



# INSTALLATION MANUAL

## MXOS2000—3rd Generation

### Hybrid Sauna

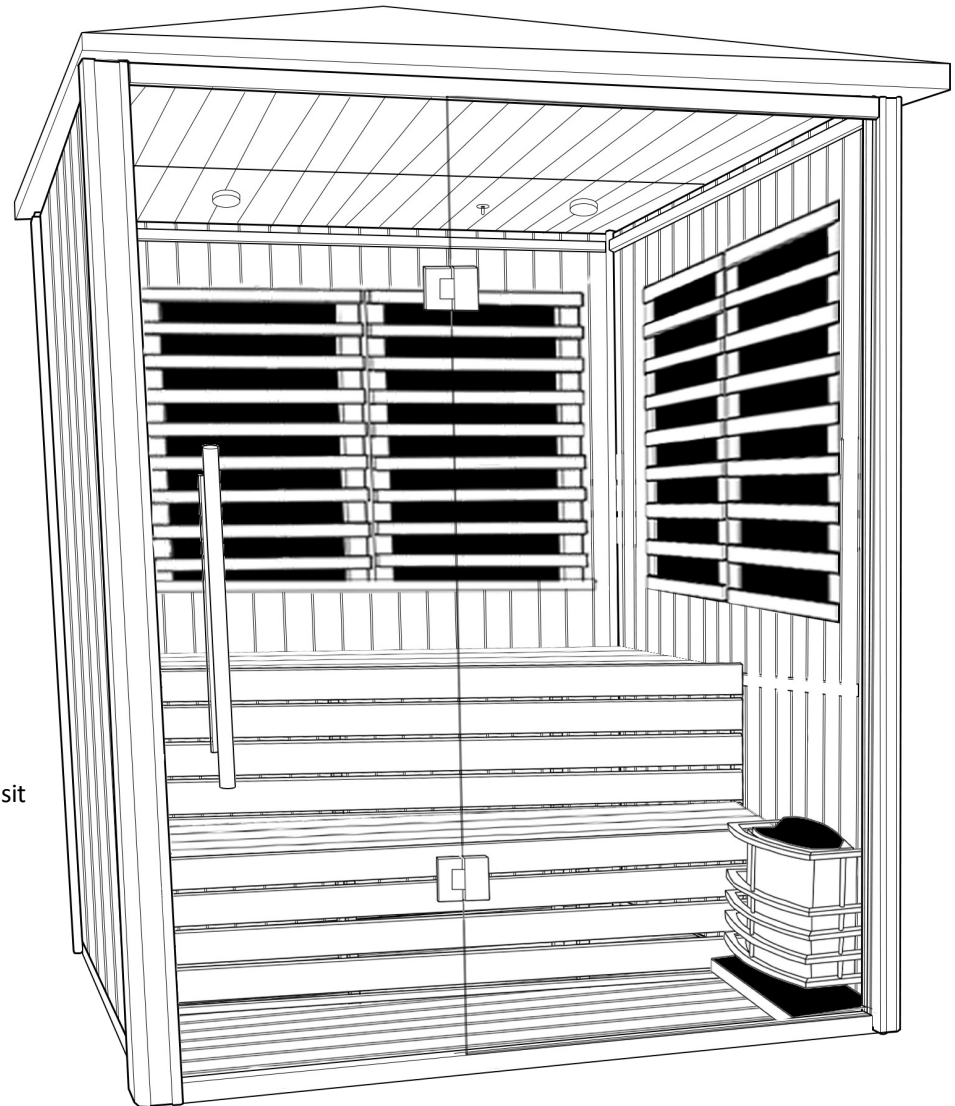


**Replacements Parts:** Inside of your warranty period visit:  
<https://www.insigniashowers.com>, click support and make a warranty claim.

**Spares/Replacements Parts:** Outside of your warranty period visit  
<https://www.insigniashowers.com/replacement-parts.html>

**ATTENTION INSTALLERS:**

These instructions must be left with the customer



**CHECK ALL CONTENTS BEFORE BUILD COMMENCES. NO RETURNS CAN BE MADE ONCE THE BUILD HAS STARTED AS IT IS DEEMED ACCEPTANCE OF PRODUCT!**

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Thank you for your recent purchase of an Insignia Sauna. Please read this booklet with great care to ensure you get the best out of your build and have a Sauna that will last for many years to come! Like everything, in order to obtain a first class product that will serve you well for many years, the effort and correctness put into the assembly will reflect in the quality of your finish.

## **IMPORTANT!**

**Allowing for freedom of colour wood protection choice, enabling blending to surroundings, your saunas wood has NOT been treated or preserved in any way. The following is critical (wood sauna only)**

### **OUTDOOR SAUNAS**

**CHOOSE BUILD DAYS WITH LOW HUMIDITY / NO RAIN / WET WEATHER IN COMING DAYS.**

## Electrics

## Tools Required

### Stove

Harvia 6kW 380 volt 3 phase dedicated feed connection or 240 volt single phase option

### Infrared Heaters

6 x 330 watt (1980 watts total/8.25 amps) 240 volt single phase connection

### Other

LED lighting, radio, Bluetooth etc 240 volt single phase 120 watts

Total rating 8100 watts

Amperage 33.75 amps

Always consult a qualified Electrician before connection as to suitability Your electrical contractor will understand ALL legal requirements of connection before undertaking any work or installation.

**UNDER NO CIRCUMSTANCES UNDERTAKE THIS YOURSELF. ALWAYS USE AN ELECTRICAL CONTRACTOR AND ENSURE LEGAL CERTIFICATION IS GIVEN ON COMPLETION**

The MXOS2000 has provision for 240 volts. The 6kW stove has facility for the connecting options. Your qualified electrician will advise on the method they feel best suits your situation and electrical supply along with any potential benefit either may have.

- Scissors
- Knife
- Spirit Level
- Tape Measure
- Philips Screwdriver
- Electric Drill
- Safety Gloves
- Safety Glasses

## What's in the Boxes?

Contents	Quantity	✓
Back Panel	1	[ ]
Left Panel	1	[ ]
Side Panel	1	[ ]
Fixed Glass	1	[ ]
Door	1	[ ]
Inner Roof (Halves)	2	[ ]
Big Roof	1	[ ]
Sauna Heater	1	[ ]
Heater Stand	1	[ ]
Heater Guard	1	[ ]

Contents	Quantity	✓
Light	1	[ ]
Door Handle	1	[ ]
Sauna Rocks	1	[ ]
Backrests	1	[ ]
Bench Top	4	[ ]
Bench Vertical Supports	2	[ ]
Under Bench Support	2	[ ]
Screw Pack	1	[ ]

### VERY IMPORTANT

Have you got everything? If not please contact the Insignia directly on **01908 317 512**. Remember **NEVER** book your tradesman until everything has arrived, been checked and is present. No replacement/missing parts can be obtained free of charge during or after the build. Any claims can only be within the timescale permitted (48 hours after delivery) and always **BEFORE** build.

## Installation Instructions

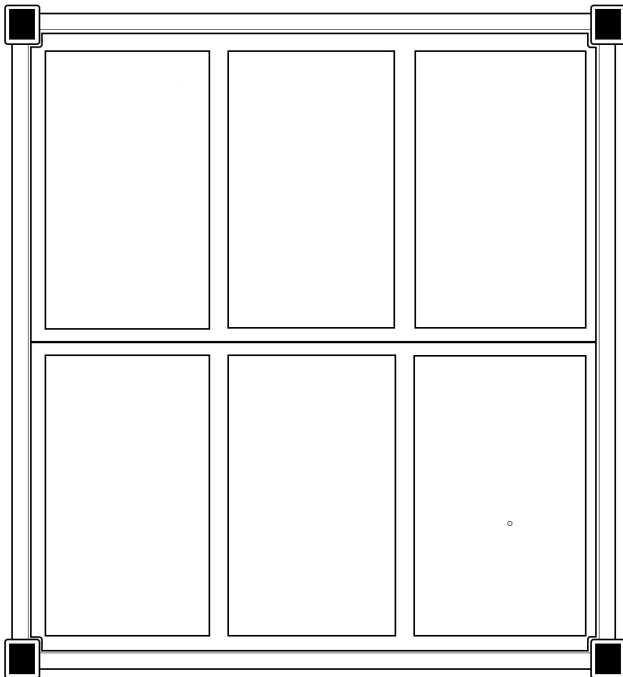
**Please note :** Must be installed on a solid and level base and will not warp over time. A slight run off towards the rear is preferable. The sauna must have clearance of the base during its life to avoid water transference.

## Maintenance Instructions

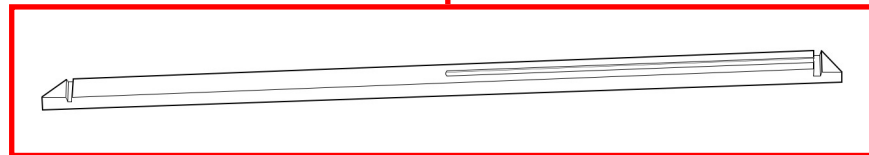
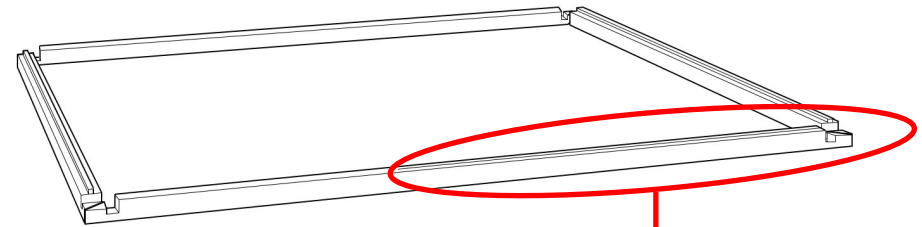
**Please note :** Like all timber products, such as garden sheds and fencing, garden saunas require full exterior wood weatherproofing treatment after installation to ensure long life and prevention of water ingress.

## Step 1 — Creating the base

**IMPORTANT:** If you have purchased the aluminium-clad sauna, it will be supplied with a metal base. This should be positioned first, and the sauna is then to be assembled directly on top of this base by following the steps outlined below. Ensure it's level.



**Create a square using the 4 bottom struts.**

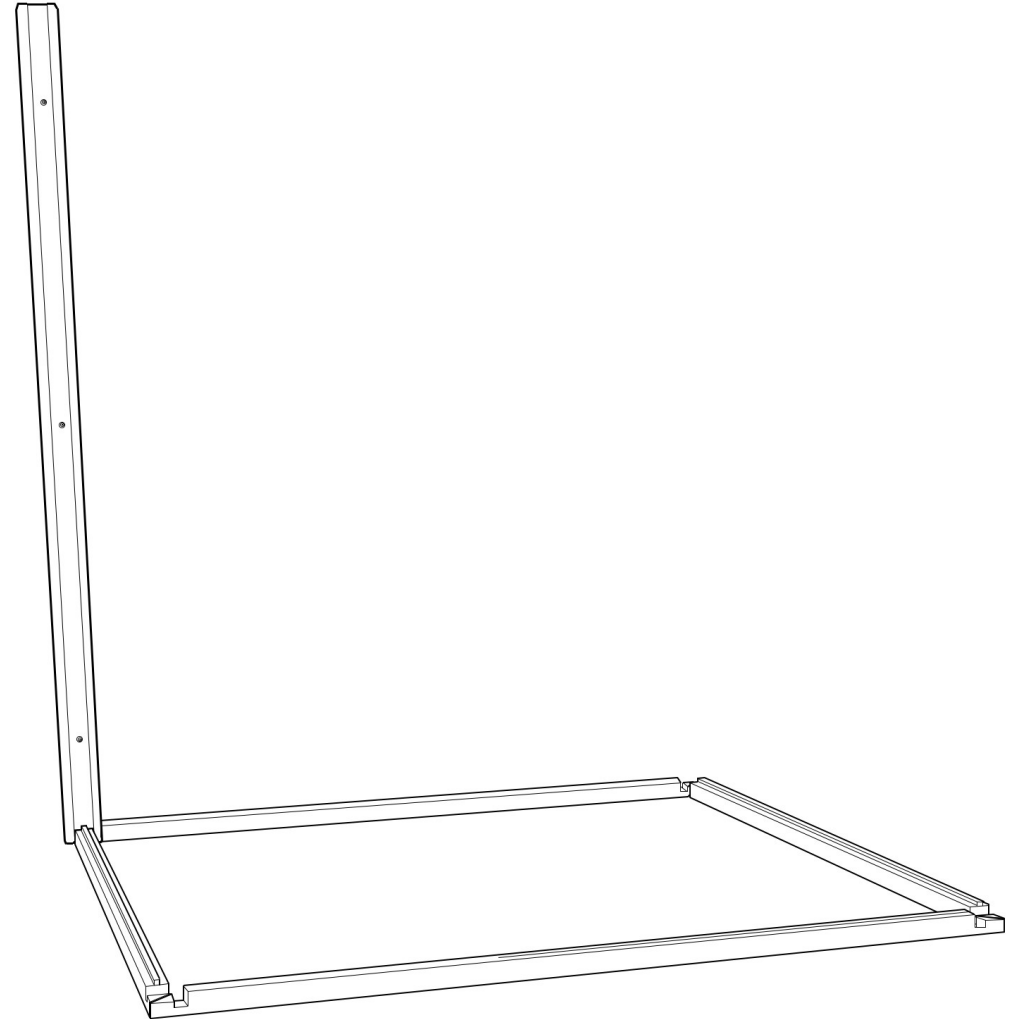
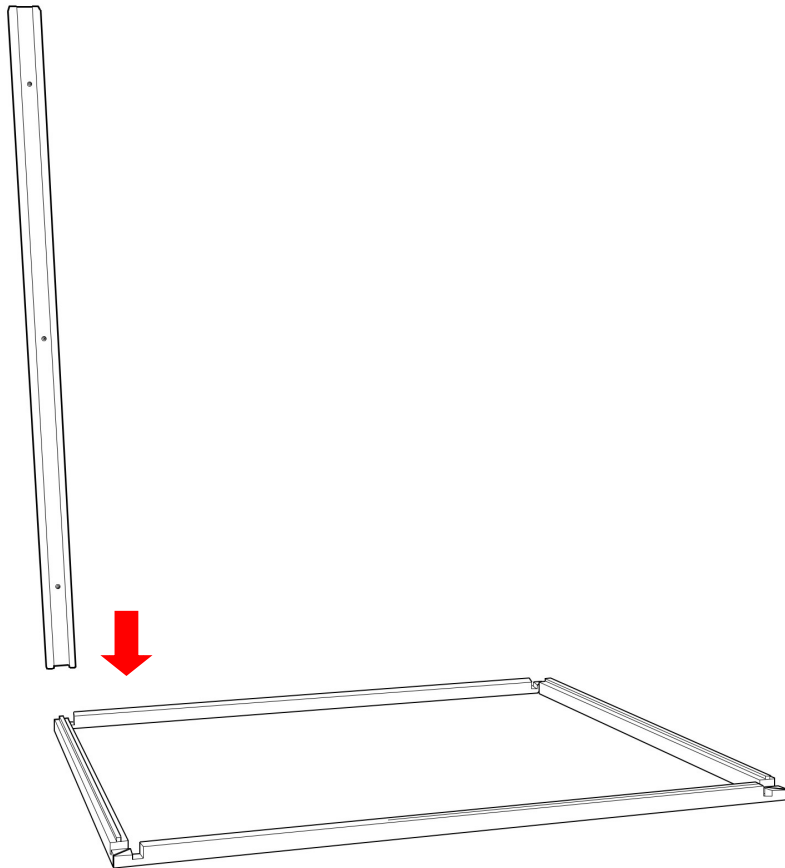


**Note:** The front strut has a groove cut out for the front fixed glass panel. Make sure this strut is at the front of the square.

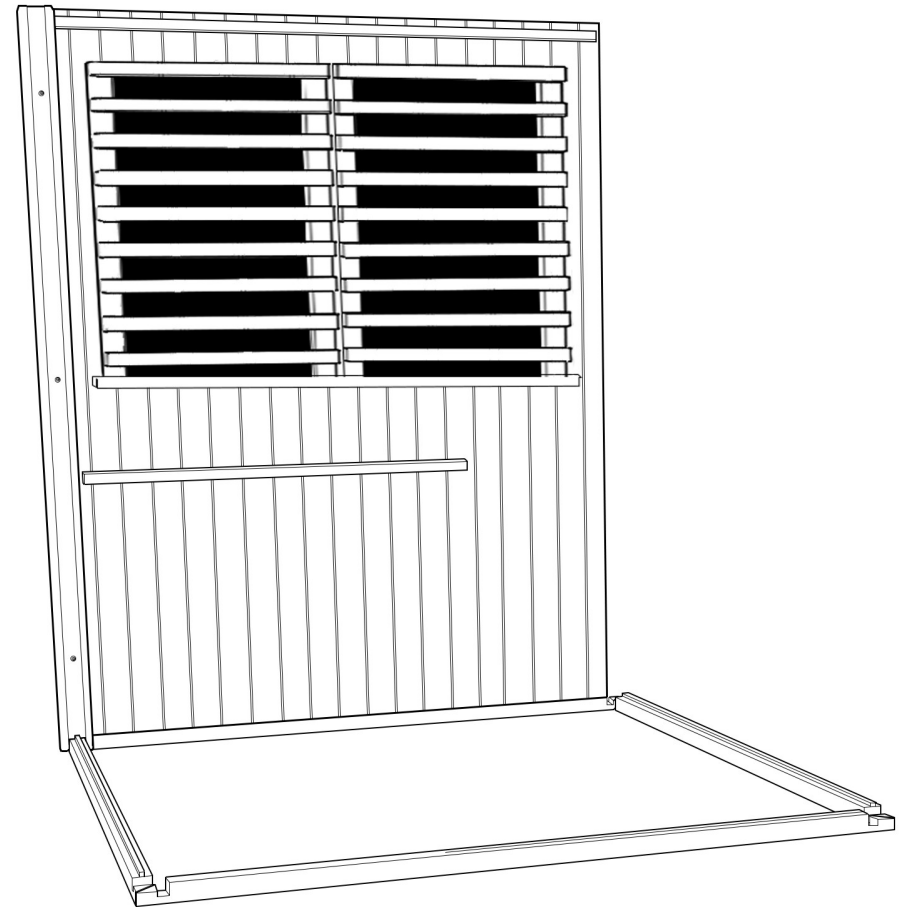
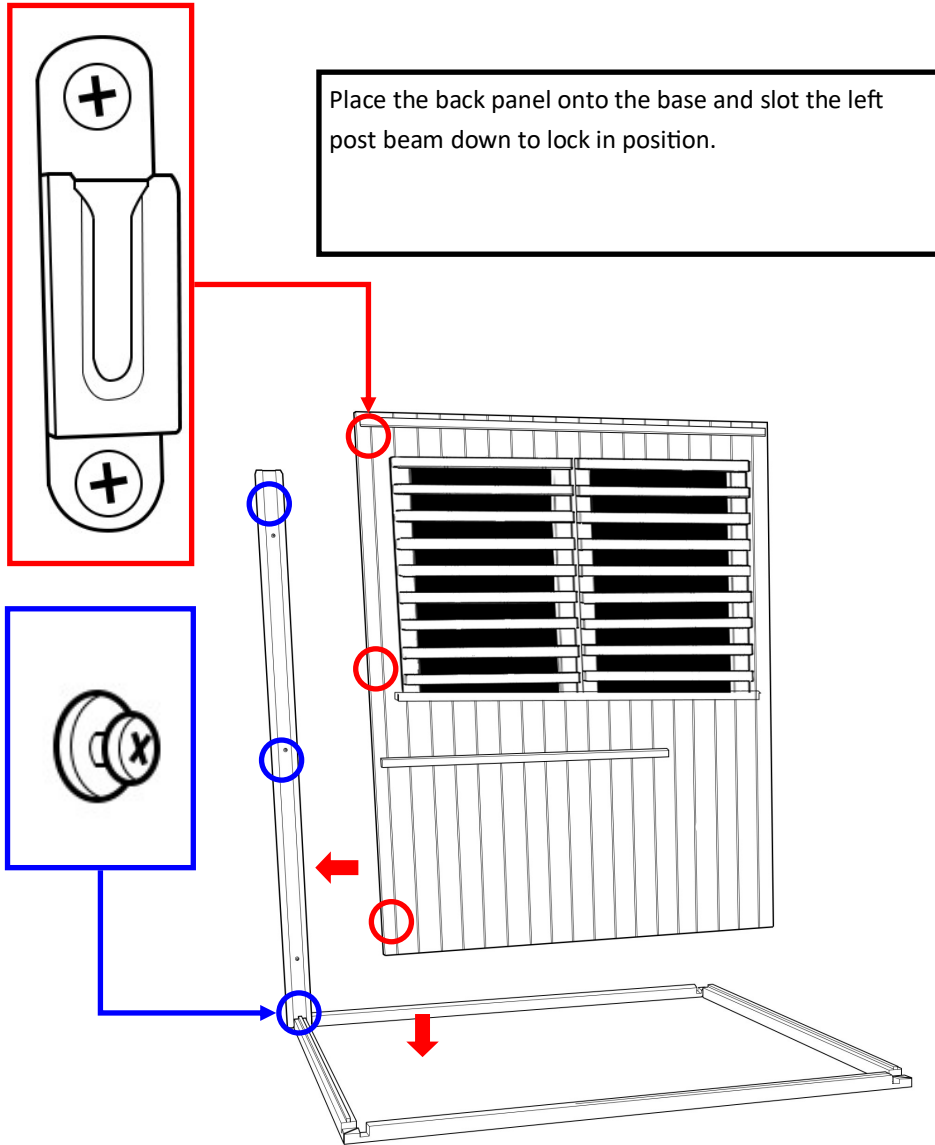
## Step 2 — Installing rear left upright



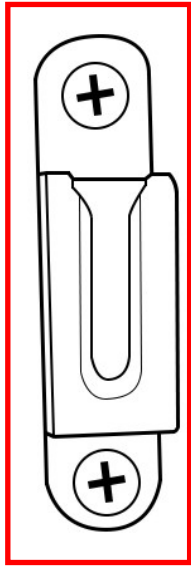
There will be 3 screw connections on two faces of the upright. They should face towards the back bottom strut and left bottom strut.



### Step 3 — Installing the back panel

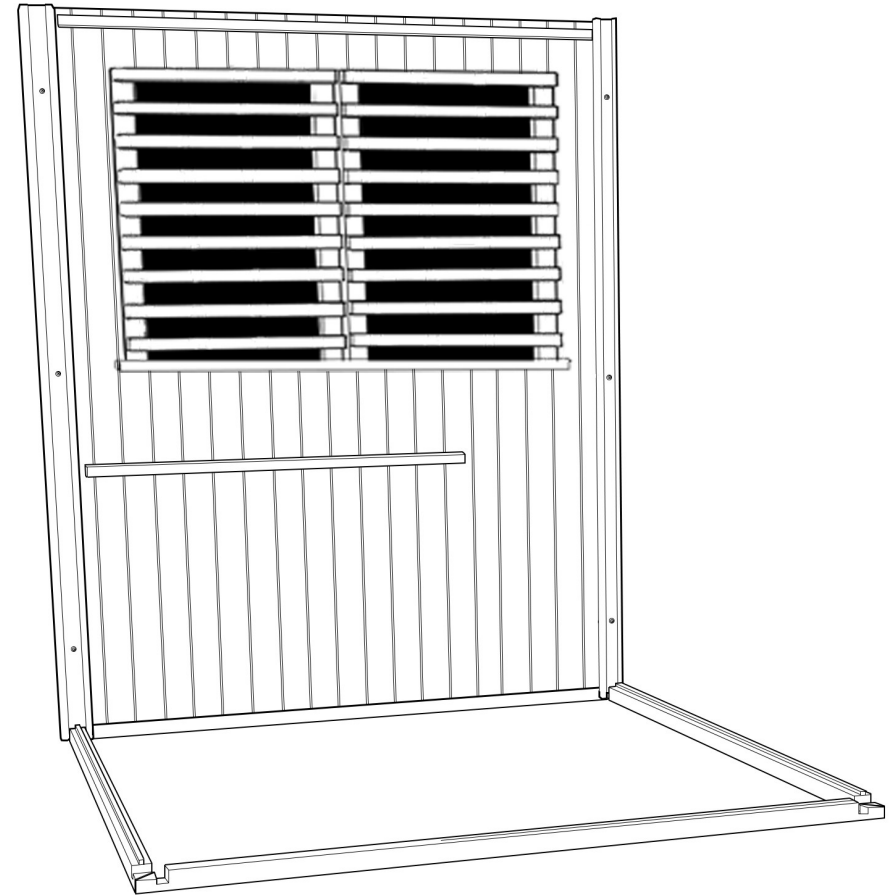
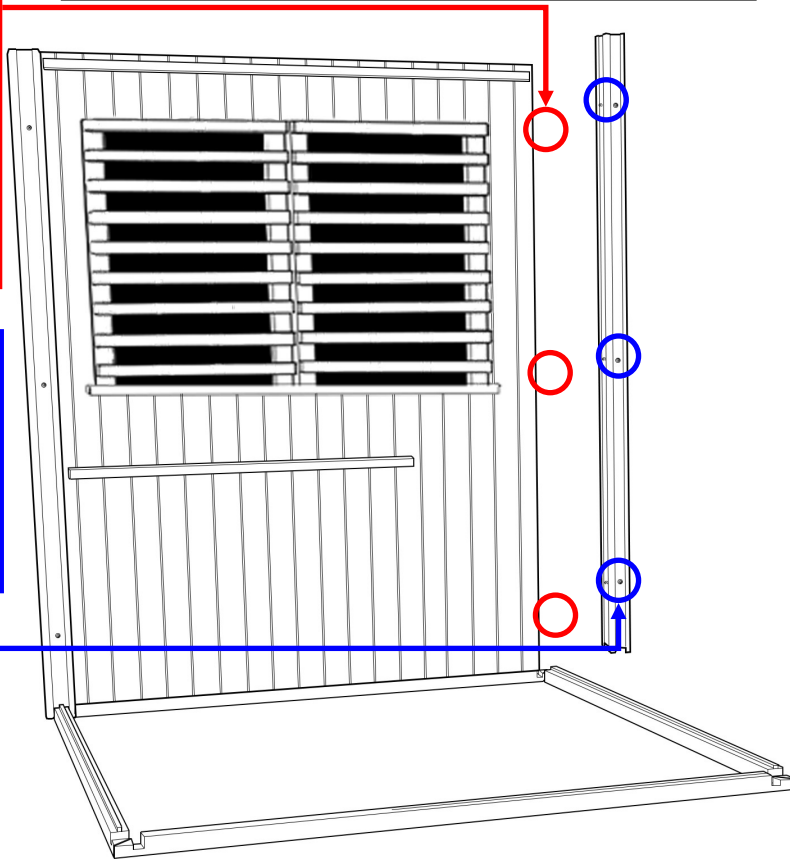


## Step 4 — Installing the back right upright

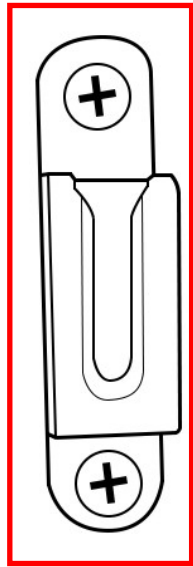


Tilt the back panel up in order to get the back right upright to slot into the brackets. Connect and push the right back upright down and secure into position.

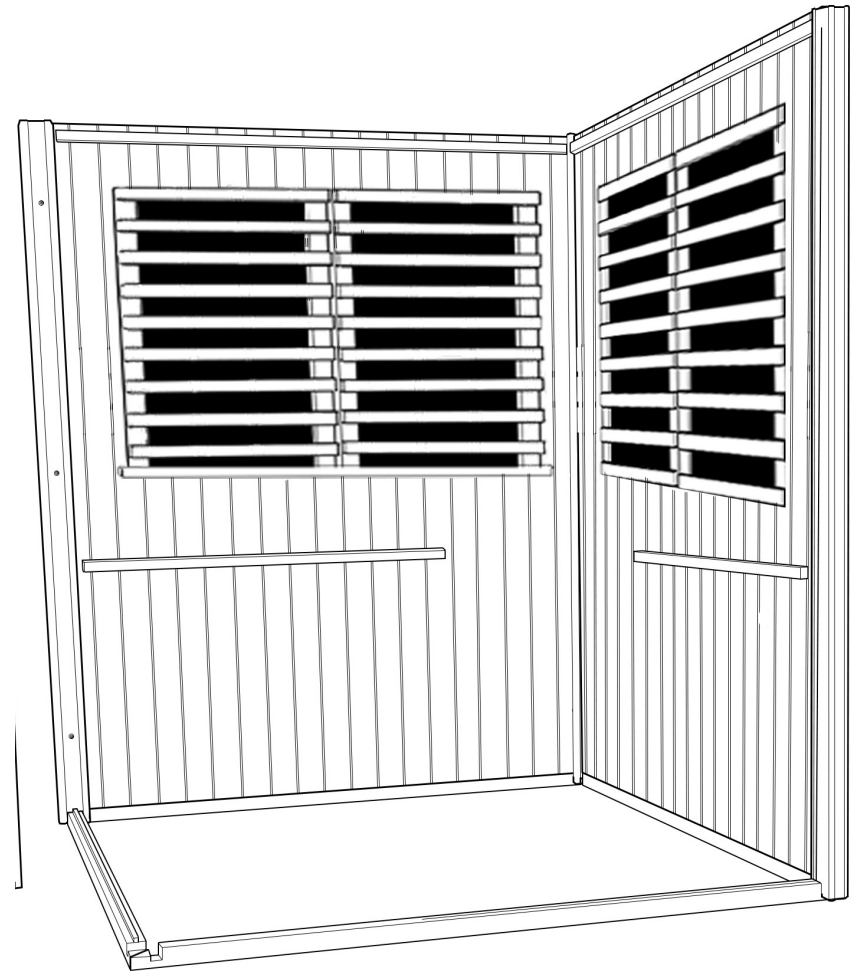
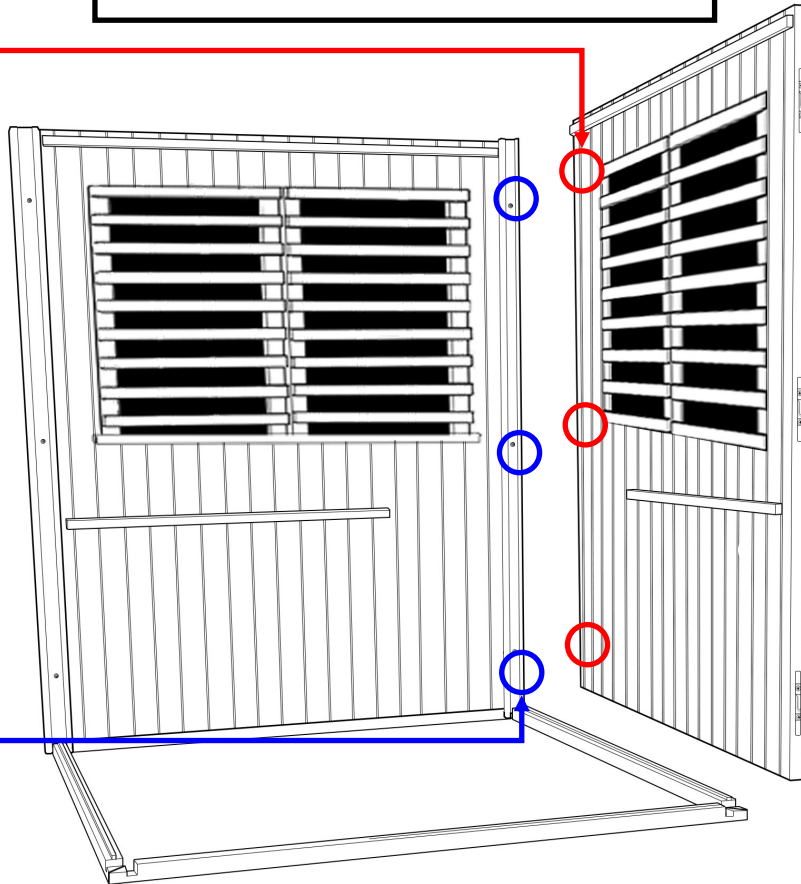
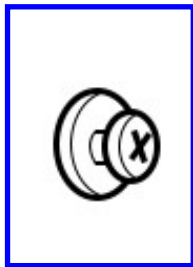
There will be 3 screw connections on two faces of the upright. They should face towards the back bottom strut and right bottom strut.



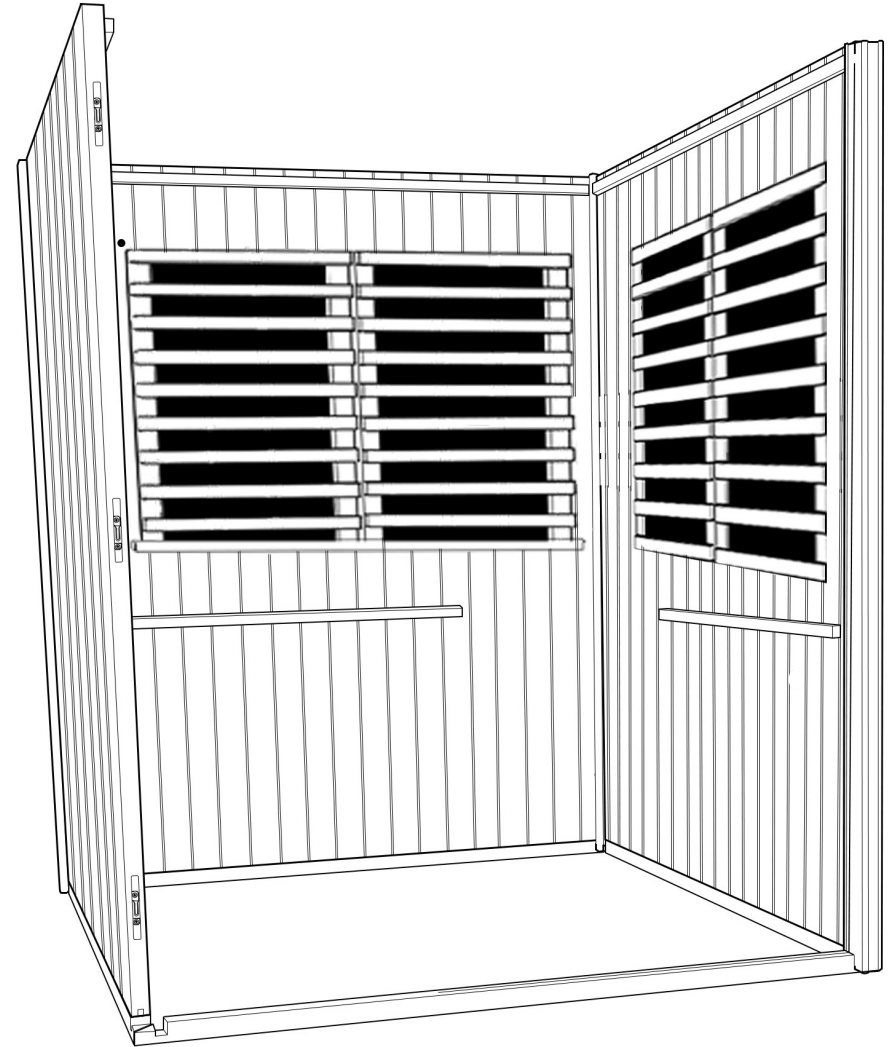
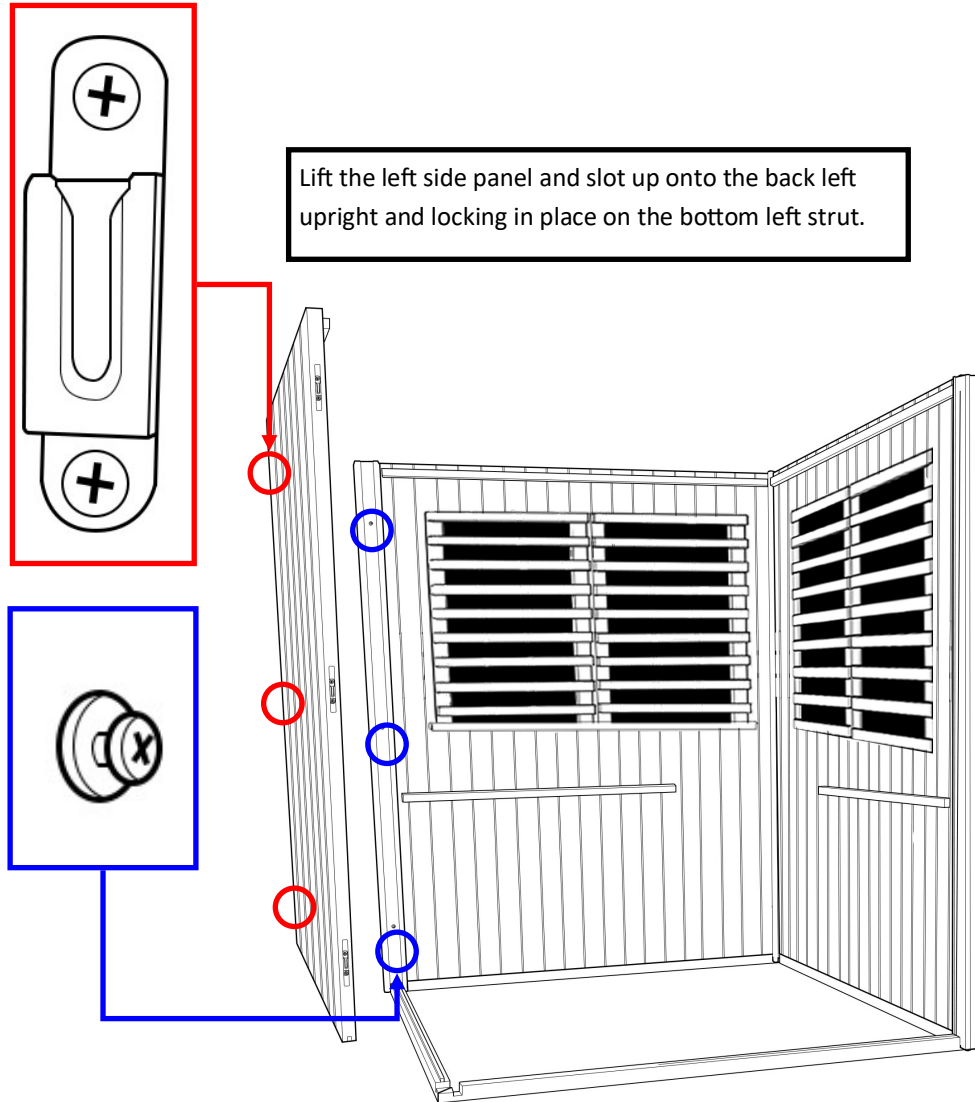
## Step 5 — Installing the right side panel



Lift the side panel and slide the brackets up the screw fixings and lock into position. Also ensure you push the panel down onto the right bottom strut and ensure they lock together.

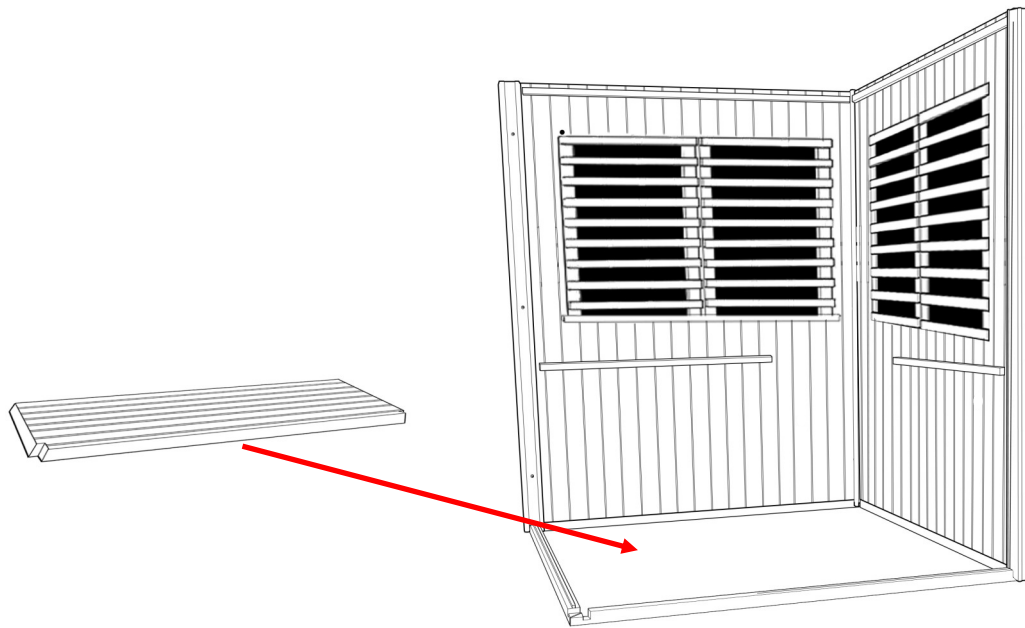


## Step 6 — Installing the left side panel



## Step 7 — Placing the floor in position

**Note:** The diagrams on the following pages will show the left side panel & left front upright not in position for optimal visuals of the install diagrams. Please be advised it is crucial the left side panel *is* in position for the following pages.

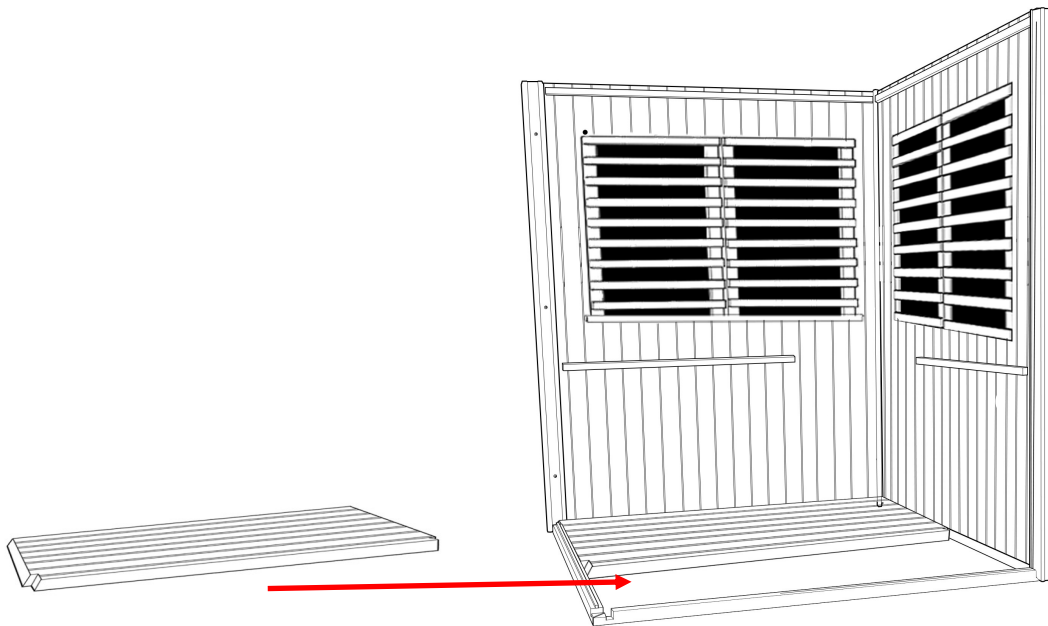


Place the back part of the floor into position first. This insert will have square cutouts which are positioned towards the back of the sauna.

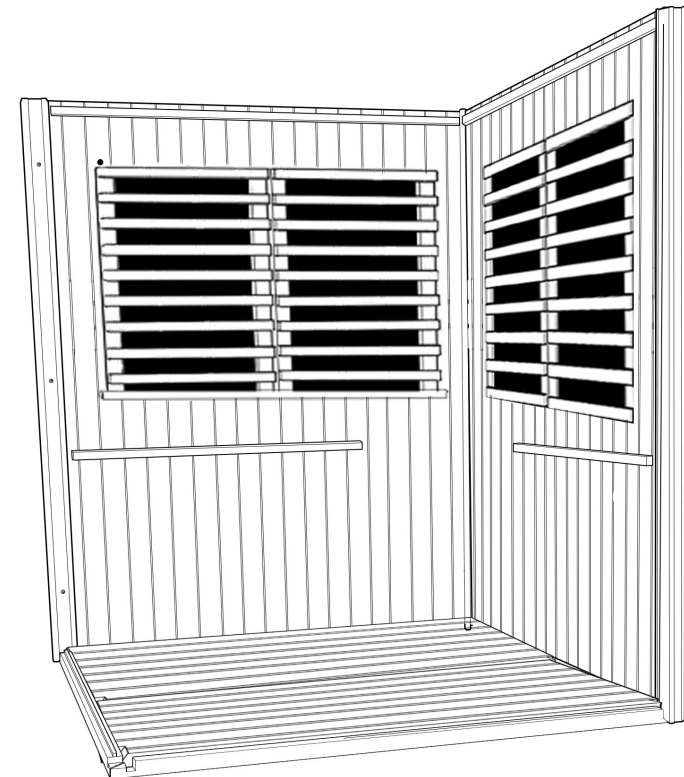


## Step 8 — Placing the floor in position—continued

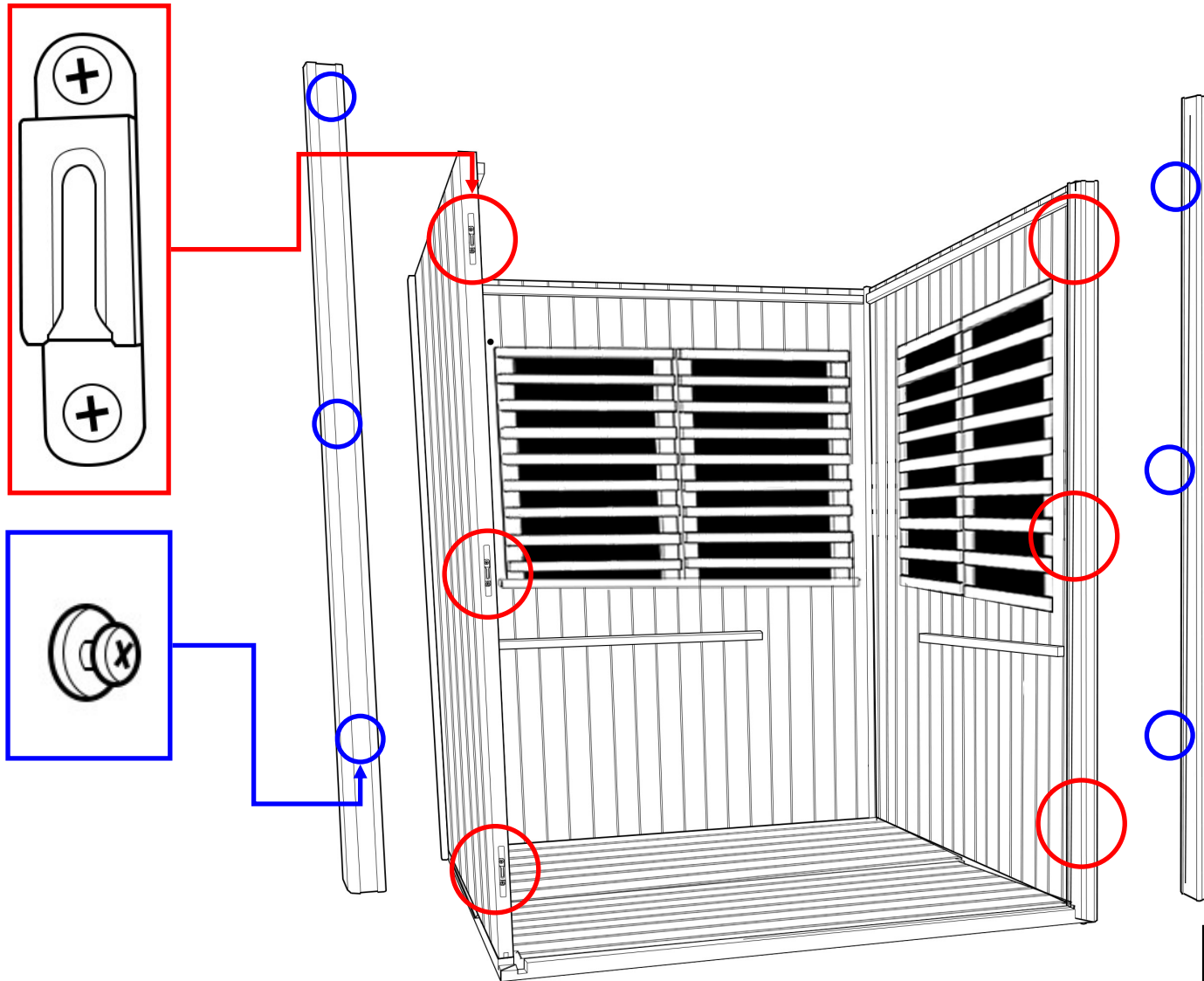
**Note:** The diagrams on the following pages will show the left side panel & left front upright not in position for optimal visuals of the install diagrams. Please be advised it is crucial the left side panel *is* in position for the following pages.



Place the front part of the floor into position next. This insert will have curved cutouts which are positioned towards the front of the sauna.

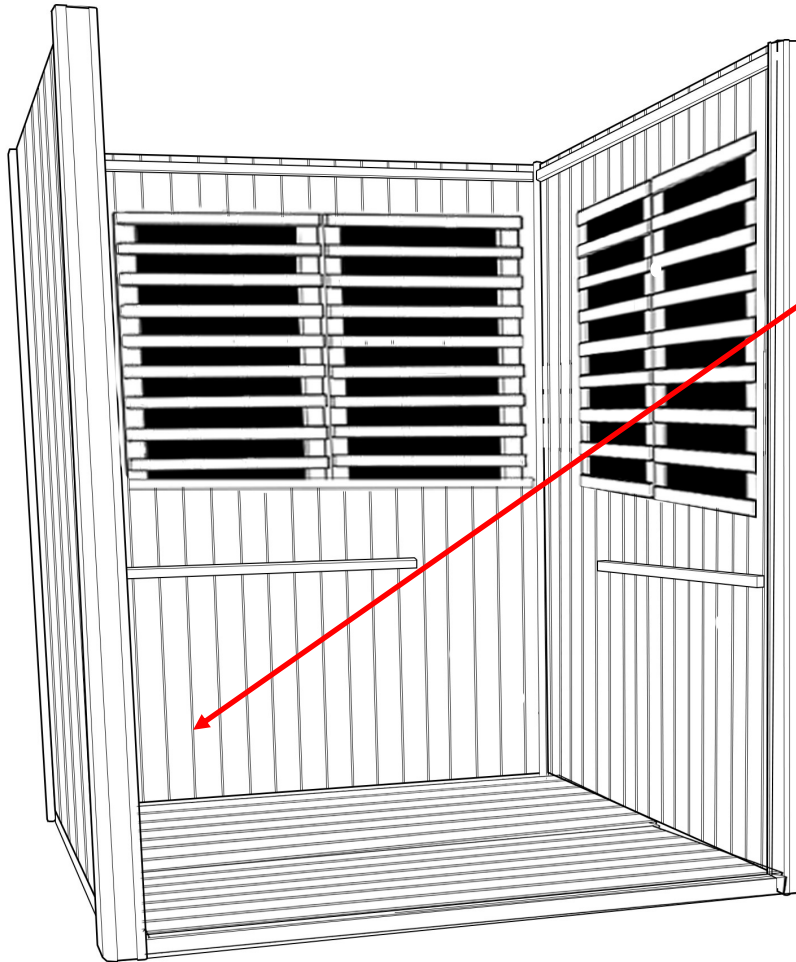


## Step 9 — Installing the front beams



Slot the front left and right upright onto the side panel and push down to secure in position.

## Step 9 — Installing the electric box



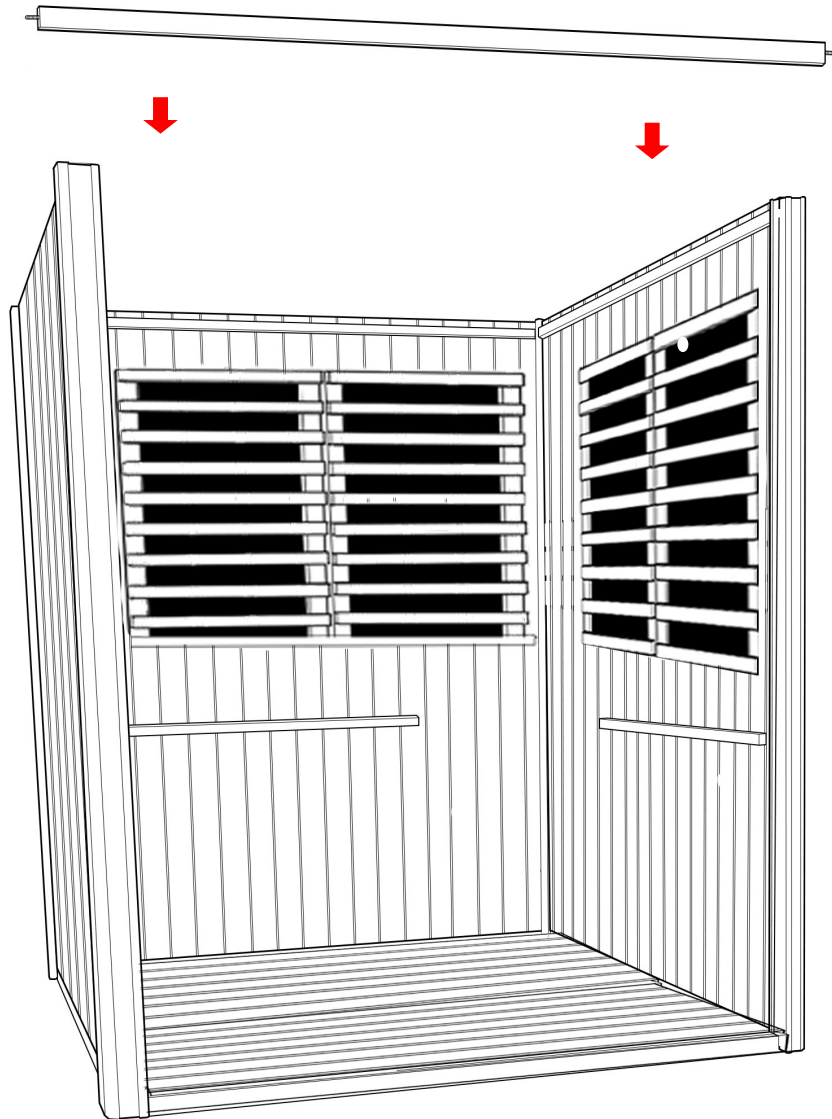
Place the electric box on the floor of the sauna and position where the bench will enclose it. Drill hole in the sauna wall to accommodate the electric box cable.

Connect all electrics within the sauna.

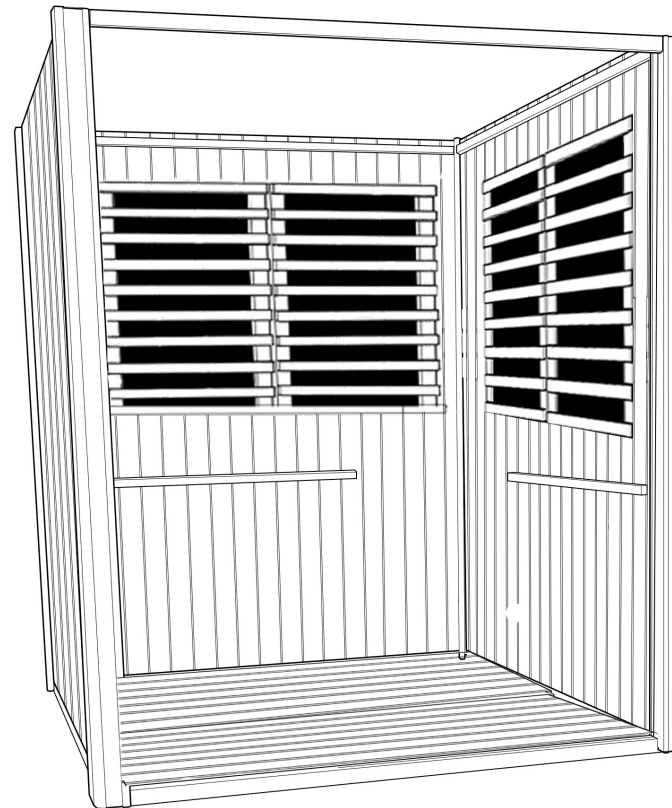
**Please note :**

Once the connections are made, flip the wooden box over, ensuring no excess water enters the electrics.

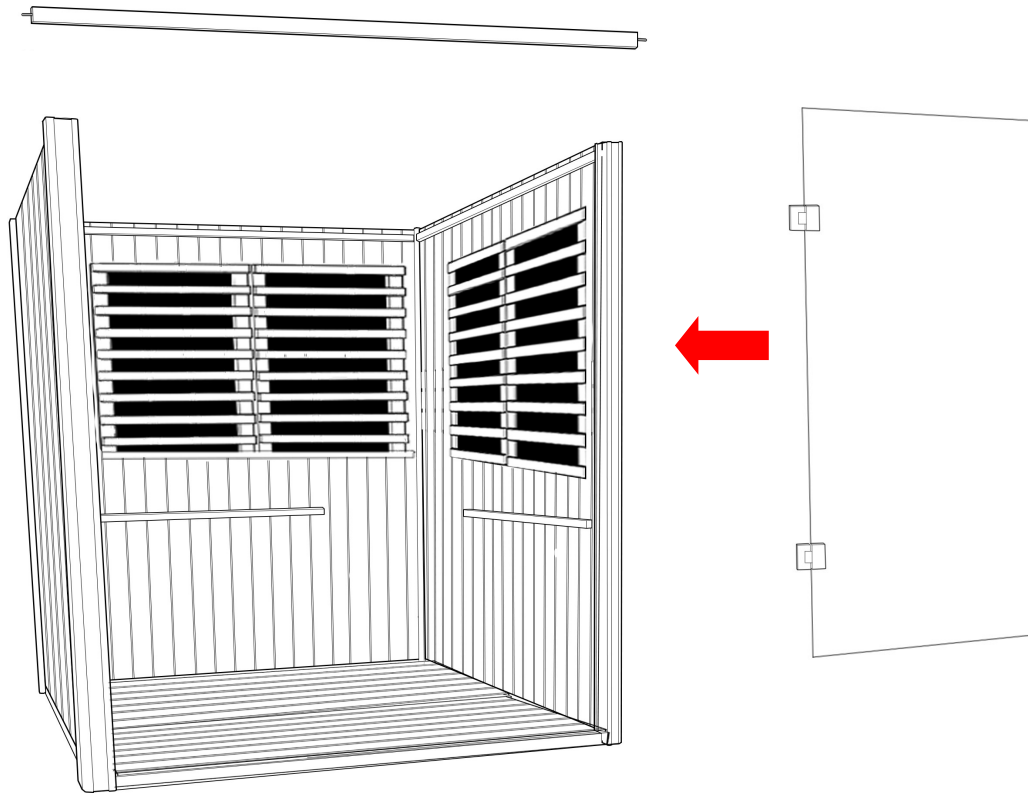
## Step 10 — Fitting the top post



Locate the top framework into position. Do not tighten until the next step as you need to lift the framework slightly.



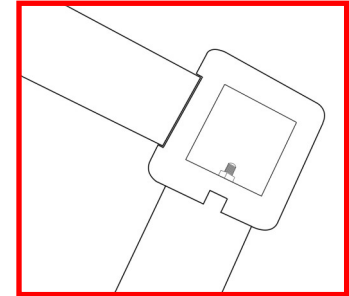
## Step 11 — Installing the fitted glass



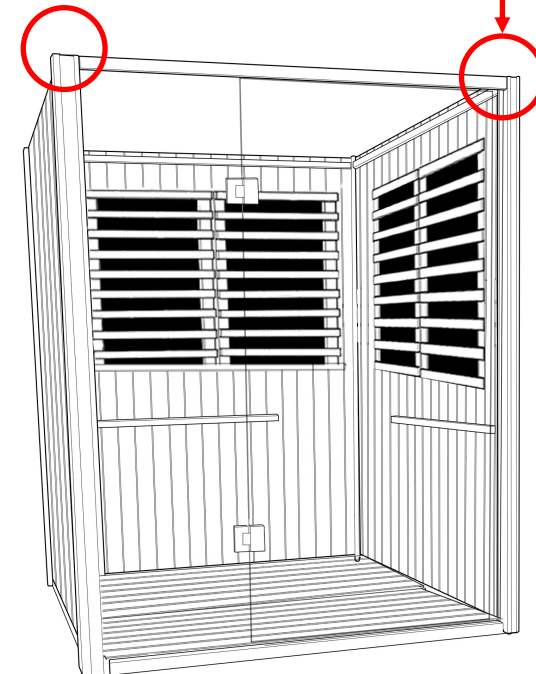
### Overhead view (right)

With the framework in position tighten the nut and washer from above.

**Note: Be careful not to drop the hex nut and washer down the upright.**

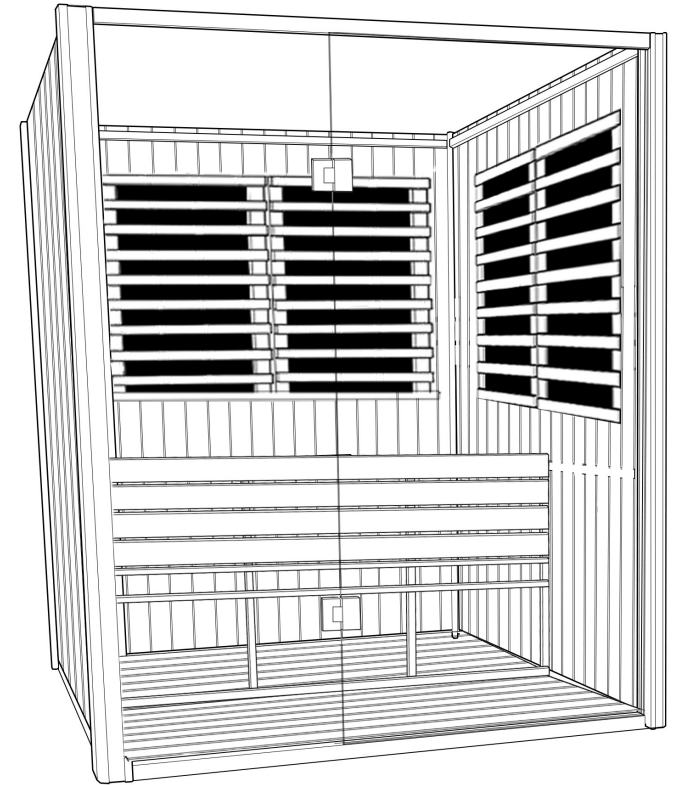
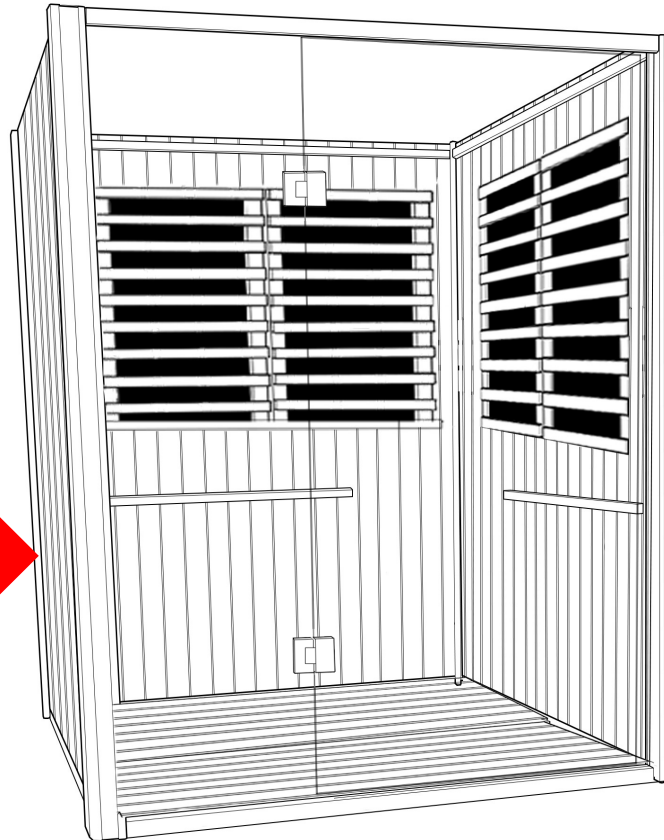
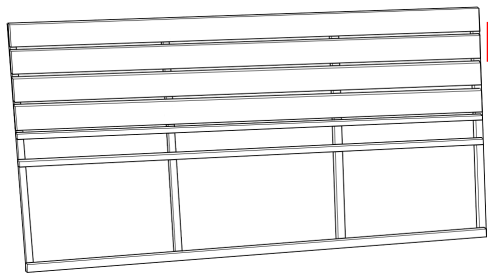


Carefully apply a bead of silicone to allow full seal into the grooved cut out. insert the fixed glass into the groove cut-outs in the framework, lift the top framework up, then slot back down once it is in position. Neatly Clean any excess silicone.



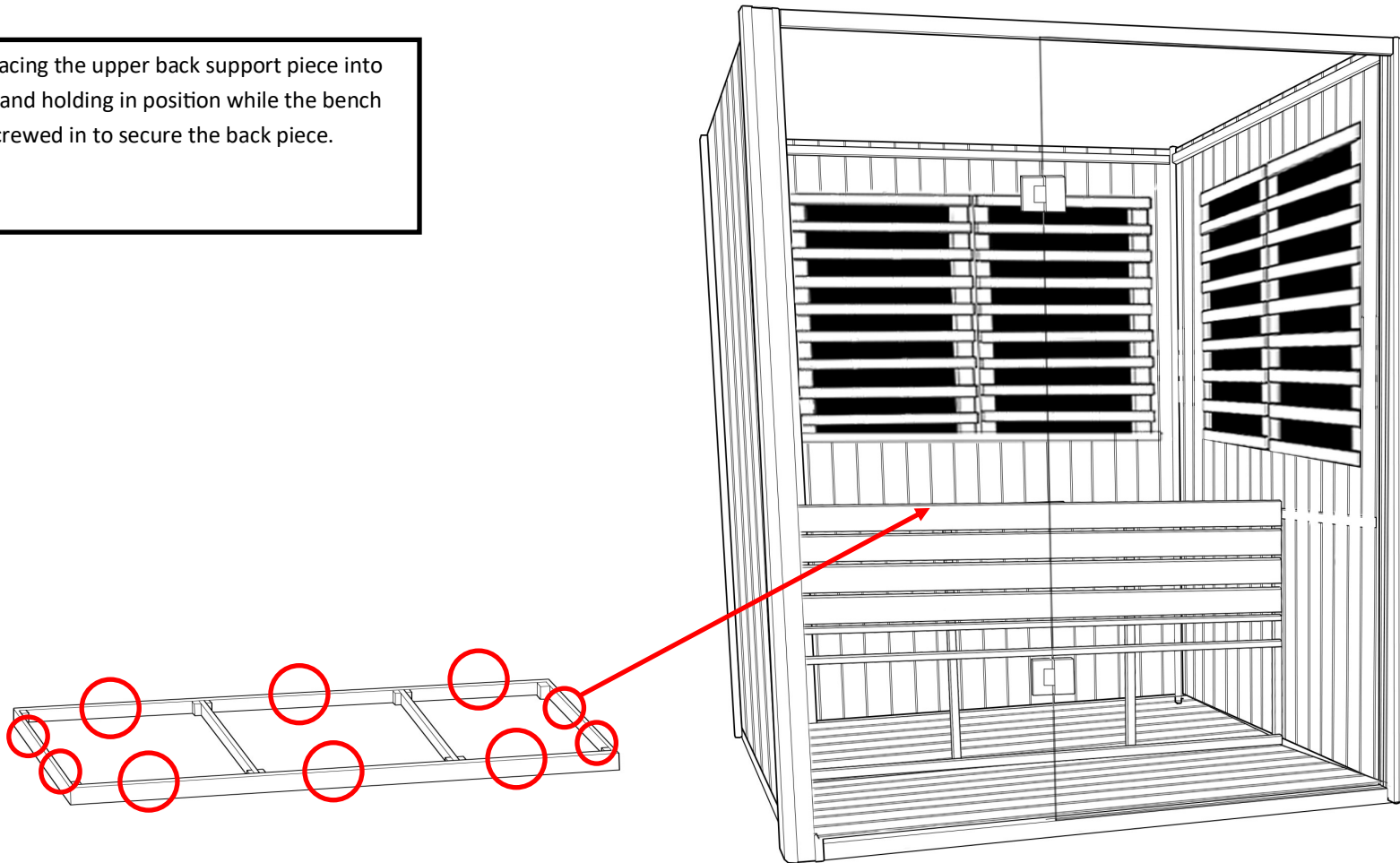
## Step 12 — Installing the bench

Start by placing the upper back support piece into the sauna and holding in position while the other parts are fitted.

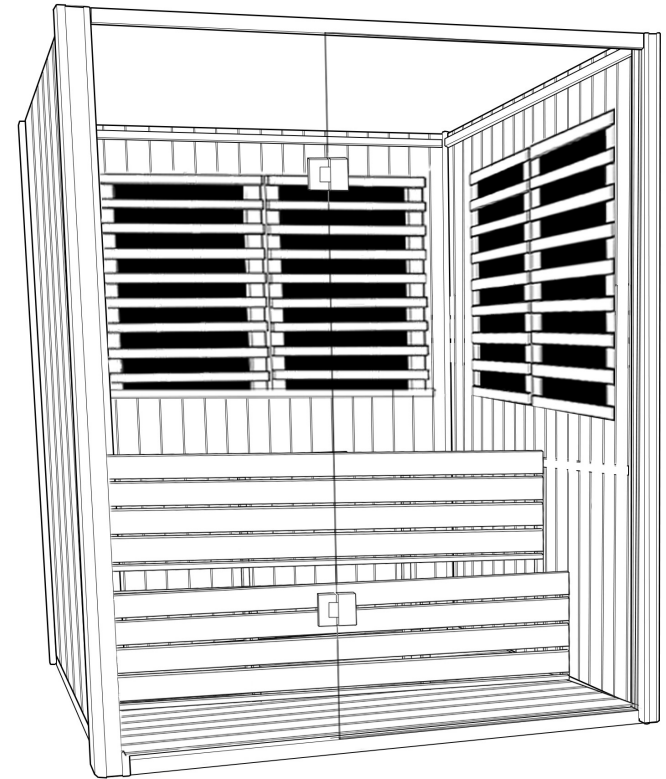
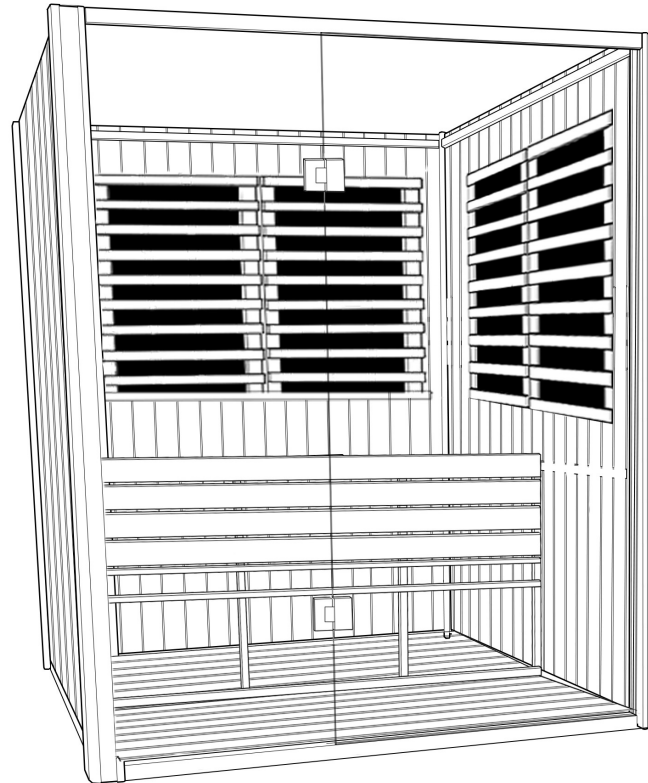
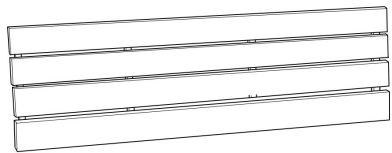


## Step 13 — Installing the bench—continued

Start by placing the upper back support piece into the sauna and holding in position while the bench frame is screwed in to secure the back piece.

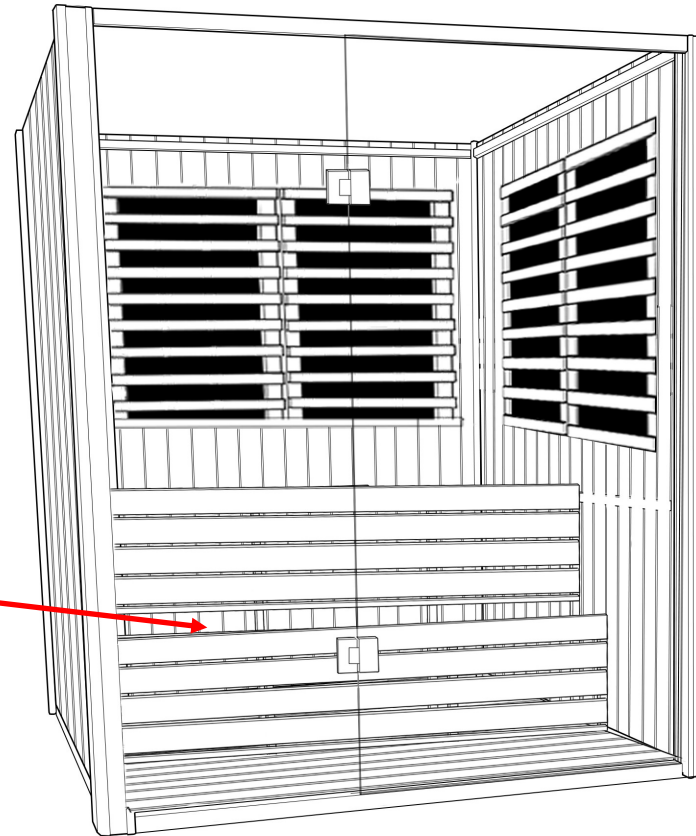
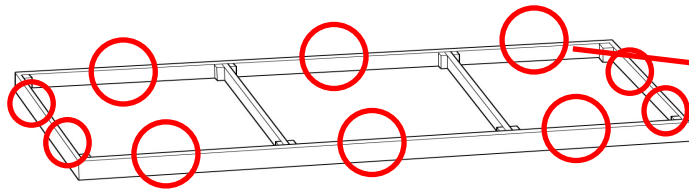


## Step 14 — Installing the bench—continued



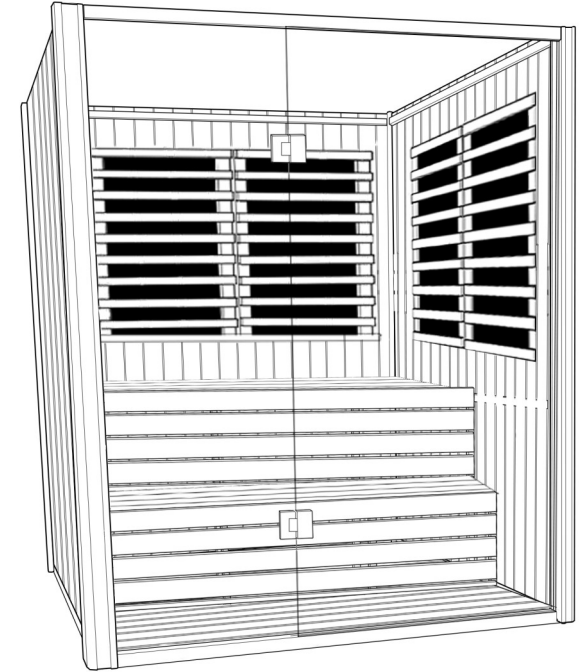
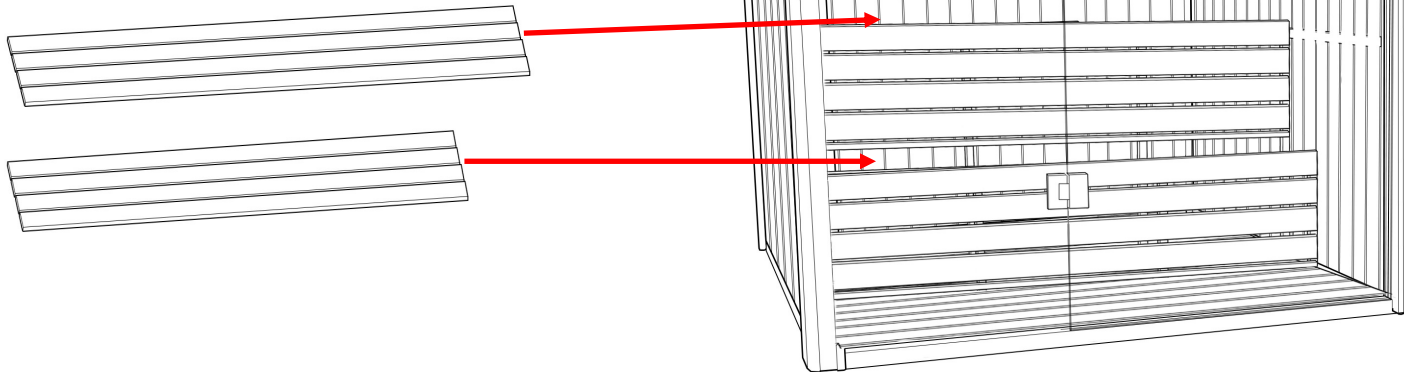
## Step 15 — Installing the bench—continued

Screw the bench support frame using the screws provided in the screw pack.



## Step 16 — Installing the bench seats

Locate the two upper and lower benches and place into position.

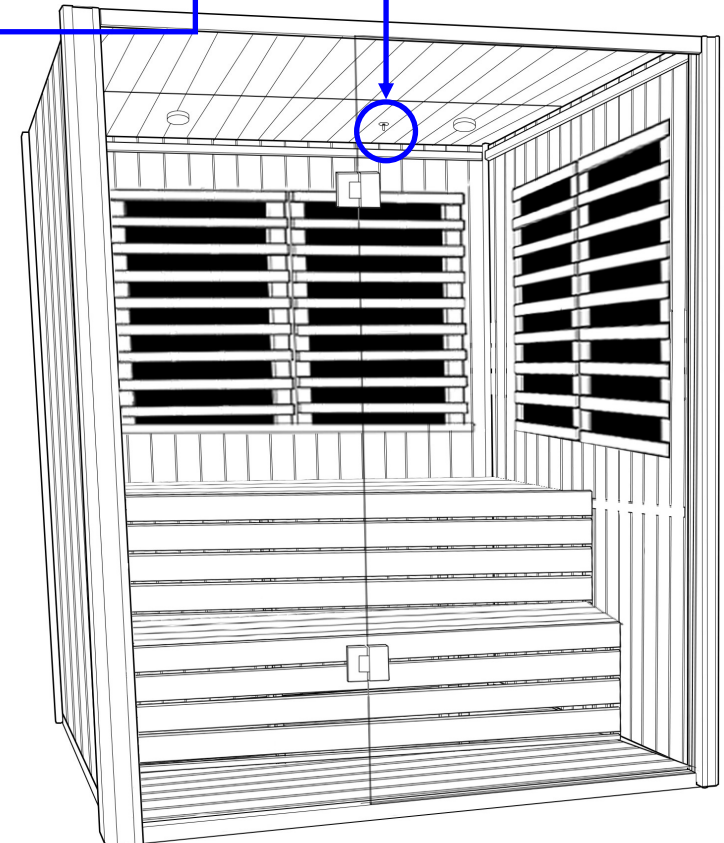
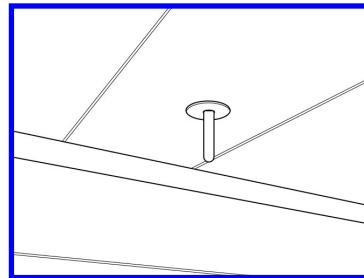
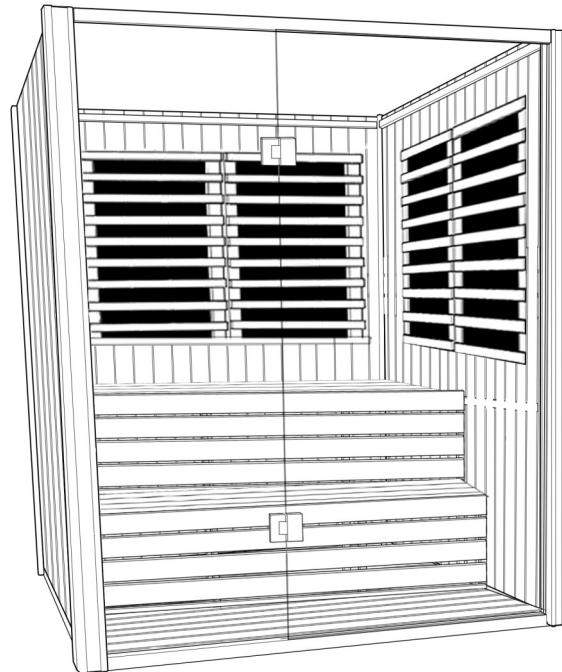
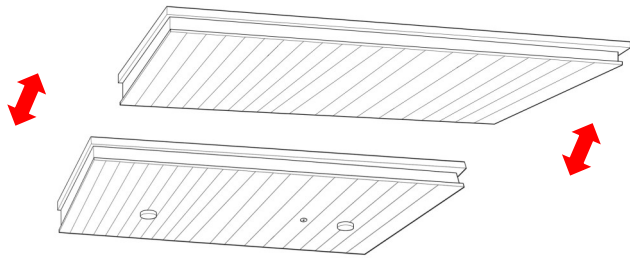


## Step 17 — Installing the inner roof

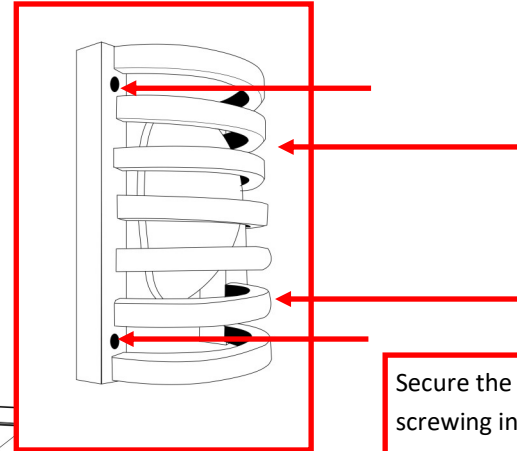
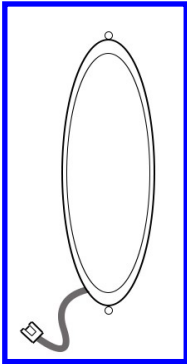
Pre-assemble the roof before installing on top of the sauna. Ensure that the speakers are positioned towards the back. Please note insulation will need to be cut to allow bolts to secure. Once in position, take all cabling from the back and side panel and connect on top of the inner roof.

Locate the thermo probe and feed through the inner roof. Please note you will need to pierce through the insulation to allow the thermo probe to be fed through the roof. Secure in position using silicone from above.

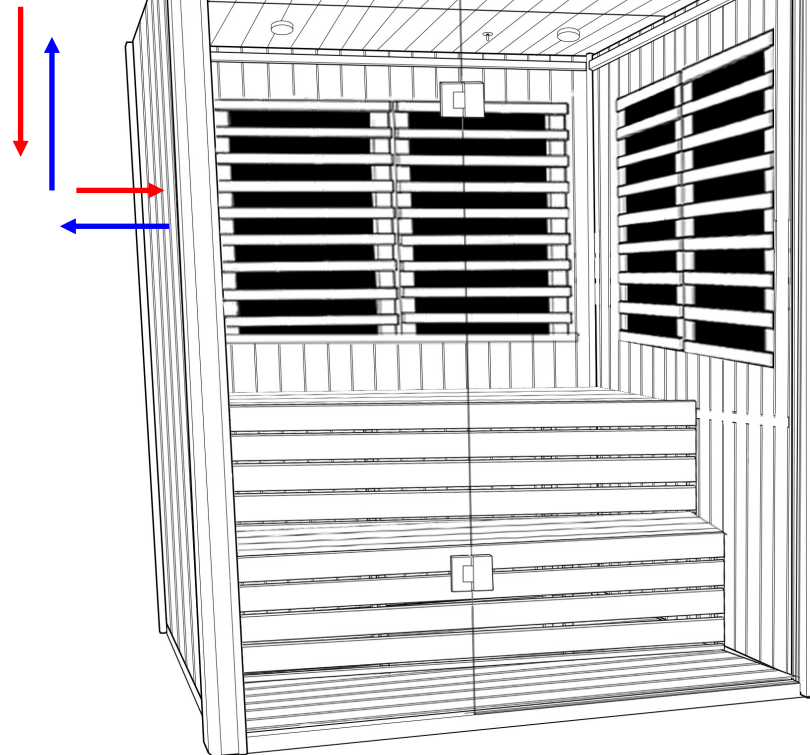
Ensure the probe extends approximately 75% out.



## Step 18 — Installing the wall lamp



Secure the wall lamp cover by screwing into the 4 holes.



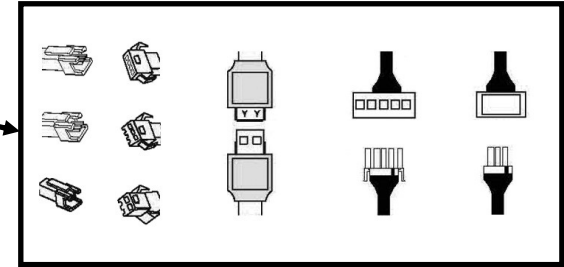
**Step 1:** With a plumb line, guide it down the cavity of the left side panel to access the pre drilled hole on the inside. Attach the wall lamp cable to the plumbline.

**Step 2:** Pull the plumbline with the wall lamp cable attached back up through the cavity to the roof to connect to the roof connection.

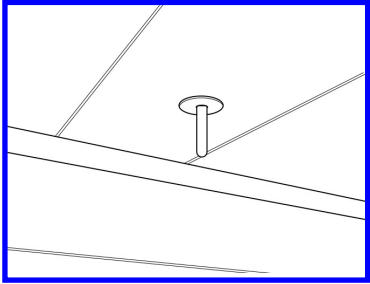
# Step 19 — Connecting the Roof Electrics

Ensure ALL connections are made, matching up the varying wires and connections. You will need to connect both speakers, the control panel, LED Lights, Infra-red panels.

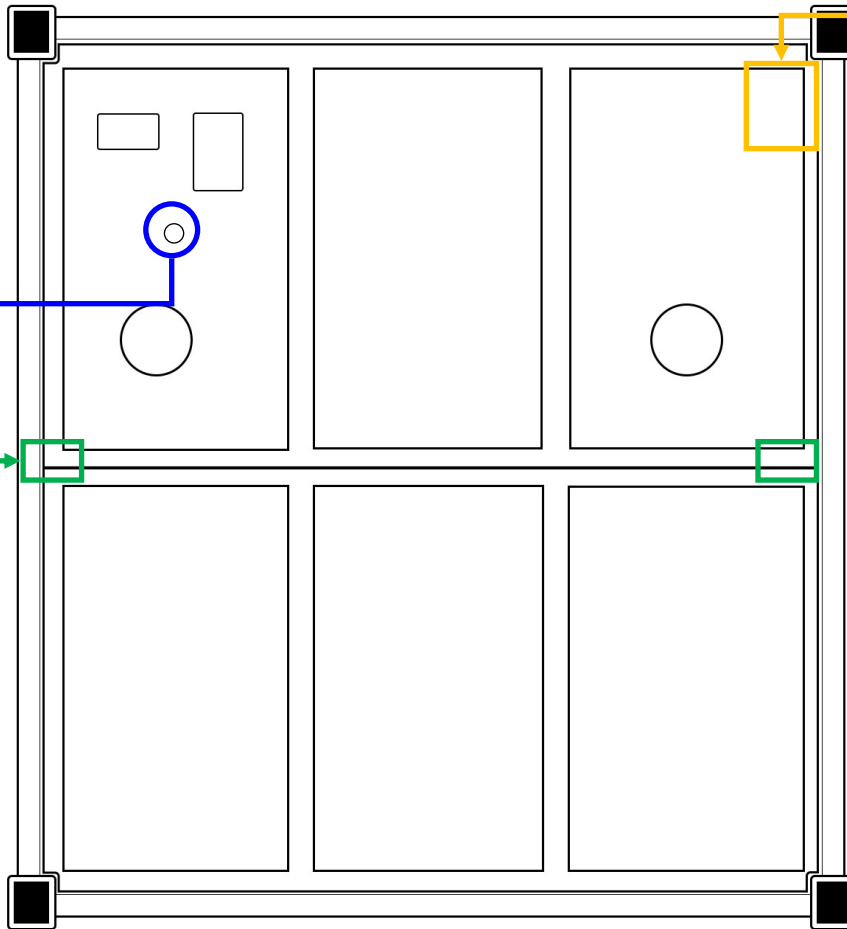
Please Note: There is an end connection you leave unplugged as it is not in use.



Connect LED Light cables at both ends of the roof

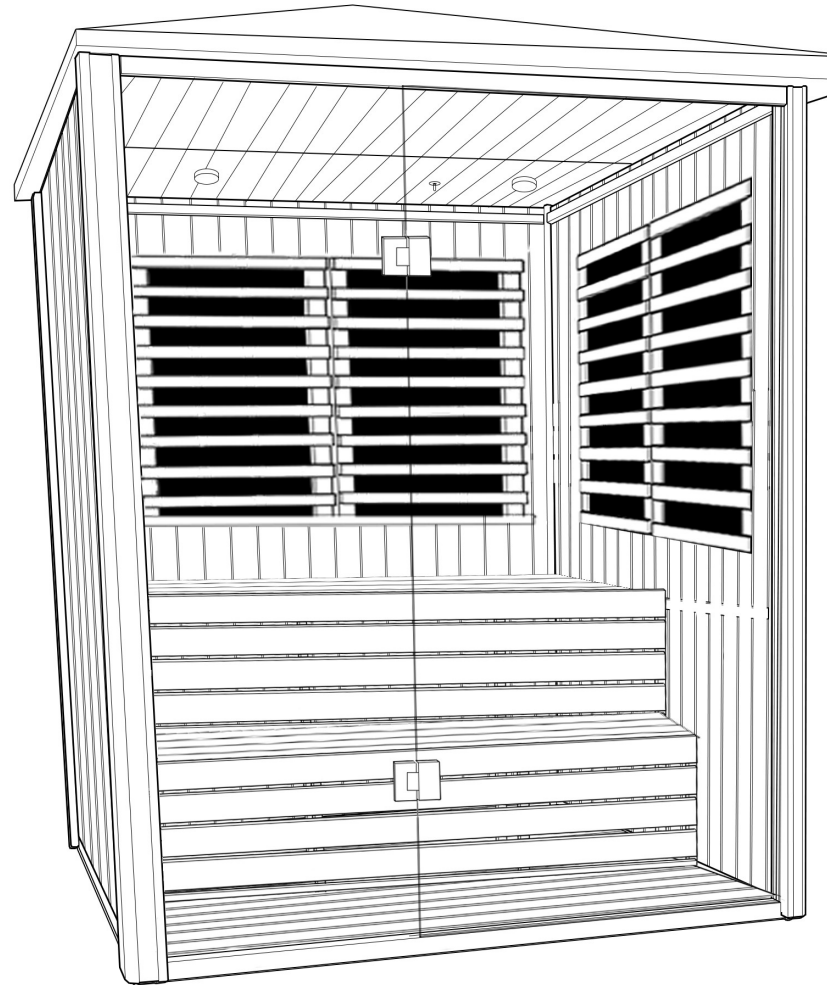
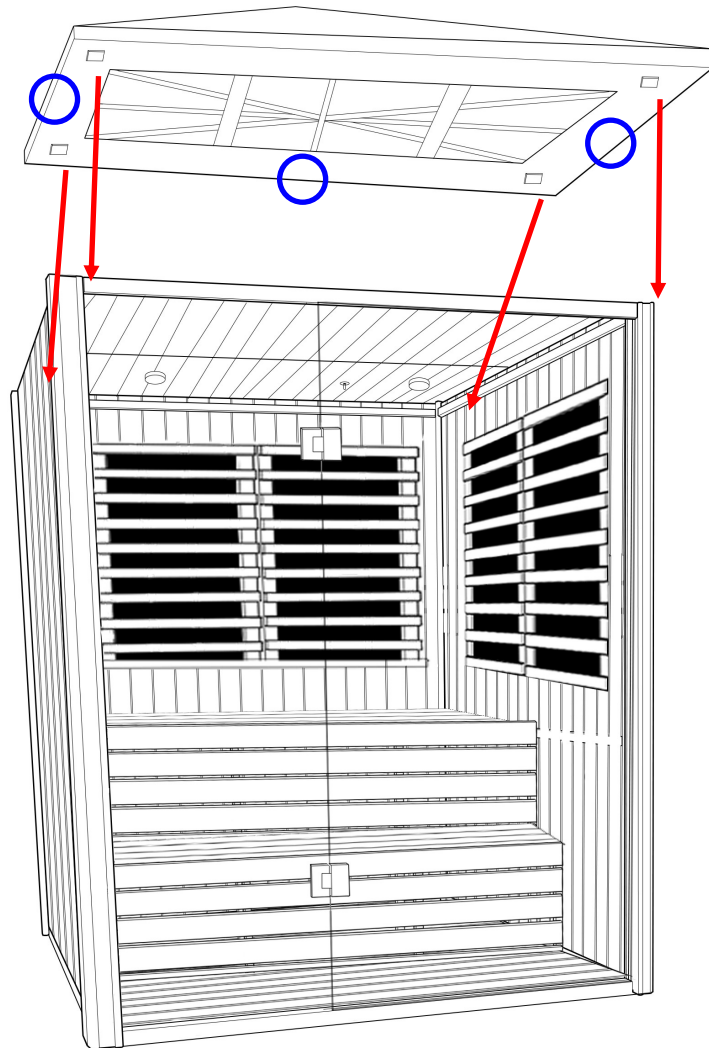
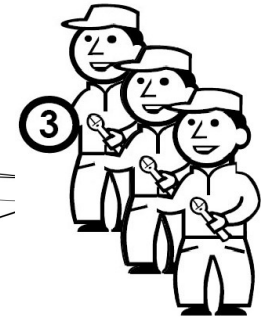


Connect LED DC12V output to LED light cable in each corner of the roof



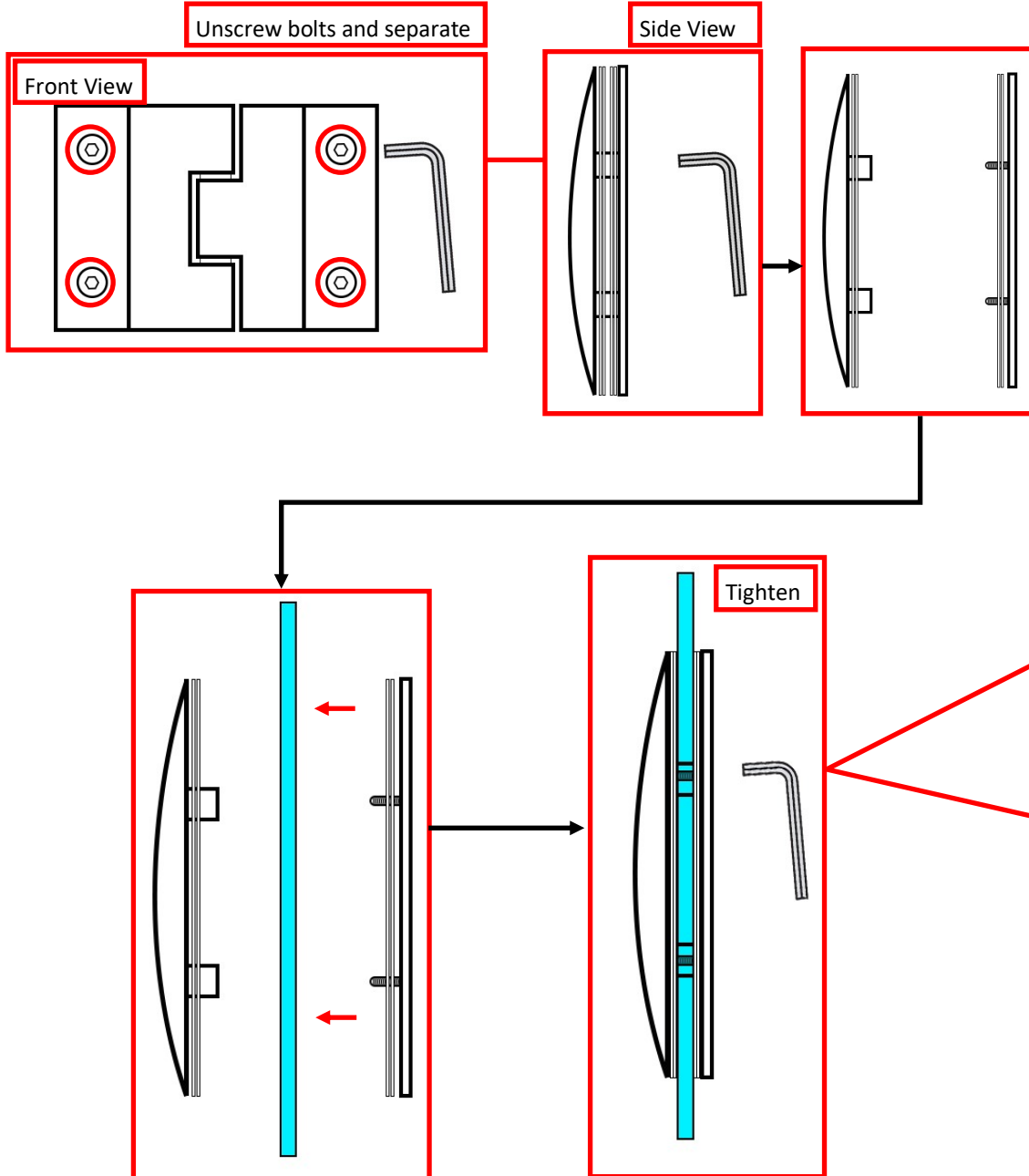
## Step 20 — Installing the big roof

Lift the roof into position and position the square locaters into the top of all uprights. Secure in to potion buy screwing the side and back of the roof to the securing bars attached the top of the walls.

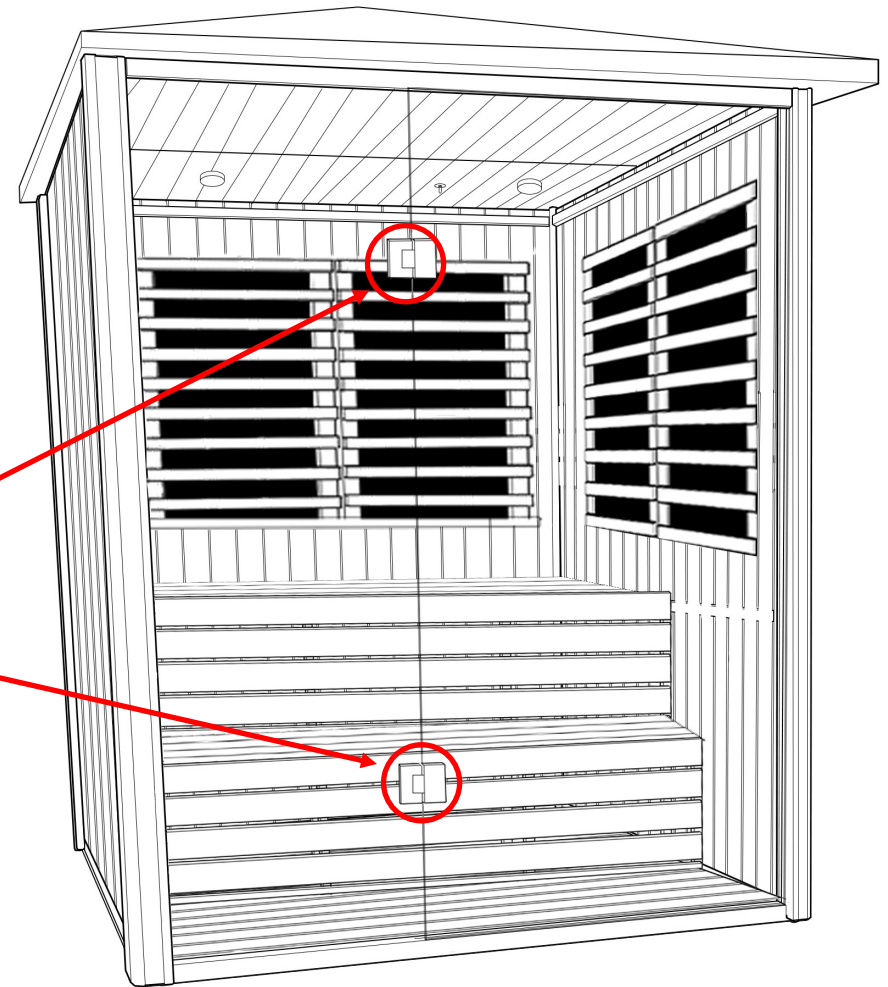


Please note : On the big roof, 3 curved cutouts are positioned to allow the inner roof connections to avoid being flattened. Please see blue circles to ensure the cutouts are in the correct place.

## Step 21 — Installing the door

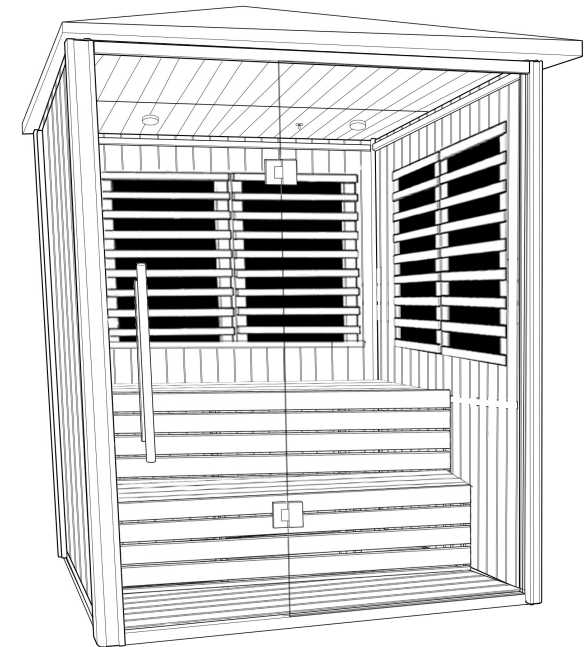
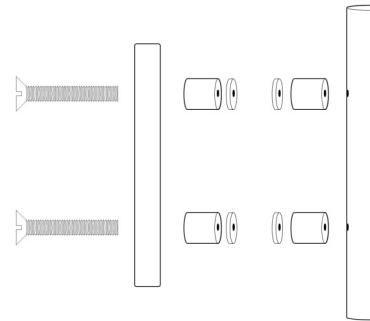
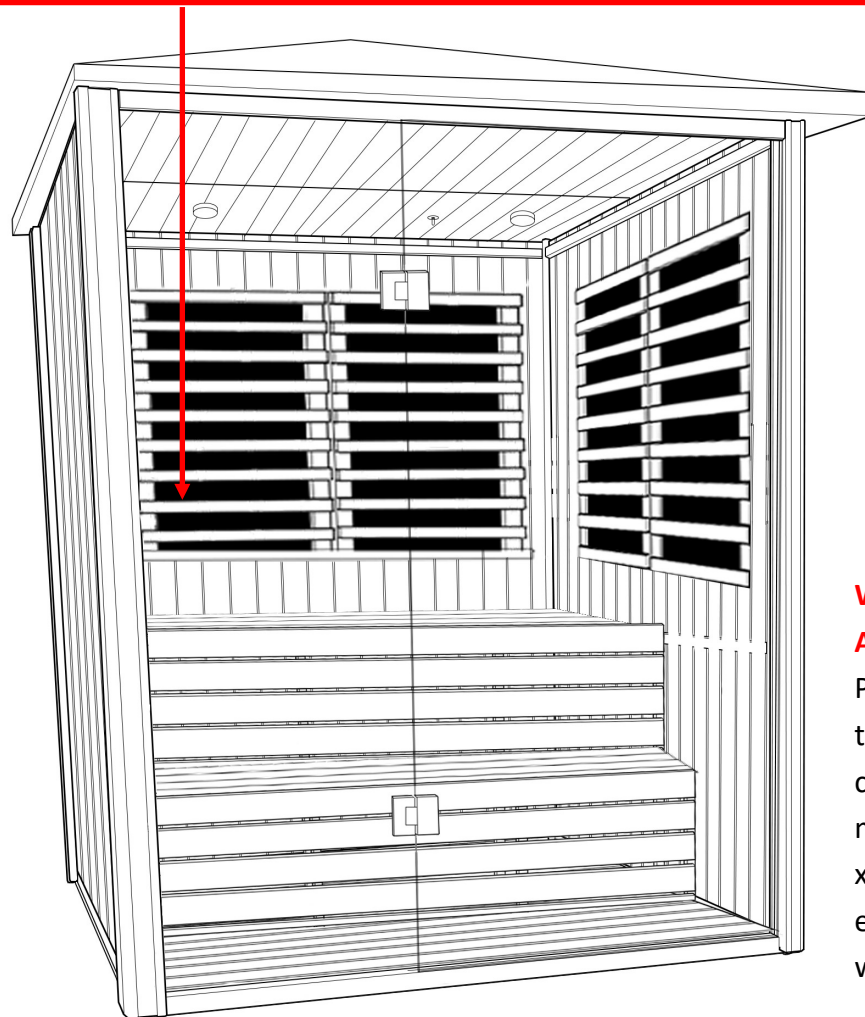


Lift the door into position and then fix the door into the hinges. To realign the door, loosen the bolts slightly, reposition and then retighten. Repeat this process until alignment is perfect.



## Step 22a — Door Handle Install & Water Deflector Skirts

Locate the door handle and separate before attaching it to the door.  
The metal handle is designed to be on the outside of the sauna.  
The door will be positioned here.



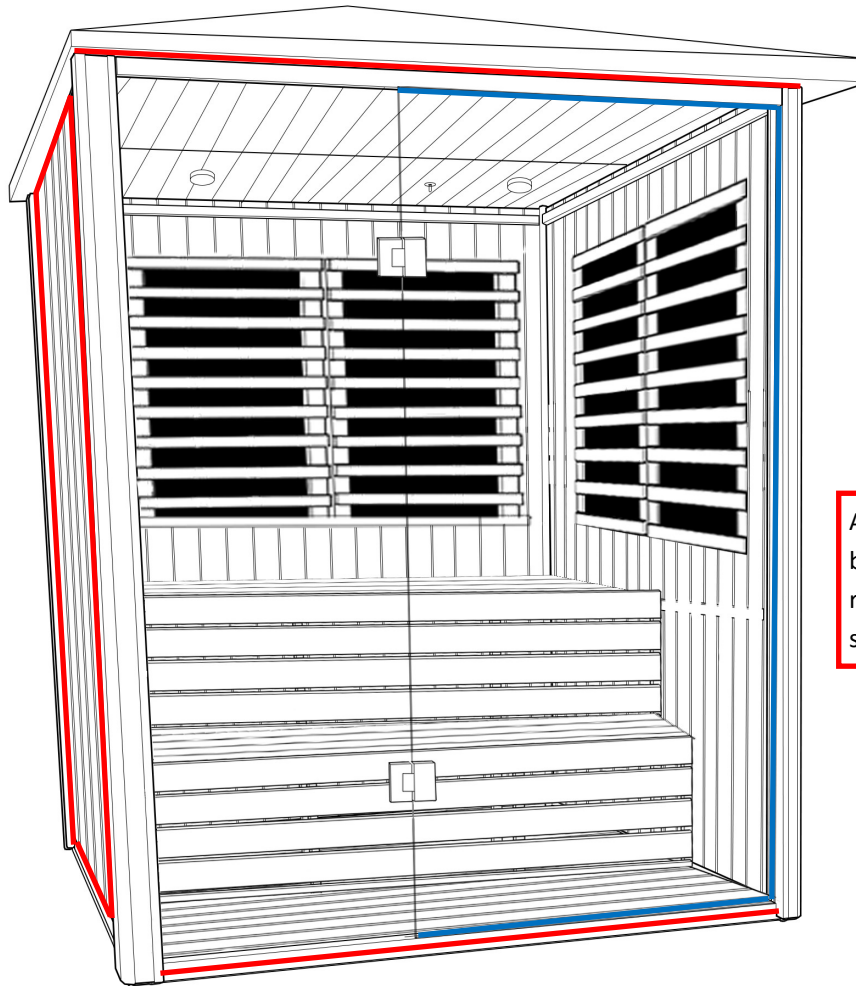
### **WOOD VERSION ONLY NOT REQUIRED FOR ALUMINIUM CLAD VERSION**

Position 3 x water deflectors one for each side wall, fit these between where the base and the outer wall connect. Cut to precise length, silicone seal along middle of the wood and attached to the sauna using 4 x screws. Run a bead of silicone around the top edge, ensure silicone is fully sealing especially in wall groves and edges.

**SCAN TO WATCH VIDEO OF CORRECT INSTALLATION**

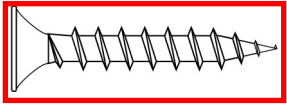


## Step 22b — Sealing Your Sauna

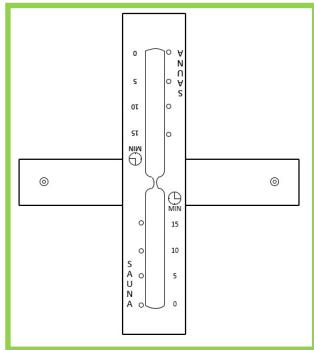


Apply **CLEAR** silicone to the front glass (shown in blue) and **BROWN SILICONE** along the left and right walls as indicated in red, and repeat the same process for the rear panel and front.

## Step 23 — Accessories

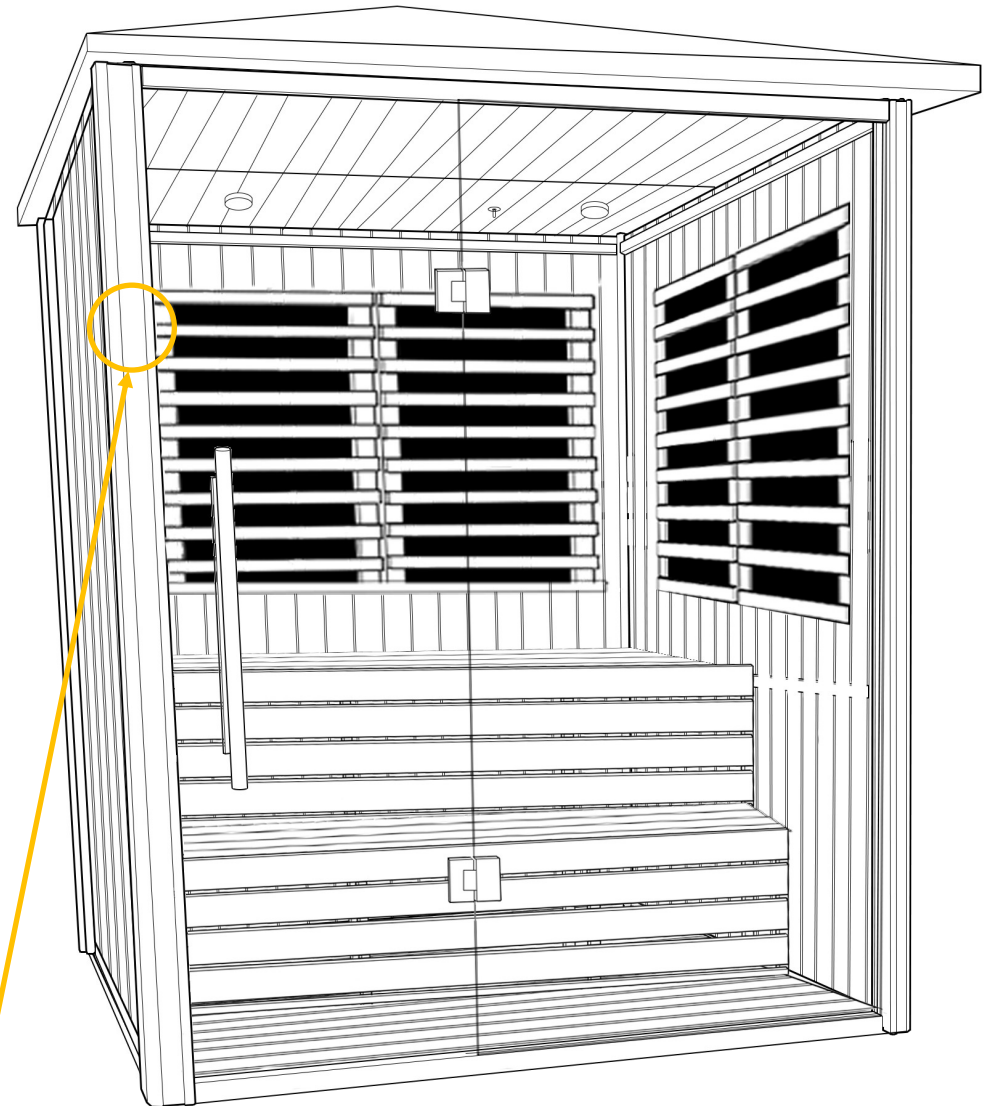


40mm Screws



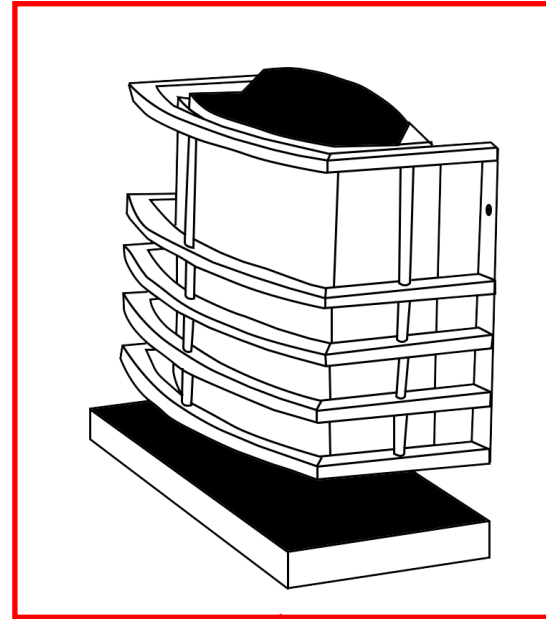
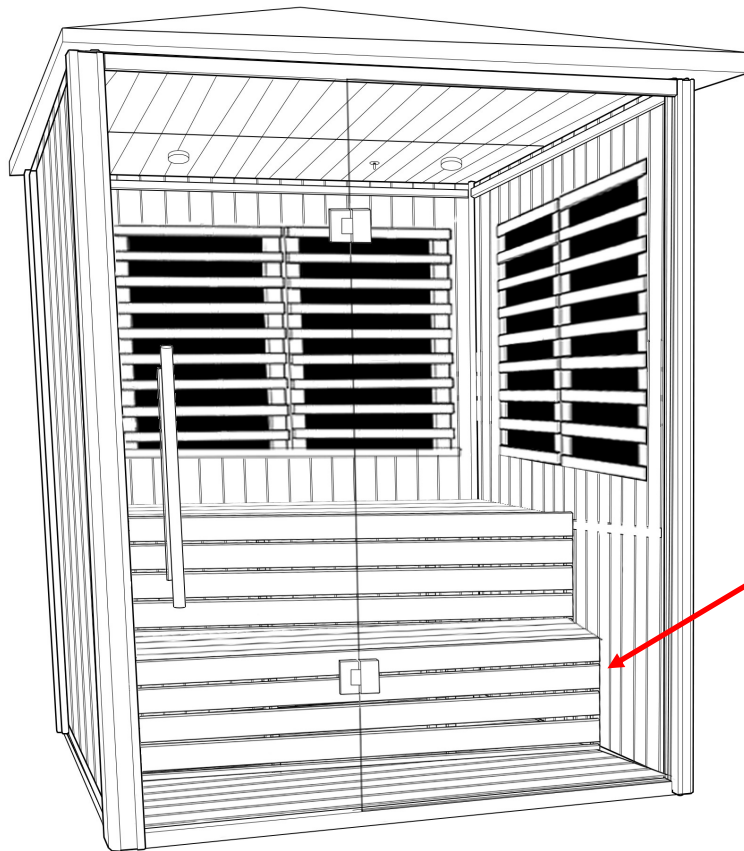
Use two screws through the backplate and position anywhere within the Sauna.

Place a screw into the back wall and hang the hygrometer.



## Step 24 — Stove Installation

Please refer to the stove's installation manual to correctly fit the stove and tray.



Once stove is installed, screw in the wooden cover. Ensure the larger gap is positioned on the top so the controls can be accessed with ease.

Congratulations on building your new sauna.

Now for the most important

**WOOD SAUNAS ONLY!**

**TREAT / STAIN OR PAINT ALL EXTERNAL WOOD NOW.**



**THIS MUST BE DONE WITHIN 48 HOURS OF BUILD**

## Control Panel Instructions

### Button 1 (Lights)

Turn the 12V light on or off.

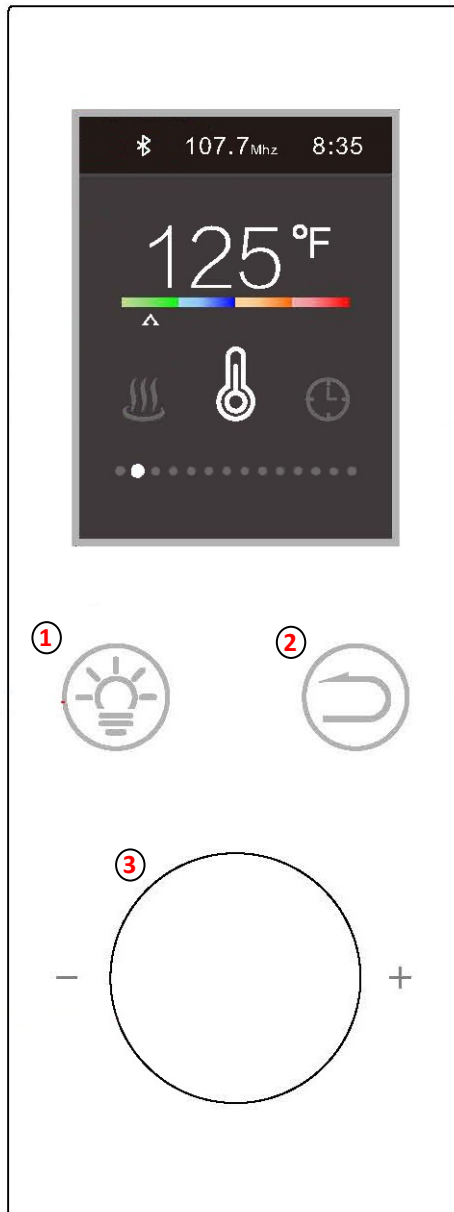
### Button 2 (Return)

Press to return to the menu after a change is made.

### Button 3 (Mode button/Scroll)

Press and hold for 3 seconds to power the panel on or off.

Press to change the control panel function, then scroll left or right to change settings. The panel automatically locks after 1 minute of inactivity. Press this button to unlock the panel.



Coloured Lights



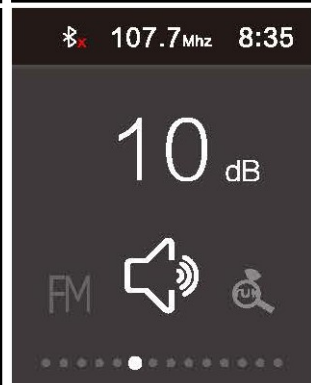
To operate the lights, press (Button 3), scroll until you see the interface (left). Press (Button 3) and the lights will come on a specific colour. Press again to turn off, again to turn back on to the next colour. Repeat until you find your desired colour.

FM Radio



To operate the FM Radio, Scroll (Button 3) until you see the interface (left). Once here, press (Button 3) to begin playing.

Volume



Scroll (Button 3) until you see the interface (left). Once here, press (Button 3) to enter the volume mode. Scroll up or down to change the volume.

Bluetooth Connectivity



To operate the Bluetooth, scroll with (Button 3) until you see the interface (left). Scan for the control panel on your device and pair. Once paired you should hear a connection tone. Press play on your device to begin listening.

FM Radio Station Search



Scroll (Button 3) until you see the interface (left). Once here, press (Button 3) and scroll to search through until it finds a station. Press again to continue searching.

Sauna Setting



Scroll (Button 3) until you see the interface (left). Once here, press (Button 3) to enter the sauna mode. This will toggle the Sauna heater on/off as desired. Use the Time/Temp settings to make the most out of your session.

Bluetooth Track Change



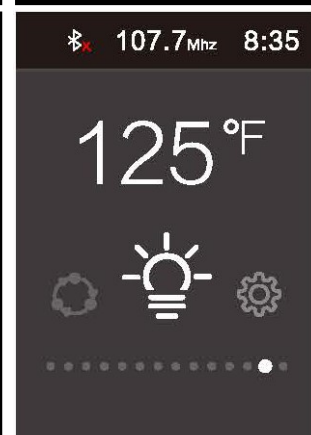
To change track whilst in the sauna form the panel, scroll to the audio interface (left). Then press the scroll (Button 3) and it will change to the next track. This will also change through the saved radio station list you have made. You can only skip forwards, not backwards.

FM Radio Station Save



Scroll (Button 3) until you see the interface (left). Once here, press (Button 3) and it will save the current radio station you are listening to. You can save up to 10 stations on this device.

12V Light Interface



Scroll (Button 3) until you see the interface (left). Once here, press (Button 3) to turn off the 12V light. Press again to turn it on. The light will turn on automatically when the panel is turned on.

## Settings

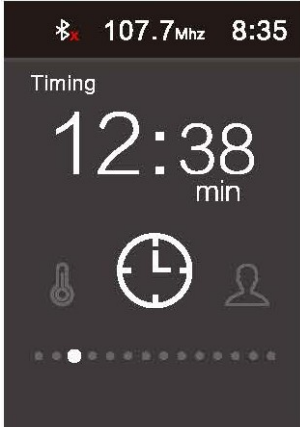


Scroll (Button 3) until you see the interface (left). Once here, press (Button 3) to enter the settings mode. Here you can set the clock which operates on a 24 hour system. You can also change the temperature display to Celsius or Fahrenheit. Change either by entering the setting using (Button 3) and then scroll to change. Press (Button 3) again to confirm selection.

## Time/Temp Setting



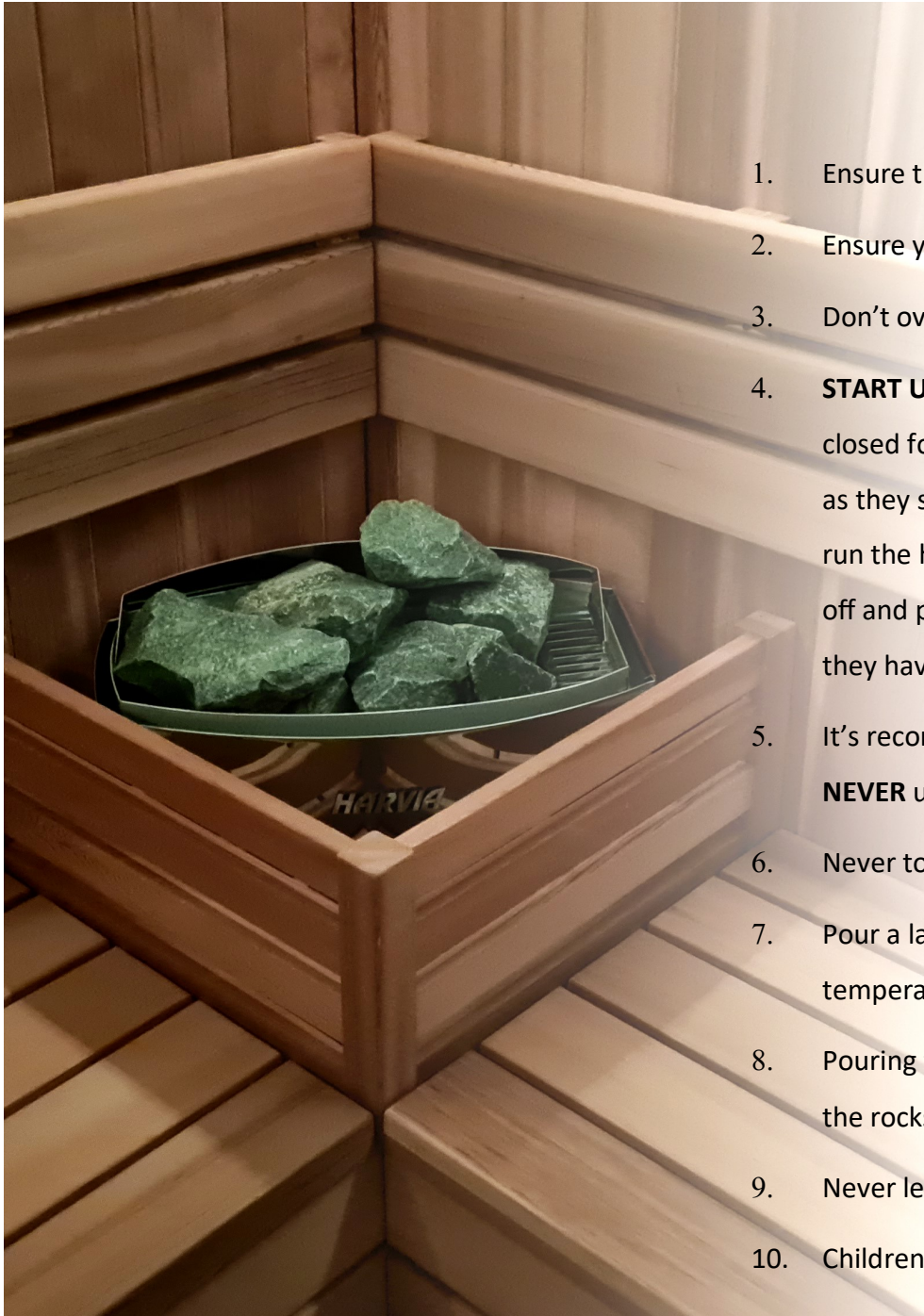
For temperature: Scroll (Button 3) until you see the interface (left). Once here, press (Button 3) to enter the temp mode. Scroll until desired temperature and simply press (Button 3) to confirm.



For time: Scroll (Button 3) until you see the interface (left). Once here, press (Button 3) to enter the time mode. Scroll until desired duration is set and simply press (Button 3) to confirm.

## BEFORE FIRST USE — IMPORTANT

1. Ensure the rocks have been thoroughly washed before loading in to the heater.
2. Ensure you place the rocks loosely between the heating elements.
3. Don't over fill the heater, ensure sufficient airflow can be achieved for maximum output.
4. **START UP!** It's recommended that you heat the rocks thoroughly and leave the sauna door closed for a period of 20-25 minutes. The rocks being new may split or spit under the heat as they settle in. This is normal, but we recommend you don't sit in the cabin until you have run the heat through the rocks and they have settled in. You may want to turn the heater off and perform this a second time (when the rocks have cooled down) to be 100% certain they have settled in.
5. It's recommended that the rocks are replaced annually and only use approved Sauna rocks, **NEVER** use any other type of rock.
6. Never touch the rocks when they are fully heated.
7. Pour a ladle of water over the rocks approx. every 5 minutes to increase the air temperature.
8. Pouring too much water on the rocks will lower the room temperature as they will cause the rocks to cool down.
9. Never leave the Sauna unattended.
10. Children should not use the Sauna unsupervised.



## Sauna Usage & Safety Guide

1. When turning the heating stove on, you **MUST** pour water over the rocks as it's the vapour that creates the heat not the rocks. The rocks alone will never heat up the sauna. Failure to do this could cause the rocks to split and break
2. Never leave children unattended in the Sauna.
3. Regulate (if preferred) the temperature of sauna before session - Pre-heat time 15-30 minutes (from room temperature 20°C) Do not allow your sauna to overheat during pre-heat or use. This can be undertaken in two ways.
  1. Use infrared heating only. (recommended)
  2. Set your heating stove to a low thermostat level (right knob). Set the timer to approx. 15 to 30 mins (left knob NOTE graded in hours)Failure to do so can result in warping of internal fittings caused through excessive heating/duration or lack of humidity.
4. Never leave unattended.
5. Suggested operational heat range: Stove—60°C-90° C. Infrared—30°C-40°C. Infrared optimum use range 35°C to 40°C
6. Never touch the heater panels whilst in operation, possible burning may occur.
7. Recommended time of use is between 15 and 20 mins. We highly recommend working up in time to this, beginning with 5 minute sessions to get your body used to using a sauna.
8. Stay hydrated during each Sauna session.
9. Exit the sauna immediately if feeling , uncomfortable, dizzy, faint, short of breath or sleepy.
10. Do NOT use the sauna if you're pregnant, have a heart condition, have low or high blood pressure. If you're unsure consult your GP before use.
11. If you have any underlying health conditions which you feel could be aggravated by an increase in temperature, consult your GP before use.
12. If you begin to have any issues with your health after using a sauna, stop immediately and consult your GP regarding your symptoms before continuing to use.
13. Consult your GP before using the sauna room if you're on medication at all, especially with drowsy side effects.
14. Never use this sauna if you have been drinking alcohol or under the influence of other substances.
15. Do not put combustible material on the heaters at any time.

## WEEE Compliance Statement

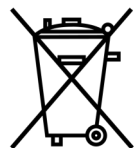
The UK Waste Electrical and Electronic Equipment (WEEE) regulations came into force on 2 January 2007. Under this new legislation, producers of electrical and electronic equipment (EEE) have to fulfil certain obligations.

Under the WEEE directive Insignia is considered the producer of certain products we supply and in line with the demands of the legislation we are pleased to offer the opportunity to return these products to us for treatment and recycling.

Insignia products will generally have an identifying mark and the common crossed out wheelie bin label. We accept returns of all products carrying the Insignia brand. All other products are either considered outside the scope of WEEE or Insignia is not technically the producer of these products. Insignia also accepts historic like-for-like WEEE returns. All WEEE returned to Insignia will be recycled in appropriate treatment and recycling centres in accordance with the legislation. If you wish to return any products to us, please send your item(s) to our head office.

Company Contract No. 326457

WEEE Producer No. CBDU64227



### LABELLING

Products labelled with the WEEE symbol (a crossed out “waste bin”) indicate that the final user should not discard this product along with other household waste, but that it must be collected and treated separately.



### Returns Address for WEEE

Insignia

9a Deans Road, Old Wolverton, Canon Industrial Park, Milton Keynes, Buckinghamshire, MK12 5NA, UK



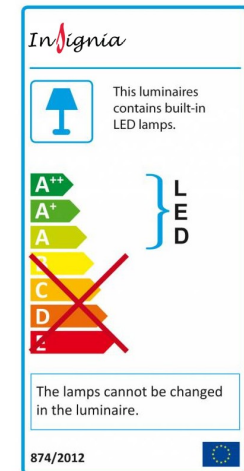
### EU – Declaration of Performance

Insignia declares that all its products complies with the essential requirements and other relevant provisions of Directive 305/2011/EC. A copy of the Declaration of performance is available from [www.insigniashowers.com/ce-certification](http://www.insigniashowers.com/ce-certification)

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