



HOT TUB DUAL FALLS

SENSORY CONTRAST THERAPY

USER MANUAL

AQUASPA
FROM ORDINARY TO EXTRAORDINARY

HOT TUB DUAL FALLS

SENSORY CONTRAST THERAPY

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HOT TUB DUAL FALLS

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INTRODUCTION

CONGRATULATIONS!

You have acquired the innovative **HOT TUB FALLS DUAL**, the first AquaSpa system that combines **hot water hydromassage** and a **cold plunge tub** in one single product—ideal for **contrast therapy sessions**.

This manual contains all the necessary information for proper **use, maintenance, and installation** of your dual-function system.

We recommend reading it carefully **before unpacking**, as the equipment contains delicate components that require special care.

Follow the instructions thoroughly. Mishandling or improper installation will void the product warranty.



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.

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GENERAL INFORMATION

GENERAL INFORMATION

The **SPA FALLS DUAL** redefines the way to relax and recover at home by combining a **hot hydromassage** system with a **cold plunge tub** in a single solution. This technology enables contrast therapy sessions, ideal for **muscle relief, circulation improvement, and overall wellness**.

At AQUASPA, we innovate in every detail—**design, efficiency, and performance** come together to offer you a professional spa experience at home.

Our commitment is for you to enjoy **health and comfort every day**, with the quality and durability that distinguish us.

THE DIFFERENCE IS IN THE CONTRAST

High-impact hydromassage and controlled cold immersion: every component is designed to work in harmony with your body.

“I have
SIMPLE tastes...
I’m satisfied
with the **BEST**”



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SAFETY INSTRUCTIONS

SAFETY INSTRUCTIONS

Before activating and using your **SPA FALLS DUAL**, carefully read this manual. This system includes **two independent modules**: one for **hot water hydromassage** and one for **cold immersion**, so specific precautions must be followed for each zone.

- The hot water temperature **must not exceed 40°C (104°F)** due to acrylic properties.
- For the cold module, we recommend maintaining the temperature **below 15°C (59°F)** using only natural or pre-chilled water (do not use direct ice in the tub).

If installing your spa outdoors, it must be protected from **sunlight and rain** to preserve the system components.

Make all **electrical and hydraulic connections** as instructed in this document. Improper installation may damage the equipment and pose a risk to the user.

SAFETY WARNINGS

- Do not allow children to use the system without adult supervision.
- For people with medical conditions (pregnancy, hypertension, heart disease, etc.), consult a physician before use.
- Always use the spa for its intended purpose. Do not add non-approved accessories.
- Every AquaSpa unit undergoes strict quality testing.

We suggest **reusing clean water** after each session, provided it's within safe chemical parameters.



Caution: Keep hair, clothing, or accessories away from suction inlets. Wearing a swim cap is recommended during use.

HOT TUB DUAL FALLS

SENSORY CONTRAST THERAPY

FEATURES & TECHNICAL SPECIFICATIONS

SPECIFICATIONS

CONSTRUCTION AND MATERIALS

- Export-grade acrylic
- 4 layers of fiberglass
- Polyurethane thermal insulation
- Synthetic wood cabinet with teak-style finish
- 4 faux-leather headrests
- Padded cover on waterfall area
- Thermal cover: Dura Therm

HOT WATER HYDROMASSAGE ZONE

Jets and Hydraulics:

- 12 x 3" directional jets, 8 lumbar mini-jets, 2 recirculation intakes, 1 suction inlet, 1 skimmer filter and 1 overflow drain

Filling and Draining:

- Cascade waterfall fill and 1 push-type bottom drain

Controls and Equipment:

- Digital LED panel, 4 HP motor (220V, 2 speeds) and 5,500 W heater (220V)

Lighting:

- Chromotherapy with 5 color options

COLD PLUNGE ZONE (CONTRAST THERAPY)

System:

- 1 recirculation/fill 3" jet, 1 suction inlet, 1 overflow drain and 1 push-type bottom drain

Controls and Equipment:

- Independent panel for chiller and 1 HP chiller motor

Temperature Range:

- Down to 4°C (39°F) with specialized insulation

Lighting:

- Internal lighting with chromotherapy (5 color options)

3 adults in hot water
zone + 1 in cold plunge
zone
1,300 L. / 343.42 gal.



Spa Depth:
0.62 m. / 24.40 in.

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

Total Height:
1.10 m. / 43.30 in.

Total Filled Weight:
2,220 Kg. / 4,894.26 lb.



5 Available
Light Colors

OPTIONAL FEATURES

(Available at additional cost)

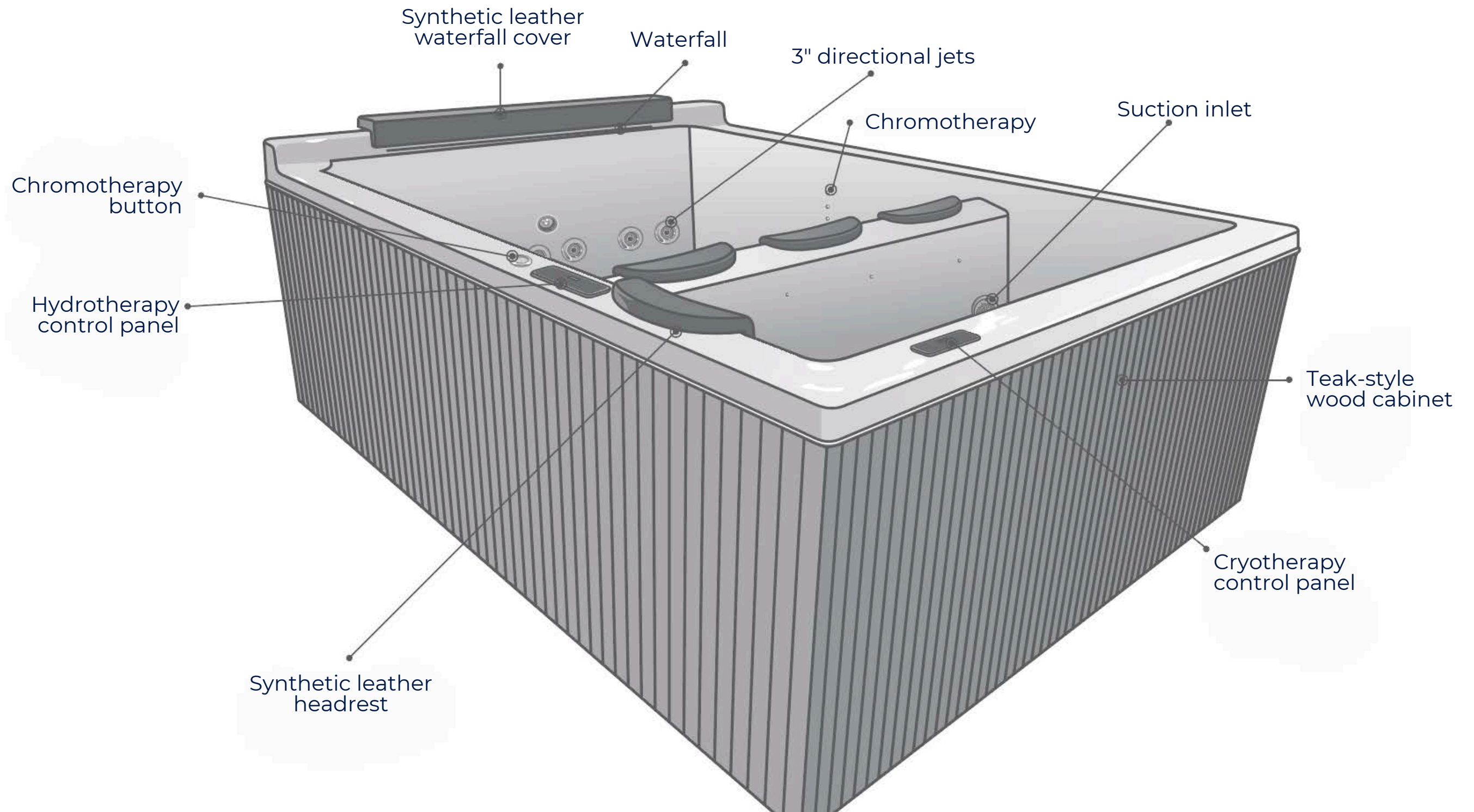
- Teak or synthetic wood steps
- Synthetic wood cabinet
- Ozone and UV sanitization system
- Bluetooth audio system
- Magnetotherapy
- Reinforced metal structure
- Stainless steel safety handrail
- AQUASMART remote app control system



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SENSORY CONTRAST THERAPY

COMPONENTS



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SENSORY CONTRAST THERAPY

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.

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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.**

HOT TUB DUAL FALLS

SENSORY CONTRAST THERAPY

AUDIO SYSTEM (Optional)

AUDIO SYSTEM

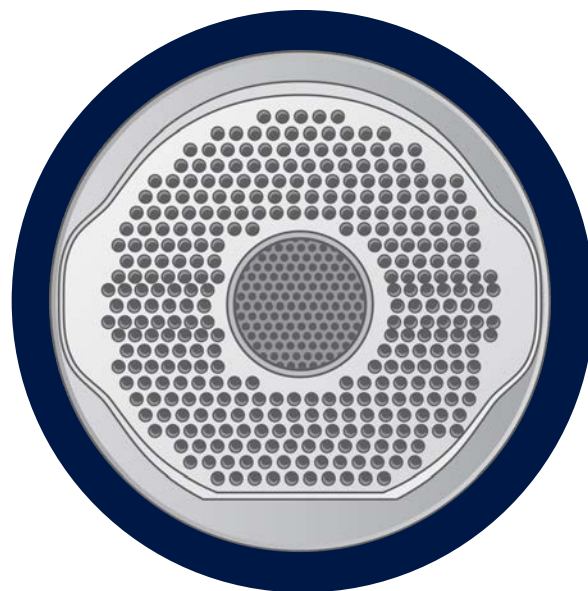
The integrated audio system enhances your relaxation sessions with high-fidelity sound.

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.



HOT TUB DUAL FALLS

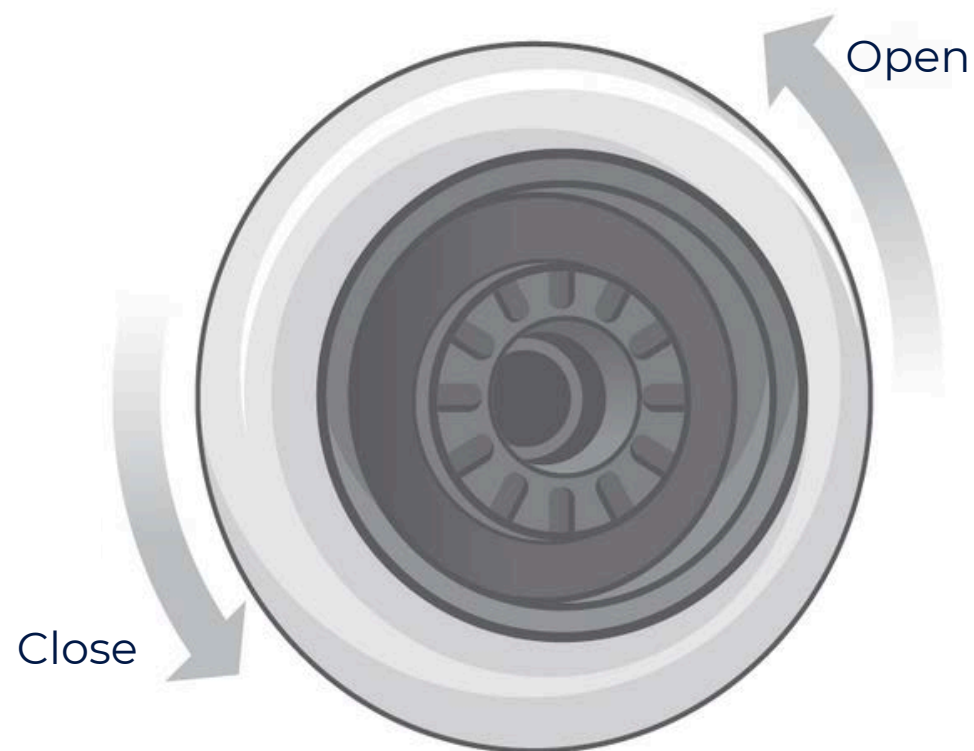
SENSORY CONTRAST THERAPY

JETS

DIRECTIONAL JETS 3"

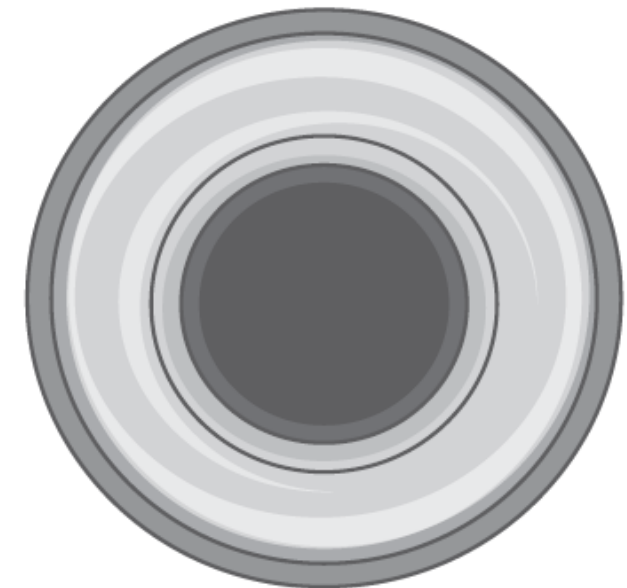
The certified **AQUASPA directional jets** allow personalized massage adjustments for each body zone.

- 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**.



HOT TUB DUAL FALLS

SENSORY CONTRAST THERAPY

MAGNETOTHERAPY (Optional)

MAGNETOTHERAPY

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

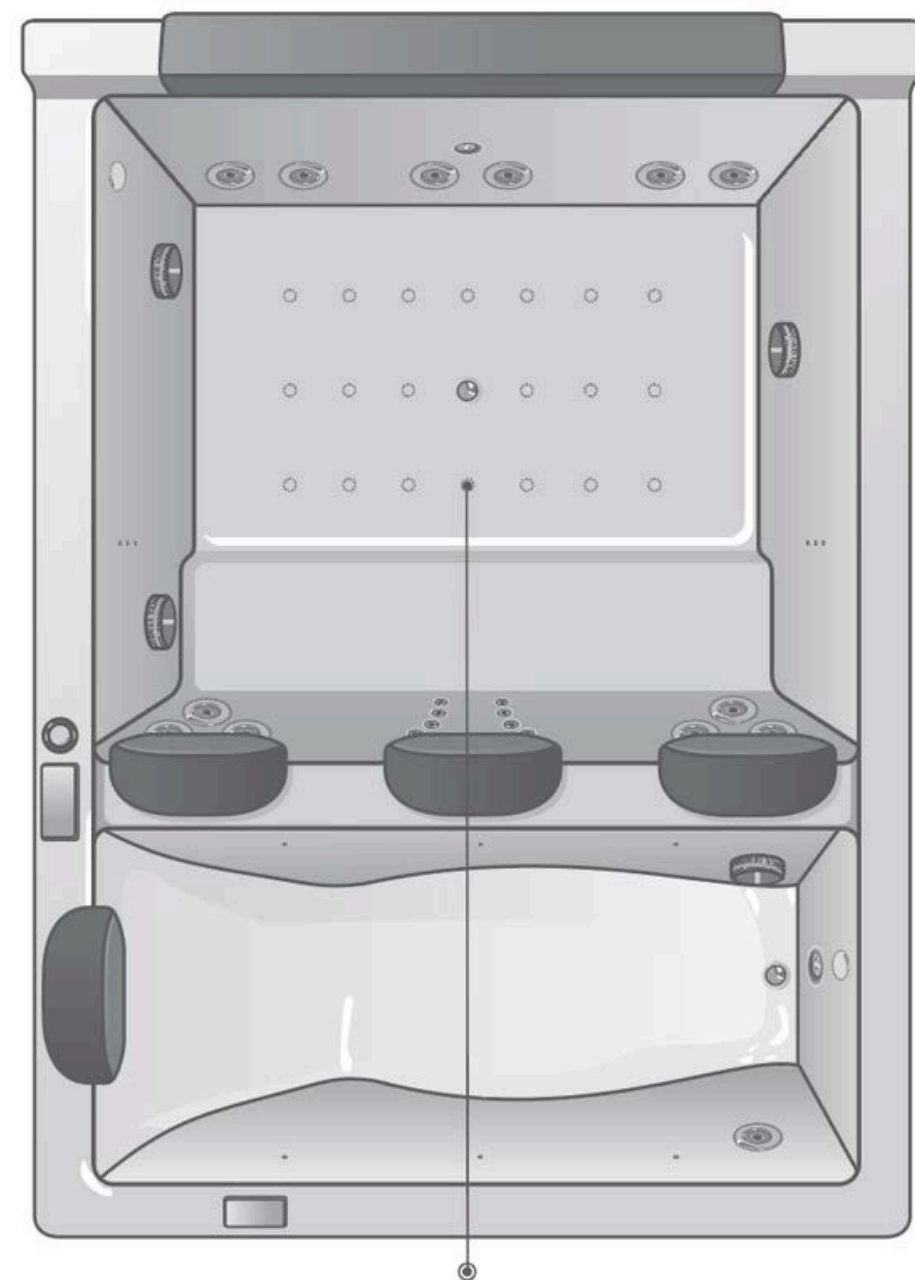
- Chronic pain
- Inflammation
- Muscular discomfort

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.



Magnetotherapy

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CHROMOTHERAPY (Optional)

CHROMOTHERAPY

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

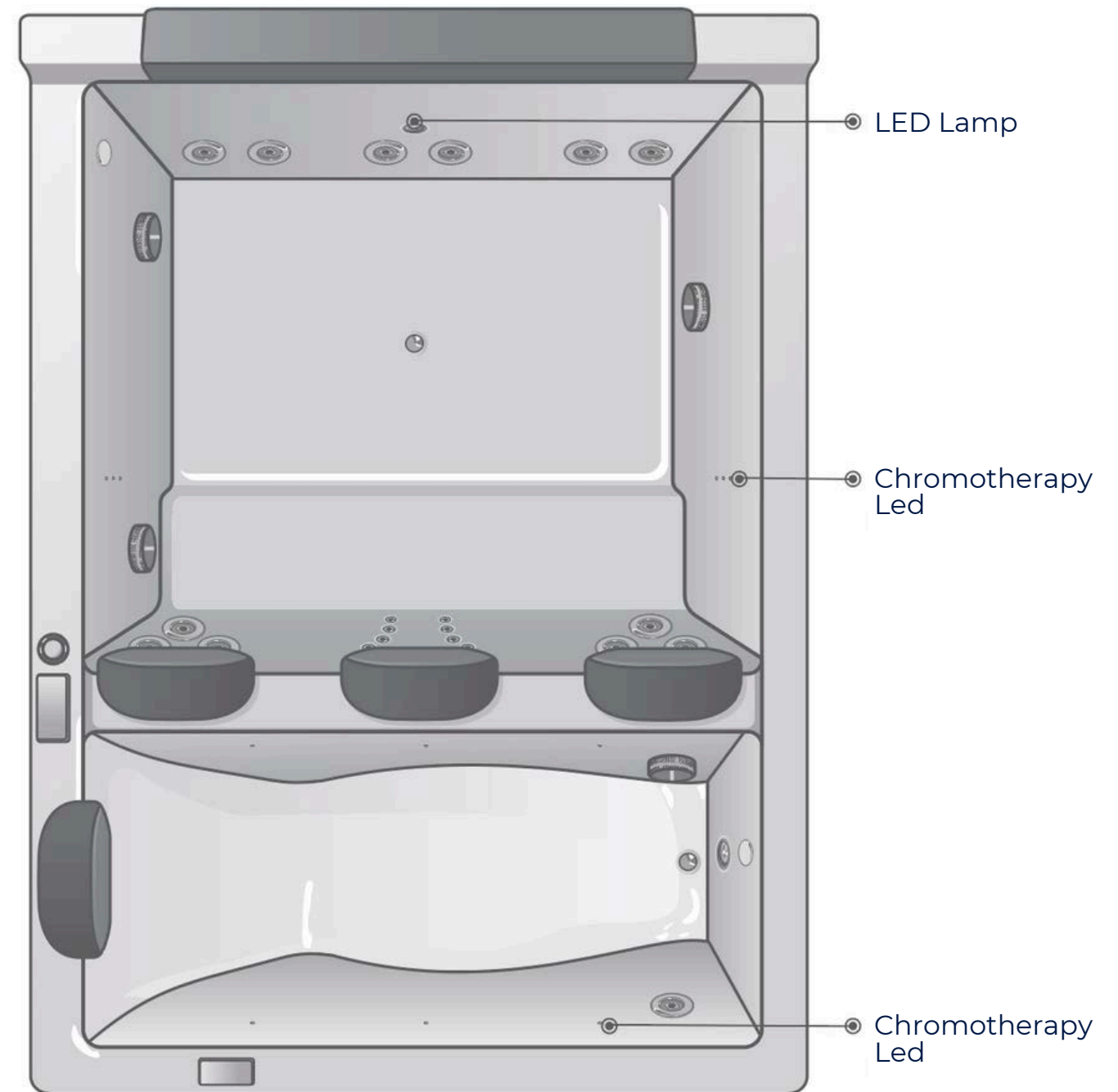
- Each color frequency generates different sensations of **relaxation, balance, or energy**.

SYSTEM FEATURES:

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



5 Available LED
Light Colors



HOT TUB DUAL FALLS

SENSORY CONTRAST THERAPY

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.



Suction Intake

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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.

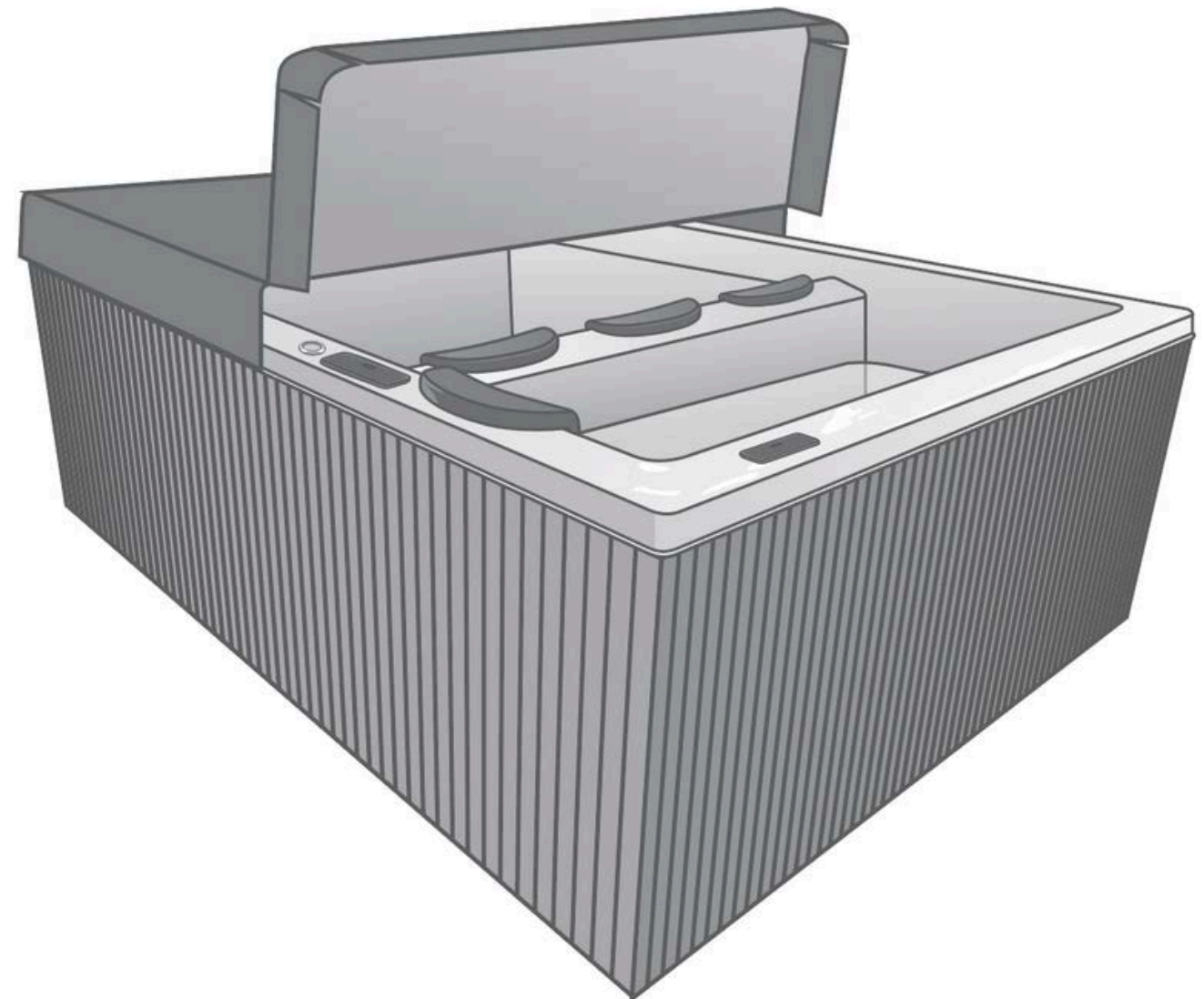
USAGE GUIDELINES:

- 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.



HOT TUB DUAL FALLS

SENSORY CONTRAST THERAPY

WATERFALL SYSTEM

WATERFALL

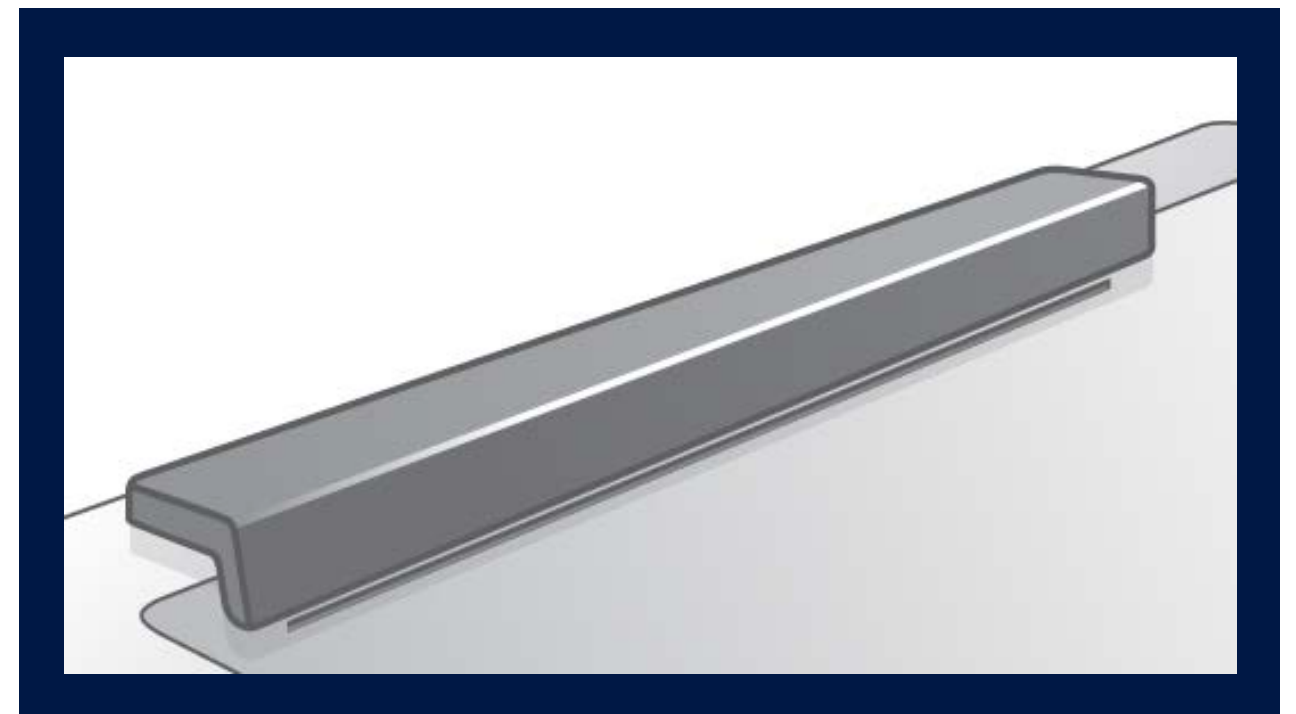
The **waterfall feature** is a key design element that contributes to the **harmonious aesthetic and sensory appeal** of the Hot Tub Falls, creating a relaxing and visually distinctive water flow experience.

SYSTEM COMPONENTS

- **Synthetic leather headrest** covering the waterfall structure
- **Water outlet grille**
- **Drain jet**
- **Jets 2 control button** (used to operate the waterfall)

OPERATING MODE

- **First press** of the Jets 2 button: no action is triggered.
- **Second press** of the Jets 2 button: the **waterfall is activated**.
- **Third press** of the Jets 2 button: the **waterfall is deactivated**.



Important: Do not obstruct the **suction jet** located **directly below** the water outlet grille. Blocking this inlet may interfere with water circulation and system performance.

HOT TUB DUAL FALLS

SENSORY CONTRAST THERAPY

FILLING AND WATER LEVEL

FILLING AND WATER LEVEL

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

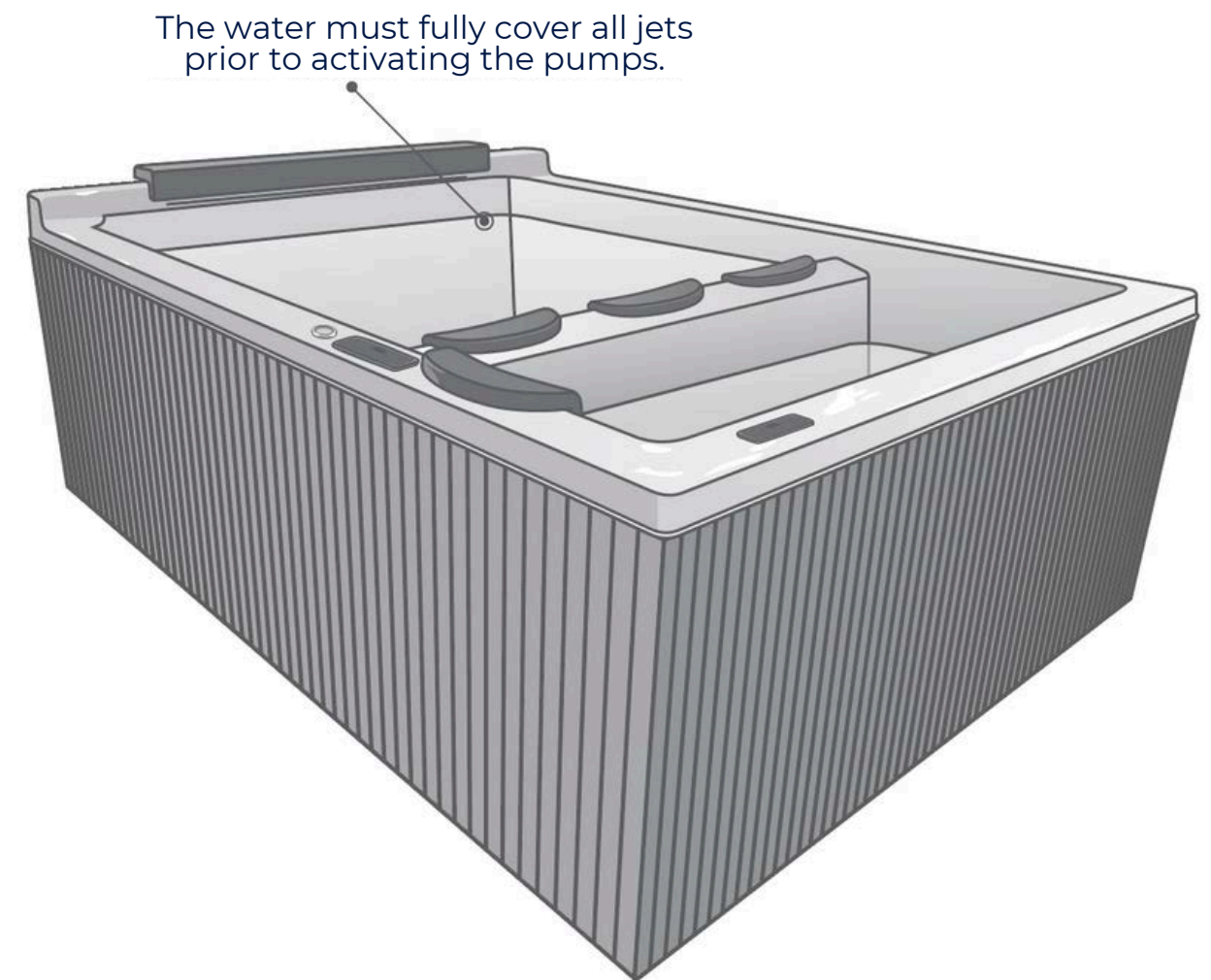
FILLING INSTRUCTIONS:

- 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.



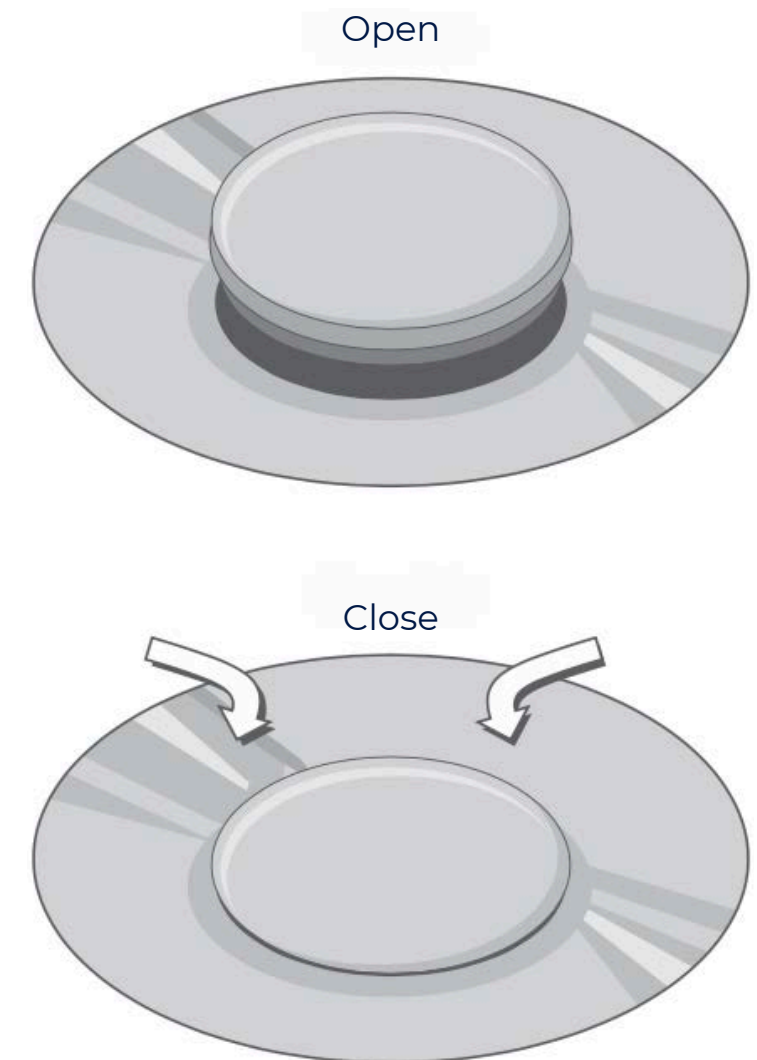
DRAINAGE

To drain the unit, activate the **push-type drain button** located at the bottom of the hot tub. This mechanism allows the drain to open and close through direct pressure.

TECHNICAL RECOMMENDATIONS:

- Always maintain the **recommended operational water level** to ensure continuous hydration of the **Sensacryl acrylic layer** and the **perimeter hydraulic system**.
- If the unit will remain **out of operation for an extended period**, it is advisable to **completely dry the internal system** after draining to prevent moisture retention.

An efficient drainage system contributes to the **longevity of internal components** and minimizes the risk of **residue buildup, trapped moisture, or bacterial growth**.

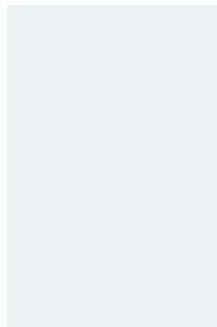


HOT TUB DUAL FALLS

SENSORY CONTRAST THERAPY

ACRYLIC AND CABINET COLORS

AVAILABLE ACRYLIC COLORS:



White

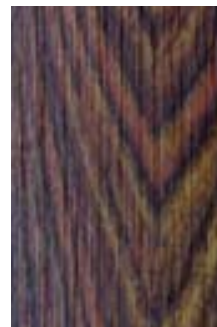
AVAILABLE CABINET FINISHES:



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.



HOT TUB DUAL FALLS

SENSORY CONTRAST THERAPY

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.

AQUASPA

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CONTACT INFORMATION:

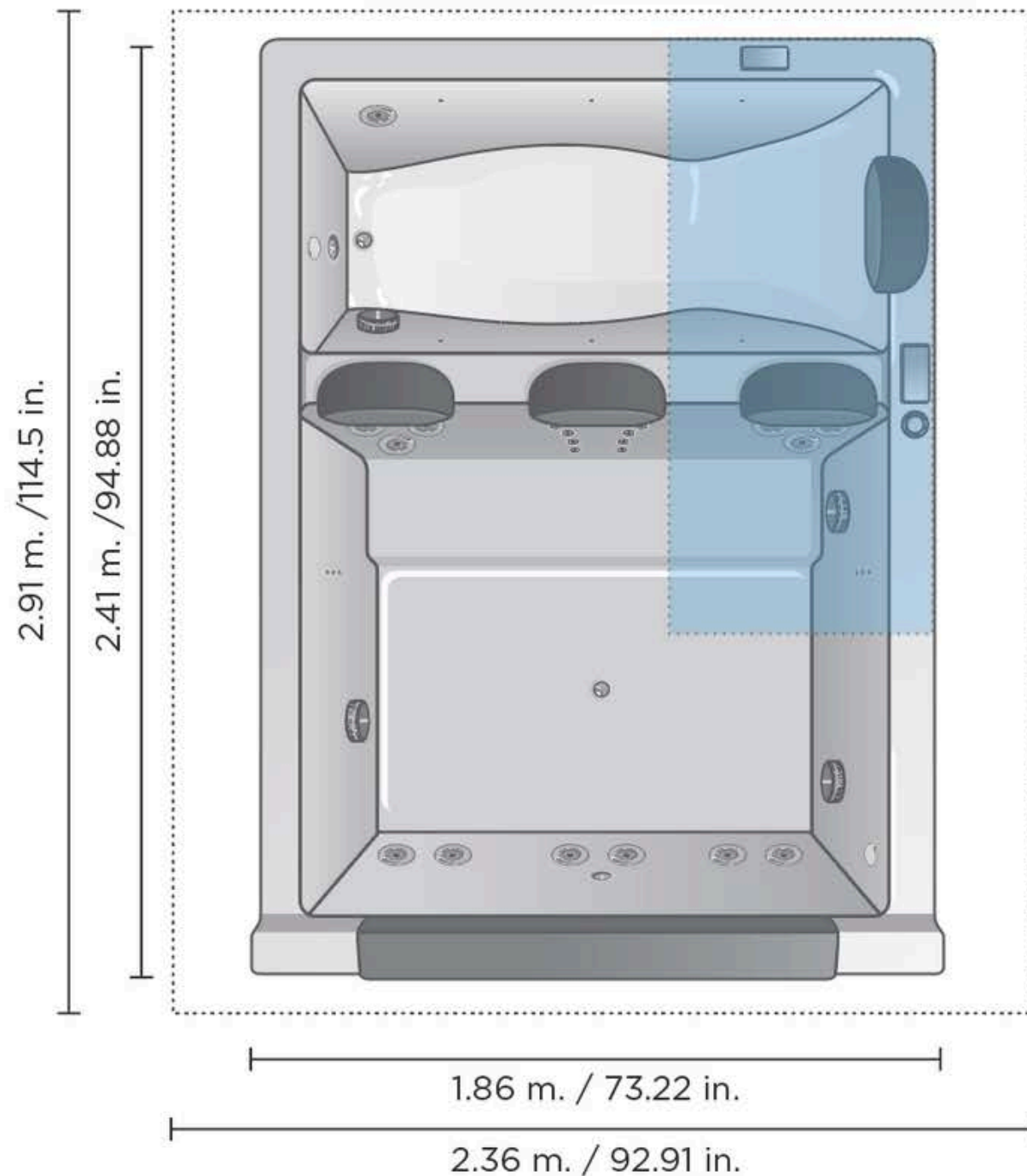
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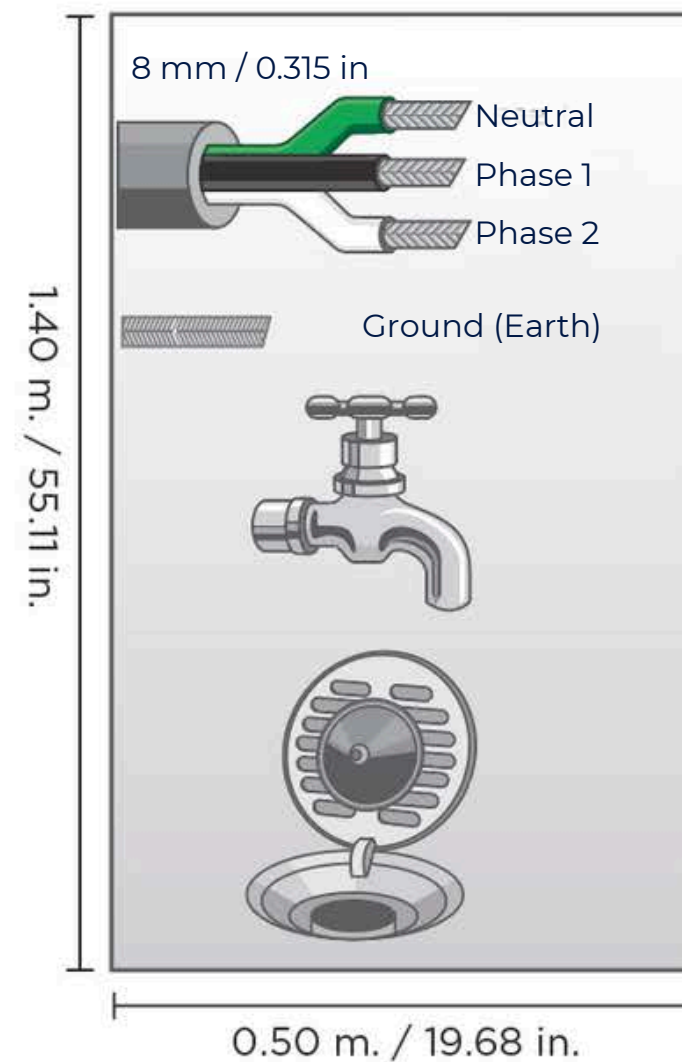
DIMENSIONS & CAPACITY

Rigid concrete slab
to support the hot tub



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**.

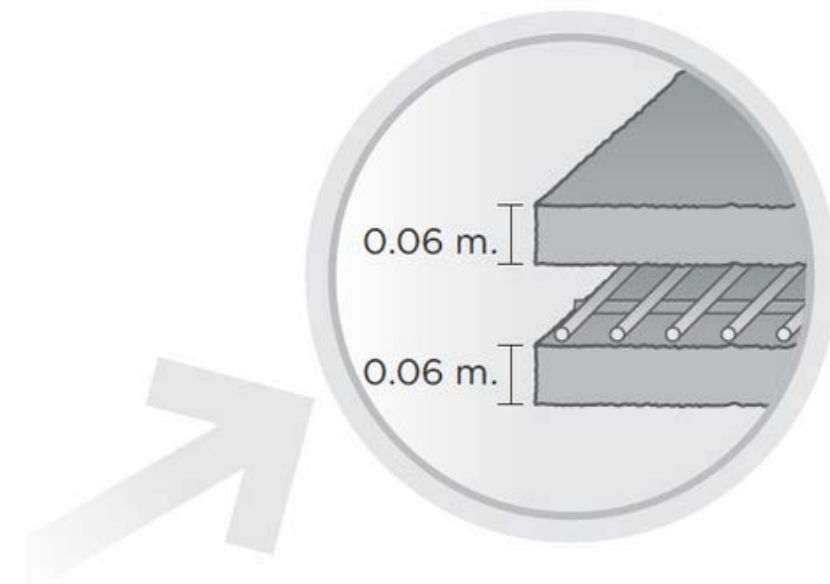
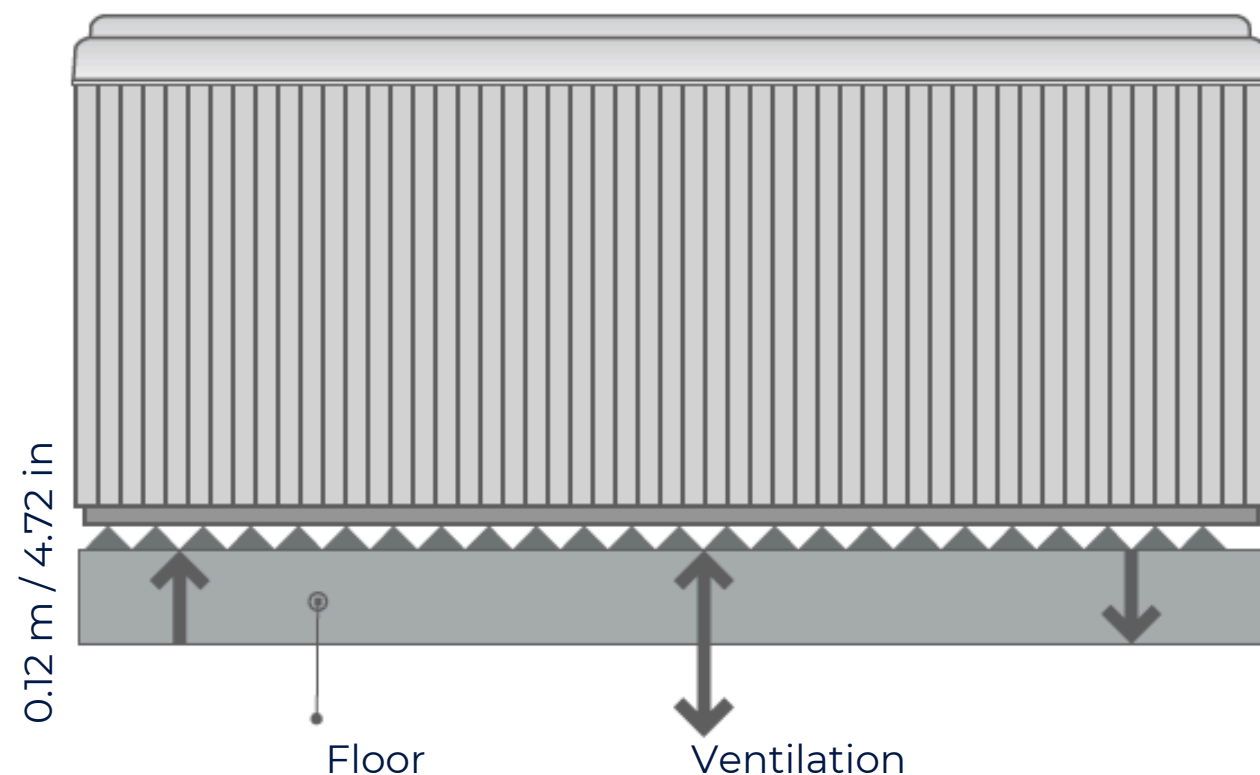
HOT TUB DUAL FALLS

SENSORY CONTRAST THERAPY

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**.

HOT TUB DUAL FALLS

SENSORY CONTRAST THERAPY

DIMENSIONS & CAPACITY

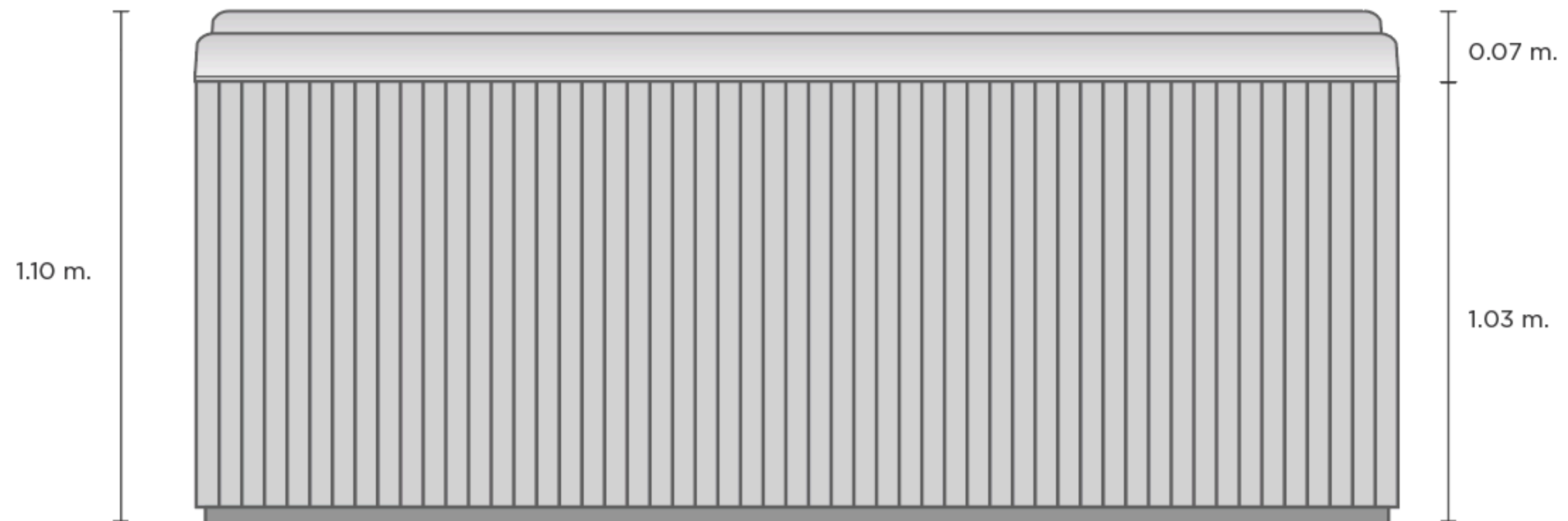
DIMENSIONS & CAPACITY

EXTERNAL DIMENSIONS:

- **Width:** 2.41 m / 94.88 in
- **Length:** 1.86 m / 73.22 in
- **Depth:** 0.62 m / 24.40 in
- **Total Height:** 1.10 m / 43.31 in

CAPACITY:

- **Water capacity:** 1,300 Liters / 343.42 Gallons
- **Dry Weight (empty tub):** 550 kg / 1,212.54 lb
- **Total Filled Weight (including water and users):** Approx. 3,540 kg / 7,804.36 lb



HOT TUB DUAL FALLS

SENSORY CONTRAST THERAPY

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.

HOT TUB DUAL FALLS

SENSORY CONTRAST THERAPY

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:

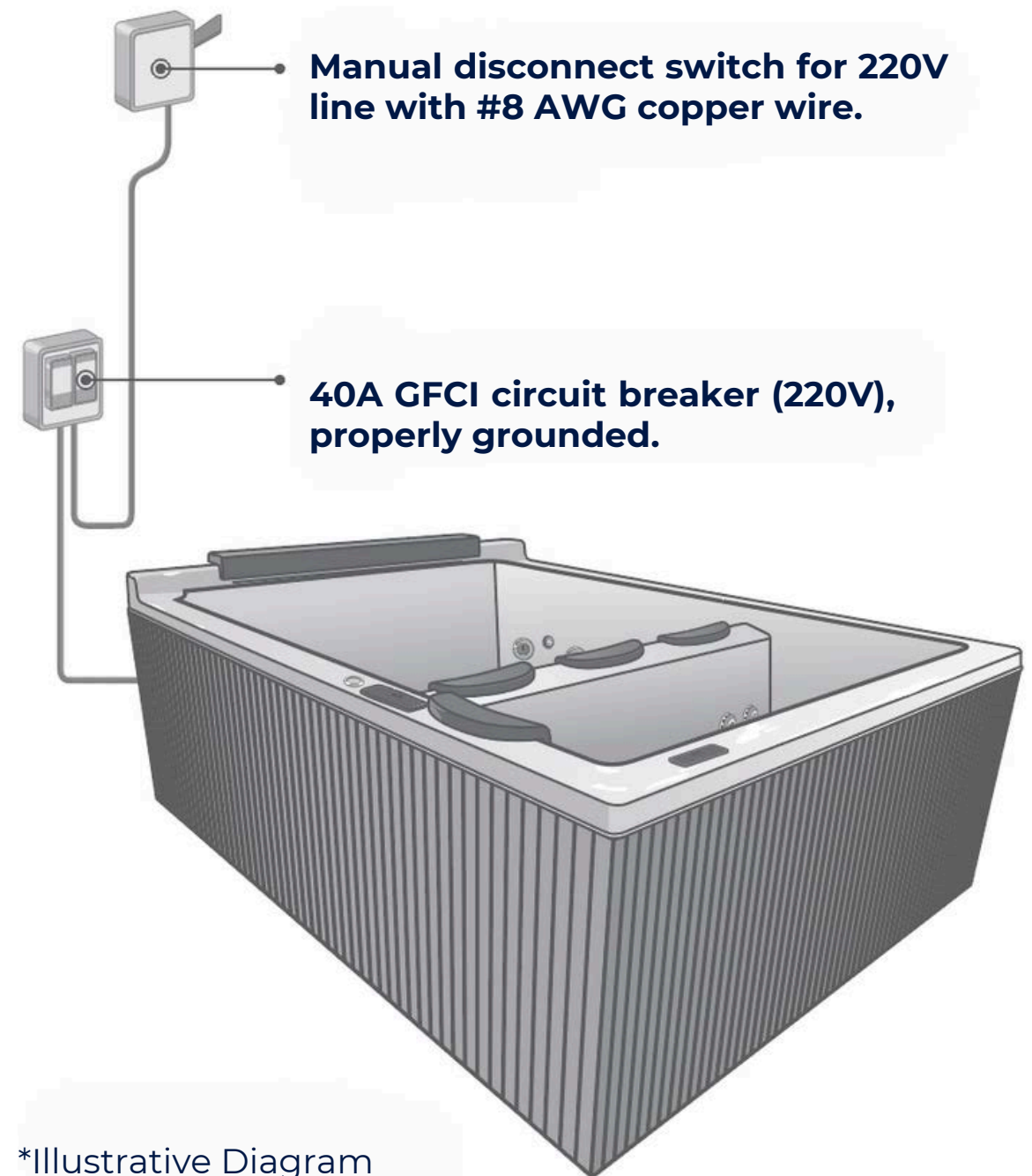
- **Permanent, fixed installation directly wired to the power source.**
- Use **#8 AWG copper wire** with suitable exterior-rated insulation.
- Physical grounding connected to a **copperweld grounding rod**.
- Protection gainst moisture, splashes, and infiltration.



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.



*Illustrative Diagram

HOT TUB DUAL FALLS

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ELECTRICAL POWER SUPPLY & INSTALLATION

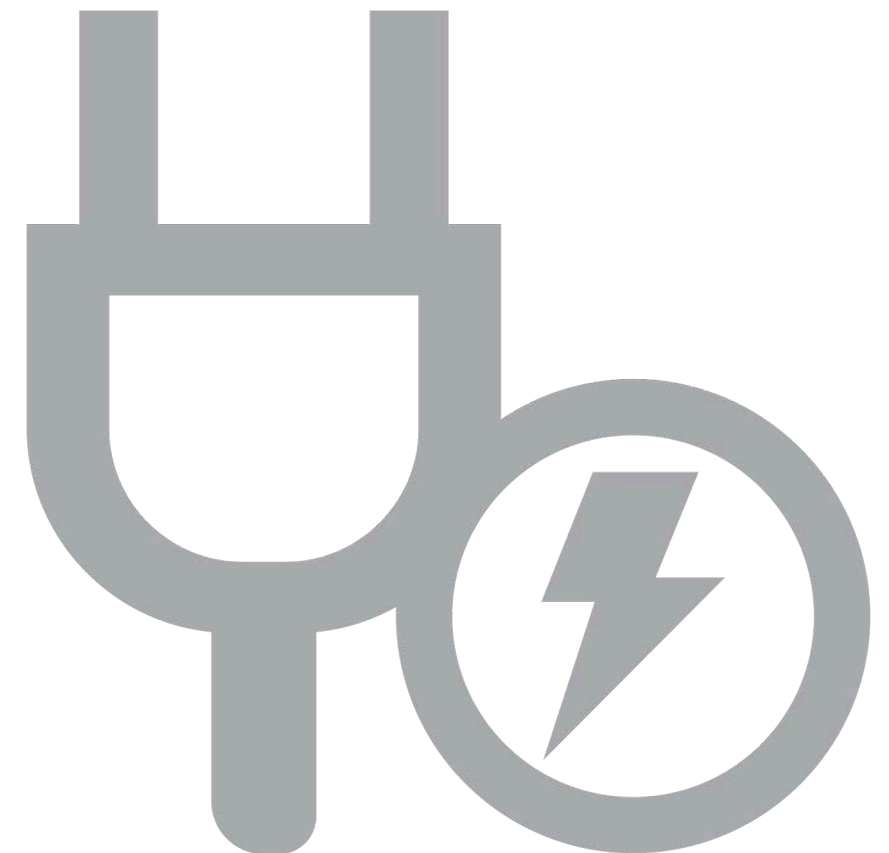
ELECTRICAL POWER SUPPLY & INSTALLATION

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.



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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:

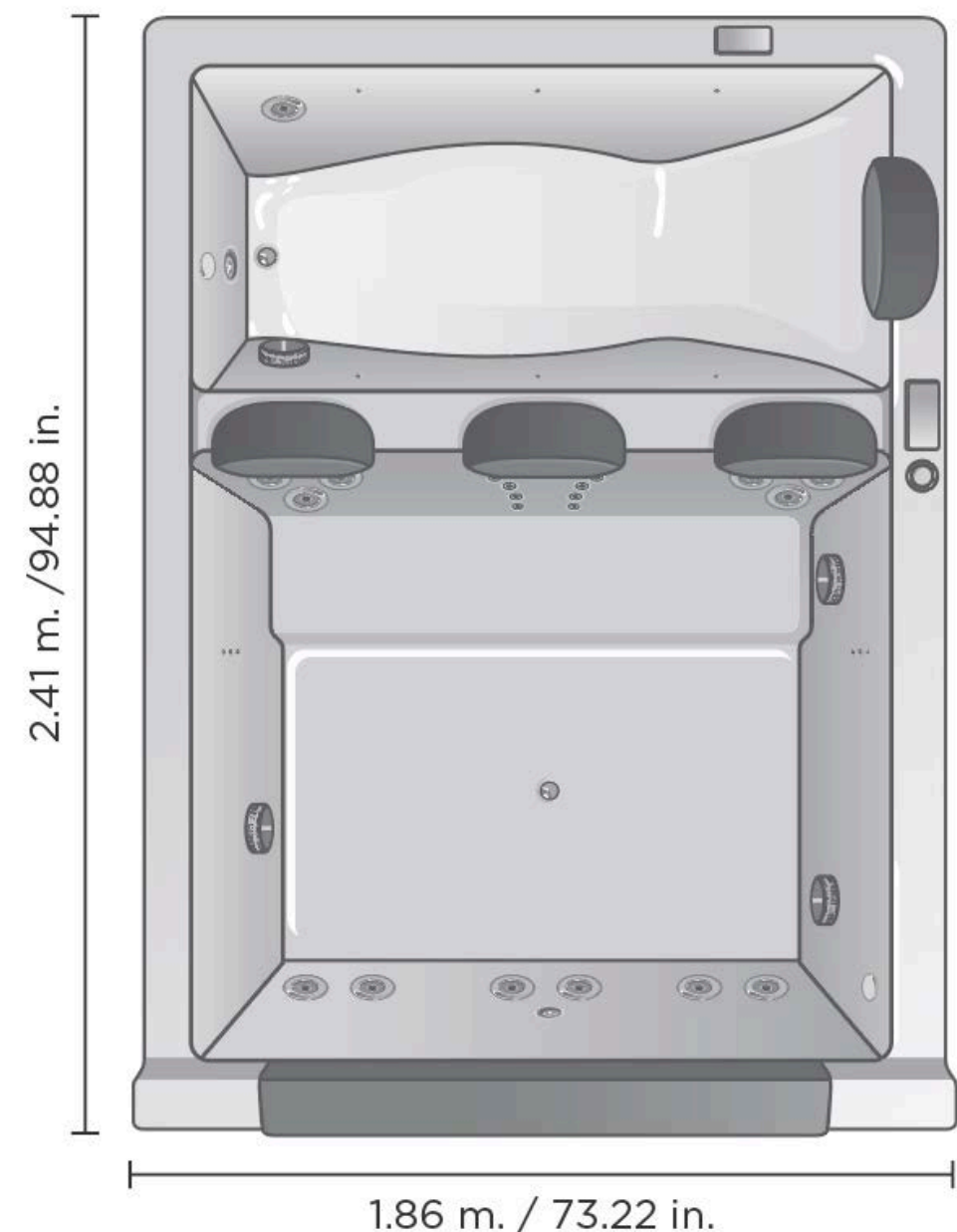
- Constructed with 1 1/4" x 1/8" reinforced steel angle
- Custom-designed to fit the spa perimeter
- Pre-assembled and installed at the factory
- Includes an access compartment for technical service

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.



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FACTORY NOTES

FACTORY NOTES

At **AQUASPA**, each tub is individually manufactured using a high-precision thermoforming process, ensuring quality and attention to detail. For this reason, **slight variations** in dimensions, colors, textures, or finishes may occur depending on the model or production batch.

We recommend **physically receiving and inspecting the tub before installation** to ensure proper fit and avoid modifications on-site. Your tub is not a generic product—it is **specially crafted for you**.

IMPORTANT:

- The images in this manual are for illustrative purposes only.
- For safety, always **disconnect the spa from the electrical power source**:
 - During maintenance
 - When the water level is below the minimum
 - If the spa will not be used for an extended period

WATER TEMPERATURE:

The spa temperature can range between **35°C and 45°C (95°F to 113°F)** depending on weather conditions and the electrical installation type.

In the **cold plunge zone**, the temperature **must not fall below 4°C (39.2°F)** to ensure user safety.



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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**.



USER MANUAL

AQUASPA

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