

SAUNA
MANUAL
LUME

CASA BLUI

MAIN SECTIONS INDEX

1	PRE-INSTALLATION	6
2	INSTALLATION	12
3	SAUNA USE	26

Proper preparation of the premises and systems will ensure a safe and rapid installation of the sauna. For this reason we advise you to read this manual carefully and to carefully follow all the information contained herein.

⚠ WARNING

REDUCE THE RISK OF ELECTROCUTION

1. If any malfunction is detected in the unit, cut power off and ask for assistance.

REDUCE THE RISK OF CHILD SYNCOPE

1. Do not use this unit accompanied by children.
2. Spikes of heat stress can prove specially harmful for children.

REDUCE THE RISK OF OVERHEATING

1. Check with your physician before use if pregnant, diabetic, in poor health or under medical care.
2. Exit immediately if uncomfortable, dizzy or sleepy. Sauna sessions can cause hyperthermia and unconsciousness.
3. High temperatures in conjunction with alcohol, drugs, or medication can cause unconsciousness.

WHEN PREGNANT, long periods of time under intense heat can harm your fetus. Measure the duration & intensity of your sessions responsibly.

1. Do not enter the sauna if the cabin is hotter than 100° F (38° C).
2. Do not stay in the sauna for more than 10 minutes.



**SAFETY RISKS**

- Risk of fire. Before switching on the heater, always check that no towels, clothing, accessories, or other foreign objects are on, above, or near the heater.
- Risk of fire or equipment damage. Do not operate the heater unless it is properly cleaned and undamaged.
- Risk of entrapment. The sauna door must always open outward and must not lock or use a permanent latching system.
- Risk of electric shock. No electrical outlets or receptacles shall be installed inside the sauna room.
- Risk of burns. Light fixtures may become very hot during operation and must be located and used to avoid burn hazards.
- Risk of unsafe operation. Discontinue use immediately if overheating or unusual darkening is observed around the heater area.
- Risk of fire. Do not use the sauna for drying clothes, towels, swimwear, or other textiles.

**WARNINGS**

- Read and follow all instructions before installation, operation, or maintenance.
- Installation, electrical connection, grounding, and bonding must be carried out by qualified personnel in accordance with all applicable local and national regulations.
- Users with reduced physical, sensory, cognitive capabilities, or without adequate experience, may only use the sauna under proper supervision.
- Do not install electrical outlets inside the sauna room.
- Pregnant or possibly pregnant women must consult a physician before using the sauna.
- The use of alcohol, drugs, or medication before or during sauna use may lead to unconsciousness or fatal hyperthermia.
- Persons using medication, or persons with obesity, heart disease, high or low blood pressure, circulatory disorders, diabetes, clotting disorders, or similar medical conditions, must consult a physician before using the sauna.
- Persons with infectious, skin, or contagious diseases must not use the sauna.
- Do not use the sauna immediately after strenuous exercise.
- Hyperthermia may occur when the body temperature rises above normal. Its effects may include dizziness, drowsiness, lethargy, fainting, impaired judgment, inability to recognize heat, inability to leave the sauna and fetal damage during pregnancy.
- If the product is equipped with a GFCI, it must be tested before each use according to the manufacturer's instructions.
- Unauthorized modifications, tampering, misuse, or maintenance not performed as instructed may cause injury, death, equipment damage, and void the warranty.
- During installation and maintenance, keep unauthorized persons away from the work area.
- Before performing any maintenance, disconnect the electrical supply.
- Cleaning and disinfecting chemicals must be kept tightly closed, properly labeled, and stored out of reach of children and pets.
- Keep the sauna door closed during heating to avoid overheating and improper operation.
- DO NOT ENTER THE UNIT WITH OPEN WATER CONTAINERS, THE HEATING ELEMENTS ARE TO REMAIN DRY AT ALL MOMENTS.
- DO NOT POUR WATER ON ANY OF THIS SAUNA'S FEATURES OR COMPONENTS.

**CAUTION: MAINTENANCE SUBSTANCES**

- Maintain the sauna clean, dry, and well ventilated after each use.
- Perform regular maintenance to ensure safe, hygienic, and reliable sauna operation.
- Use appropriate personal protective equipment during installation, maintenance, and chemical handling.
- Use only products and chemicals specified or approved by the manufacturer.
- Wipe benches and walking surfaces with a clean damp cloth after use. Do not allow standing water to remain on wood surfaces.
- Do not place objects inside the sauna during installation or maintenance, as they may fall into the system or damage components.
- Do not use a hose, pressure washer, or a direct stream of water inside the sauna.
- Use only suitable sauna cleaning products. Do not use bleach, aggressive disinfectants, or incompatible chemicals that may damage surfaces.
- Store chemicals in a cool, dry place away from heat sources.
- Dispose of packaging materials in accordance with local regulations and keep them away from children and animals.
- Do not dry clothing, rugs, textiles, or other items inside the sauna.
- Keep the area around the sauna clean and free of debris, vegetation overgrowth, and combustible materials. This follows the outdoor installation and moisture-control guidance in the outdoor manuals.
- Inspect the exterior cladding and weather-exposed components at least annually. Exterior maintenance should be performed regularly, and more often in demanding outdoor conditions.
- If the sauna is used frequently, interior benches, floor grids, and similar wood components should be inspected and maintained periodically to preserve safety and durability.

NOTICE

- **Use only products and chemicals specified or approved by the manufacturer**
- **Contact the manufacturer if any instruction is unclear.**
- **Keep this manual for future consultation.**

**WARRANTY**

The manufacturer *cannot be held responsible and voids warranty* in the case of:

- Installations or connections that are not compliant or that are carried out without following the national regulations concerning civil and industrial installations.
- Pre-installation and installation carried out by unqualified personnel or otherwise not in compliance with the instructions in the pre-installation and installation requirements of the product;
- Incorrect preparation of the installation environment, including load-bearing surfaces;
- Accidents and damage due to a non-compliant installation or use of the unit;
- Masonry works that prevent the removal and handling of the unit or defective parts thereof.
- Product installations for which an according compliance checklist has not been submitted by the installer.
- The installer, acting on behalf of the seller or user, does not conduct an appropriate inspection of the Product's condition before installation. The warranty will not be valid if the Product is installed without this inspection.
- The installer, acting on behalf of the seller or user, does not ensure the correct product (and all of its components) operation once installed, in order to confirm proper installation and water-hardness when needed. The warranty will not be valid if this verification is not carried out.
- the Product being inspected, repaired, maintained, or handled by an unauthorized person without the manufacturer's knowledge & previous approval.
- All damage to the product resulting of unusual or extraordinary wheather conditions or climatic events are not covered by warranty.

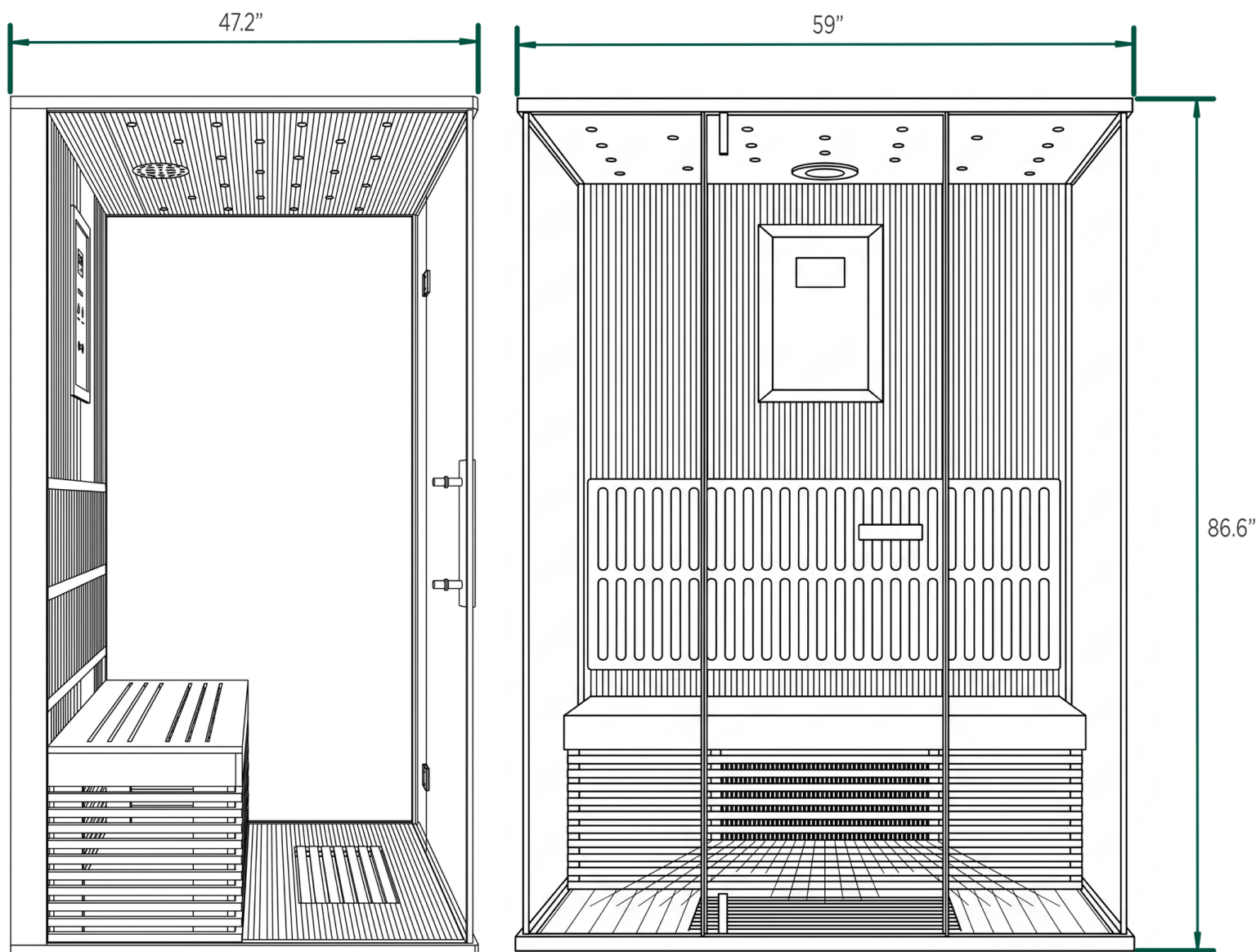
PRE-INSTALLATION

1	MEASUREMENTS AND TECH SPECS	7
2	PREPARATION OF THE INSTALLATION SITE	10
3	ELECTRICAL PREPARATIONS	11

1

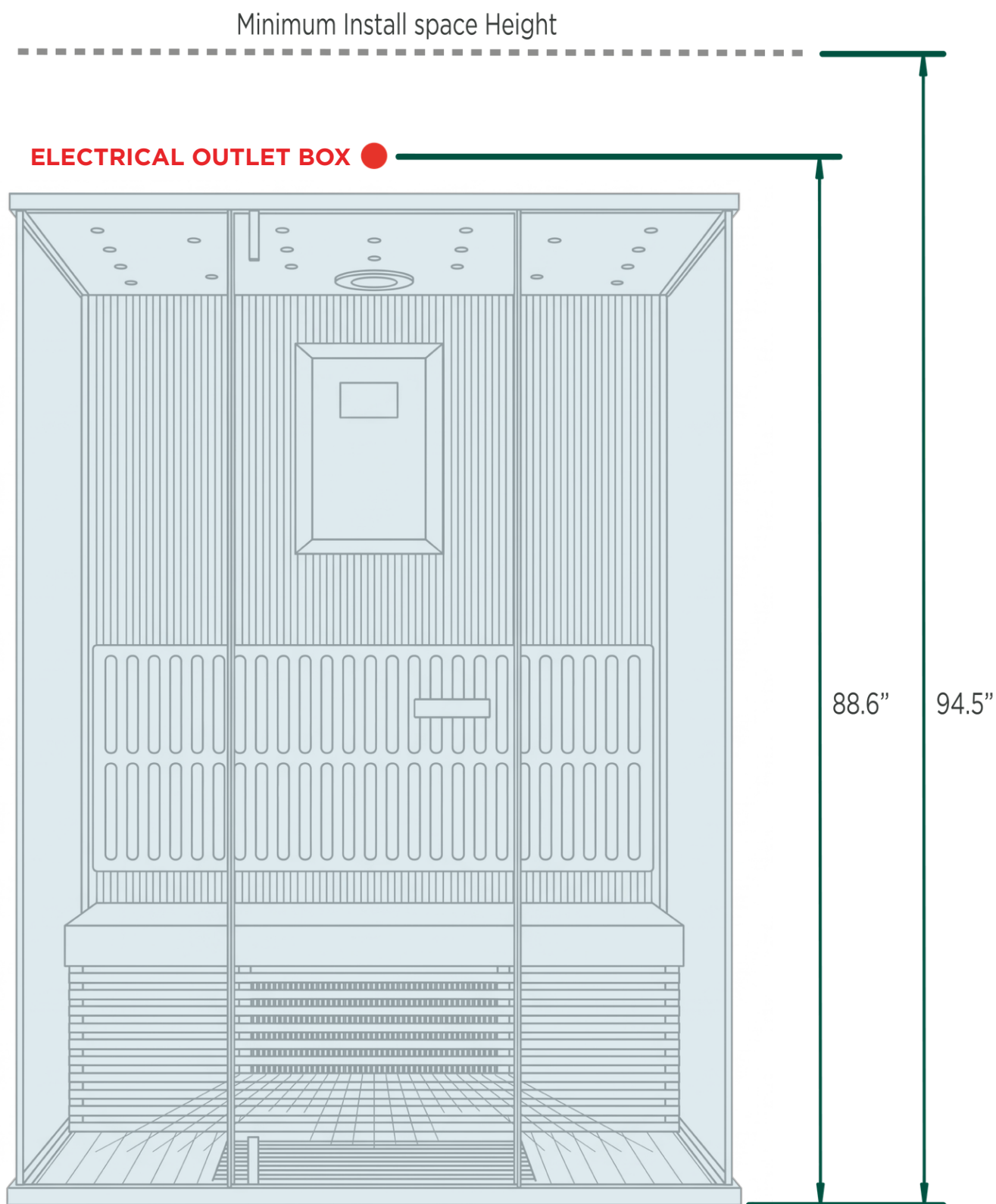
MEASUREMENTS AND TECHNICAL SPECIFICATIONS

TECHNICAL DRAWINGS



The manufacturer reserves the right to make improvements to the equipment at any time, without prior notice.
Partial reproduction without the manufacturer's consent is prohibited.
Measurements are purely indicative and not binding.

Electrical inlet location and space requirements



The manufacturer reserves the right to make improvements to the equipment at any time, without prior notice.
Partial reproduction without the manufacturer's consent is prohibited.
Measurements are purely indicative and not binding.

TECHNICAL SPECIFICATIONS

CAPACITY:	
GLASS TYPE:	Tempered
EXTERNAL FRAME:	Canadian hemlock
DIMENSIONS:	59" x 47.2" x 86.6"
HEATER POWER:	3.5kW
TEMP RANGE	20-59°C (68-128°F)
LIGHTING:	Standard / Chromatherapy
SOUND SYSTEM:	Built-in, Bluetooth
ELECTRICAL:	220V-240V / 20A

IMPORTANCE & INSTALLER PROFILE

The sauna works efficiently and safely if it is installed correctly and in compliance with the regulations in force in the country of use.

This pre-installation guide provides information for a proper preparation of the environment & electrical connections. This allows for a quick and safe installation.

The pre-installation stages involve the following professionals:

- A qualified and certified company that will prepare the installation site according to the instructions provided in this guide, following current work safety regulations;
- Certified and qualified electrician who prepares electrical systems in compliance with local and national regulations regarding civil and industrial systems;

The user must promptly notify the professionals of any existing underground obstacles like gas, water, electrical or telephone lines.

Upon completion of pre-installation all specialists must issue a **procedure compliance checklist** of the systems installed. Without such document, the Manufacturer declines any responsibility for damage to the systems or premises where the sauna is or will be installed.

2

PREPARATION OF THE INSTALLATION SITE

Before beginning the sauna assembly, make sure the electrical inlet has been setup in its appropriate location, the room the unit is being installed in features at least the required minimum height and that there's no open flames or powerful heating elements near the unit.

All final electrical connections must be completed by a licensed electrician in accordance with national and local codes.

FREESTANDING INSTALLATIONS

Install the sauna on a solid, flat, and level surface capable of supporting the full floor area and the combined weight of the sauna room and maximum occupants.

A properly leveled concrete pad of suitable thickness is the recommended solution, although an equivalent structural platform may also be used where permitted by local code.



Choose a location with good drainage and avoid areas where water may collect around or under the sauna. For any form of installations, it is recommended you maintain at least 24 in of side clearance from nearby structures and furniture.

Necessary installation features

The installation site must provide unobstructed inlet, safe access to the electrical supply, and sufficient space for assembly and service. Before installation, remove debris, verify the surface is level, and confirm accessibility to the power source.

3

ELECTRICAL PREPARATIONS

The Casa Blui saunas are built in compliance with UL laws and are tested during production to ensure the safety of the installer and user. The connection must be made by an experienced, qualified electrician.

a) READ AND FOLLOW ALL INSTRUCTIONS

b) A green coloured terminal or a terminal marked G, GR, Ground, Grounding, or the symbol* is located inside the supply terminal box or compartment. To reduce the risk of electric shock, this terminal must be connected to the grounding means provided in the electric supply service panel with a continuous copper wire equivalent in size to the circuit conductors supplying this equipment. * IEC 60417, Symbol 5019.

c) To be used, the sauna requires a dedicated 240V, single-phase electrical connection protected by a 20A BREAKER.

d) SAVE THESE INSTRUCTIONS.

The Manufacturer is not responsible for connections made in a way that does not comply with local codes, the specifications in this manual or tampering with any electrical component of the sauna.

INSTALLATION

1	PRELIMINARY OPERATIONS	13
2	CHECKING SAUNA INTEGRITY	14
3	TRANSPORT AND POSITION	14
4	SAUNA CONTROL BOX DIAGRAM	15
5	SAUNA ASSEMBLY	16

1 PRELIMINARY OPERATIONS

Before installing the sauna, check that everything has been prepared.

Check that:

- Both the wall and floor the unit is to be installed on are level, flat and perpendicular to each other.
- Both the wall and floor are properly waterproofed and protected against moisture or condensation.
- Confirm the electrical outlet is located in its required position, and that a long enough whip has been left out of it **before** sauna assembly.

REQUIRED TOOLS FOR ASSEMBLY:



Level



6mmØ Drill Bit



metric Hex keys



Hammer



Screwdriver

More information

INSTALLATION

Preparations

To run the electric cables from the main electrical panel to the sauna underground or in-wall ducts must be used and adequately protected against freezing by using proper insulation.

Choice of position: take into account the proximity of windows and doors, and note that falling or moving objects can cause damage to the equipment that is not covered by warranty and make maintenance more expensive/frequent. It is also recommended to always have anti-slip flooring around the sauna.



Silicone glue & gun



Drill

2 CHECKING SAUNA INTEGRITY

After having removed the sauna parts from the packing, check its integrity.



Check:

- That there is no visible structural damage;
- That there are no cracks or bumps in any of the un-assembled parts (cracks due to incorrect transport or support are not covered by the warranty);
- The correct position of the sleeves and pipes;
- That all straps and films are correctly tightened.

If you notice any anomalies, do not proceed with the installation but rather promptly contact the Manufacturer.

3 TRANSPORT AND POSITION

TRANSPORT

. Before moving the unit, make sure that it can easily pass through any arches or fences on the way to reach the desired place of installation.



Movement must be carried out using personal protective equipment (e.g., gloves, safety shoes, etc.) and taking all the necessary safety precautions for those involved and to not damage the sauna.



During transport, lift the boxes **one at a time** and make sure to place them in a secure location. It is recommended each box is transported by two people.



During movement, the surrounding area must be kept free of people not involved in the operation, animals or objects (e.g., packaging, etc.) that could get in the way.

POSITIONING

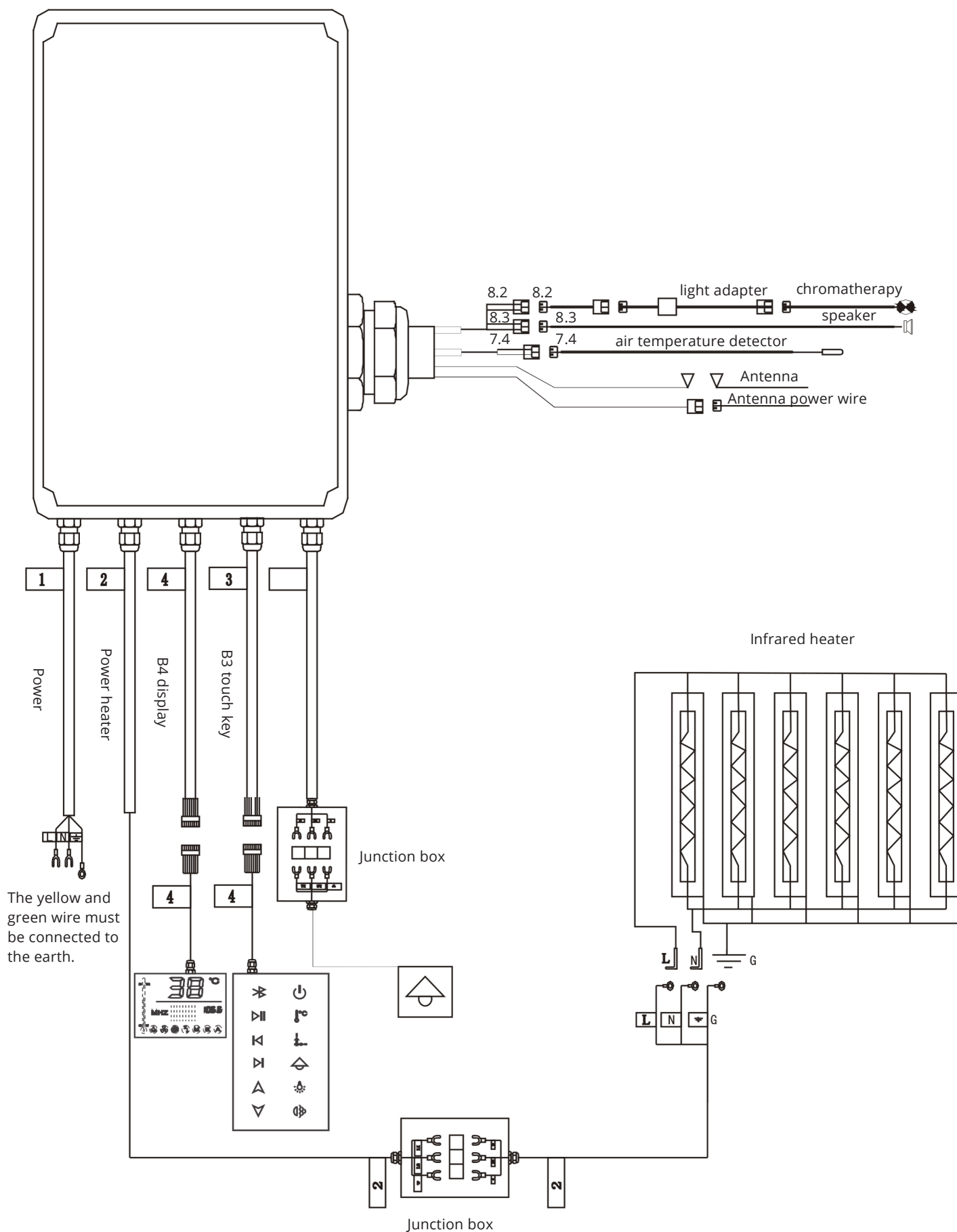
TEMPORARY POSITIONING

Before installing and assembling the sauna, ensure that the packaging is in perfect condition and contact us immediately if the packaging is damaged. If it is necessary to place the unit temporarily before installation, position it right - side up and on a flat and surface.

POSITIONING IN THE PLANNED LOCATION

The base of the unit is to be assembled on a smooth, flat and level surface capable of supporting the full operating weight, and ensure proper ventilation where applicable.

4 SAUNA CONTROLLER BOX DIAGRAM



5 SAUNA ASSEMBLY

Start the procedure **ONLY** if you have all the required elements and tools.

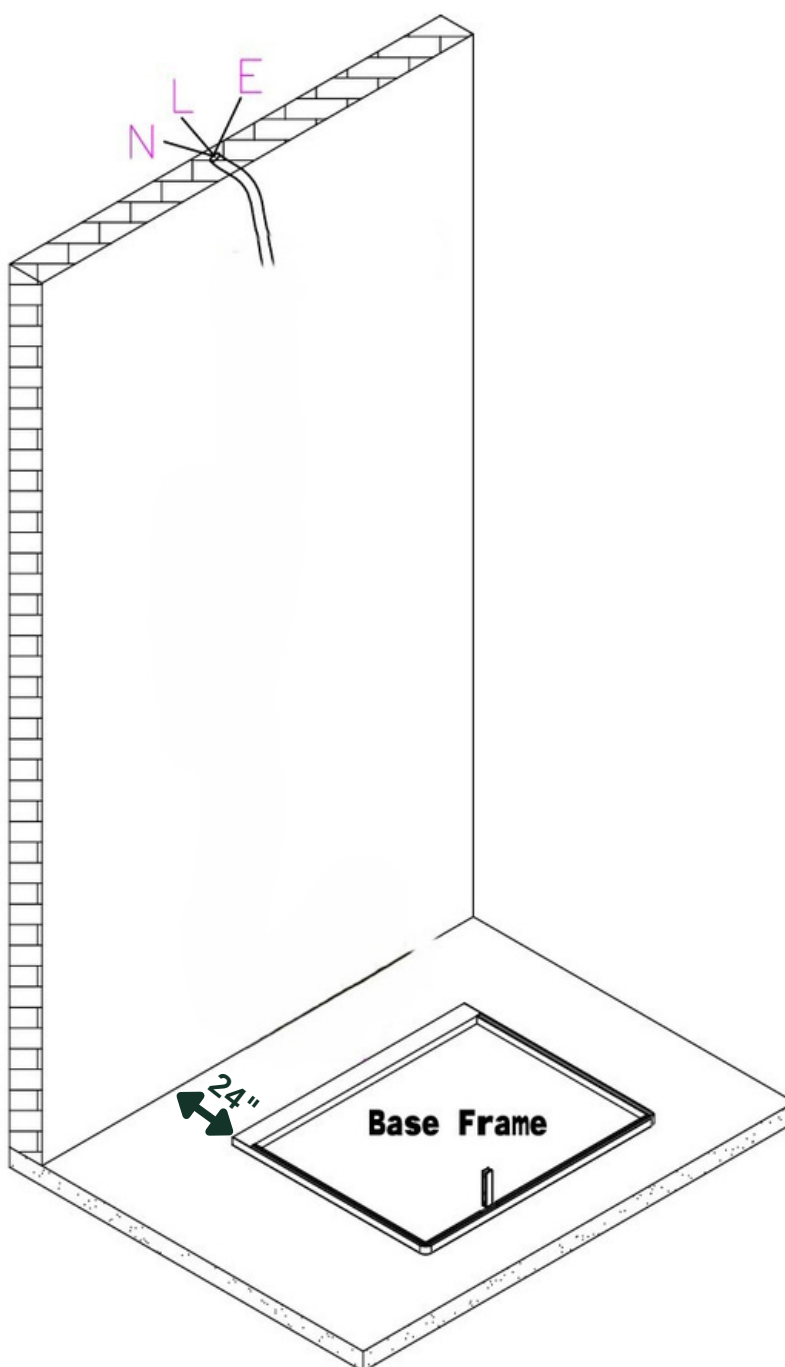


WARNING

If any of these instructions is unclear to you, **do not proceed with assembly**, reach out to your project's manager for clarification.

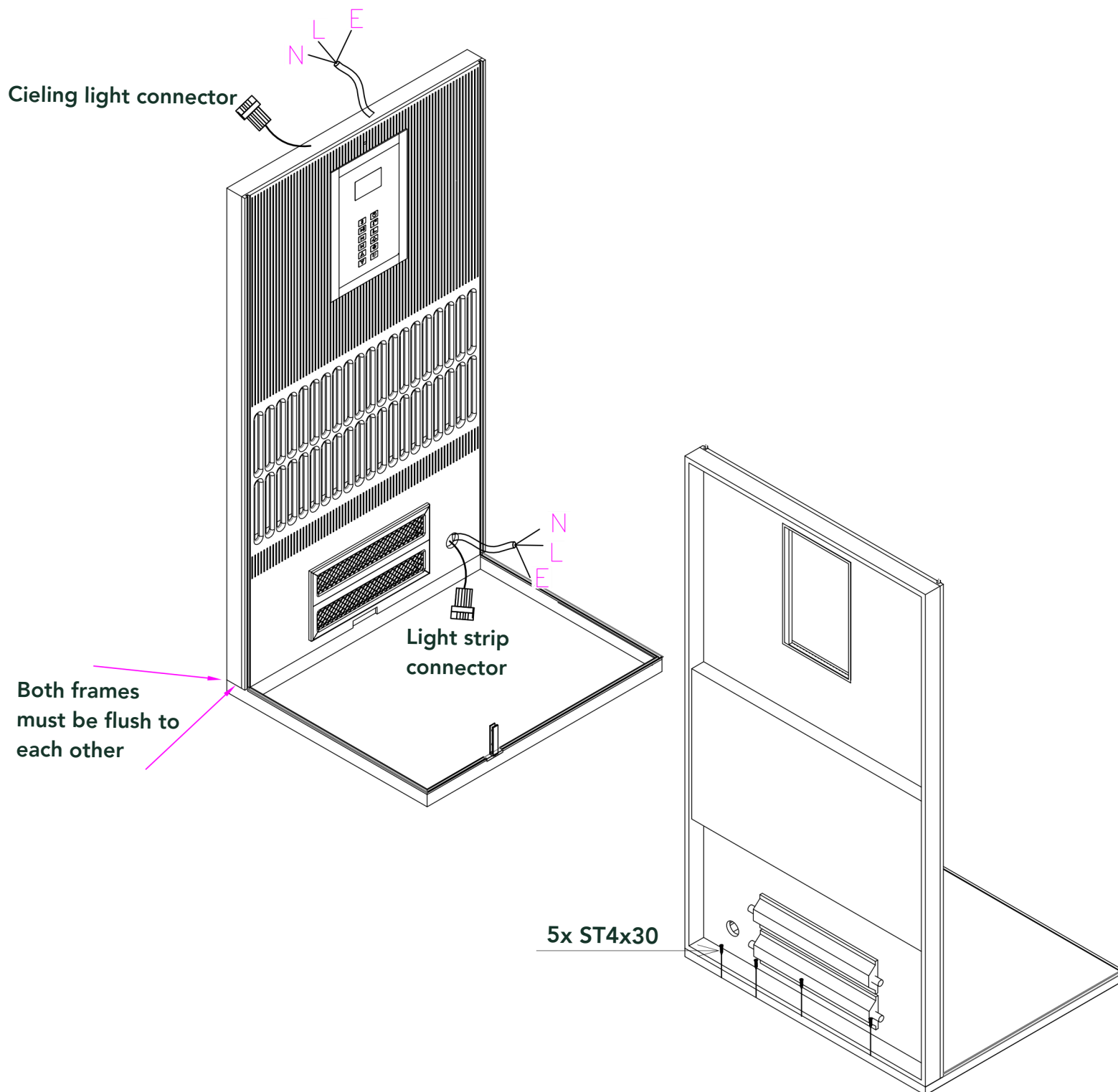
1- Set the base frame

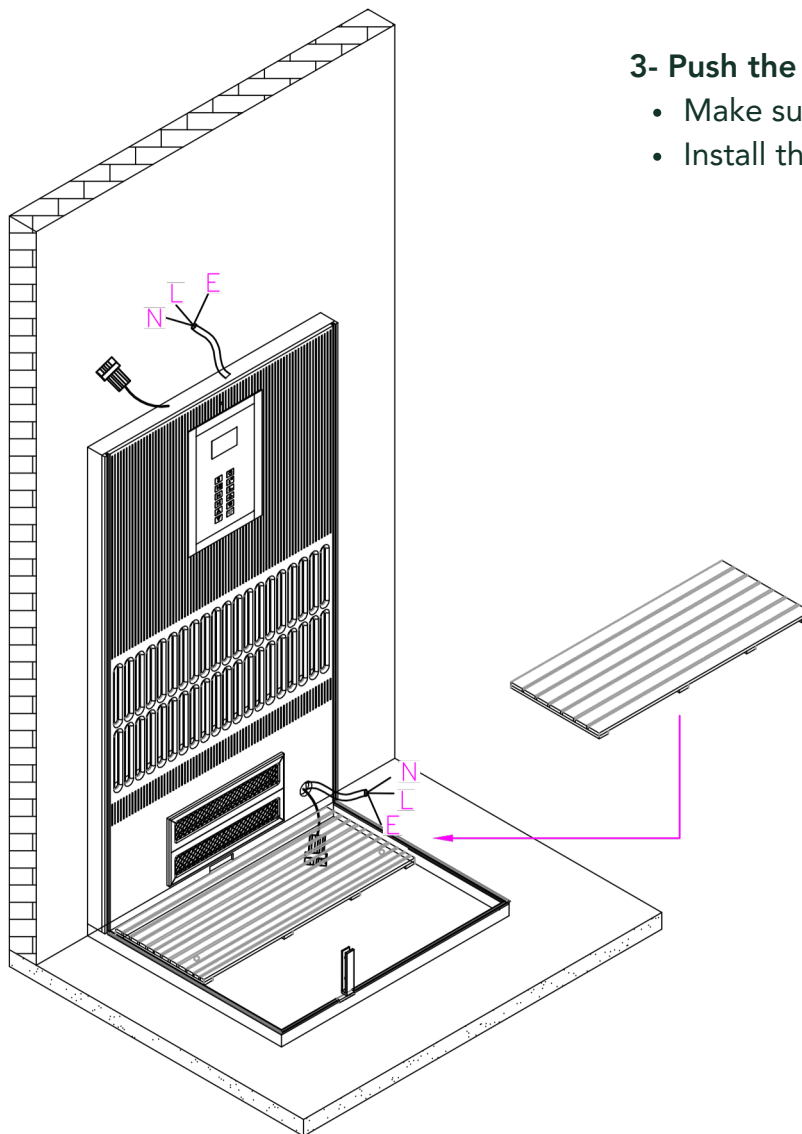
Make sure to locate it at least 24" from the wall.



2- Install the back panel.

- Pull the upper connecting wires to the outside of the panel.
- Route the lower wires into the cabin.
- Secure the panel with five ST4x30 self-tapping screws.



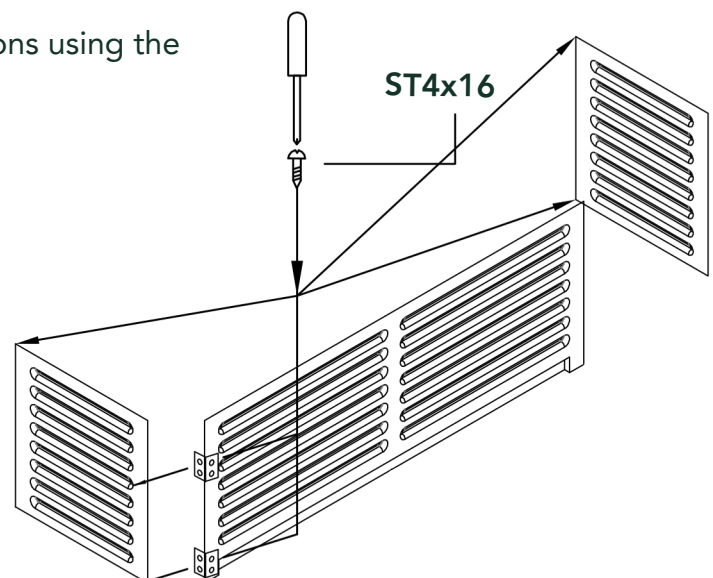
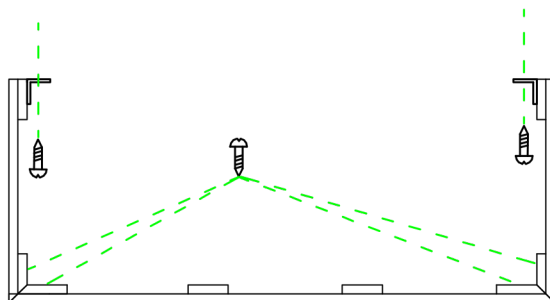


3- Push the sauna against the wall.

- Make sure it sits in its final position.
- Install the first flooring onto the base frame.

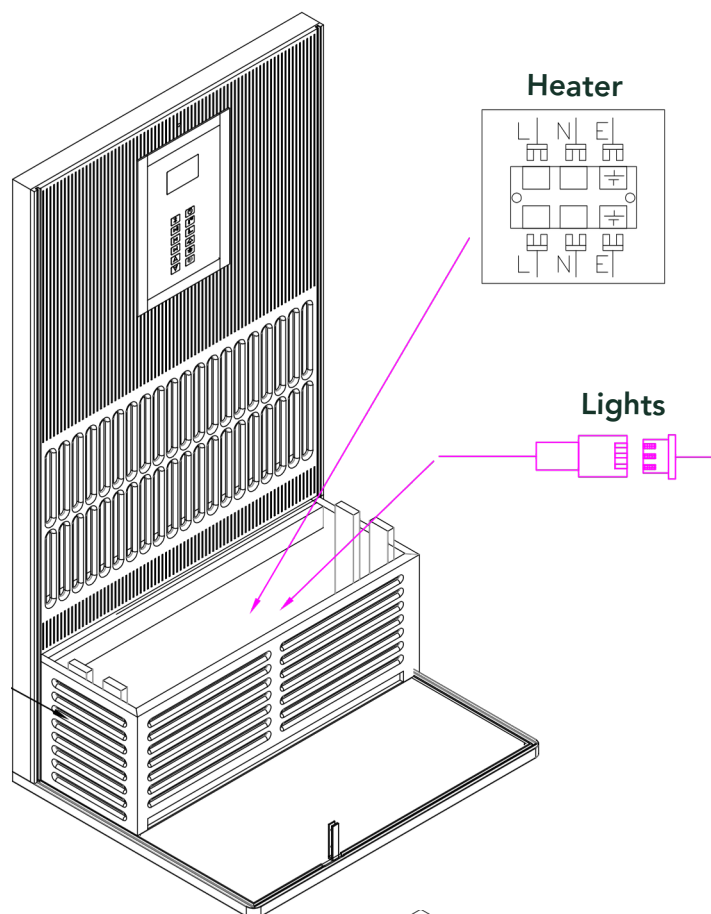
4- Assemble the bench support.

- Assemble the three bench-support sections using the 90-degree brackets and ST4×16 screws.

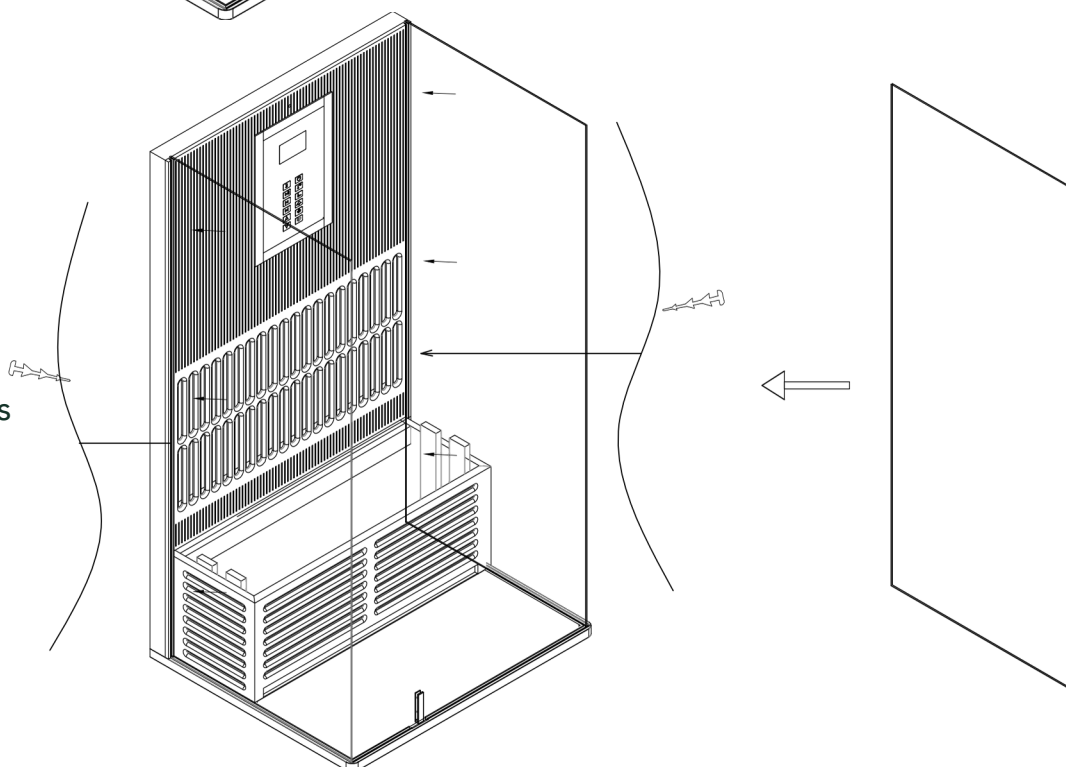


5- Connect the light strips and install the bench support.

- Connect the bench-support heating cables to the matching terminals on the back panel, following the wire markings.
- Connect the bench-support light-strip plugs to their matching back-panel plugs.

**6- Install side panels.**

- Install the left and right fixed glass panels in the side-profile grooves. Secure their outer edges with the single-sided rubber strips.

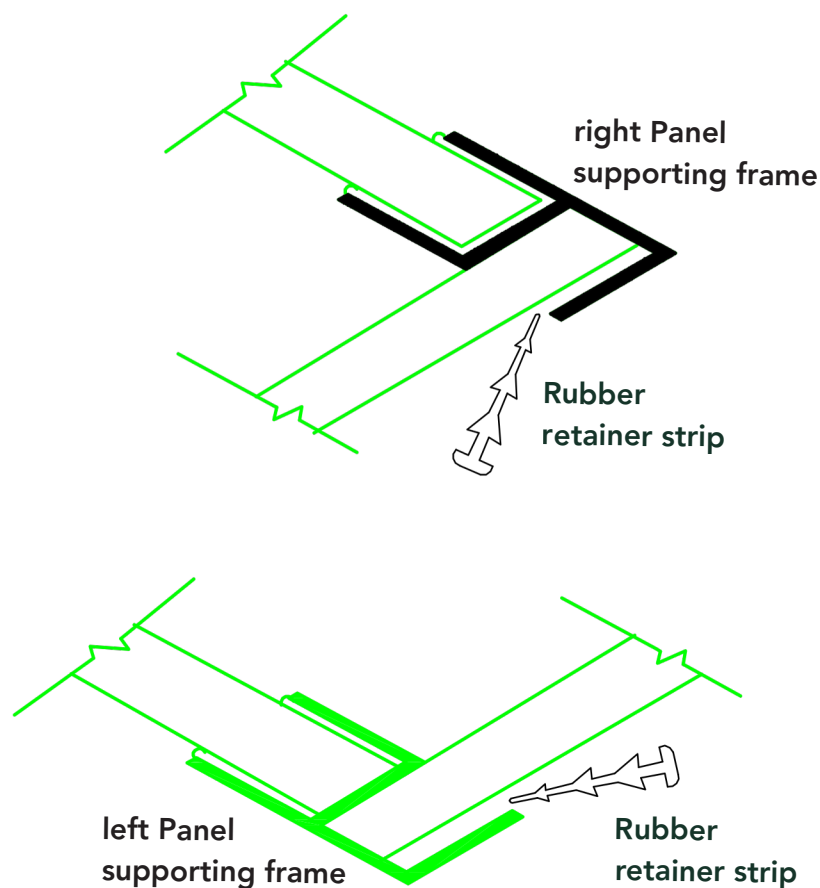
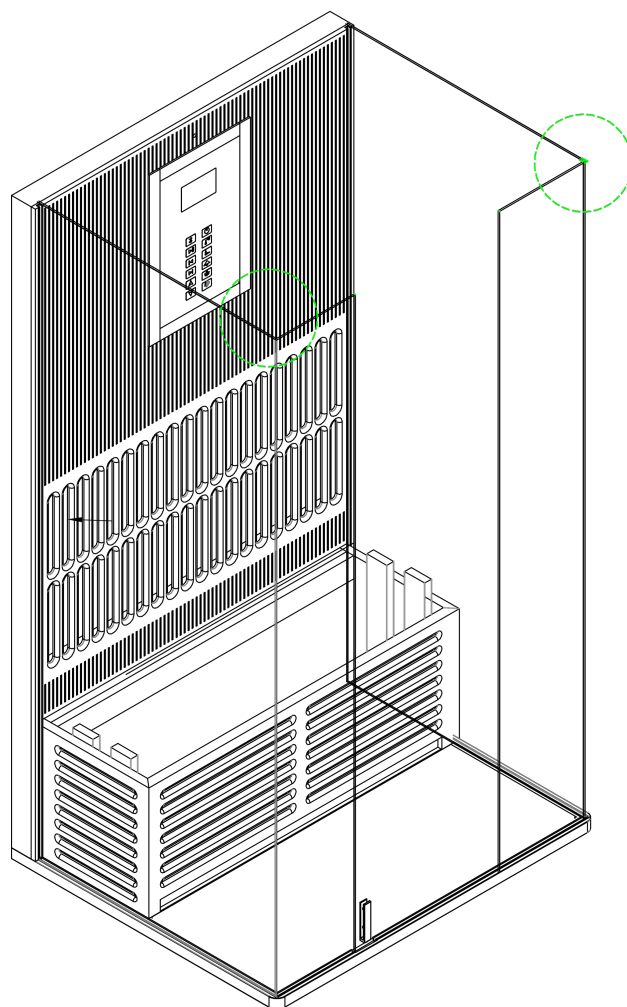


7- Install front panels.

- Install both front fixed glass panels in the corner-profile grooves.
- Make sure the panels are resting securely along the whole side and bottom frames.

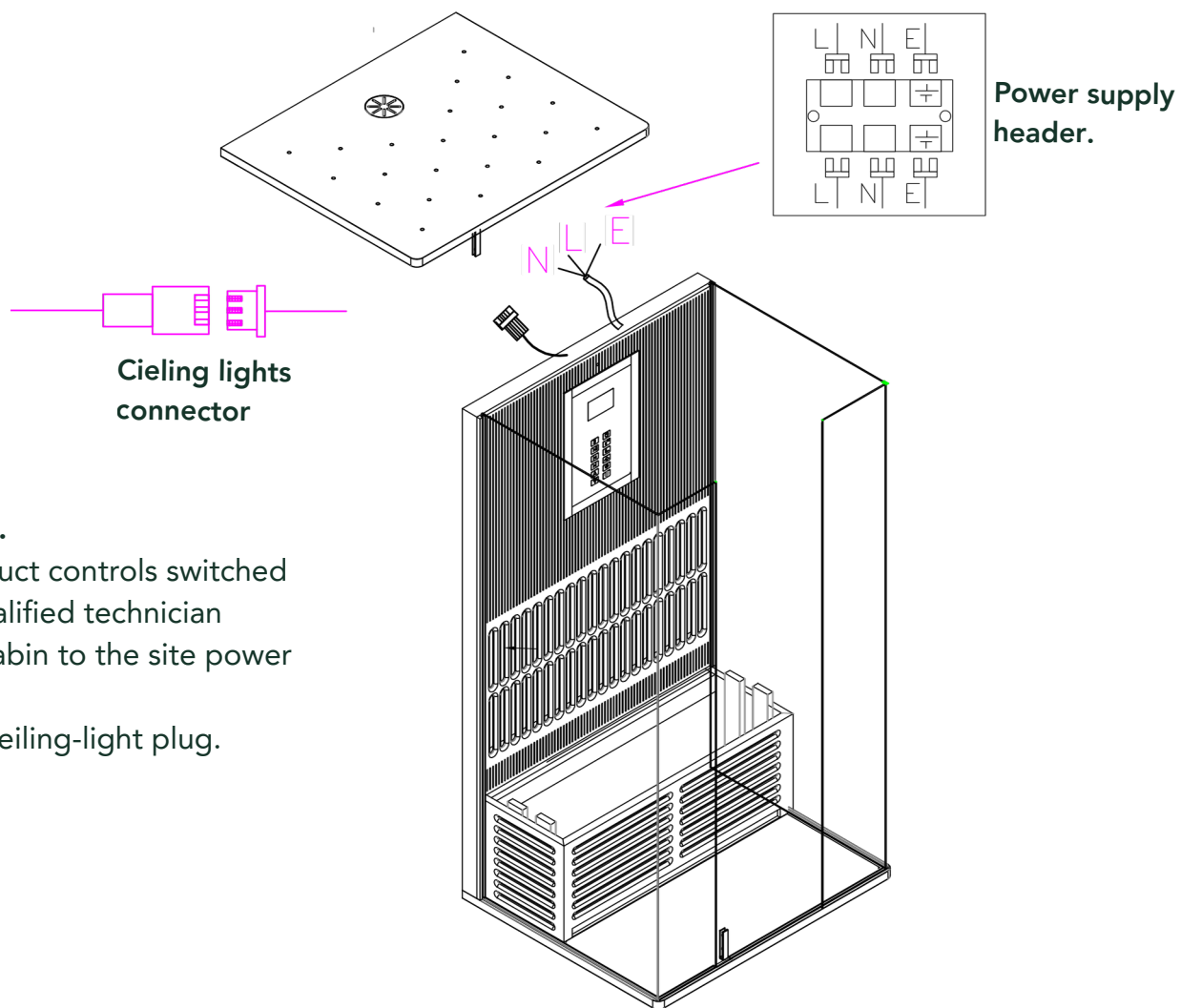
NOTE

If any of the panels seem unstable or do not go all the way into the frames, remove said panel and make sure there is no debris inside said frame.



8- Secure the panels.

- Once the front panels are placed, secure them with the provided rubber retainer strip before continuing to assemble.



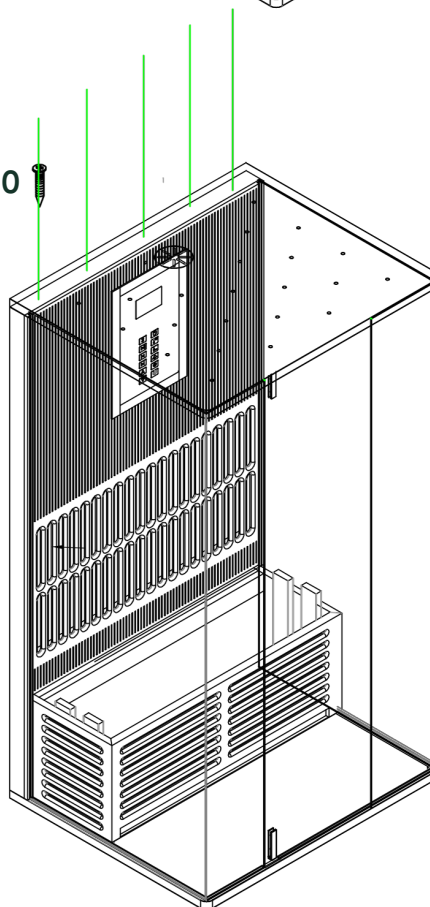
9- Install the roof.

- With the product controls switched off, have a qualified technician connect the cabin to the site power supply.
- Connect the ceiling-light plug.

5x ST4x50

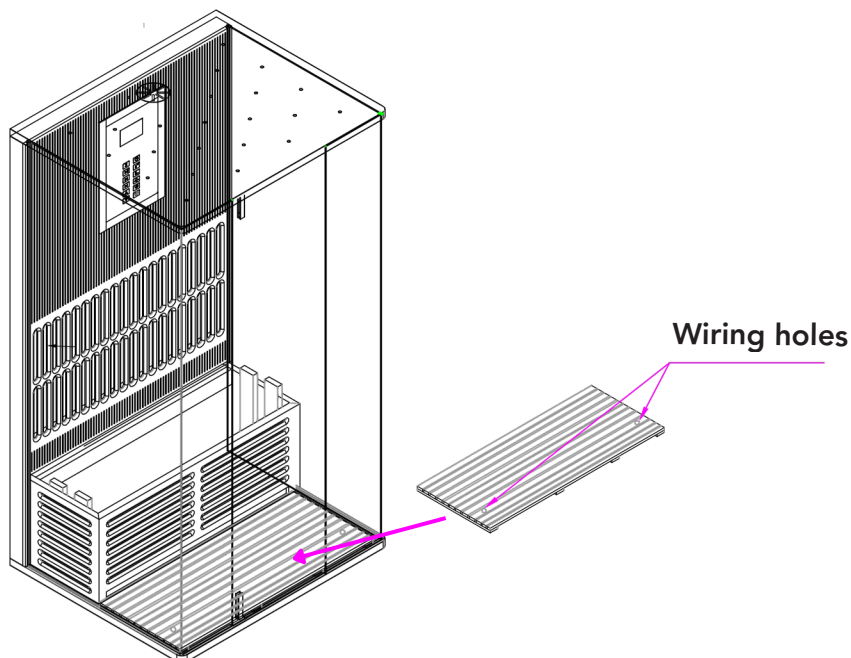
10- Secure the roof.

- Position the roof and secure it with five ST4×50 screws.



11- Install the second flooring.

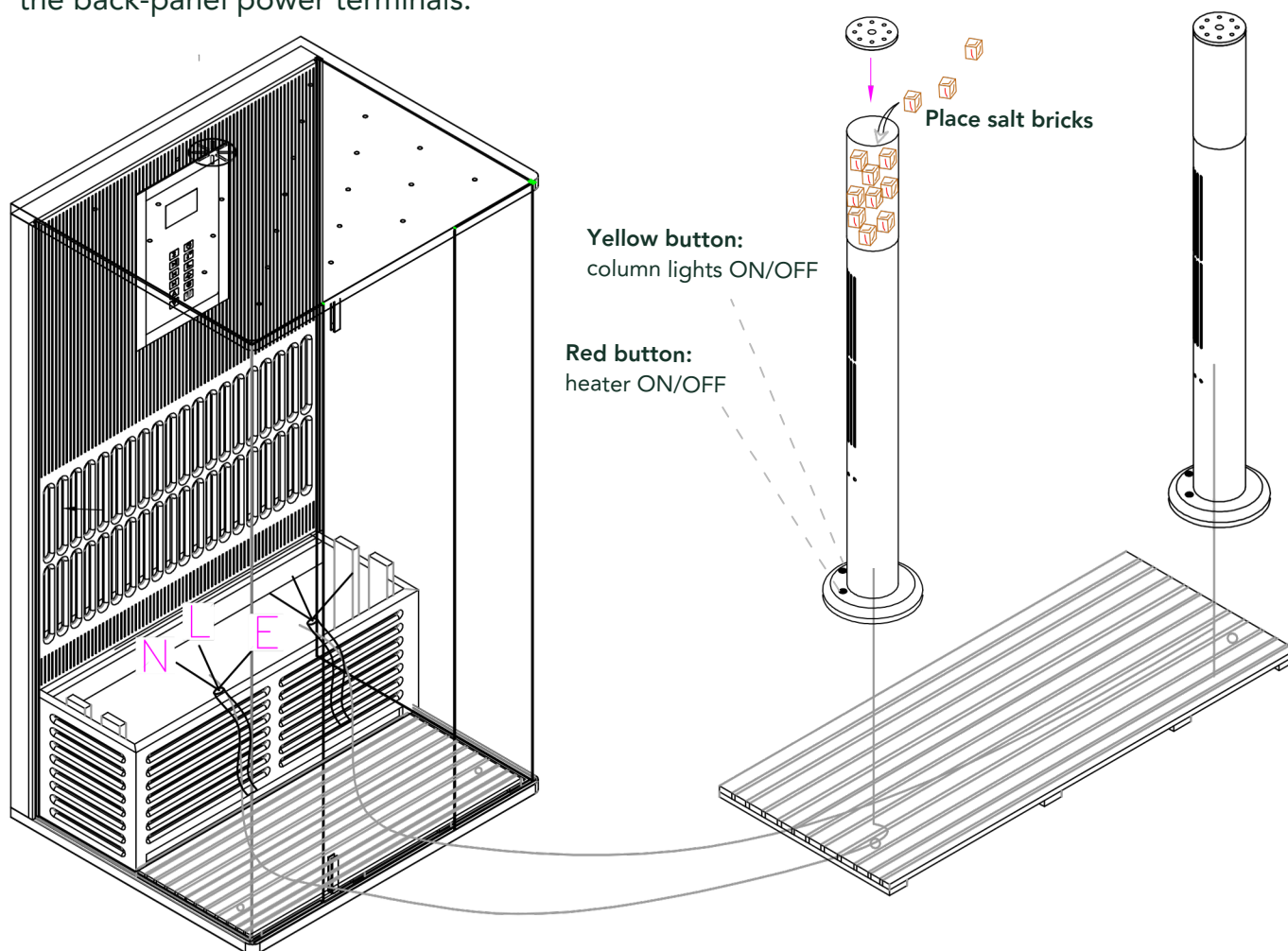
- It is identified by its wiring hole.
- Make sure the flooring is resting securely along the whole frame.



11b- Column heater installation (only applicable if specially ordered)

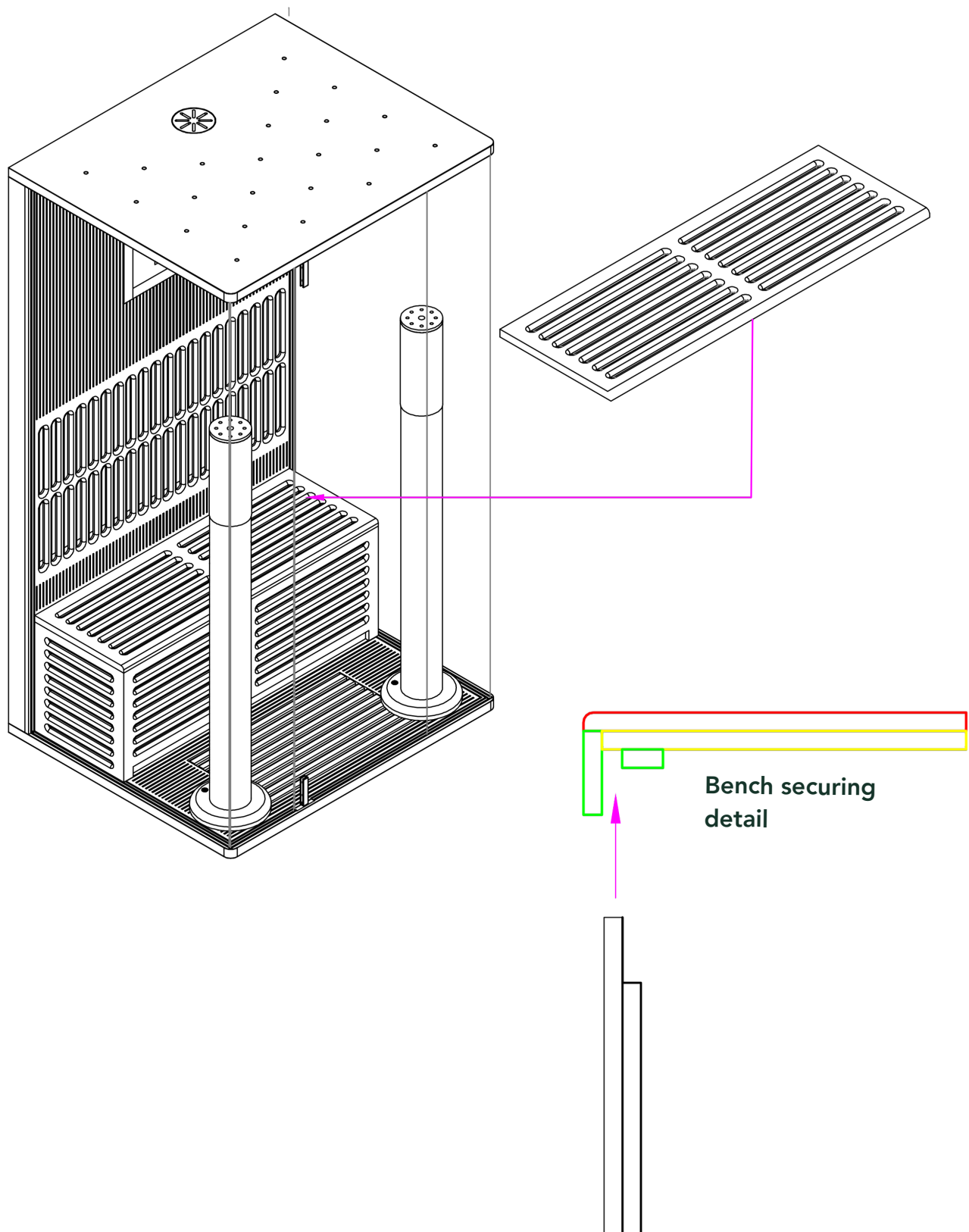
If frontal column heaters were ordered, make sure to **unpack and inspect them carefully** for any signs of damage. Handle with the utmost care, the installation process is as follows:

- Pass the heater power cables through the holes in the second flooring and connect them to the back-panel power terminals.



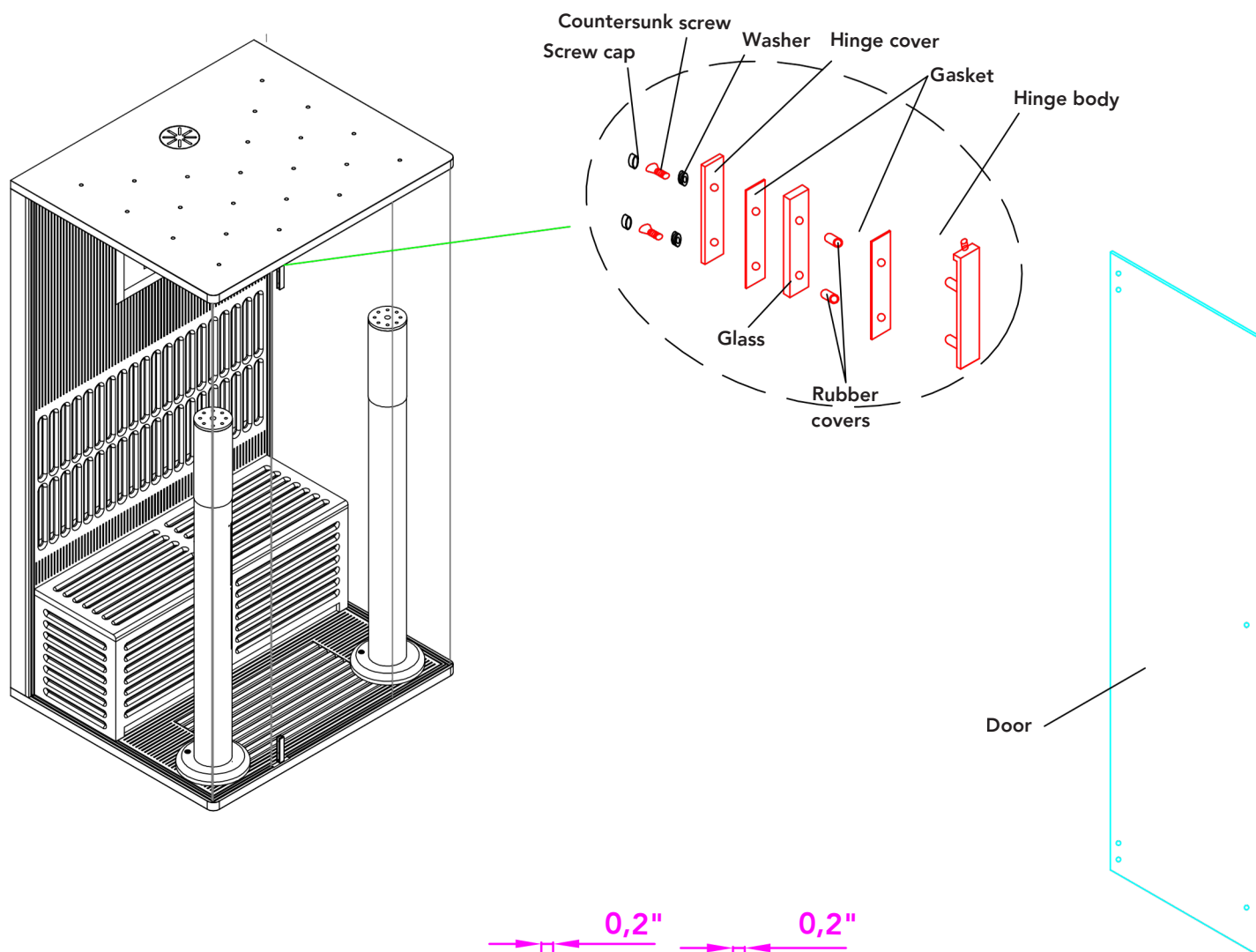
12- Install the bench.

- Place the bench panel so it sits securely on top of the bench support frame and doesn't move.

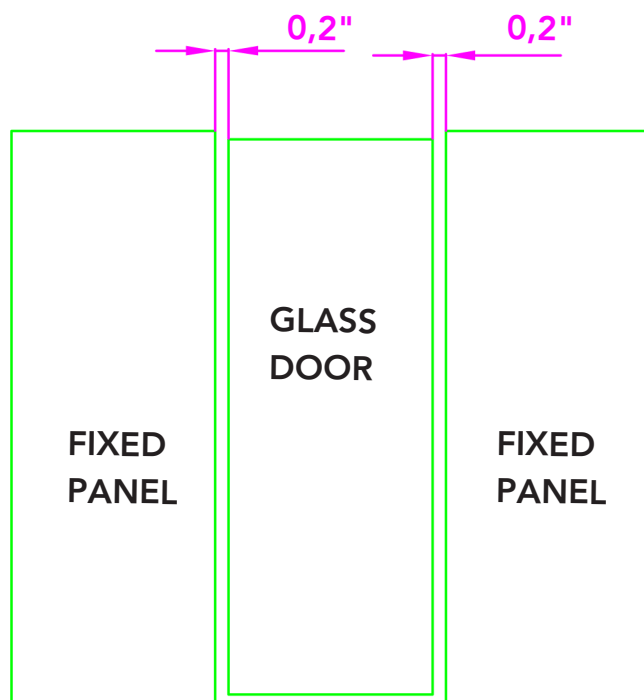


13- Install the door.

- Install the movable glass door using the hinge parts.
- Adjust the door to leave a 0.2-inch gap between the movable and fixed glass panels.

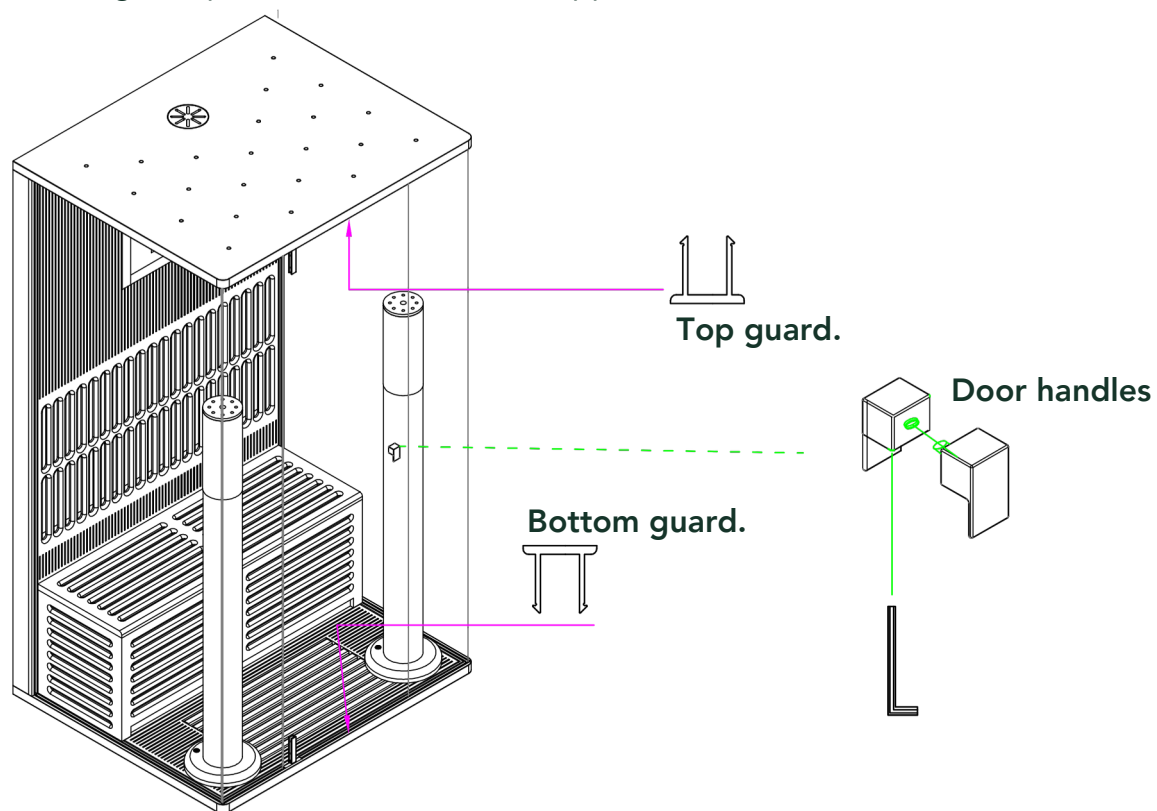


Glass gap detail.

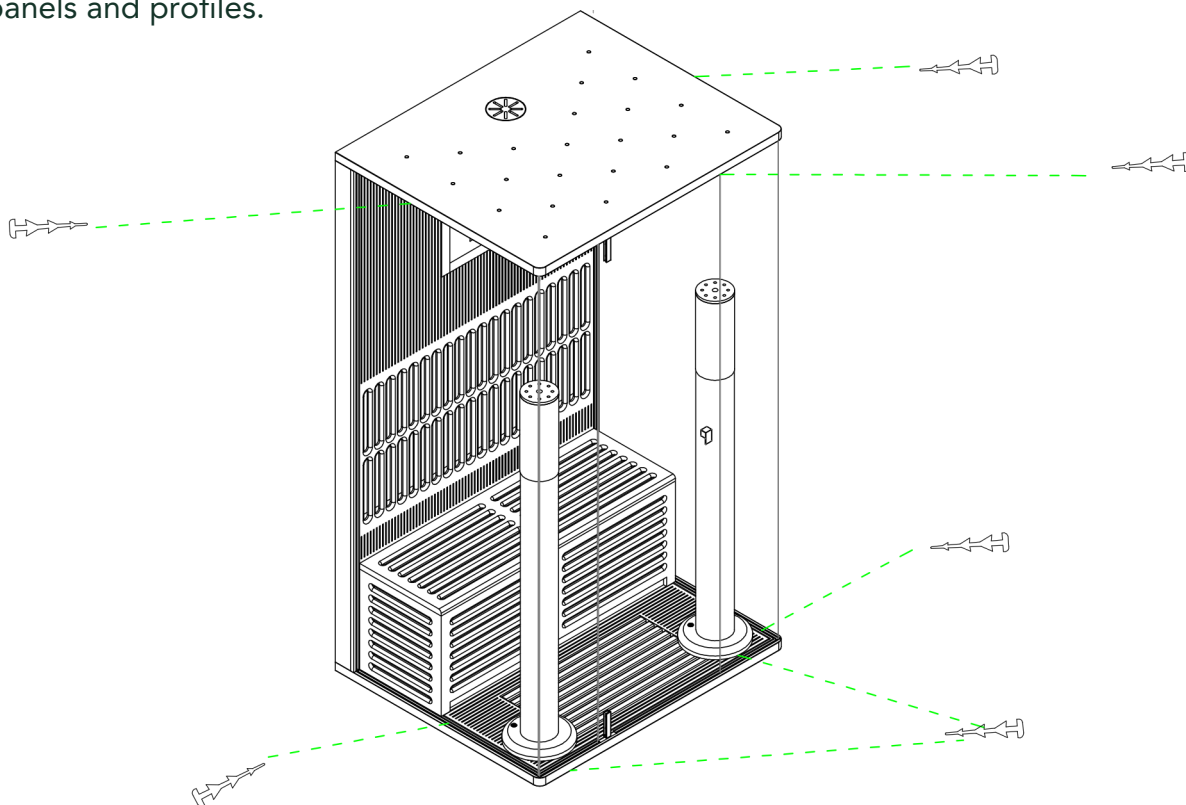


14- Install the handle and door guards.

- Install the door handle via their respective screws.
- Clip the door guard profiles onto the door's upper and lower aluminum sections.

**15- Seal the glass.**

- Insert the remaining single-sided rubber strips into the gaps between the fixed glass panels and profiles.

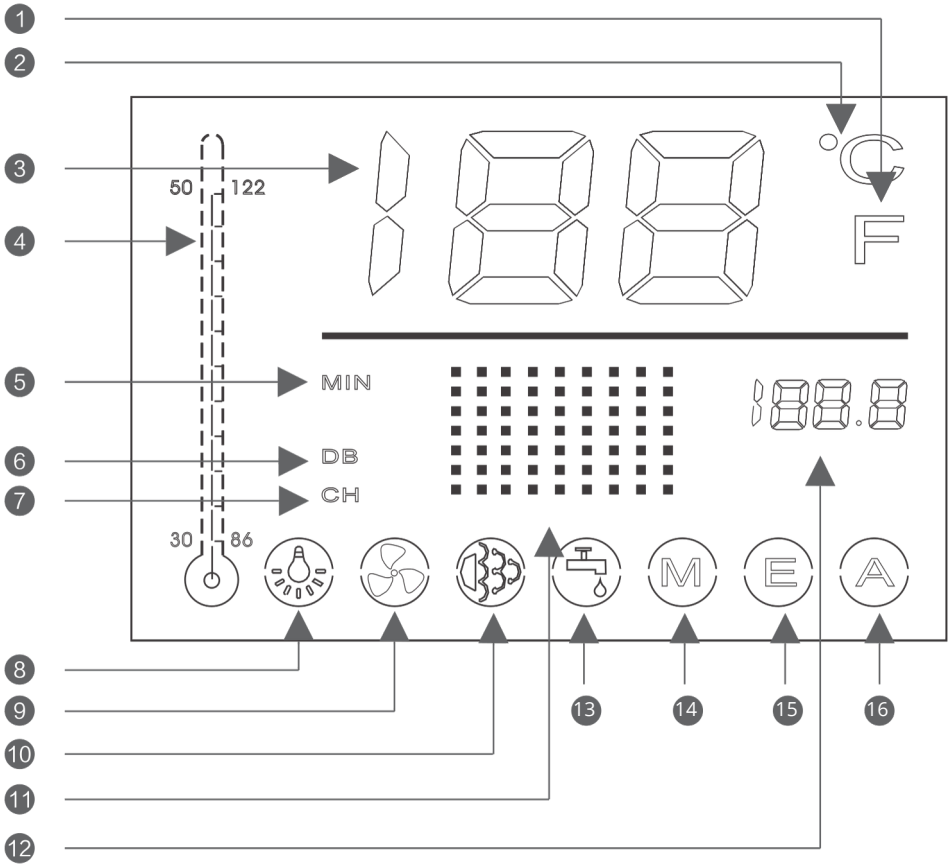


SAUNA USE

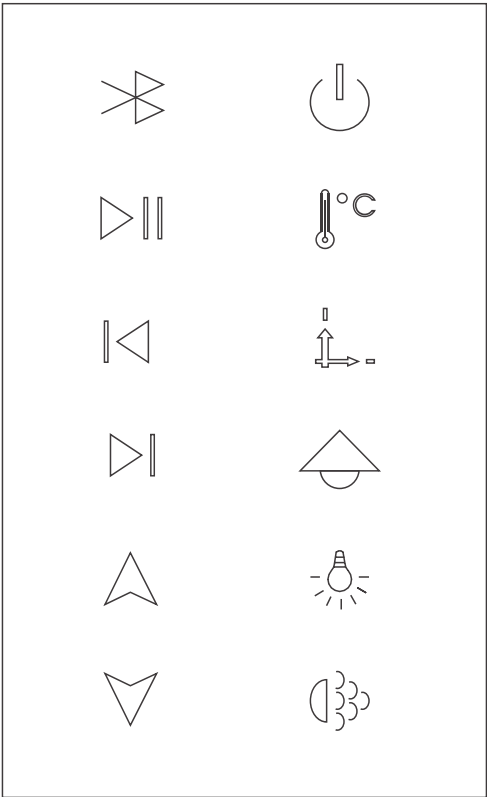
1	INTERFACE DETAILS	27
2	SAUNA STARTUP	28
3	TEMPERATURE SETTING	29
4	TIME SETTING	30
5	CHROMATHERAPY SETTING	30
6	BACKGROUND LIGHTING	31
7	INFRARED HEATER CONTROL	31
8	SOUND SYSTEM	32

1 INTERFACE DETAILS

DISPLAY AND CONTROL PANEL



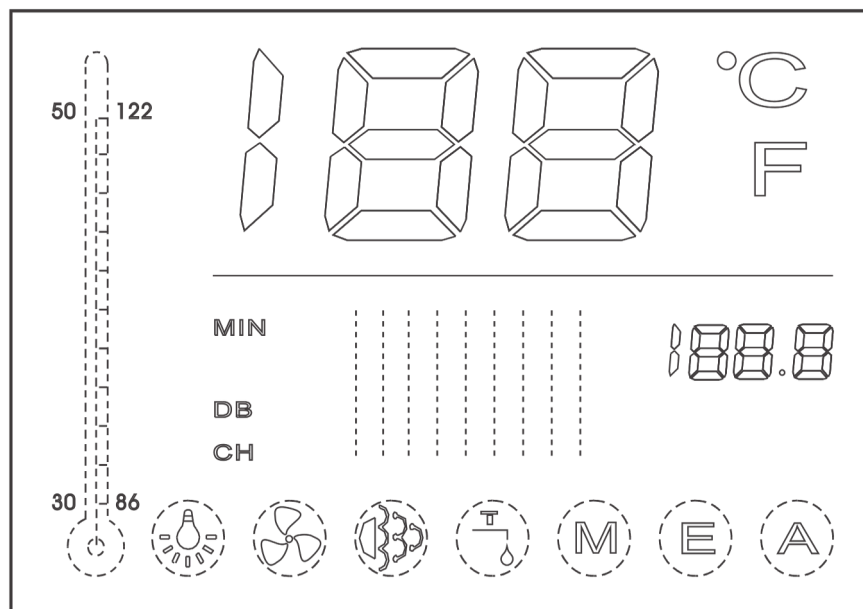
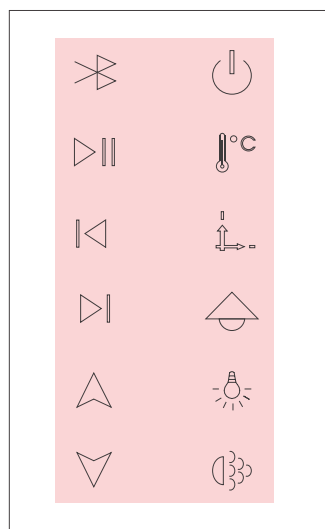
1	Fahrenheit degree
2	Celsius degree
3	Temperature
4	Temperature indicator
5	Time setting
6	Volume
7	Musical selection
8	Chromatherapy
9	Ventilator
10	Infrared sauna
11	Power on indicator
12	Bluetooth on/off
13/15	Standby for future upgrade
14/16	Standby for future upgrade



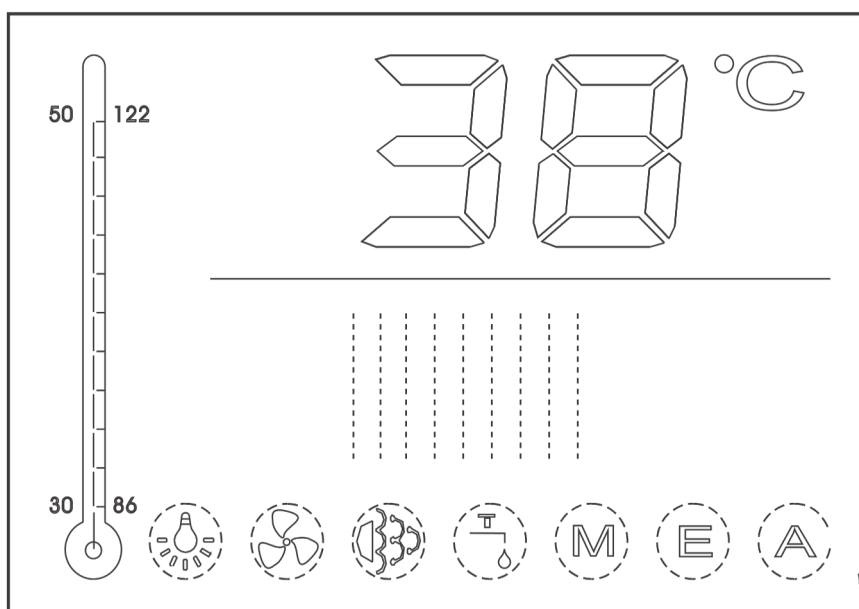
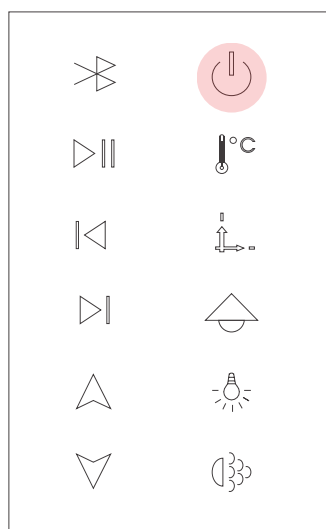
	Bluetooth
	Play/Pause
	Previous
	Next
	+ Adjustment
	- Adjustment
	Power on/off
	temperature setting
	System time setting
	Background Light on/off
	Chromatherapy on/off
	Infrared sauna on/off

2 SAUNA STARTUP

- Press any button on the panel for the startup screen to light up in the display.

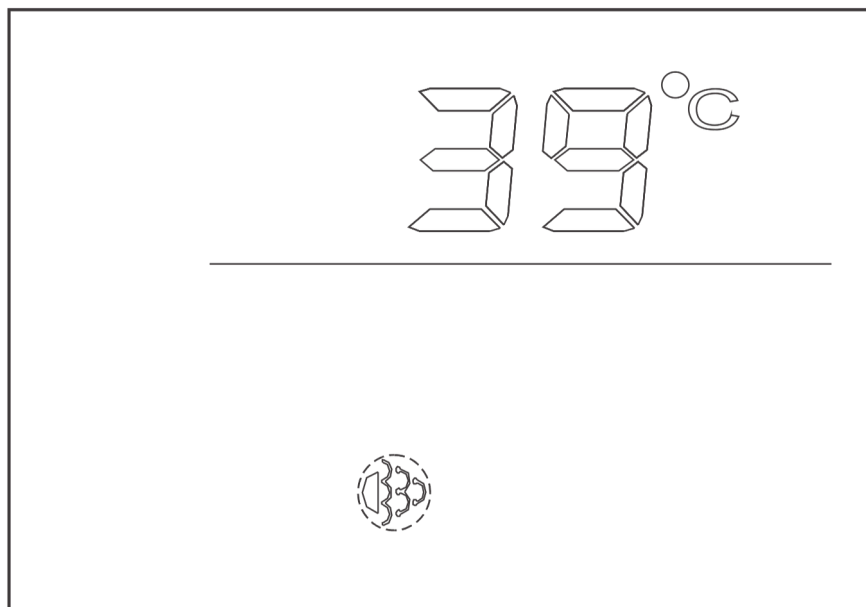
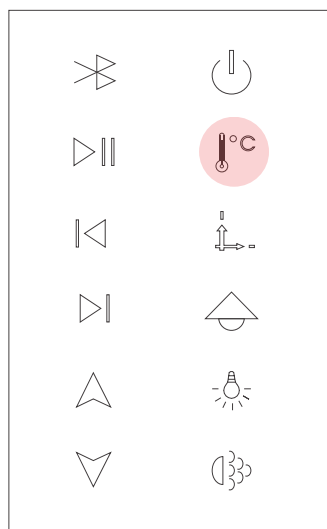


- Once the startup screen is visible, press the Power button to begin sauna operation.
- Basic data and operation mode of the sauna will be shown.



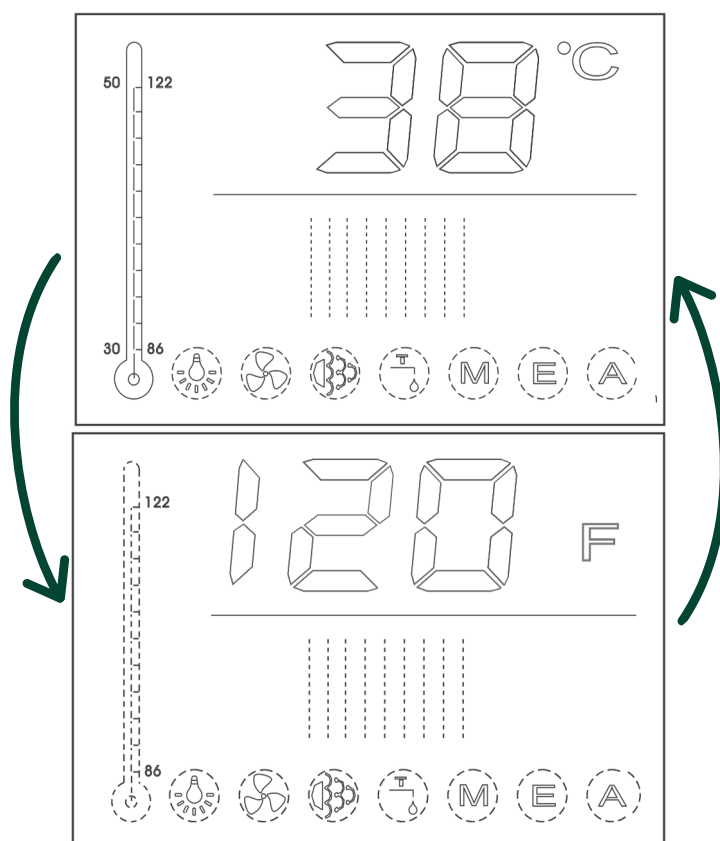
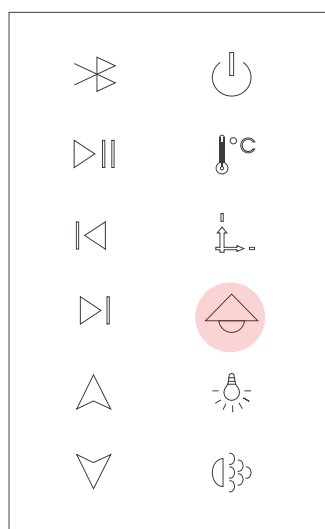
3 TEMPERATURE SETTING

- Press the Temperature setting button and hold it until the screen displays the desired temperature.
- The display will cycle up between 20 and 59°C (68-128°F) while holding the button.



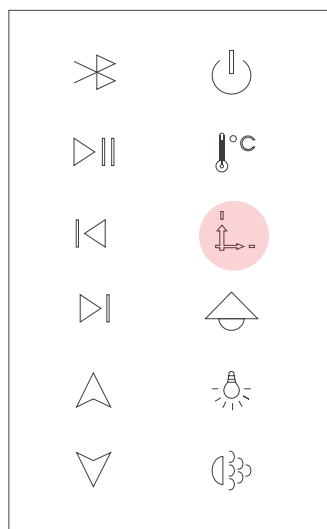
CHANGE TEMPERATURE UNITS

- Press the background lighting button for at least 3 seconds to change units between degrees Celcius an Farenheit.



4 TIME SETTING

- Hold the System time button to cycle up through session times between 20 and 59 minutes.
- Release the button once you reach the desired session time.

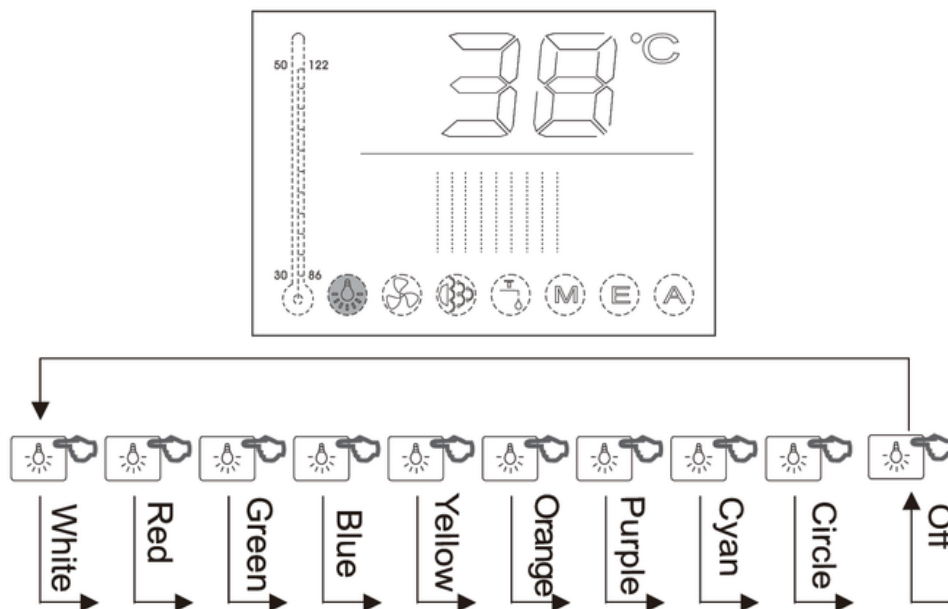
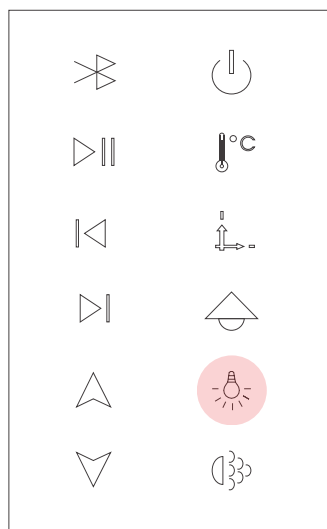


TIMED SESSION DEFAULT

- The default session length is set at 45 minutes, if you change this value, then the sauna will only operate in single intervals of the new set session length at a time.

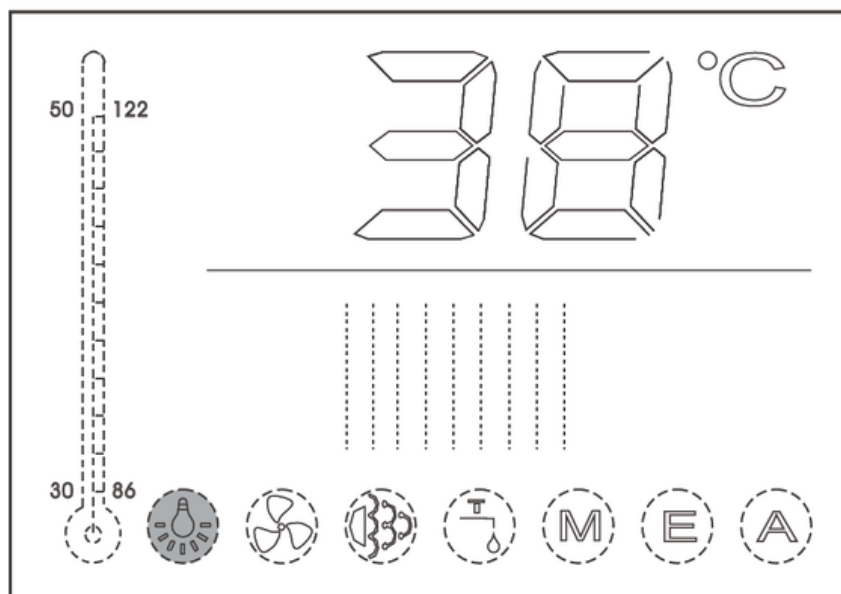
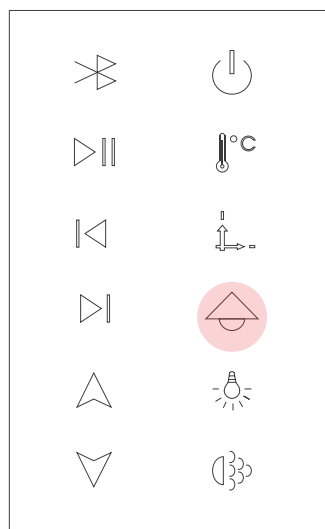
5 CROMATHERAPY SETTING

- Press the Chromatherapy on/off button repeatedly until you reach the desired light color, cycling through all will turn them off and start the cycle again.



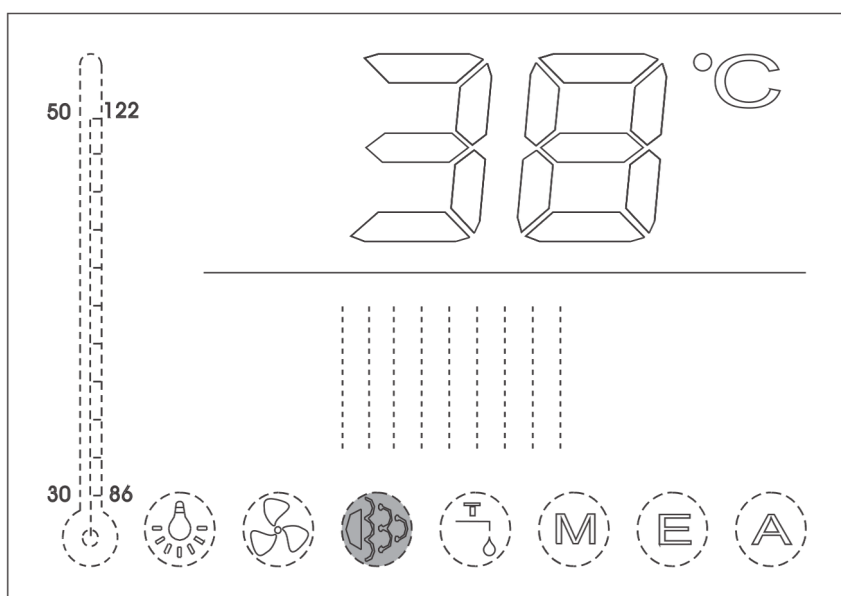
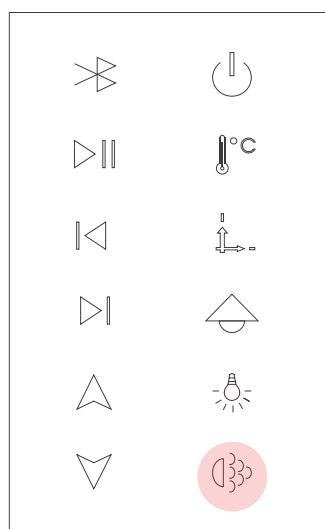
6 Background lighting

- Press the Background lights button to turn them on and off, when the lights are On the lamp icon on the display will blink to indicate it is enabled.



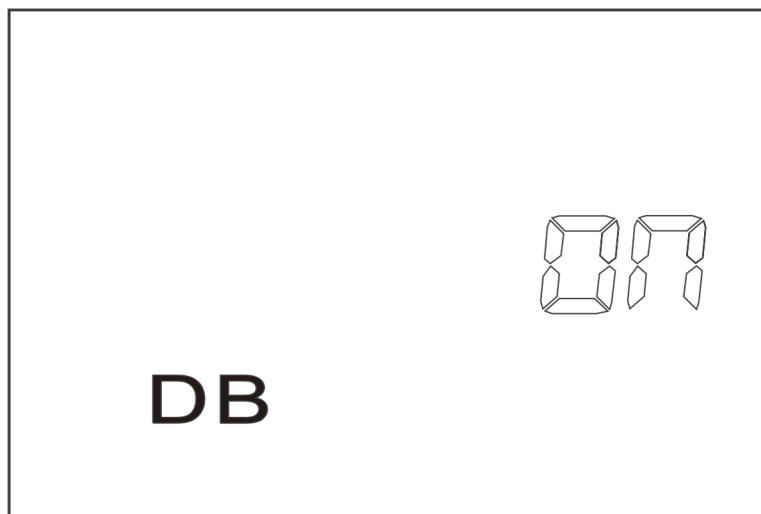
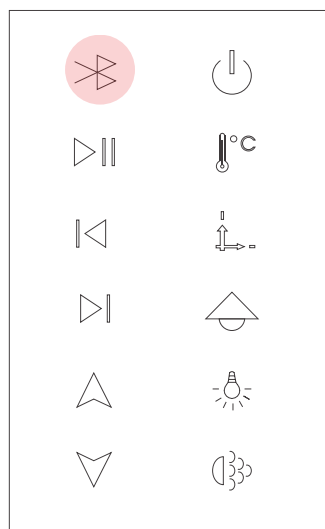
7 INFRARED HEATER CONTROL

- After pressing the Infrared sauna on/off button, the heater icon in the display will begin blinking.
- The heaters will turn off automatically once the temperature exceeds the set levels and turn on when the sensor detects the cabin is 2°C below the set temperature.



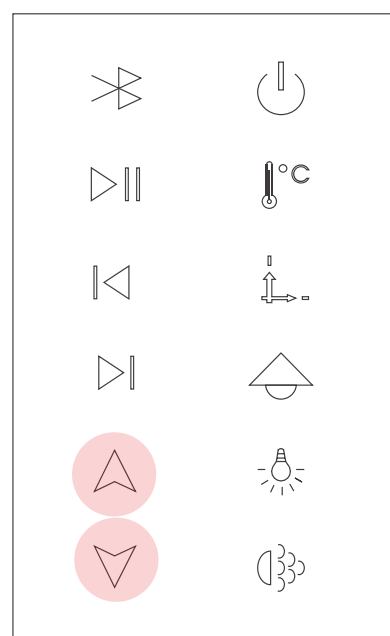
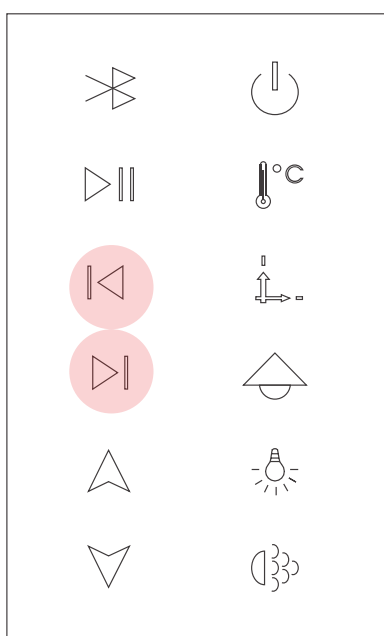
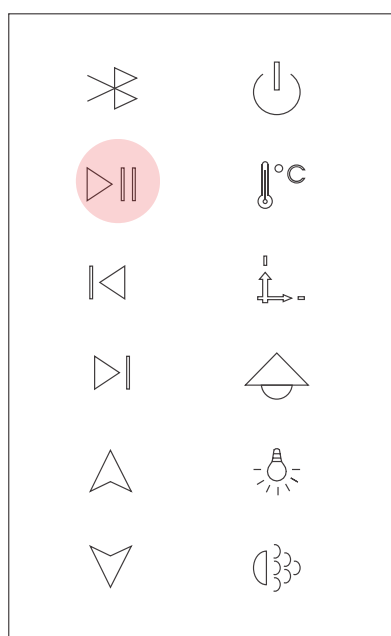
8 SOUND SYSTEM

- Press the Bluetooth enable button twice to turn the sound sistem on, then press it again to enable pairing mode.



MUSIC CONTROL

- Press the **play/pause**, **previous**, **next**, **volume up** and **volume down** buttons accordingly to navigate through your playlist.





CASA BLUI

Casa Blui
Operational Headquarters: Miami, Florida, USA
Phone (+1) 305 701 4029 sales@casablui.com /
www.casablui.com