

USER **MANUAL** 





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### INTRODUCTION

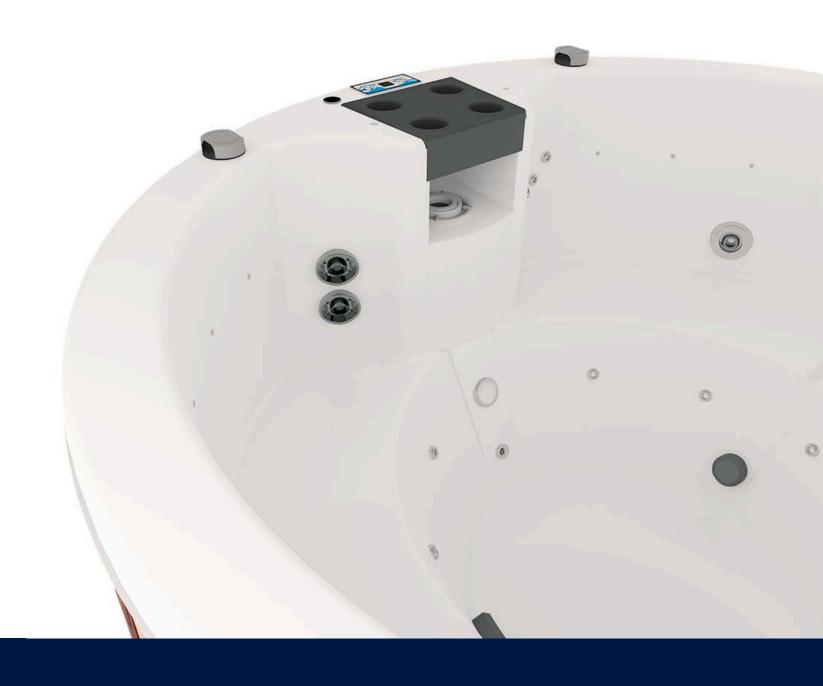
### **CONGRATULATIONS!**

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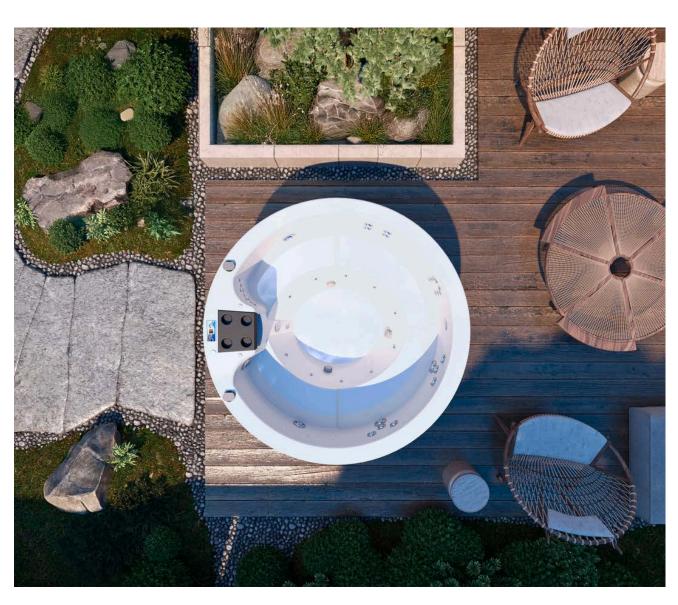
The **AQUASPA Spa** has been designed to provide an outstanding hydrotherapy experience, relaxation, and well-being. Whether installed at home, in a hotel, resort, spa center, or fitness club, this system offers:

- 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**

- Export-grade acrylic
- 4 layers of fiberglass
- Polyurethane thermal insulation
- Teak wood cabinet
- Teak or synthetic wood steps

#### **HYDRAULIC SYSTEM AND PUMPS**

- 1.5 HP dual-speed motor at 220 V
- 4 HP dual-speed motor at 220 V
- 4 suction fittings
- 1 skimmer filter
- Fill jet
- 5.500-watt heater at 220 V

#### **HYDROMASSAGE JETS AND THERAPY**

- 10 directional jets (3")
- 4 directional jets (5")
- 7 Aqua Jets
- 2 Ovo Jets
- 21 lumbar mini jets

#### **CONTROLS AND FUNCTIONALITY**

- Electronic control panel with LED lighting
- Temperature sensor
- 2 diverter valves

#### LIGHTING AND WELLNESS

- Interior LED light
- Chromotherapy

#### **ADDITIONAL FEATURES**

- Dura Therm thermal cover
- Teak or synthetic step finish

**6 Adults** 

1,300 L. / 343.42 gal.



**Spa Depth:** 0.97 m. / 38.18 in.

**Dry Weight:** 600 Kg. / 1,322.77 lb.

**Total Height:** 1.00 m. / 39.37 in.

**Total Filled Weight:** 2,460 Kg. / 5,423.37 lb.



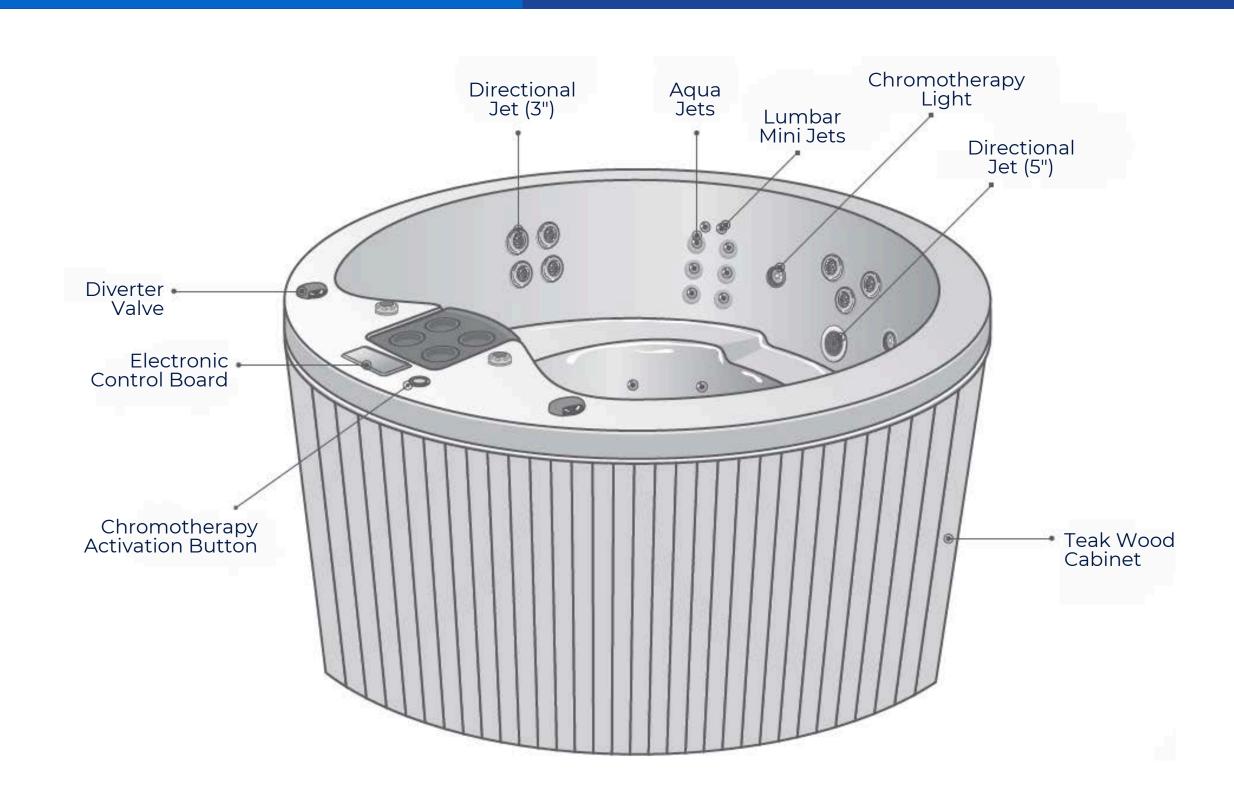


(Available at additional cost)

- Teak or synthetic wood steps
- Magnetotherapy
- Audio system
- Ozone and UV sanitization system
- Reinforced metal frame
- Stainless steel handrail
- AQUASMART system (smartphone control)



### 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**

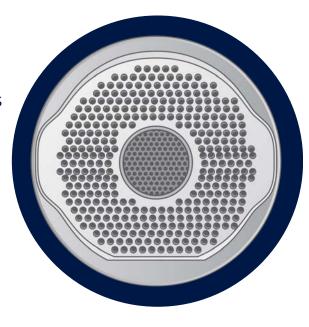
The integrated audio system enhances your relaxation sessions with high-fidelity sound.

#### **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.

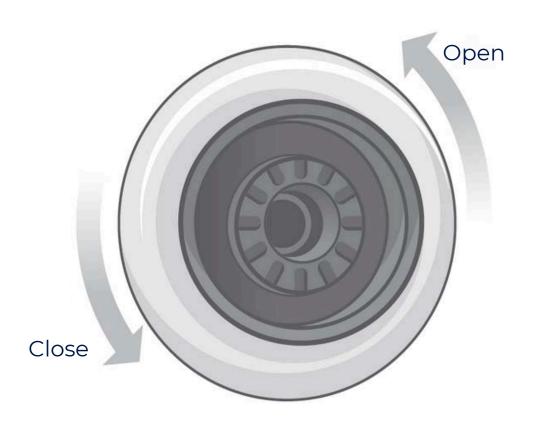


### **JETS**

# DIRECTIONAL JETS (5" AND 3")

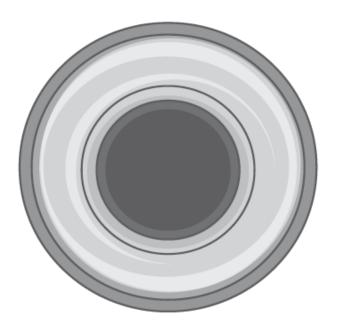
The certified **AQUASPA directional jets** allow personalized massage adjustments for each body zone.

- 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.



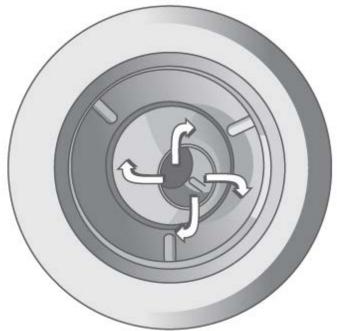
### **JETS**

### **AQUA JET**

This jet provides a **powerful and consistent massage,** ideal for stimulating specific muscle zones.

Its design allows you to adjust the water flow direction by turning the rotary nozzle, making it easy to target the massage where greater pressure is needed.

When installed in groups, Aqua Jets help **cover larger areas of the body,** delivering a uniform and personalized massage experience.



### **OVO JET**

**High-flow unidirectional jet,** designed to generate a swirling rotary stream.

Its wide outlet concentrates the flow, **efficiently moving the spa's water volume** and adding a dynamic effect to the hydromassage session.



# MAGNETOTHERAPY (Optional)

### **MAGNETOTHERAPY**

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

- Chronic pain
- Inflammation
- Muscular discomfort

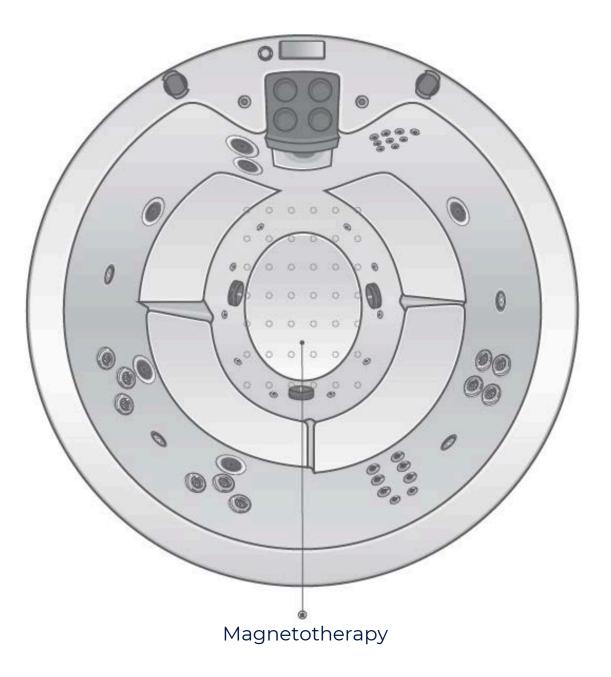
#### **BENEFITS:**

- 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**

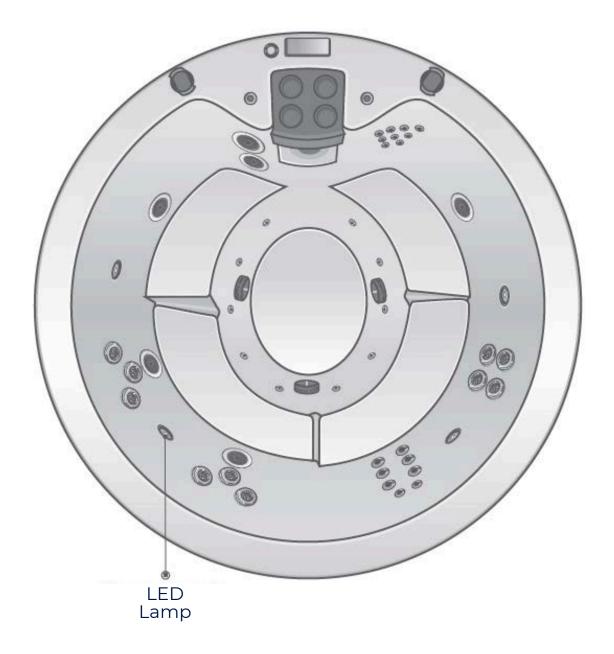
The LED-based chromotherapy system uses light color frequencies to promote physical and emotional wellness.

• 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 VALVES OPERATION

### **DIVERTER VALVE 1**

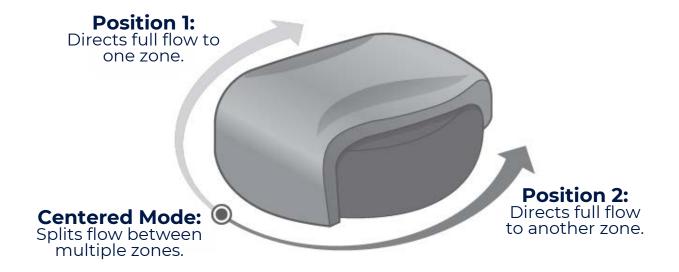
The diverter valves control water flow distribution from the pumps to specific hydrotherapy zones, allowing the user to optimize the massage experience.

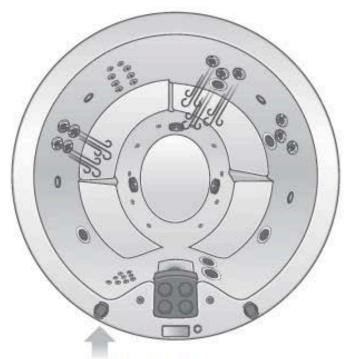
• Each valve may direct water to a single area or distribute flow across multiple zones depending on its selected position.

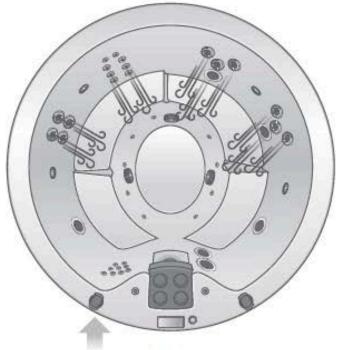


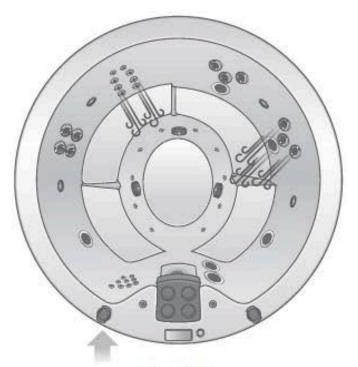
#### **IMPORTANT OPERATING NOTE:**

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

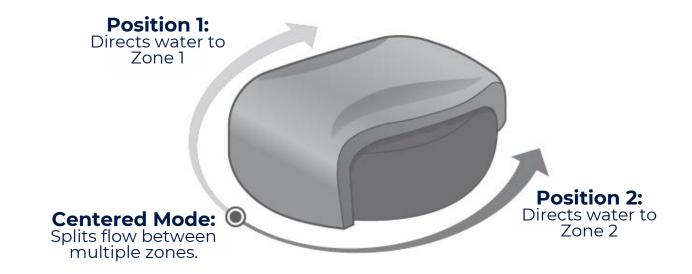
# DIVERTER VALVES OPERATION

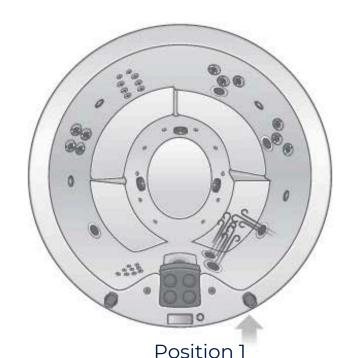
### **DIVERTER VALVE 2**

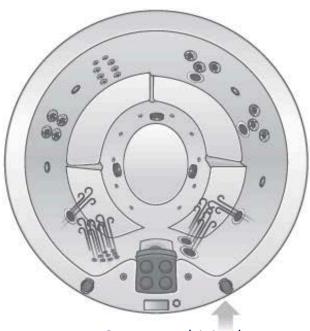
This diverter regulates the flow between waterfall outlets and distributes water accordingly.

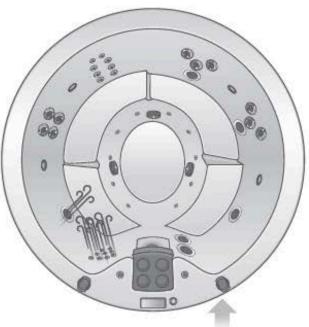
### IMPORTANT:

Always adjust diverter valves slowly, with pumps at **low speed.** 









Centered Mode

Position 2

### **SUCTION INTAKE**

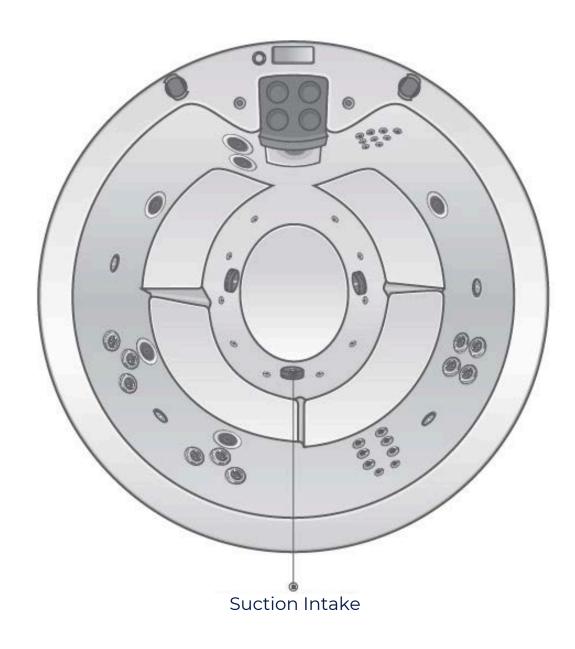
### SUCTION INTAKE

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.



### 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.

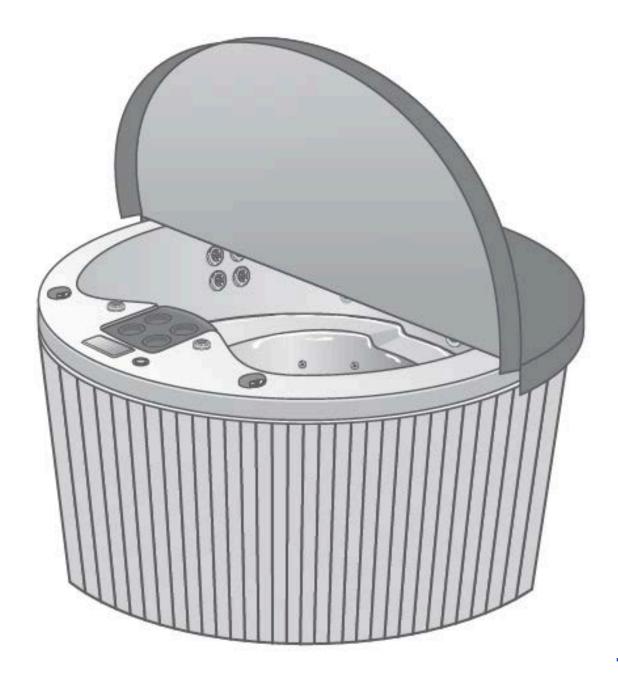
### **USAGE GUIDELINES:**

- 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

**Note:** Colors may vary slightly depending on the production batch. For current availability, please consult your authorized distributor.



# 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.

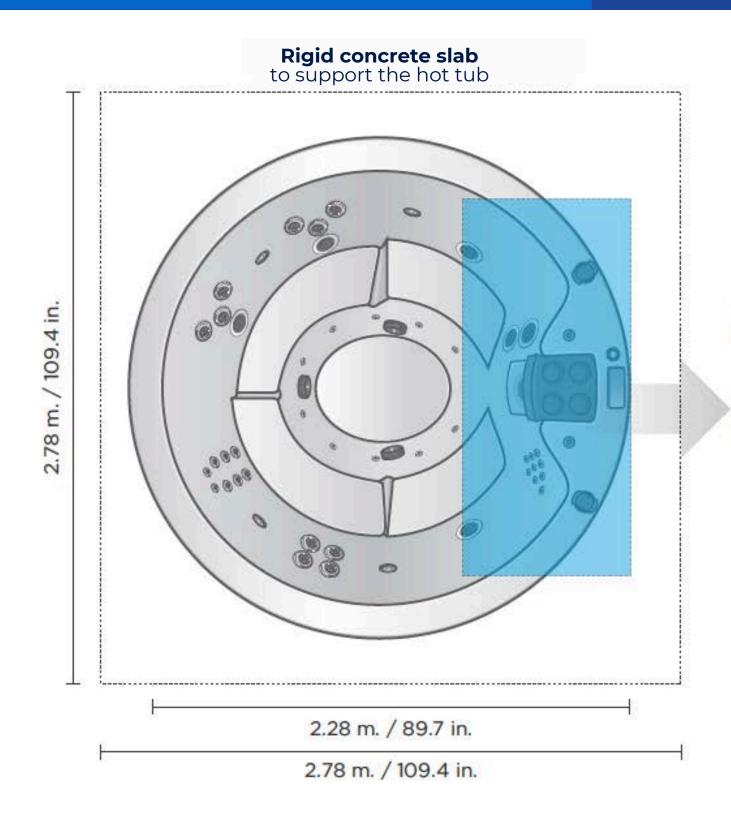


#### FROM ORDINARY TO EXTRAORDINARY

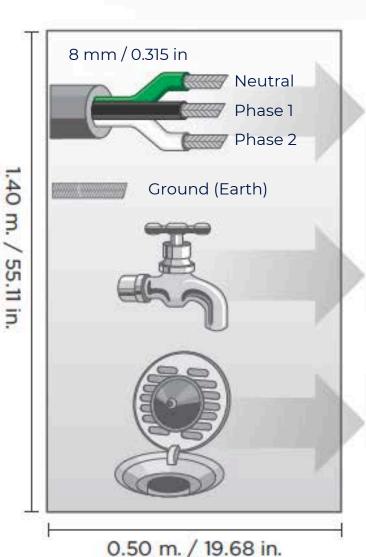
### **CONTACT INFORMATION:**

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Aljibe No. 45, Santa Úrsula Xitla,
Mexico City, 14420
Phone: (+52) 55 5655 6624
Email: tinas@aquaspa.com.mx
Website: www.aquaspa.com.mx

### **DIMENSIONS & CAPACITY**



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



#### **Electrical connection**

220 V connection using No. 8 wire, with grounding connected to a copperweld grounding rod.

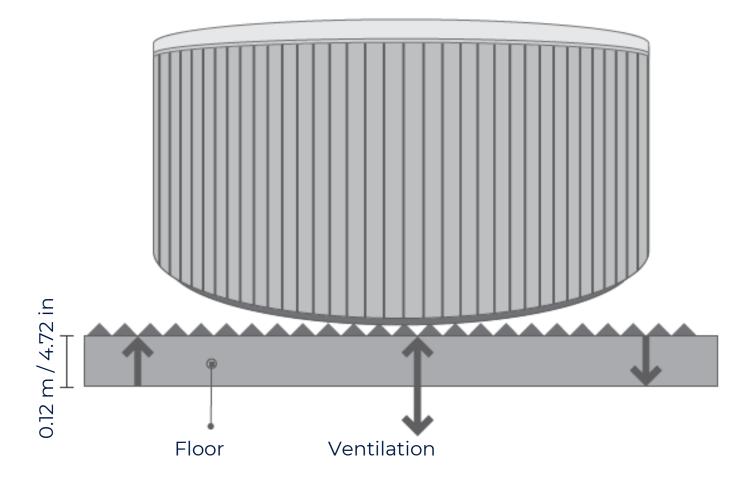
Water inlet for tub filling (Hot or cold water), 1-inch pipe.

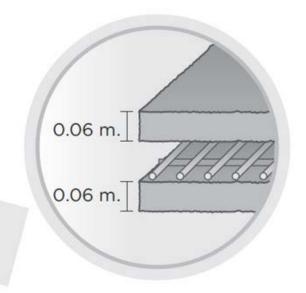
**Drain outlet** For emptying the tub, 1-inch pipe.

### **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**

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#### **EXTERNAL DIMENSIONS:**

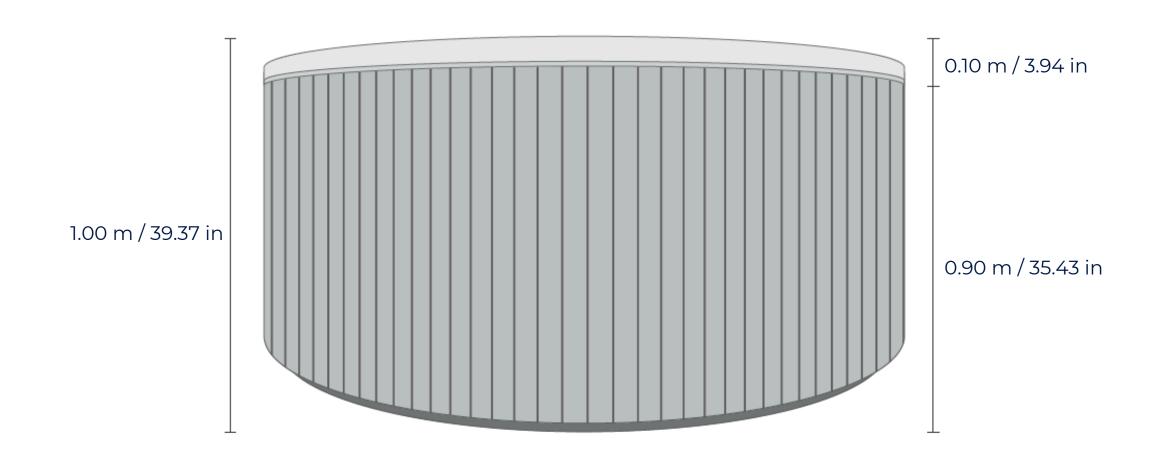
• **Diameter:** 2.28 m / 89.76 in

• **Depth:** 0.97 m / 38.19 in

• **Total Height:** 1.00 m / 39.37 in

#### **CAPACITY:**

- Water Capacity: Approximately 1,300 litros / 343.42 galones
- Dry Weight (empty tub): 600 kg / 1,322.77 lb
- Total Filled Weight (including water and users): Approx. 2,460 kg / 5,423.37 lb



# 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:**

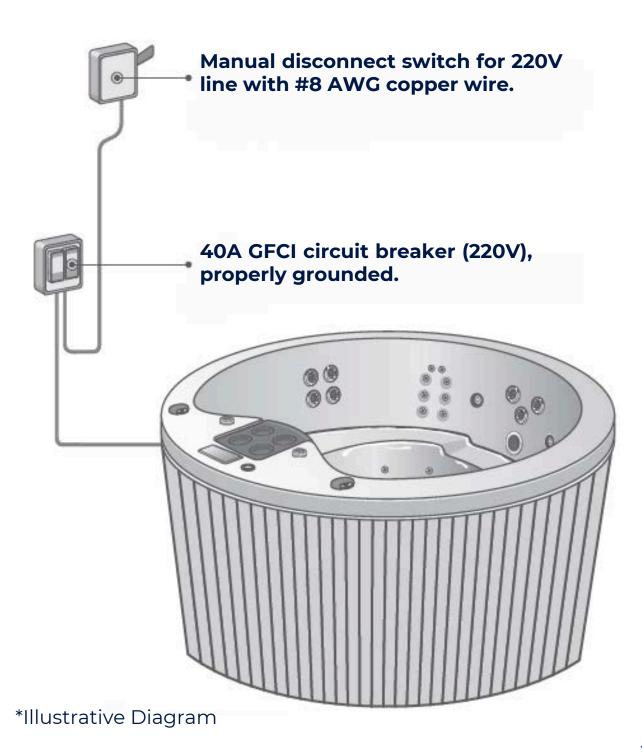
- Permanent, fixed installation directly wired to the power source.
- Use #8 AWG copper wire with suitable exterior-rated insulation.
- Physical grounding connected to a copperweld grounding rod.
- Protection gainst moisture, splashes, and infiltration.



#### **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**

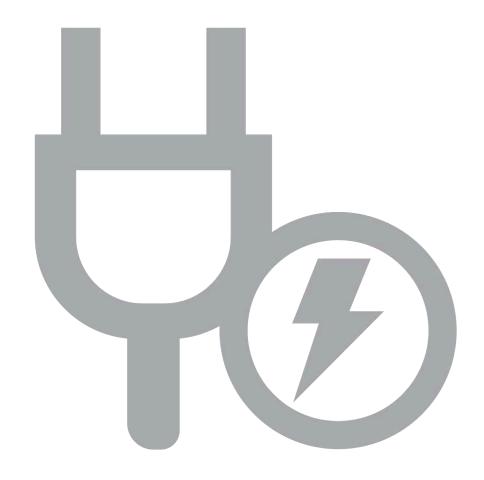
The electrical system must be installed by a **licensed electrician**, following the applicable standards set by the **Dirección General de Normas (DGN)**, **NOM-001-SEDE-2012**, and **NEC** (National Electrical Code, USA).



#### **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:**

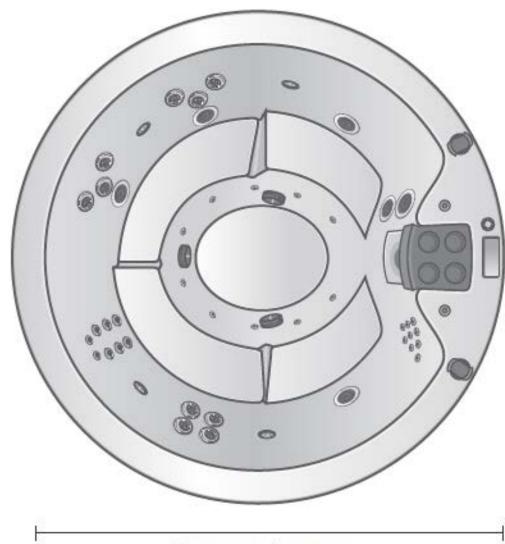
- Constructed with 1 1/4" x 1/8" reinforced steel angle
- Custom-designed to fit the spa perimeter
- Pre-assembled and installed at the factory
- Includes an access compartment for technical service

#### **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.



Ø 2.28 m. / 89.7 in.

### **FACTORY NOTES**

### **FACTORY NOTES**

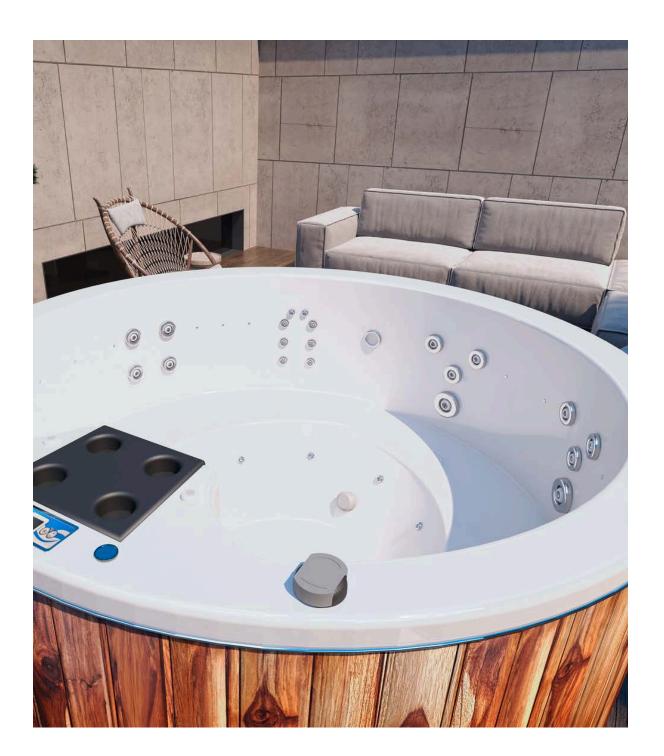
AQUASPA reserves the right to apply technical or aesthetic improvements without prior notice to optimize system performance.

#### **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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