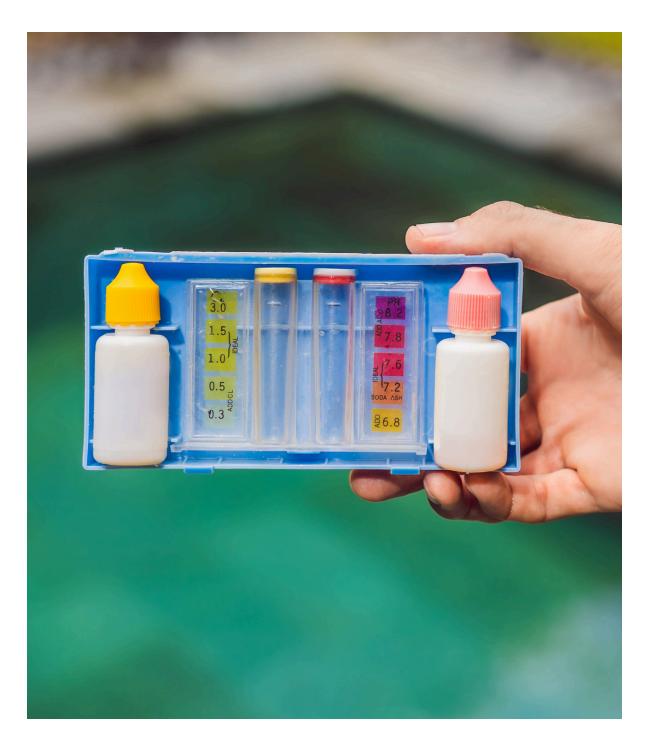
- The pH level of the water shall not exceed 7.8
- The chlorine concentration shall not exceed 1.5 ppm

The use of elevated chlorine levels or out-of-range pH may result in:

- Deterioration of the acrylic surface and quality, including clouding, premature wear, or staining.
- Corrosion of metallic fittings and components, compromising performance and appearance.

AQUASPA shall not be held liable for product damage resulting from chemical imbalance. Therefore, it is required to use a chlorine and pH test kit for the regular monitoring and adjustment of water chemistry.

Strict adherence to these parameters is essential to maintain your spa in **optimal operating condition** and to ensure its **long-term performance and lifespan.** 







Aquaspa Siglo 21, S.A. de C.V.

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