

CASA BIUI

ASTRA SOLID



GENERAL INFORMATION

CASA BLUI – ASTRA

Capacity: 6 people

Seating positions: 6 positions

Dimensions: 105" x 102" x 37.8"

Astra offers a serene, sculpted aesthetic made for outdoor living. Its seamless solid-surface body features refined lines and softened edges that integrate effortlessly into decks or terraces. With its generous 105" x 102" footprint, it feels spacious yet balanced within its surroundings. The interior layout accommodates six, combining deep corner seating, easy access, and a broad central footwell for exceptional comfort.

Seventy-eight precisely placed jets deliver a soothing hydrotherapy experience across the back, legs, and feet, complemented by six supportive headrests. After dark, two floor LEDs fill the water with a tranquil glow, evoking a spa-like atmosphere. The intuitive touchscreen lets you personalize temperature and massage settings instantly.

Maintenance remains simple with an easy-clean shell, ozone-assisted water treatment, and 20 mm insulation. A fitted cover conserves heat efficiently, ensuring that Astra remains ever-ready—a refined centerpiece for peaceful relaxation.





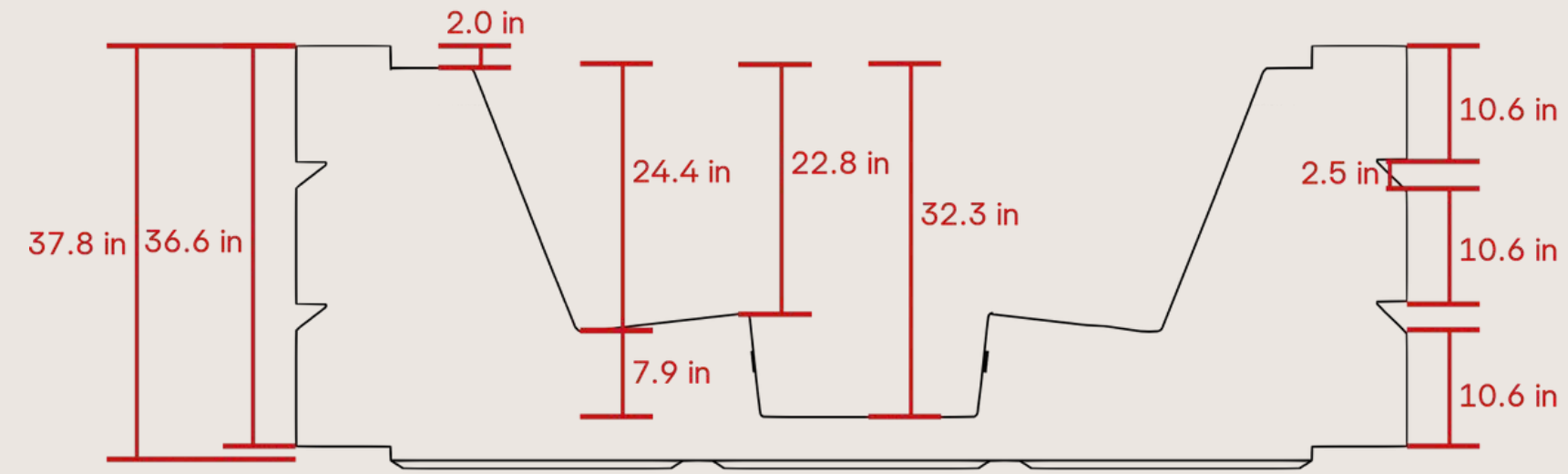
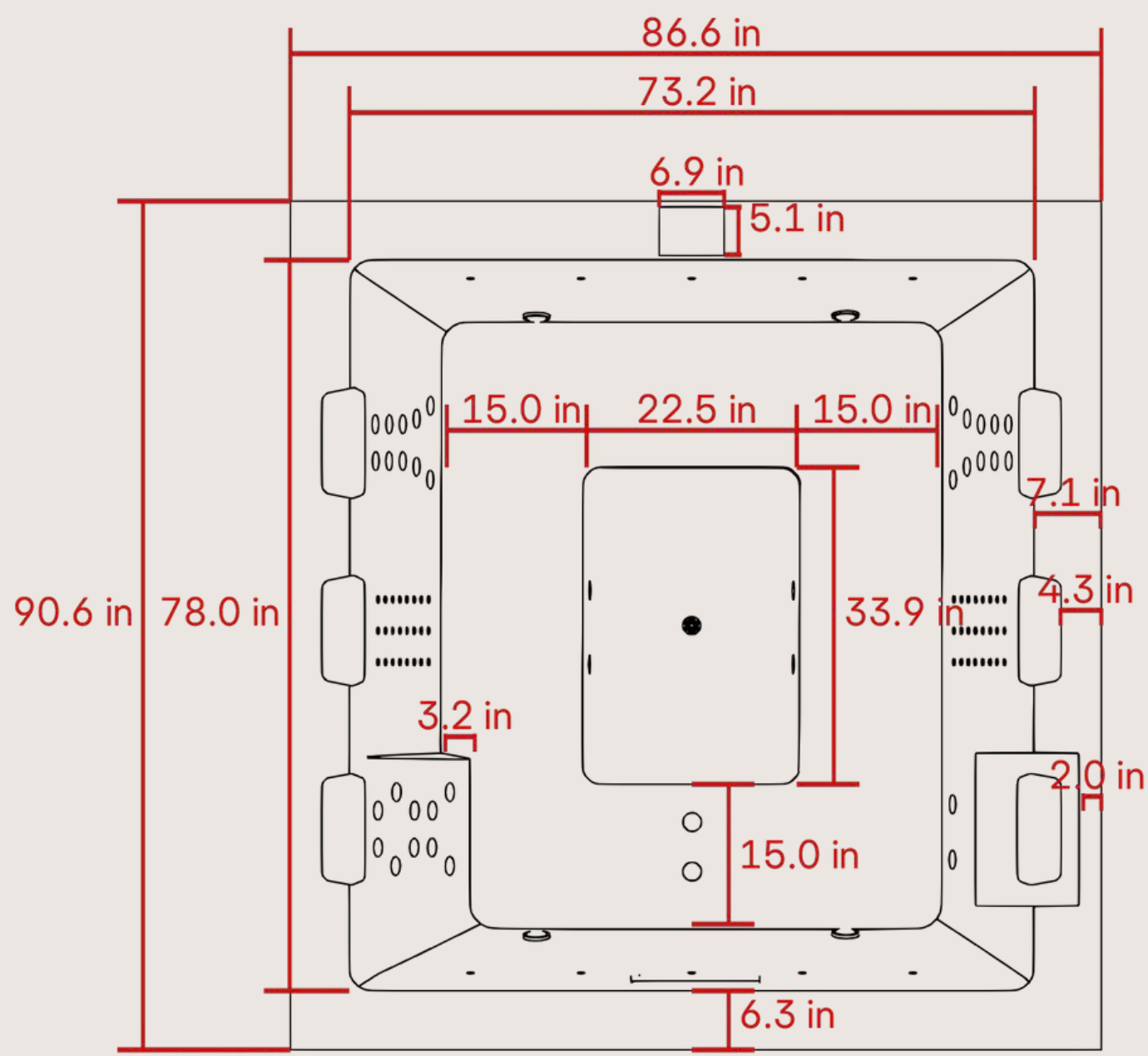
TECHNICAL SPECIFICATIONS

Dimensions w/SF Cabinet:	105" x 102" x 37.8"
Water Capacity:	1350 L
Dry Weight:	2160 lbs
Filled Weight:	5137 lbs
Power Requirement:	50A - 220V/60Hz
Water Massage Pump:	2 HP + 3 HP
Circulation Pump:	0.5 HP
Water Heater:	5.5 kW
Filter Type:	Cartridge
Interior lights:	2 pcs
Display:	Balboa SpaTouch 4

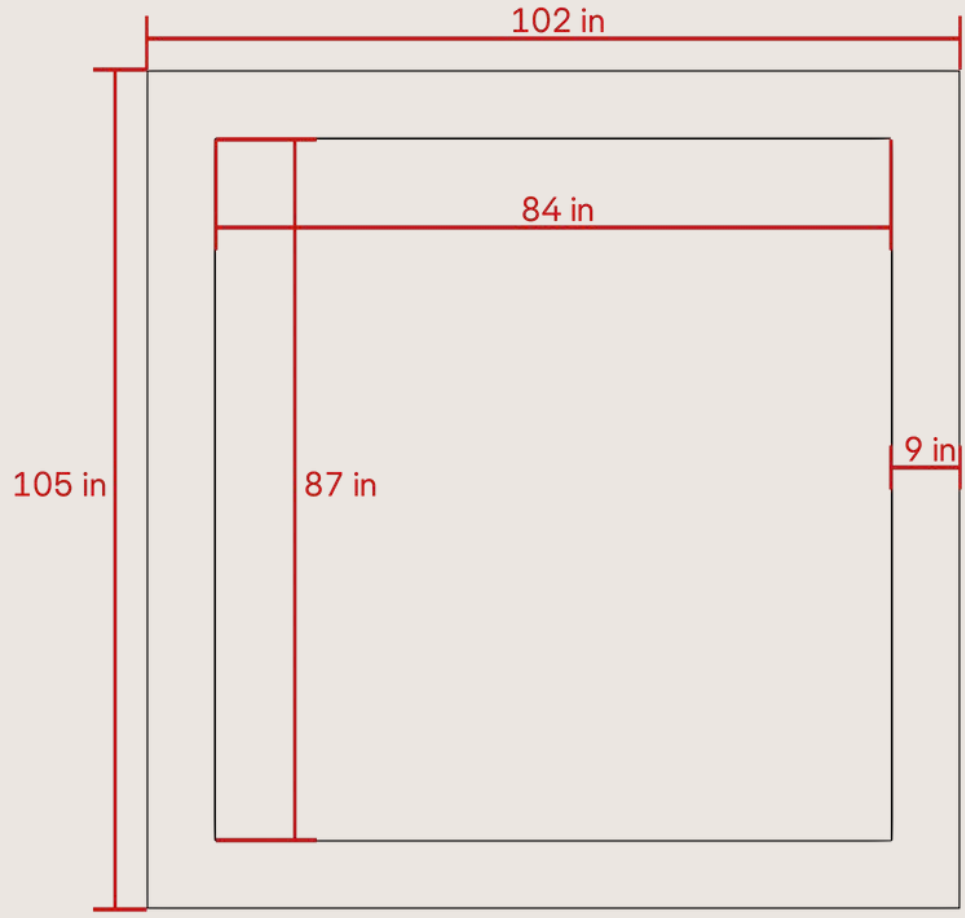




TECHNICAL DRAWINGS



Exterior Solid Surface Cabinet





KEY FEATURES & BENEFITS

Ergonomic Seating Configuration

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

Massage System

With 30 seamless water jets and 48 micro water jets 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.





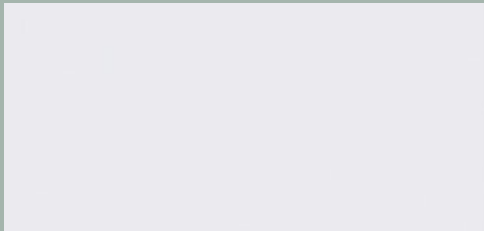
JET POSITION REFERENCE





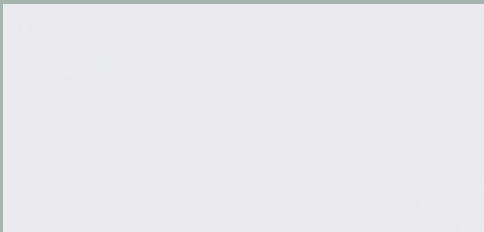
FINISHES & OPTIONS

Interior Cabinet



White

Solid Surface Cabinet



White



Foggy gray



Goose Gray



Beige





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 ≥ 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)

Onstall 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.

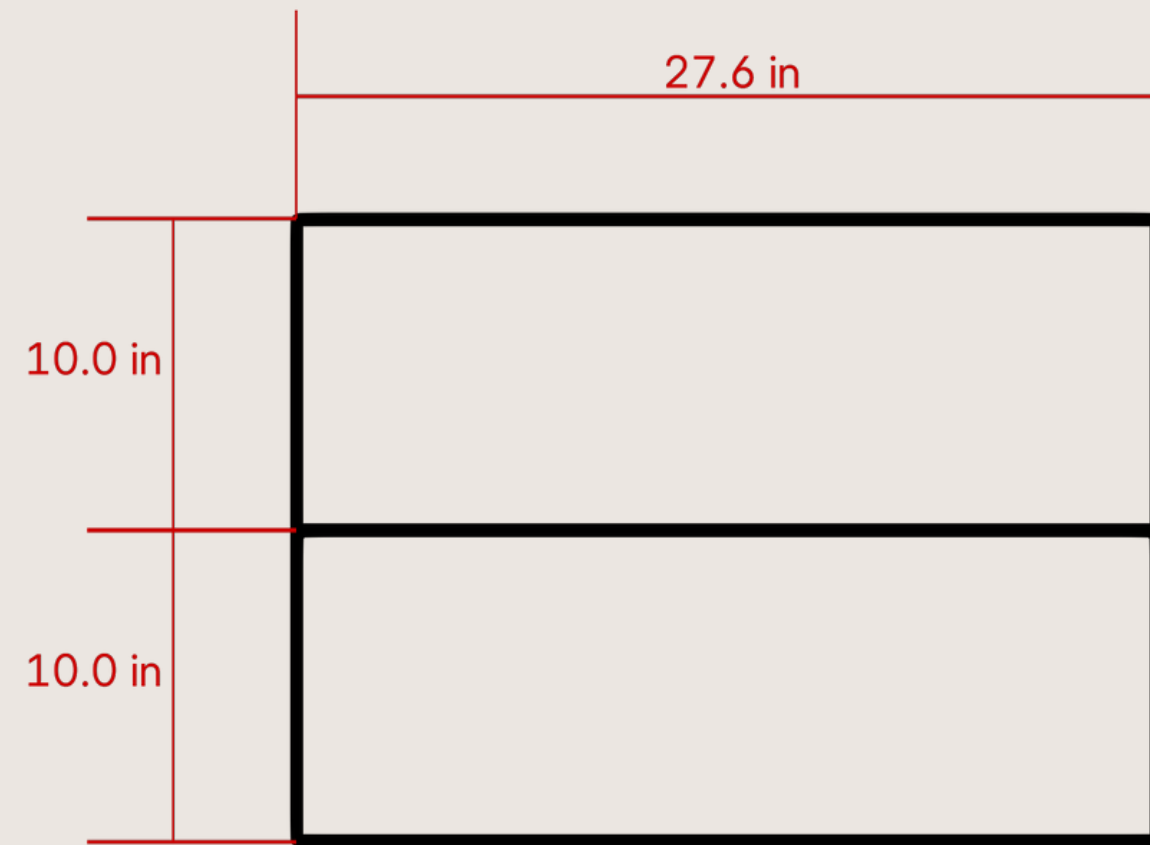
Functional verification under load

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.

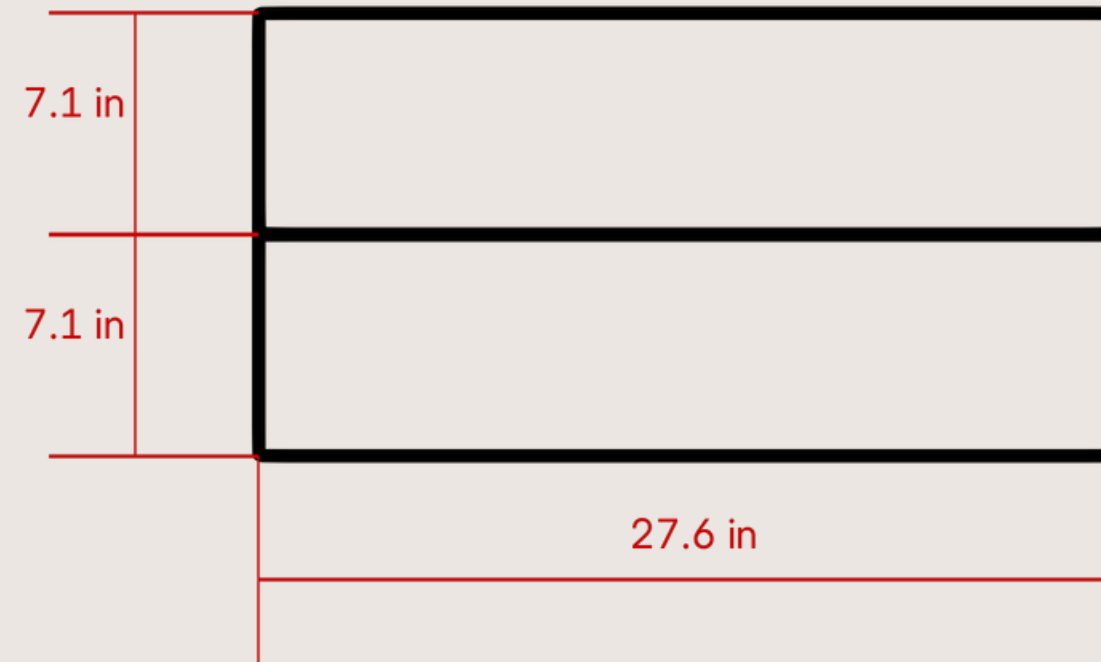


SPA STEPS

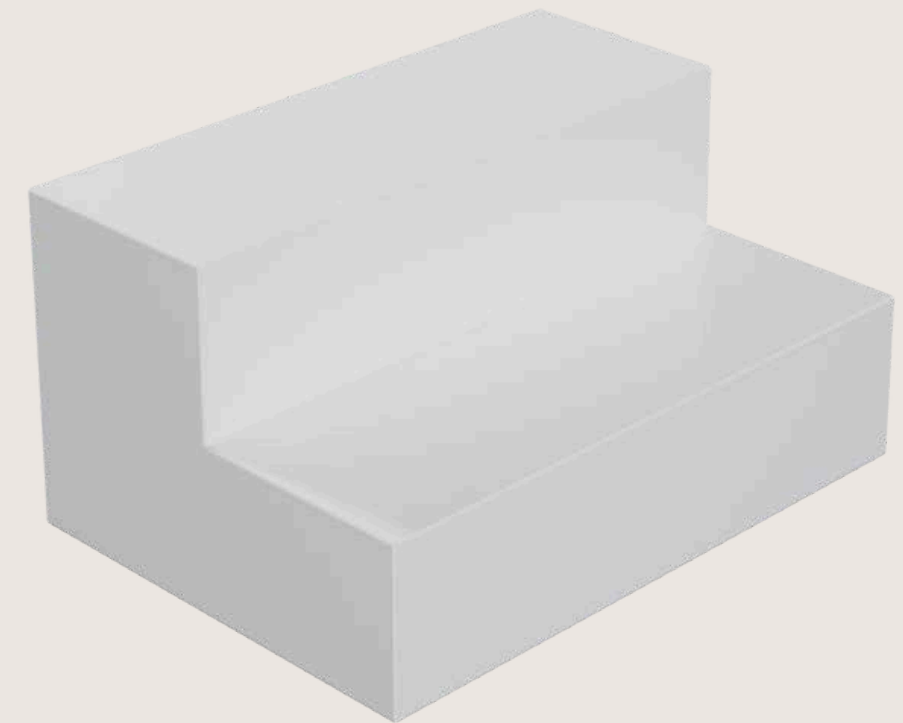
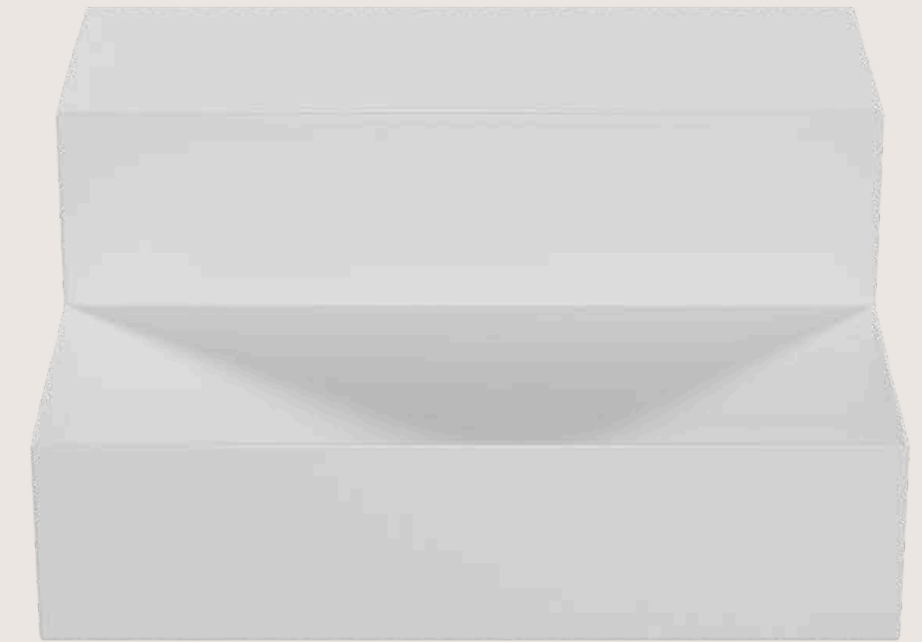
The step provides a stable and secure platform for easy entry and exit from the hot tub. Its durable construction ensures long-lasting performance and safe support. Designed with a simple, functional shape, it complements most hot tub styles.



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 **Black Fabric** —both designed for heavy weather and easy cleaning.





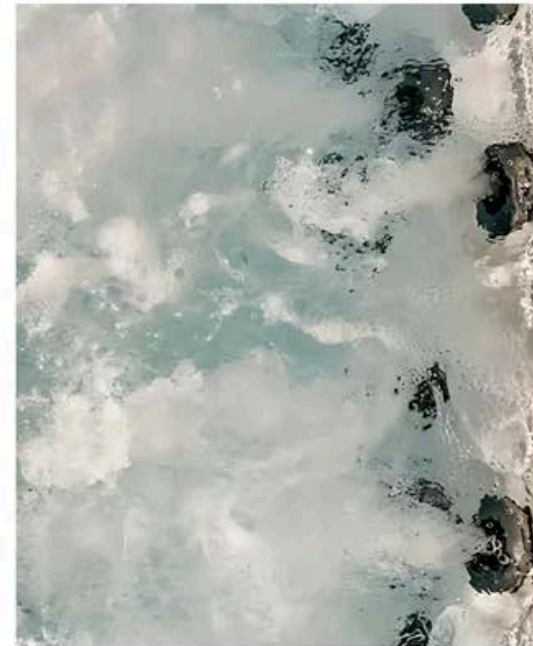
WARRANTIES



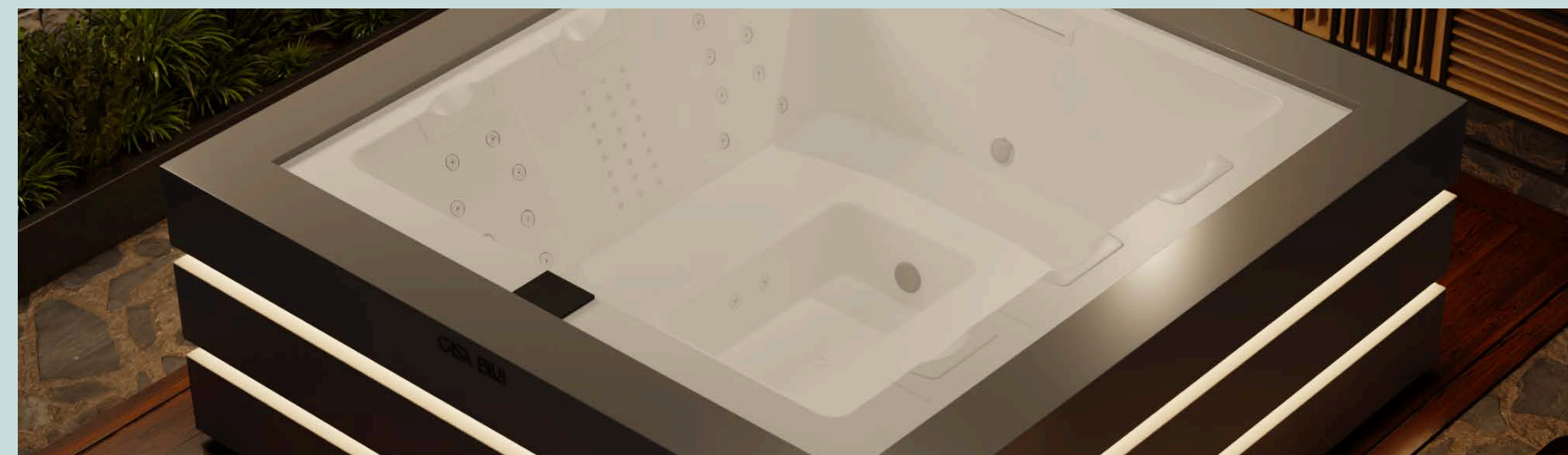
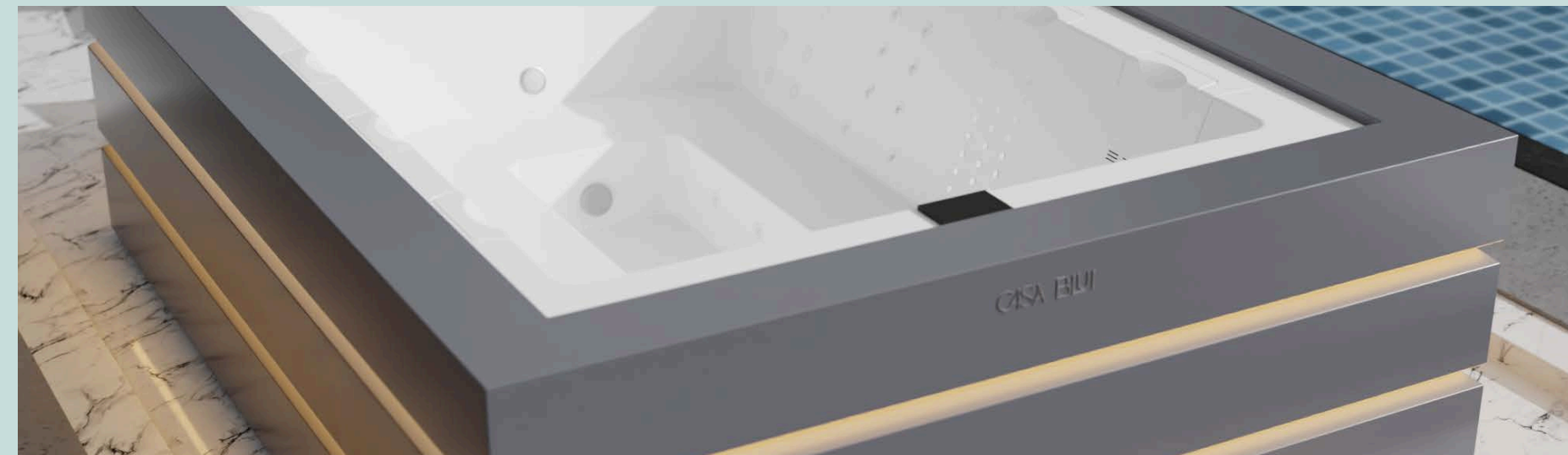
15 Years for Frame



10 Years for Acrylic



2 Years for Components





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