

CASA BIUI

ASTRA SOLID



COMERCIAL SECTION



GENERAL INFORMATION

CASA BLUI – ASTRA

Capacity: 6 people

Seating positions: 6 positions

Dimensions: 105" x 102" x 37.8"

Astra brings a calm, sculpted look to outdoor spaces. The seamless solid-surface exterior reads as one piece, with clean lines and softened edges that sit beautifully on a deck or terrace. Its footprint is generous—about 105" x 102" x 37.8" —so it feels open without overpowering the setting. Inside, the layout seats up to six with deep corner positions, an easy step-in, and a broad central footwell for comfortable legroom.

Seventy-eight carefully placed jets loosen back, leg, and foot muscles with a smooth, even flow, while six headrests encourage longer soaks. At night, two floor LEDs cast a warm, welcoming glow across the water, creating a relaxed, spa-like atmosphere. A simple touchscreen lets you set temperature and massage in seconds.

Day-to-day care stays easy thanks to the easy-clean shell, ozone-assisted water care, 20 mm insulation, and a fitted 50–70 mm cover that helps hold heat between uses. The result is a quiet, timeless piece that invites daily unwinding.





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

Colour Sense LED lighting package and optional Surround Bluetooth Audio let users personalize mood and sound.





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:	3 HP
Recirculation Pump:	0.25 HP
Water Heater:	5.5 kW
Filter Type:	Cartridge
Interior lights:	2 pcs
Display:	Balboa SpaTouch 4





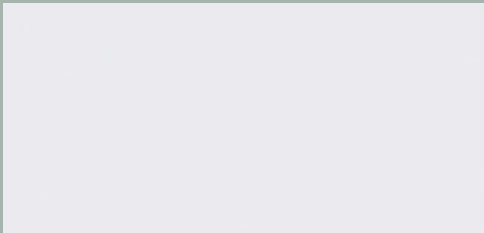
JET POSITION REFERENCE





FINISHES & OPTIONS

Exterior Solid Surface Cabinet



White

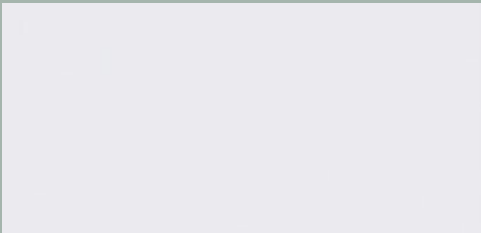


Light gray



Deep Gray

Interior Acrylic Cabinet



White





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. 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.

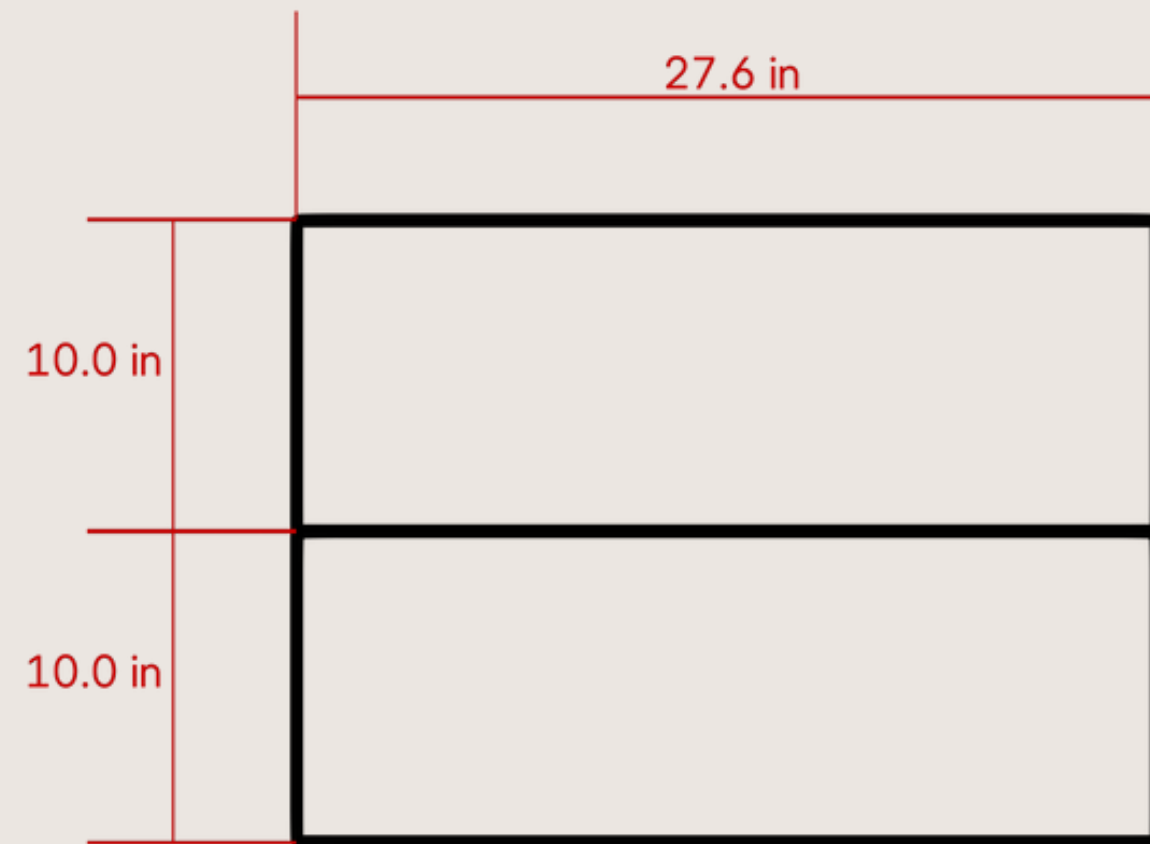
Functional verification under load

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.

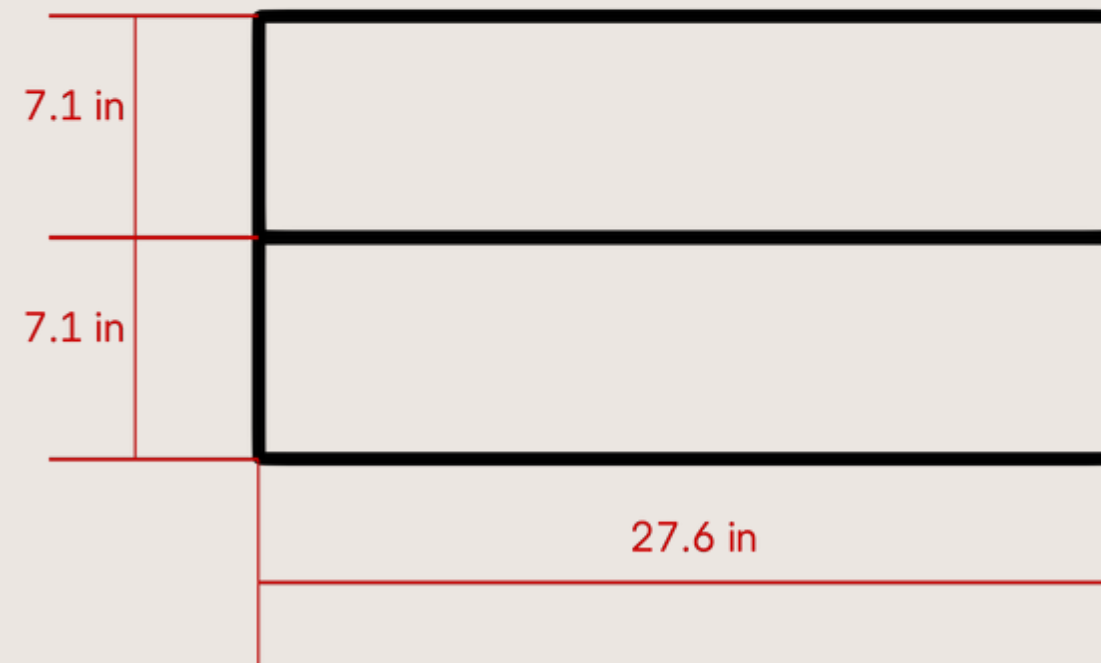


SPA STEPS

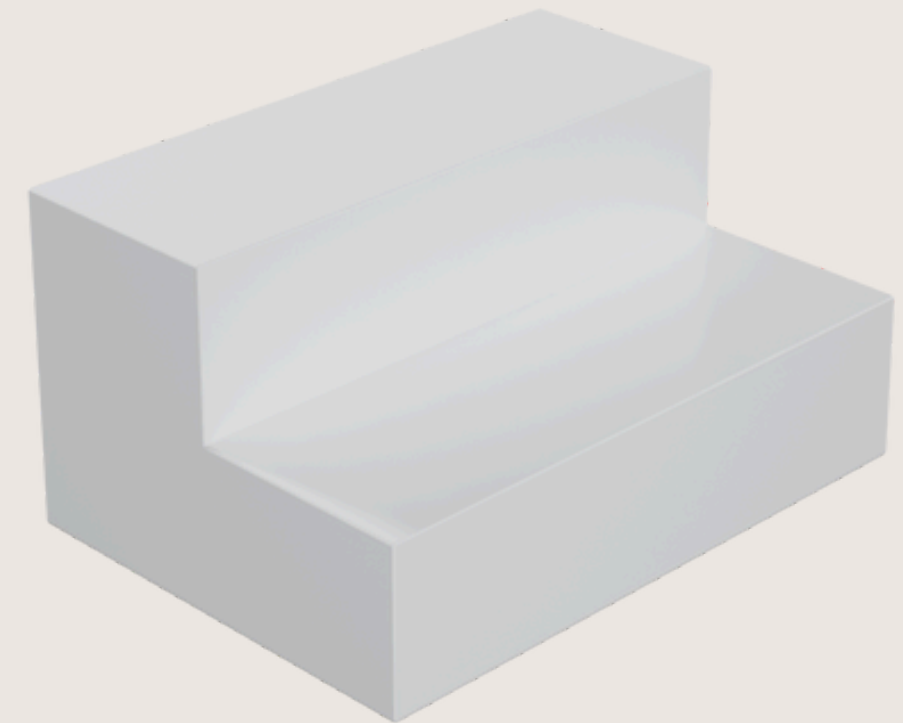
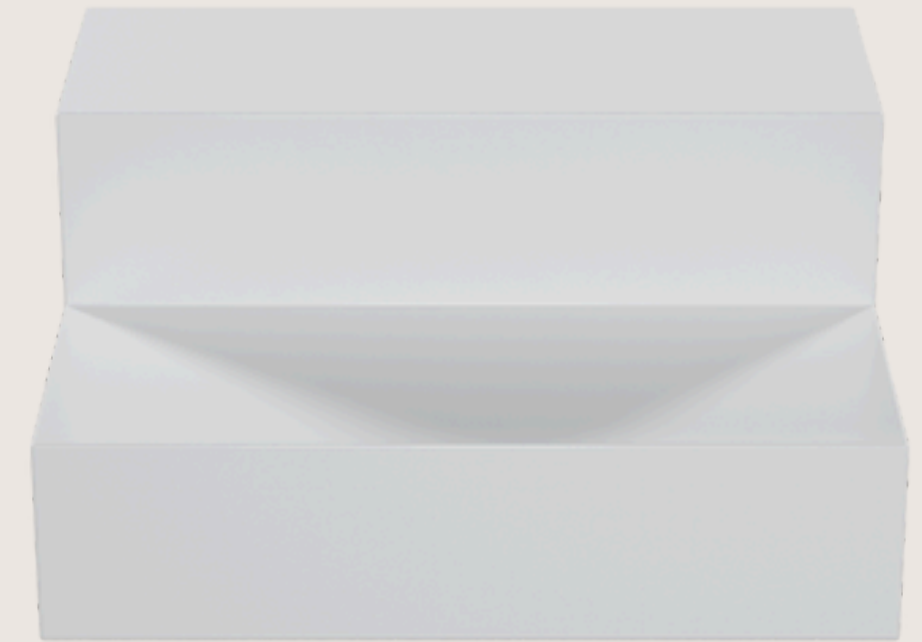
The step provides a stable and secure platform for easy entry and exit from the hot tub. Its durable construction ensures long-lasting performance and safe support. Designed with a simple, functional shape, it complements most hot tub styles.



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.

You can choose **Black Fabric or Gray Vinyl**—both designed for heavy weather and easy cleaning.





COVER - KEY FEATURES

Tri-fold magnetic coupling

Three fully detachable panels connect via hidden magnets instead of Velcro, delivering a cleaner interface that won't snag, clog, or fatigue in wet conditions. The magnetic alignment helps each section seat precisely along the hinge line, making partial opening or full removal faster and more intuitive—even in tight spaces. This design also simplifies reassembly after maintenance or seasonal storage.



Two premium exteriors

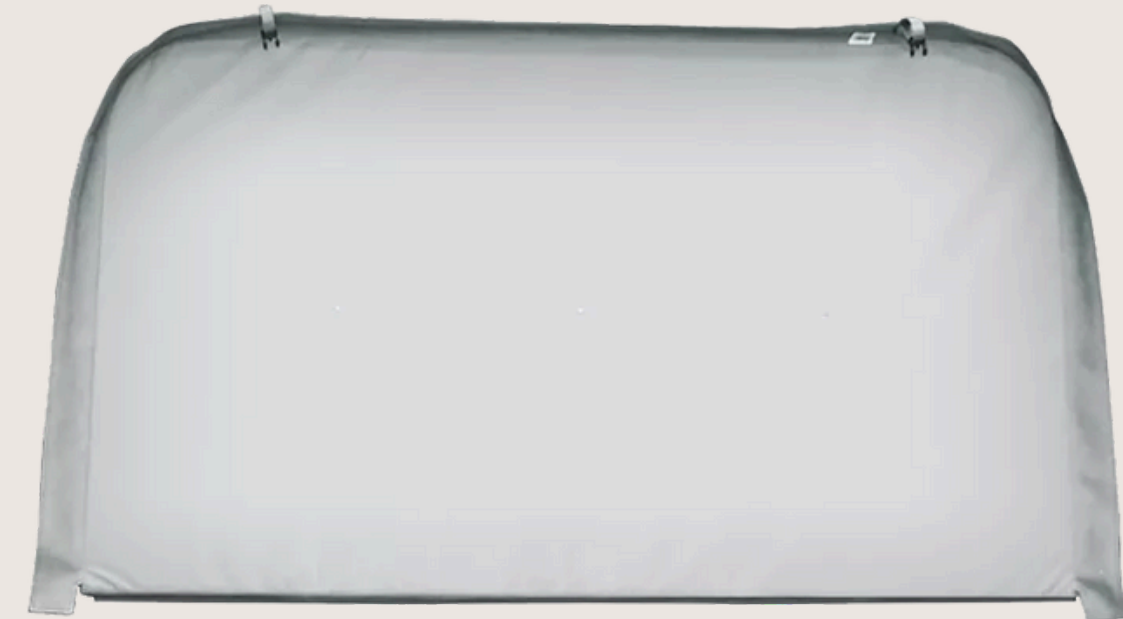
Choose Black Fabric for a resilient, textile look that sheds water and wipes clean easily, or Gray Vinyl for a classic spa aesthetic with excellent UV and mildew resistance. Both skins are purpose-built for outdoor exposure and daily handling, so you can match finish and feel without compromising durability. Care is straightforward: mild soap, fresh water rinse, and occasional protectant as needed.



COVER - KEY FEATURES

Heat-saving core

A tapered virgin EPS insulation core minimizes heat loss by directing runoff away from the center and reducing convective paths. The foam is fully enclosed in a heat-sealed vapor barrier to block moisture ingress, helping the cover stay light and thermally efficient over time. The result is quicker heat recovery, improved energy economy, and more stable soak temperatures.



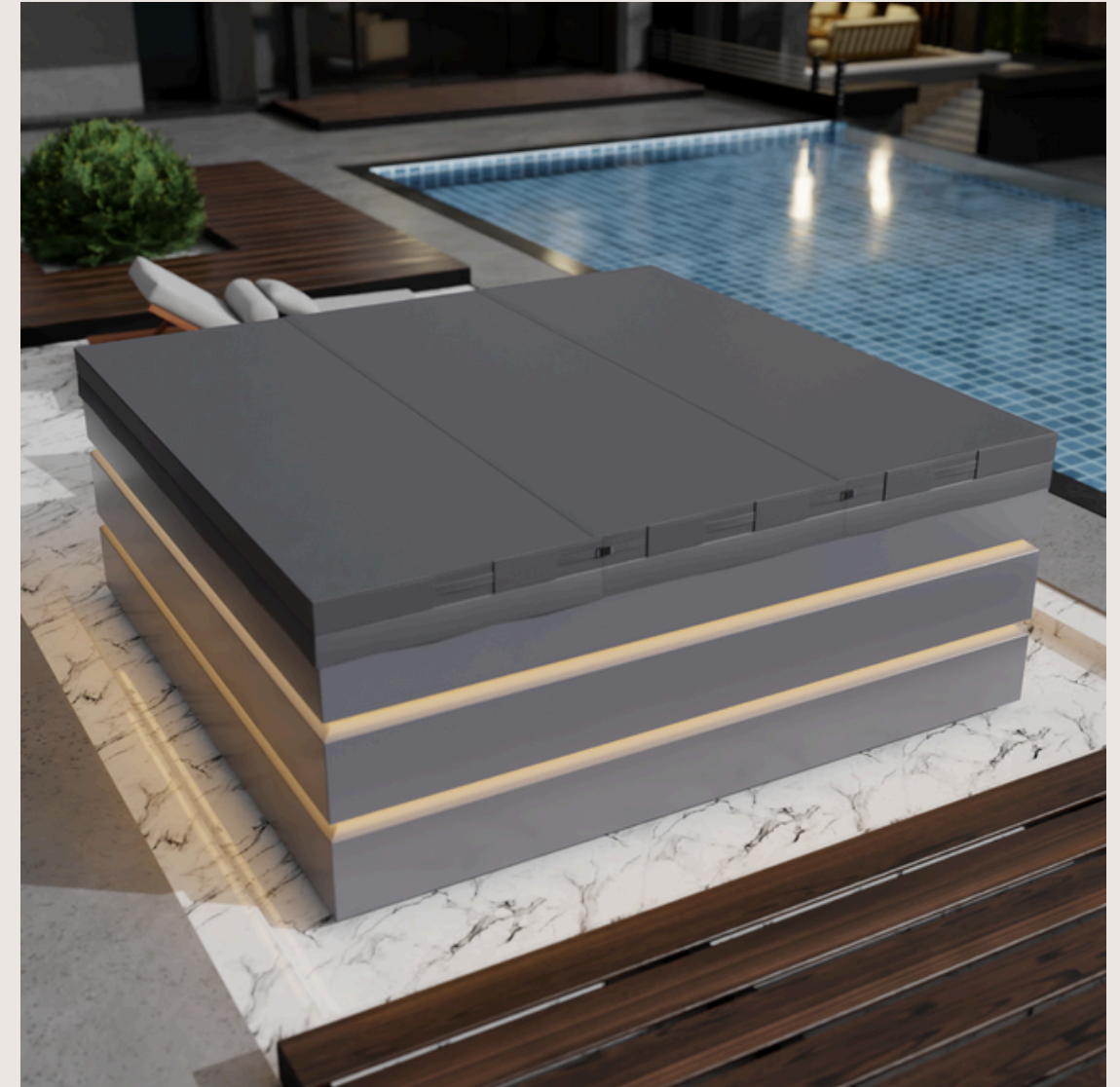
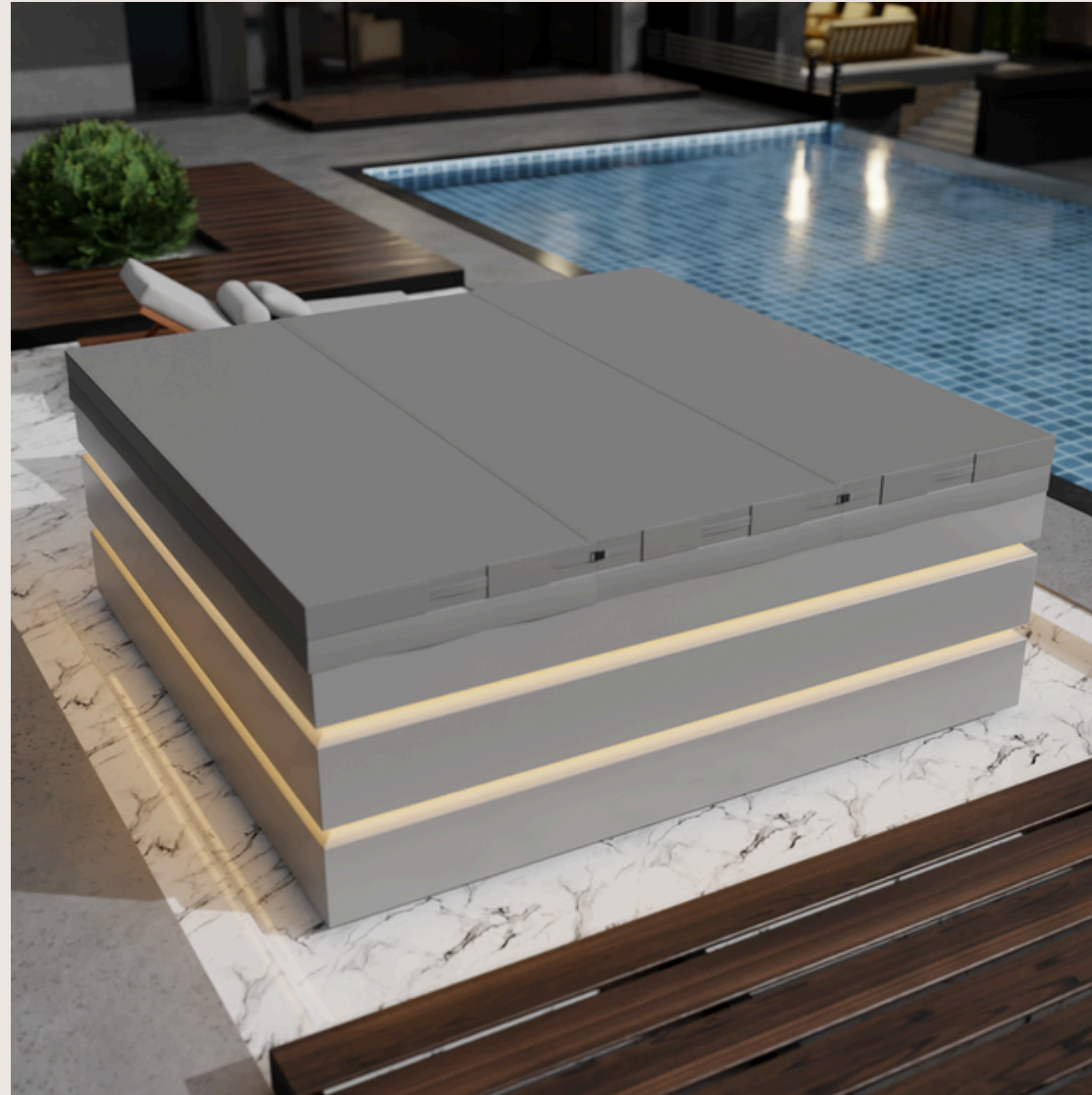
Built for weather & safety

An internal galvanized steel C-channel adds stiffness so the panels keep their shape under load, while the perimeter skirt and heat-stopper pads limit steam escape at the edges and hinge. Lockable tie-down straps secure the cover against wind and unauthorized access, and reinforced handles support confident lifting and daily use. Drainage weep holes and robust seam construction round out a cover engineered for long service outdoors.





COVER - GALLERY





TECHNICAL SECTION



SPARE PARTS & COMPONENTS

Control Components

- 1" Air valve
- 2" Water valve
- 2 Suctioners

Control Panel

- SPA Touch 4 Control Panel

Light Components

- 2 LED Lights
- LED Transformer — 5 V DC
- LED Driver

Heater & Accessories

- Heater Box — BP200G1
- Temperature Probes (×2) — GS I GL
- Heater — 5.5 kW

Pumps

- Massage Pump — 3 HP
- Filtration Pump — 0.25 HP
- Balboa Blower Pump — 1 HP

Pillows & Covers

- Headrest (×6)
- Filter Cover (×1)

Massage Components

- White micro jets - 48
- 2.5" Custom Directional Jets - 16
- 2.5" Custom Rotational Jets - 14
- 10" fountain jet

Filtration

- Filter Cartridge

Disinfection

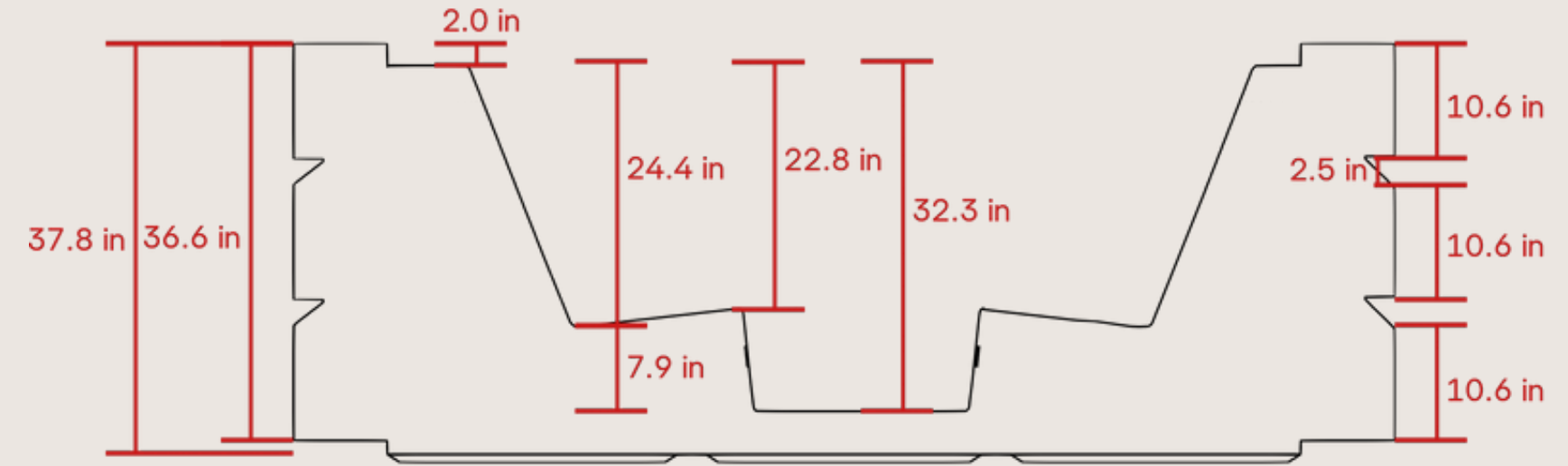
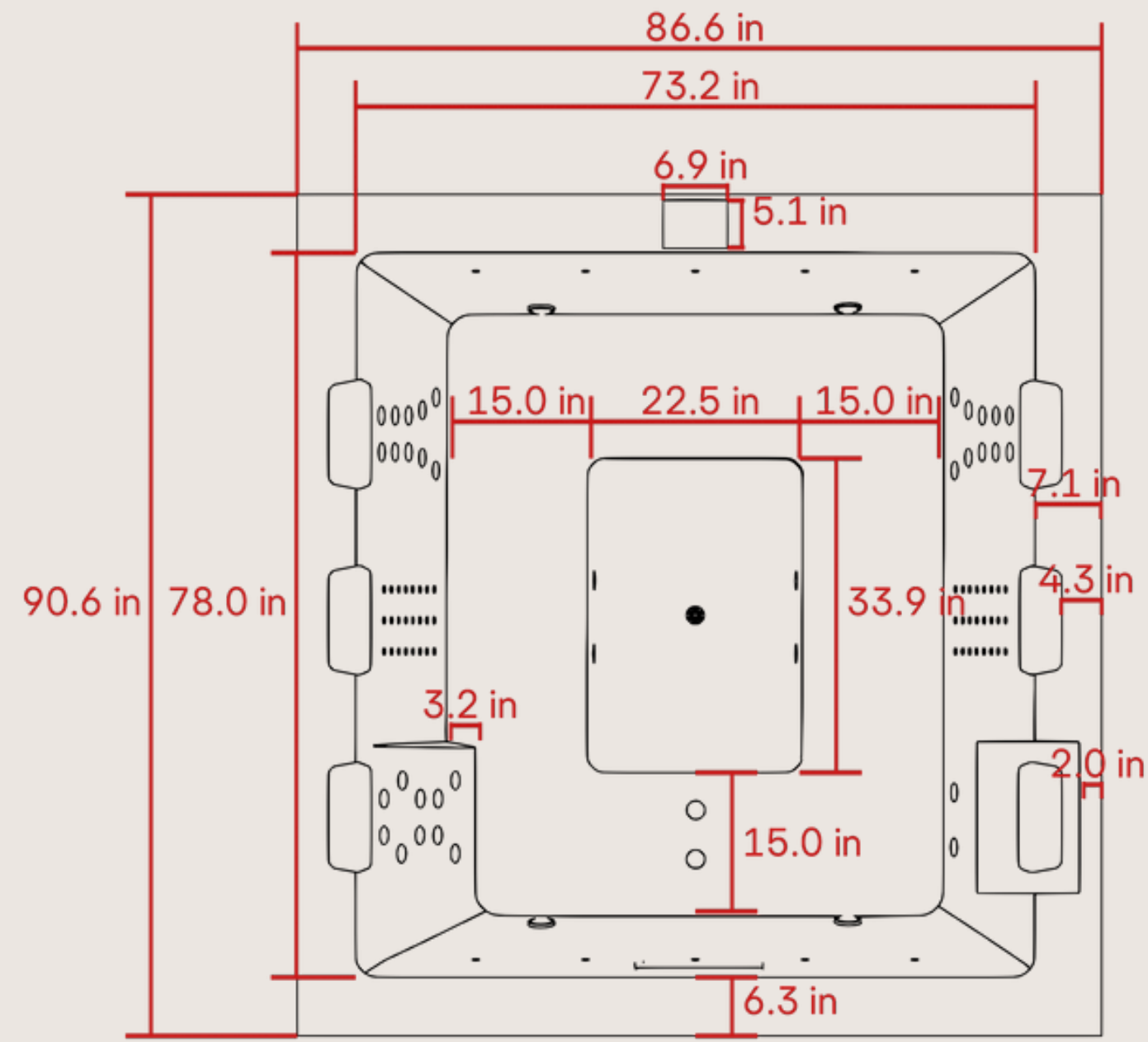
- UV Disinfection System
- Ozonator Disinfection System

Other Components

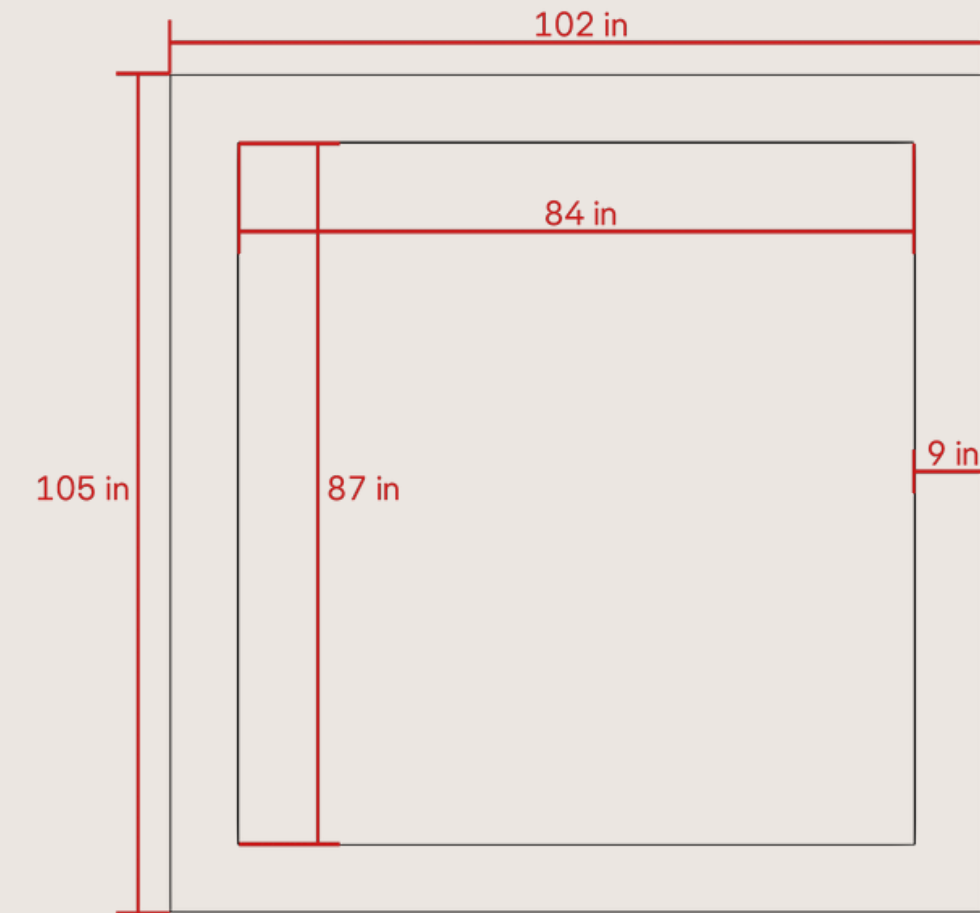
- Drain Fill Valve (black)
- 20mm insulation foam



TECHNICAL DRAWINGS



Exterior Solid Surface Cabinet



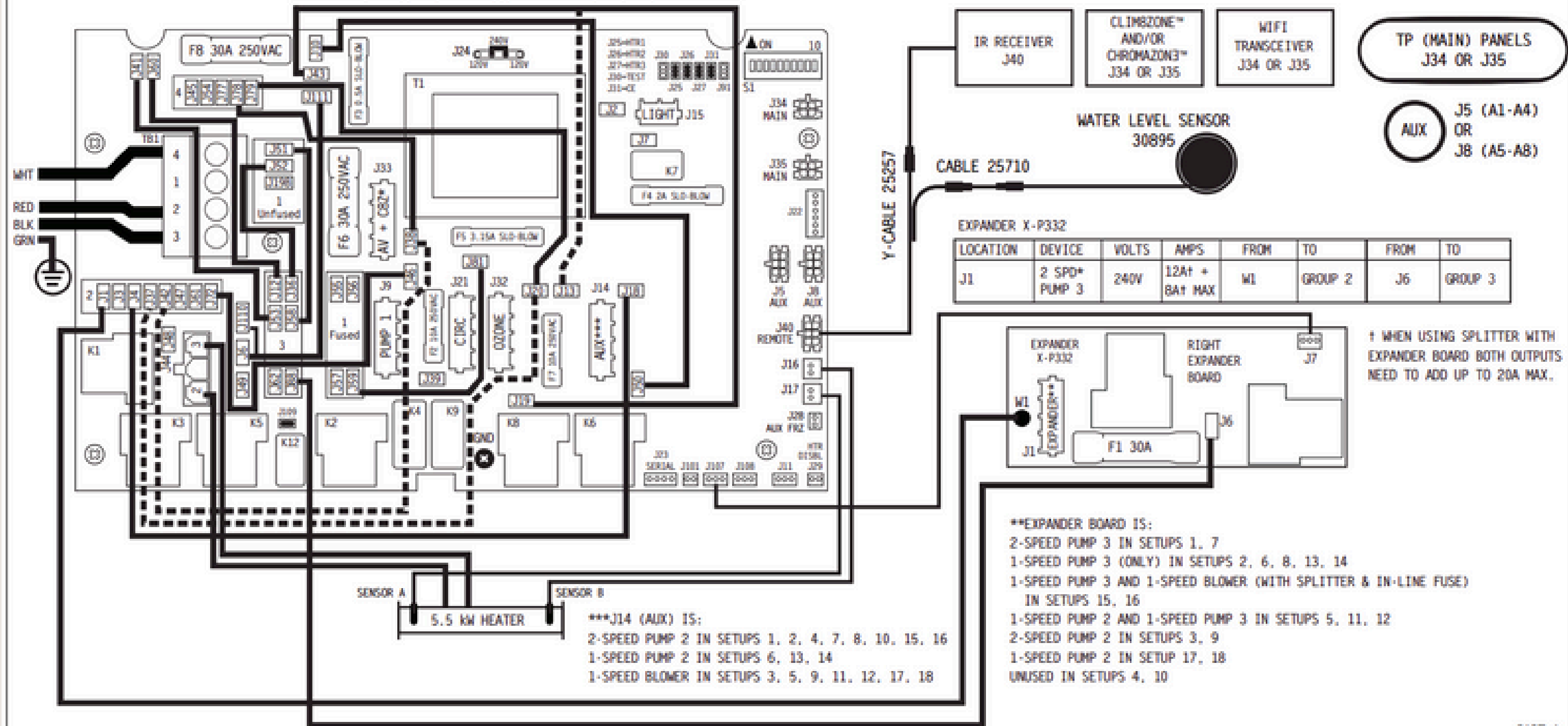
BALBOA
water group

* OPTIONAL SPLITTER PN
22934 MAY BE REQUIRED IF
TWO DIFFERENT THINGS NEED
TO BE CONNECTED AT J33

J43 TO J13 (BLOWER ON
J14) IN SETUPS 3, 5, 9,
11, 12, 17, 18

BP20G1WL - PN 59593

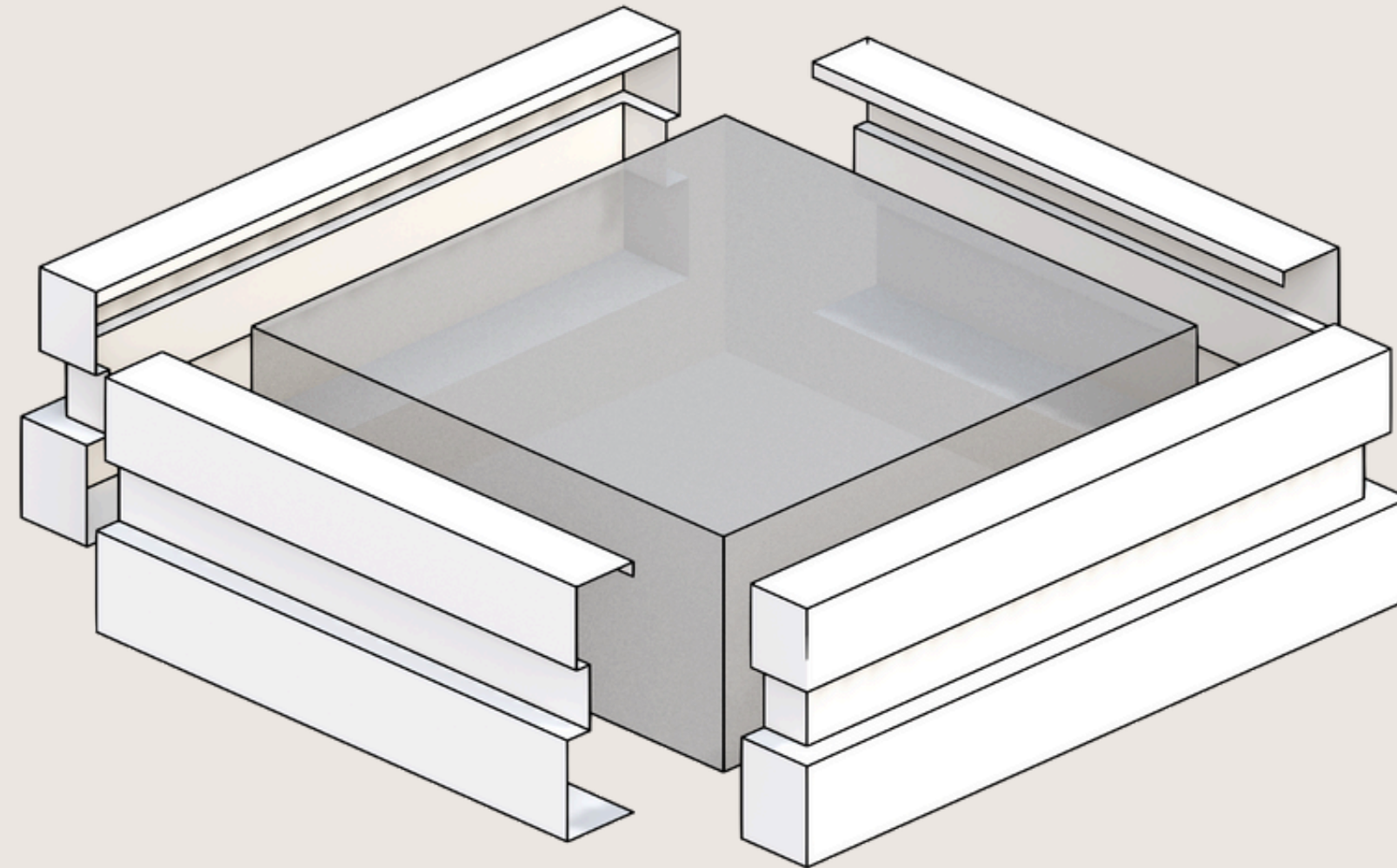
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PART A



PANEL ASSEMBLY



Exterior Solid Surface Cabinet

Check the following video for more information

https://www.youtube.com/watch?v=DxHCxV0yGog&ab_channel=CasaBlui



WARRANTIES



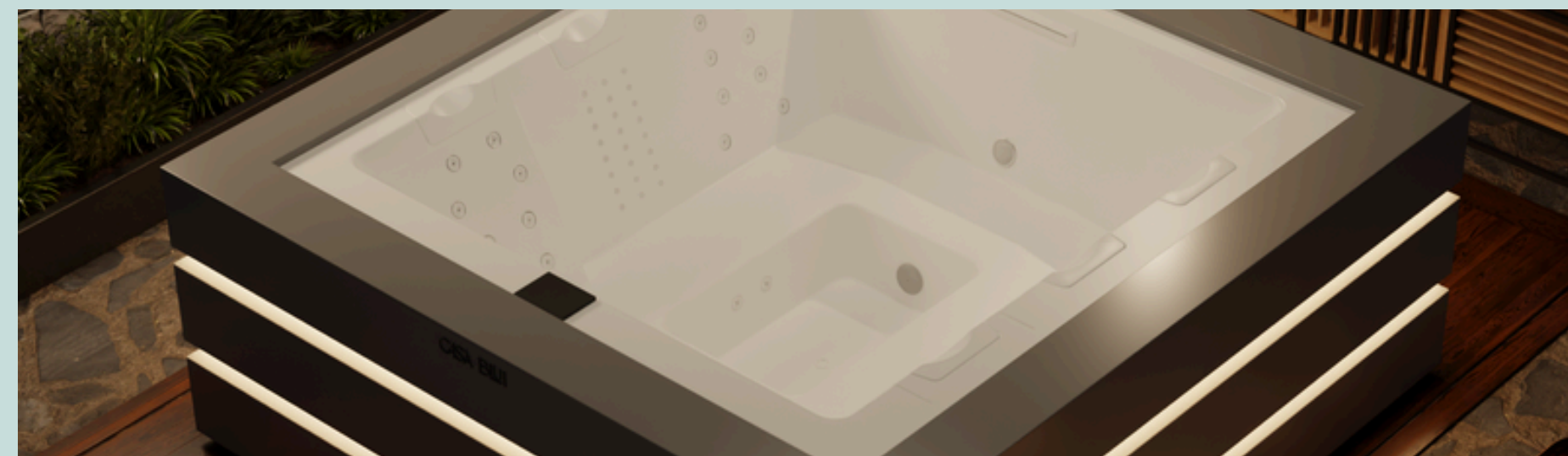
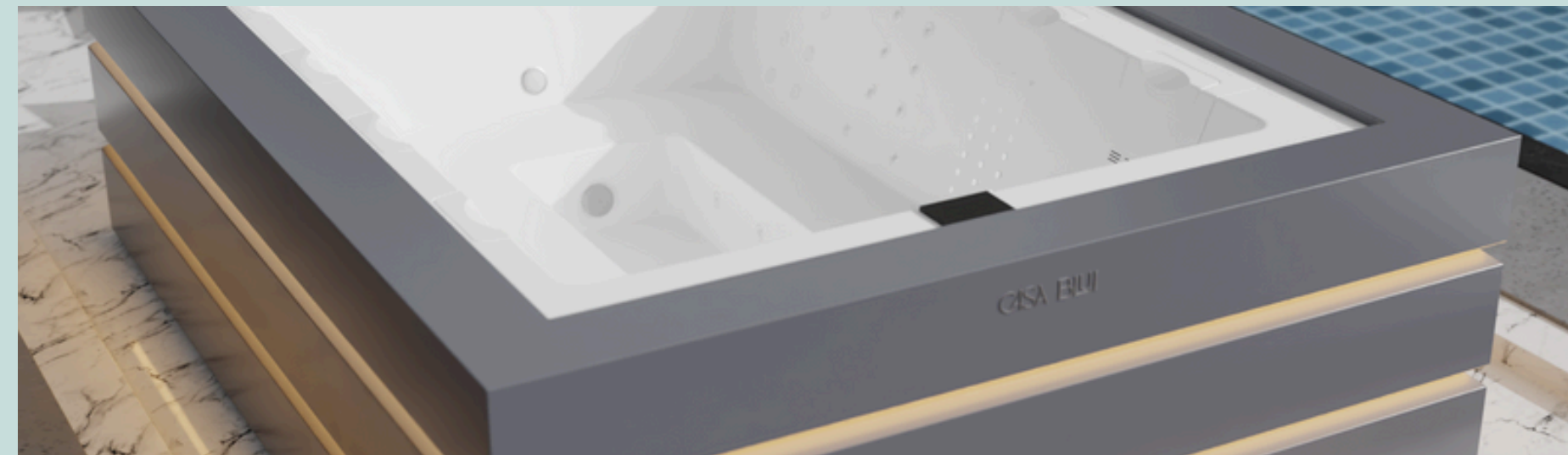
15 Years for Frame



10 Years for Acrylic



2 Years for Components





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