



CASA BLU

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ASTRA

# GENERAL INFORMATION

## CASA BLUI – ASTRA

**Capacity:** 6 people

**Seating positions:** 6 positions

**Dimensions:** 91" x 87" x 38"

Discover Astra, a spacious sanctuary wrapped in satin-finished aluminum cladding, designed to create a bold architectural statement in any outdoor setting. Its lustrous exterior captures the light, producing a subtle sheen that pairs beautifully with natural elements like wood, stone, or concrete.

Generously proportioned for up to six people, Astra's interior is crafted for connection. Deep corner seating and a wide footwell foster easy conversation, while an immersive array of jets delivers a balanced, full-body massage. We prioritize your well-being with advanced filtration technology designed to maintain crystal-clear water, ensuring every soak is fresh and pristine. With soft LED ambiance and intuitive touch controls, you can effortlessly set the mood for relaxation.

With its durable metal finish and modern elegance, Astra transcends the traditional hot tub—it is a centerpiece of design that turns your outdoor space into a shared daily wellness ritual.

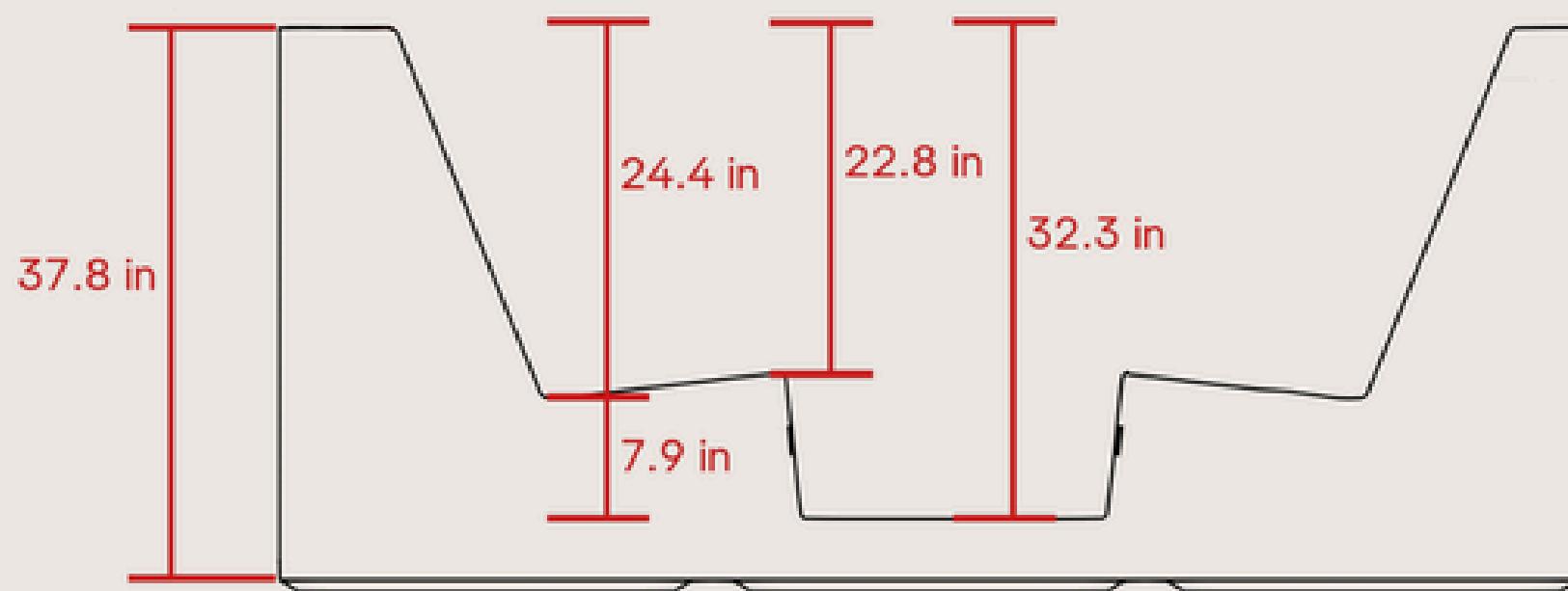
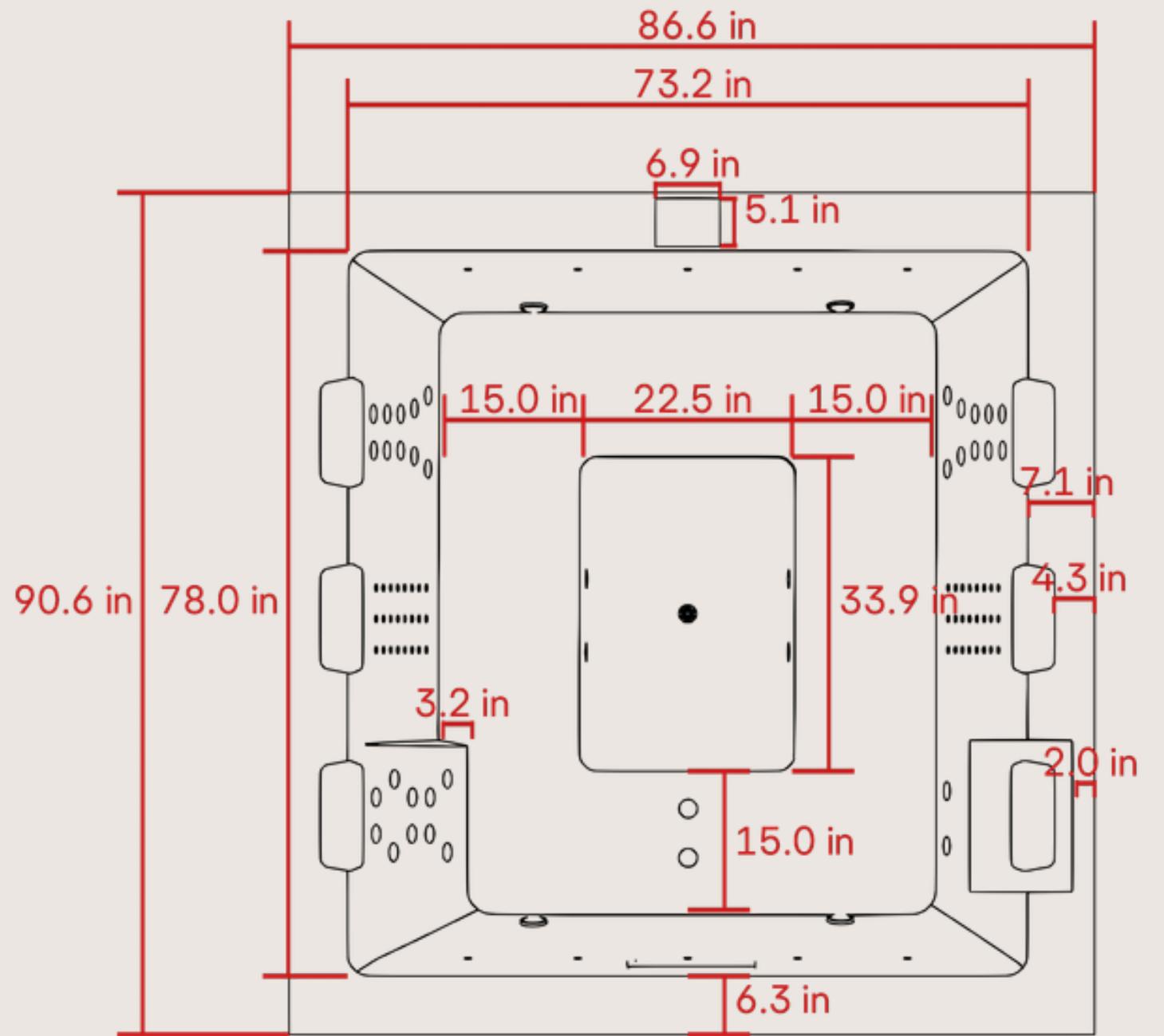


# TECHNICAL SPECIFICATIONS

<b>Dimensions:</b>	91" x 87" x 38"
<b>Water Capacity:</b>	1440 L
<b>Dry Weight:</b>	620 lbs
<b>Filled Weight:</b>	3800 lbs
<b>Power Requirement:</b>	50A - 220V/60Hz
<b>Water Massage Pump:</b>	2 HP + 3 HP
<b>Circulation Pump:</b>	0.5 HP
<b>Water Heater:</b>	5.5 kW
<b>Filter Type:</b>	Cartridge
<b>Display:</b>	2 pcsBalboa SpaTouch 4



# TECHNICAL DRAWINGS



# KEY FEATURES & BENEFITS

## **Ergonomic Seating Configuration**

One full-body lounge plus five upright seats with multiple hydrotherapy settings for the best experience.

## **Massage System**

16 directional jets, 14 rotational jets and 48 micro deliver targeted relief from neck to calves.

## **Smart Control & Connectivity**

Intuitive touch-panel operation with optional Wi-Fi Spa Control for remote scheduling and diagnostics.

## **Advanced Water Care**

Premium UV treatment and ozonator keep water crystal-clear with minimal chemical use.

## **Thermal Efficiency**

Special Insulation System and eco-efficient cabinet reduce heat loss by up to 25%, lowering operating costs.

## **Customizable Ambience**

Color sense LED lighting package.

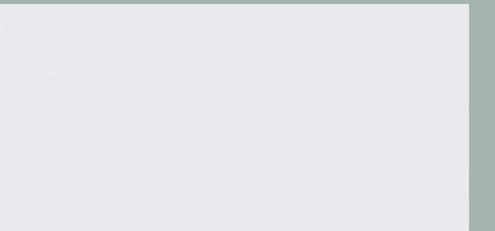


# JET POSITION REFERENCE



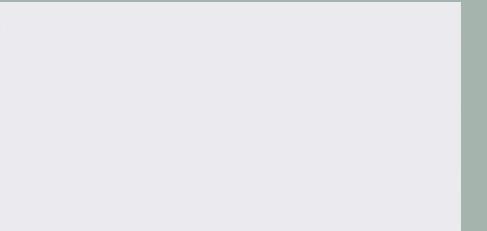
# FINISHES & OPTIONS

## *Interior Cabinet*



**White**

## *Aluminum Cabinet*



**White**



**Dark Gray**



# PRE INSTALLATION REQUIREMENTS

## **Delivery access & clearance**

Ensure there's a clear path from the street/front door to the final spa location with at least ~15" extra clearance, and confirm if any special equipment (e.g., crane/forklift) is needed. This prevents last-minute logistics failures and damage during handling.

## **Structural foundation**

The site must be level, structurally sound, and preferably a reinforced concrete pad  $\geq 4"$  thick (with rebar/wire mesh), proper slope for runoff ( $\leq \frac{1}{2}"$  over 8 ft), and free of hollows/bumps. It must be able to sustain 6000 lbs. This protects the shell and plumbing from torsion and uneven loading over time.

## **Service clearances**

Maintain ~20" around all four sides; for built-ins, include removable panels for full service access. Adequate working room is essential for future maintenance, leak checks, and component replacement without demolition.

## **Electrical supply & protection**

Provide a dedicated 220–240 V, 60 Hz single-phase circuit with a 50–60 A breaker per spec, copper conductors of the correct gauge, and clear access to the main breaker or GFCI disconnect. Proper power sizing and protection are critical for heater/pump performance and user safety.

## **Drainage & ventilation (built-in)**

Oninstall a 1.5" drainage hose for controlled emptying and at least two ~5.9" diameter vents to extract heat/moisture from the equipment bay. This prevents moisture accumulation, protects electronics, and aids thermal performance.

# INSTALLATION REQUIREMENTS

## **Electrical safety & configuration**

Verify a dedicated 50–60 A breaker, correct cable gauge for run length, secure F+N+T terminations, proper earth/ground, 230 V  $\pm 10\%$  at the conduit, correct control-box DIP settings, and Group-2 output at 230 V. This prevents nuisance trips, under-voltage heating issues, and safety hazards.

## **Load & serviceability of the installation**

Confirm the spa is level on a surface designed to bear full operating weight, maintain ~20" service clearance on all sides, and provide drainage for splash/leak water. This protects the shell/plumbing from stress and ensures future maintenance access.

## **Hydraulic integrity**

Open and lock all gate valves and inspect thoroughly for leaks under/inside the cabinet. Catching leaks now avoids damage to electrics, framing, and finishes.

## **Water chemistry baseline**

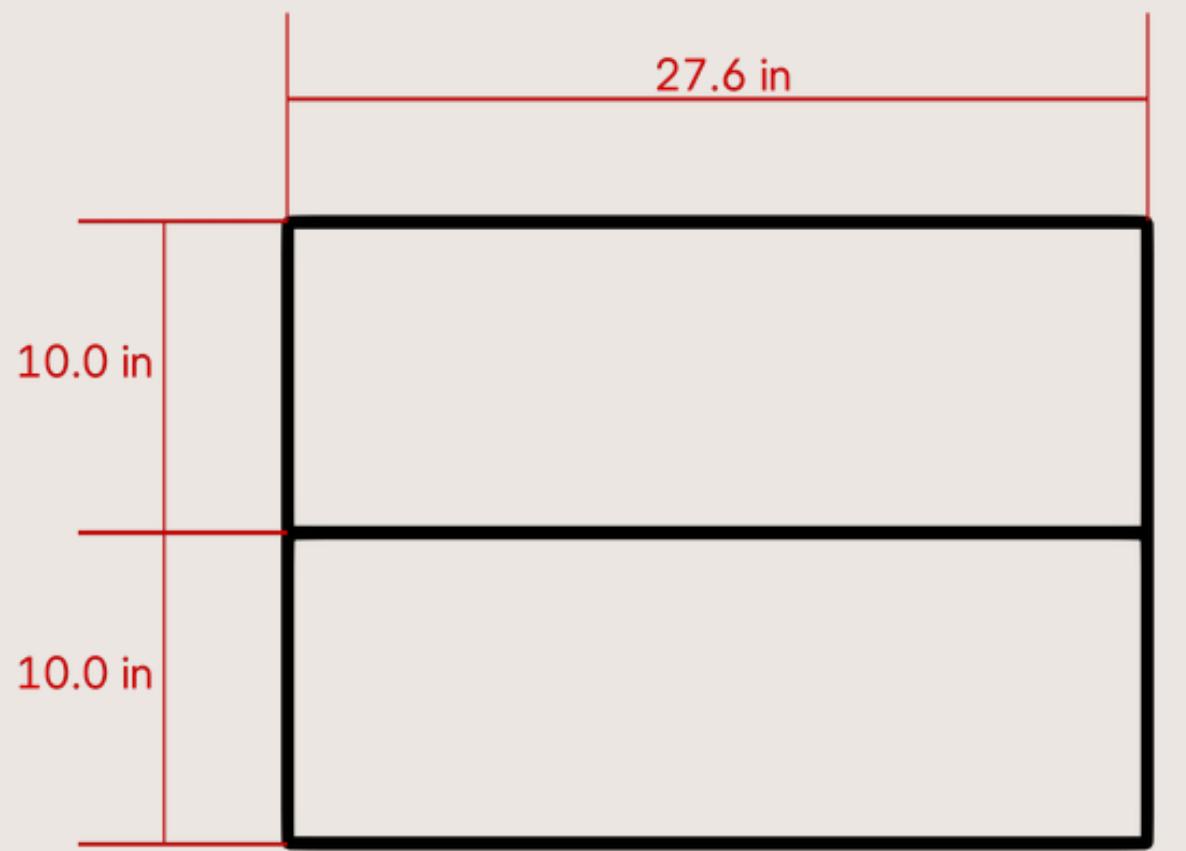
Fill from the top (or through the filter), set pH to 7.2–7.6, and ensure disinfectant is in range (Cl: 0.5–1.5 ppm; Br: 2.2–3.3 ppm). Proper start-up chemistry protects surfaces, seals, and bathers, and stabilizes commissioning.

## **Functional verification under load**

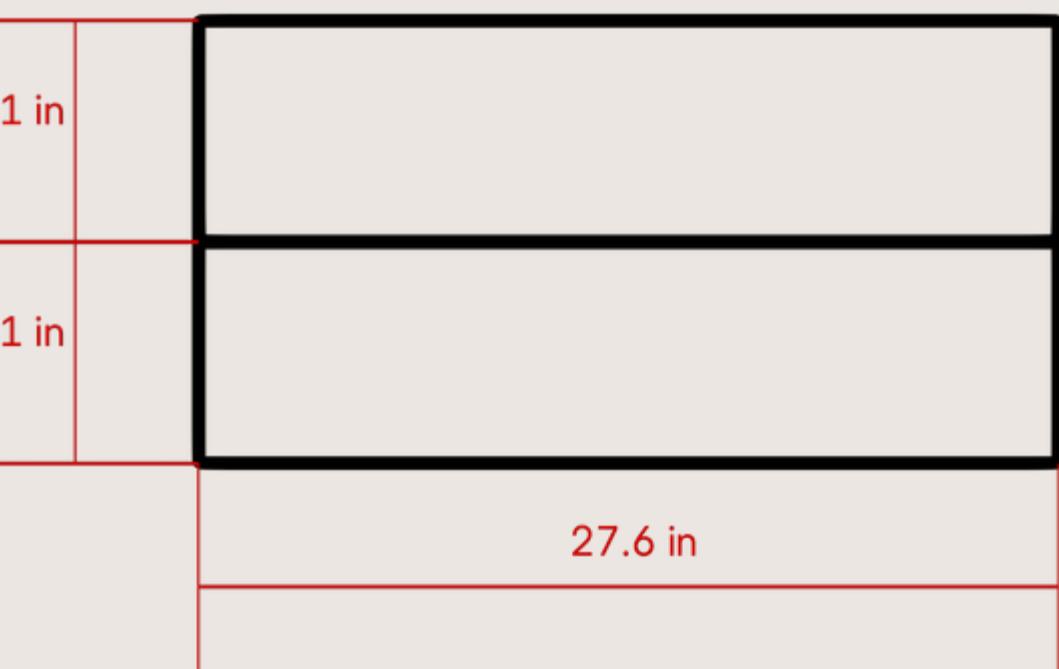
Check jets (all open, strong flow), venturi valves, control panel (no errors), circulation pump, jet pumps, blower, lights, and UV/ozone system. Confirm total draw (all loads on) does not exceed 50 A. This proves the system performs as specified before handover.

# SPA STEPS

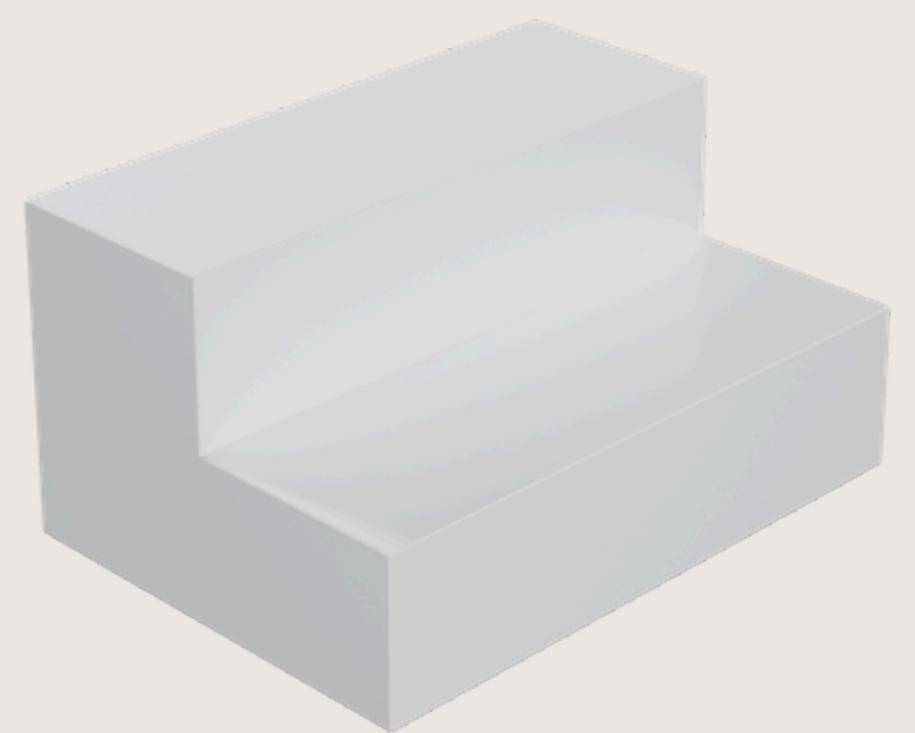
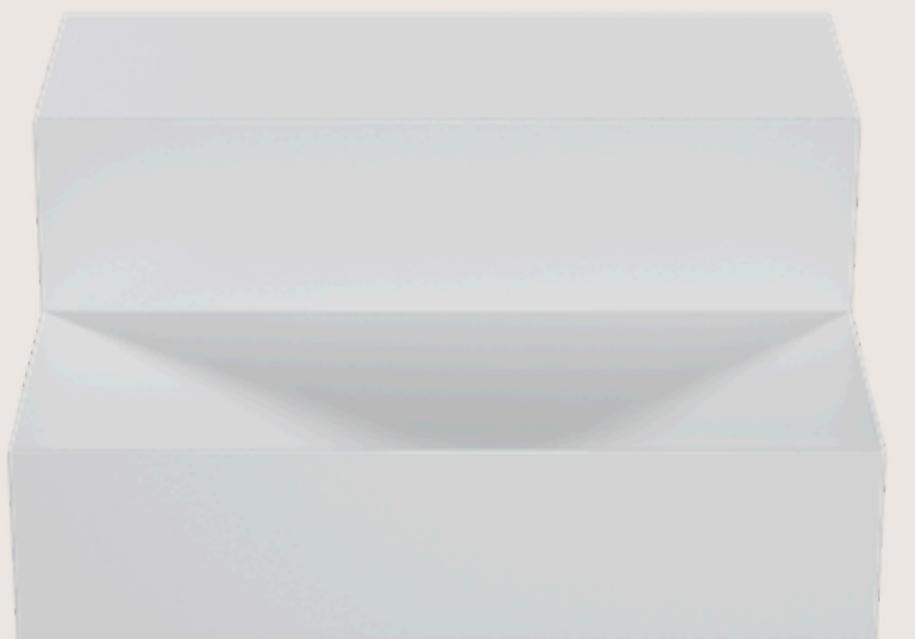
The step provides a stable and secure platform for easy entry and exit from the hot tub. Its durable construction ensures long-lasting performance and safe support. Designed with a simple, functional shape, it complements most hot tub styles.



**TOP VIEW**



**FRONT VIEW**



# STEPS - GALLERY



# CASA BLUI PREMIUM COVER

The **Casa Blui Cover** is a premium, **three-piece, fully detachable** hot tub cover engineered for insulation, weather protection, and daily ease of use. Each of the three panels couples **magnetically**, so you can lift, remove, or re-arrange sections quickly, even in tight spaces.

Beneath the surface, a **tapered high-density EPS core** reduces heat loss, a heat-sealed vapor barrier protects the foam from moisture, and a galvanized steel C-channel adds rigidity.

A perimeter skirt, lockable tie-down straps, reinforced handles, rust-proof zippers, and weep holes round out a cover built for long service outdoors.

White exterior comes with **Gray Vinyl** and the gray ones come with **Gray Fabric** —both designed for heavy weather and easy cleaning.



# WARRANTIES



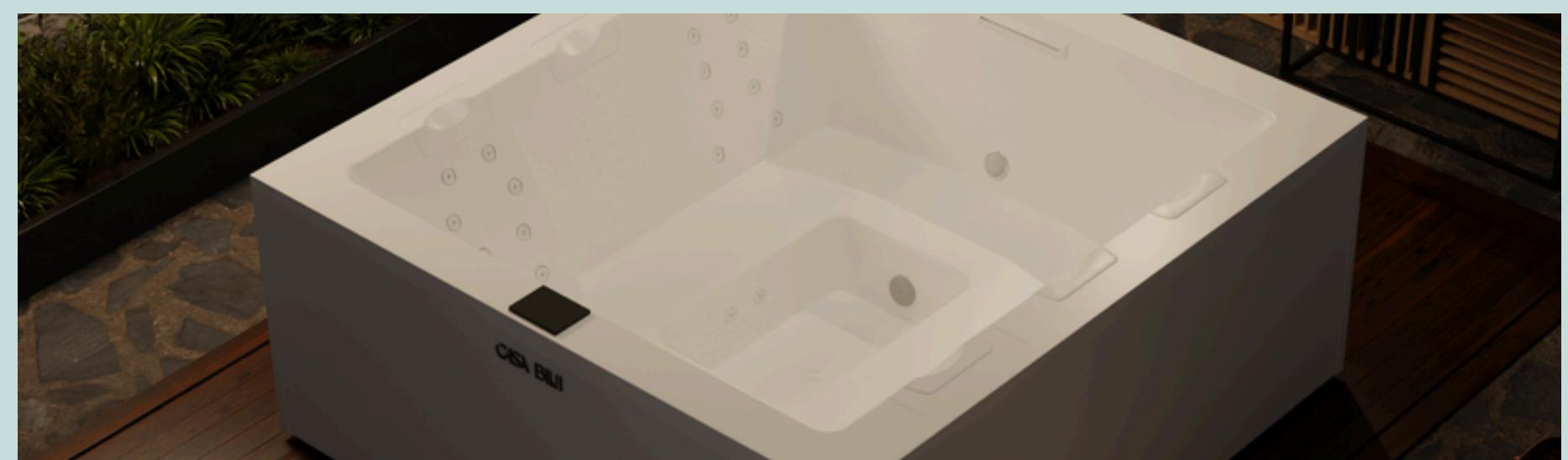
15 Years for Frame



10 Years for Acrylic



2 Years for Components



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