



INSTALLATION MANUAL

KY1600

Sauna Series



30 Day Technical Support:

Call **01908 317512** and request technical support for aiding your installation.

Replacements Parts: Inside of your warranty period visit:

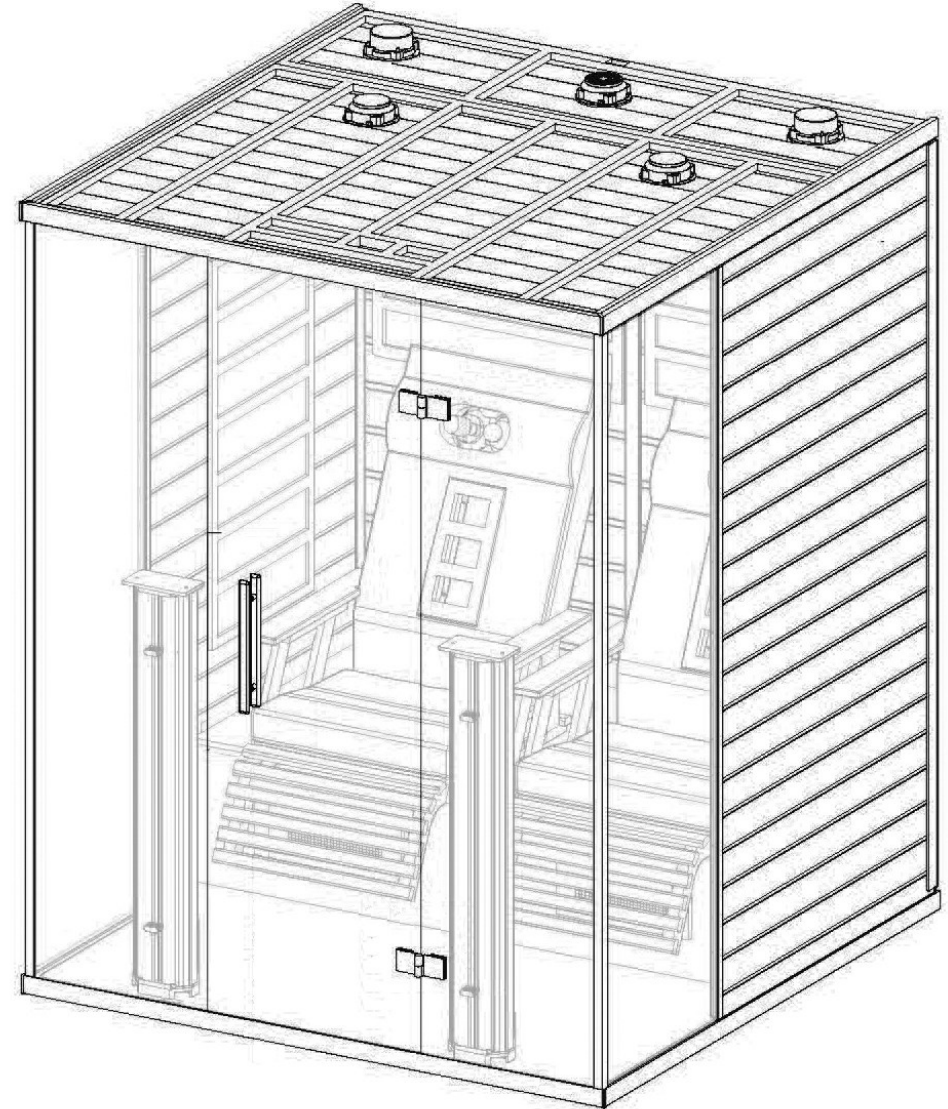
<https://www.insigniashowers.com>, click support and make a warranty claim.

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.

Electrical Requirements Model KY1600

Voltage Rating 220-240AC

Frequency Rating 50Hz

Power Rating 2920 Watts

Amperage 12.15 amps

Indoor saunas with power consumption under 3KW have been designed for easy installation, allowing for a simple plug-in directly into a standard household power circuit.

Installation Notes:

1. (Recommended) Consult with a qualified Electrician before connection to assess suitability.
2. Ensure all parts are connected safely and correctly.

Always use protection against electrical surges by means of an RCD unit.

If you are uncertain about the installation process or have any questions, please feel free to reach out to our friendly technical support for general advice. For anything more specific to the electric installation, please consult with a certified electrician.

Tools Required

You will require:

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

What's in the Boxes?

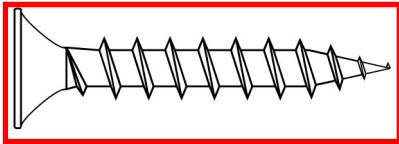
Contents	Quantity	✓
Back Wall (two pieces)	1	[]
Floor (two pieces)	1	[]
Roof (two pieces)	1	[]
Left Side Panel	1	[]
Right Side Panel	1	[]
Fixed Glass Panel (Side)	2	[]
Fixed Glass Panel (Front)	2	[]
Front Panel Hanging Heaters	2	[]
Heater	2	[]
Chair	2	[]
Door	1	[]

Contents	Quantity	✓
90° Metal Corner Frame	2	[]
Metal Frame (Side Panel to Fixed Glass)	2	[]
Screw Pack	1	[]
Door Handle	1	[]
Door Hinge	2	[]
Magnetic Door Seal	2	[]
Rear Door Seal	1	[]
Outer Framework (Floor)	3	[]
Outer Framework (Roof)	3	[]
Ribbed Seal	1	[]

VERY IMPORTANT

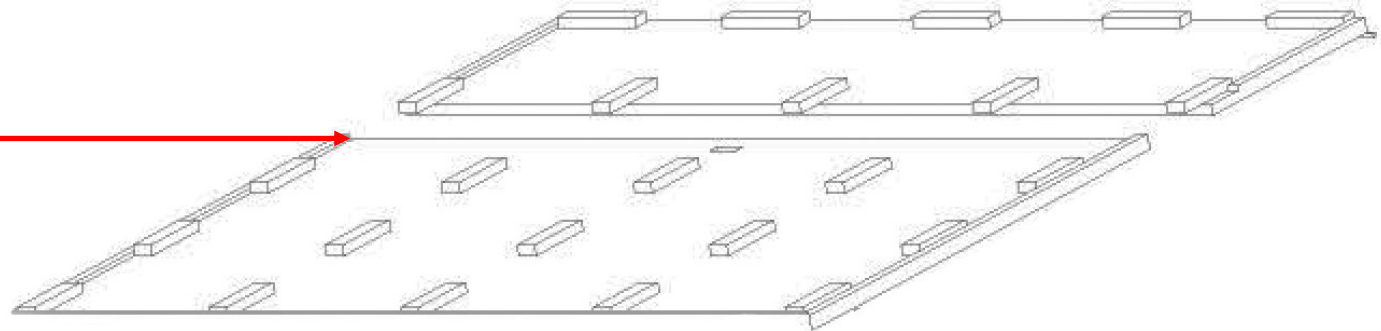
Have you got everything? If not please contact the Insignia directly on **01908 317 512**. Remember **NEVER** book your tradesman until everything has arrived, been checked and is present. No replacement/missing parts can be obtained free of charge during or after the build. Any claims can only be within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

Step 1 — Connecting the floor

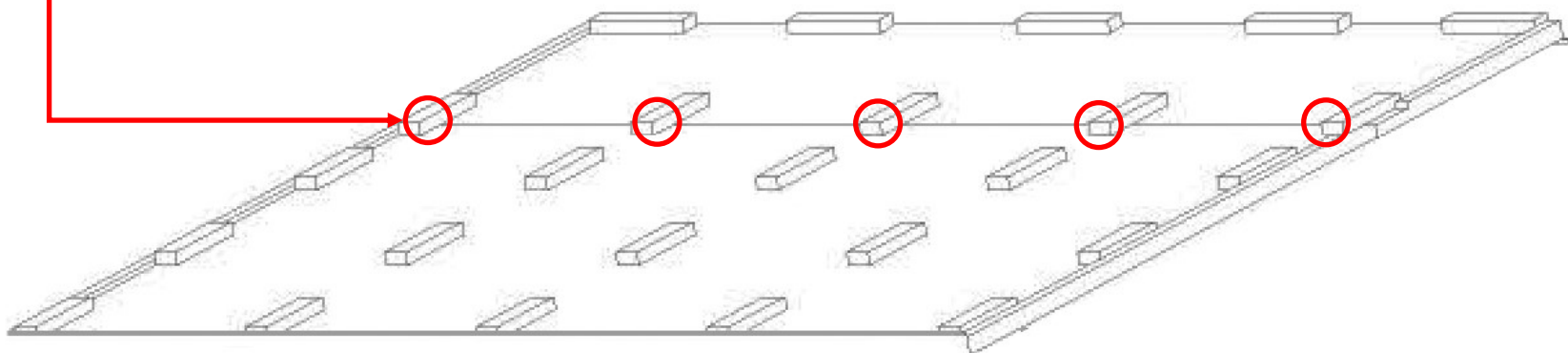


5 x 25mm Screws

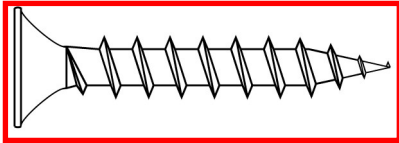
Locate the tongue and groove before slotting the floor pieces together.



Turn upside down and slot together. Use 5 x ST25 Screws and secure the floor together.



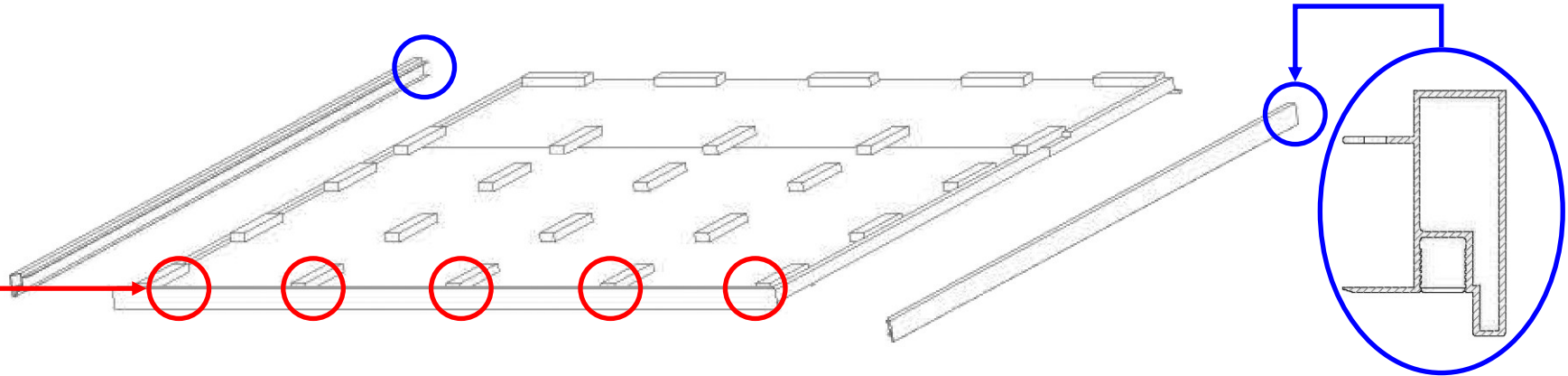
Step 2 — Connecting the floor frame



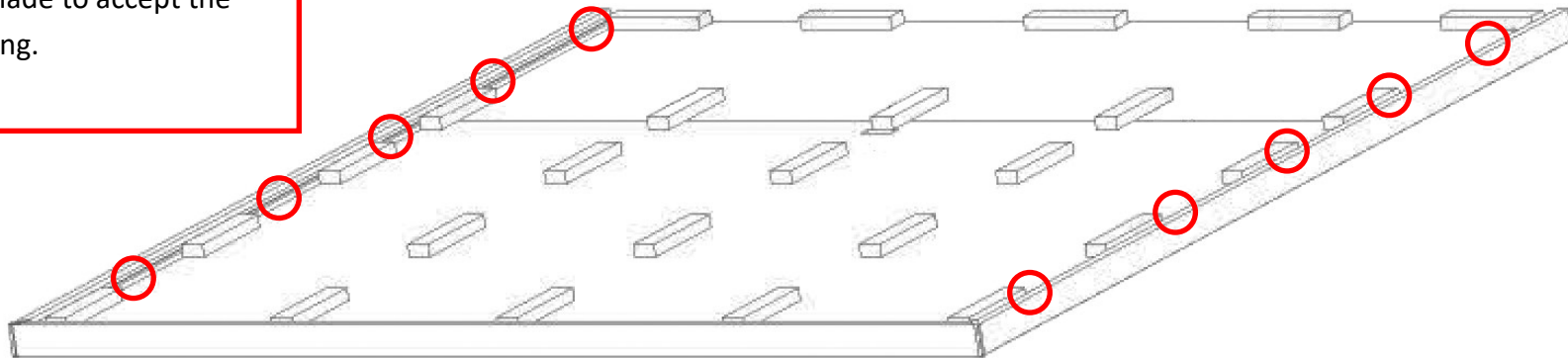
10 x 25mm Screws

Locate the metal floor frame and position around the floor. The front corners will meet flush at a 45° angle.

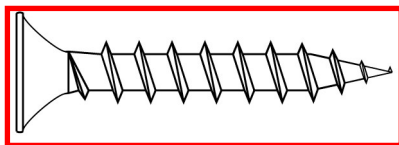
Firstly, place the front metal frame in position and screw in using ST25 Screws.



Align the left and right metal frames before screwing in. The frame will have holes pre-made to accept the screws for securing.

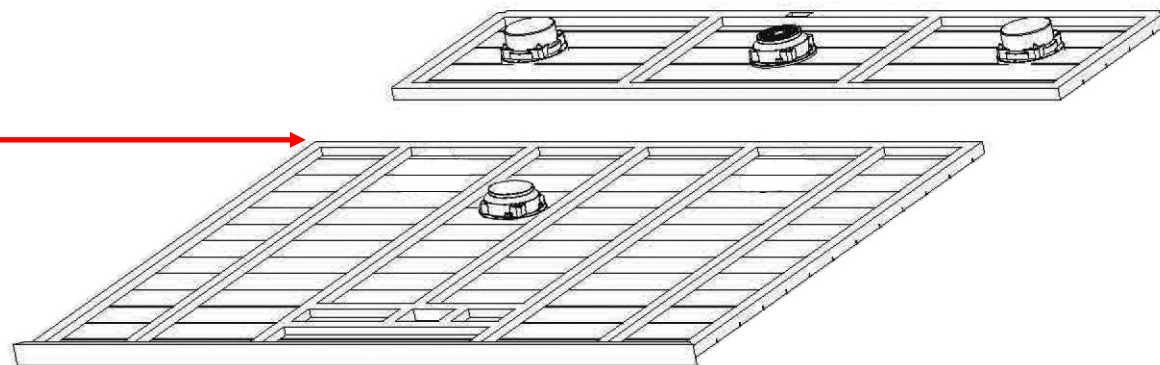


Step 3 — Connecting the Roof

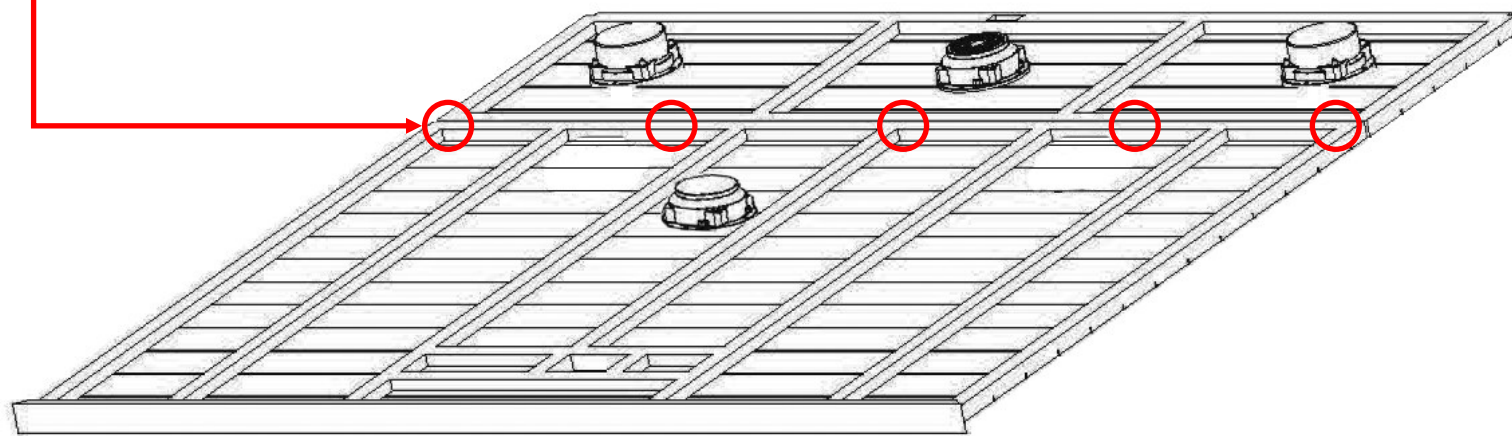


5 x 60mm Screws

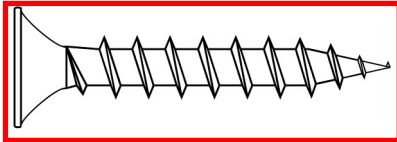
Locate the tongue and groove before slotting the roof pieces together.



Locate the two roof pieces, turn upside down and push together. Use 5 x ST60 Screws and secure the roof together.



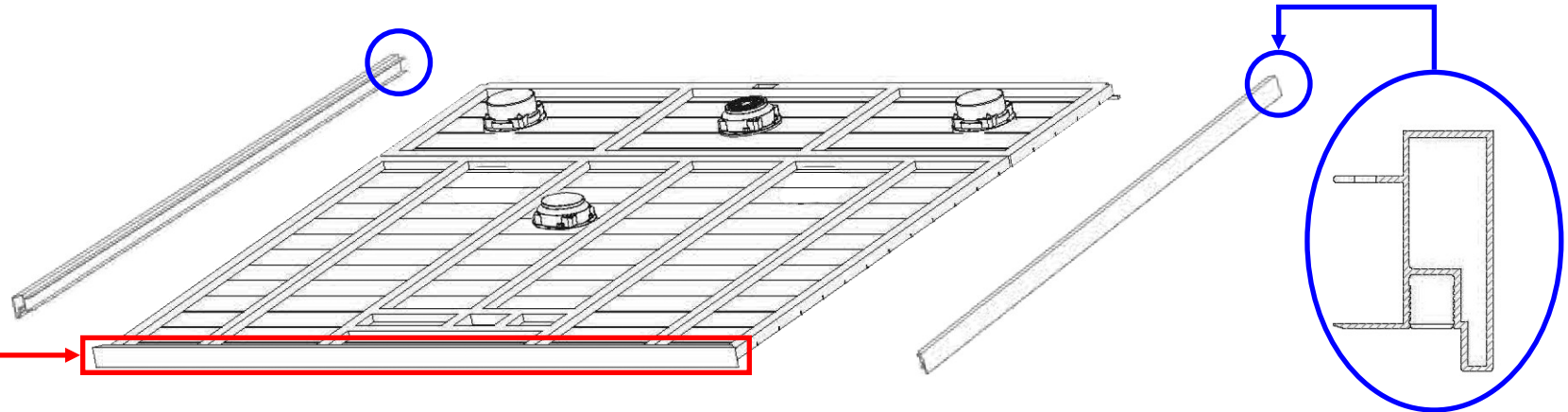
Step 4 — Connecting the roof frame



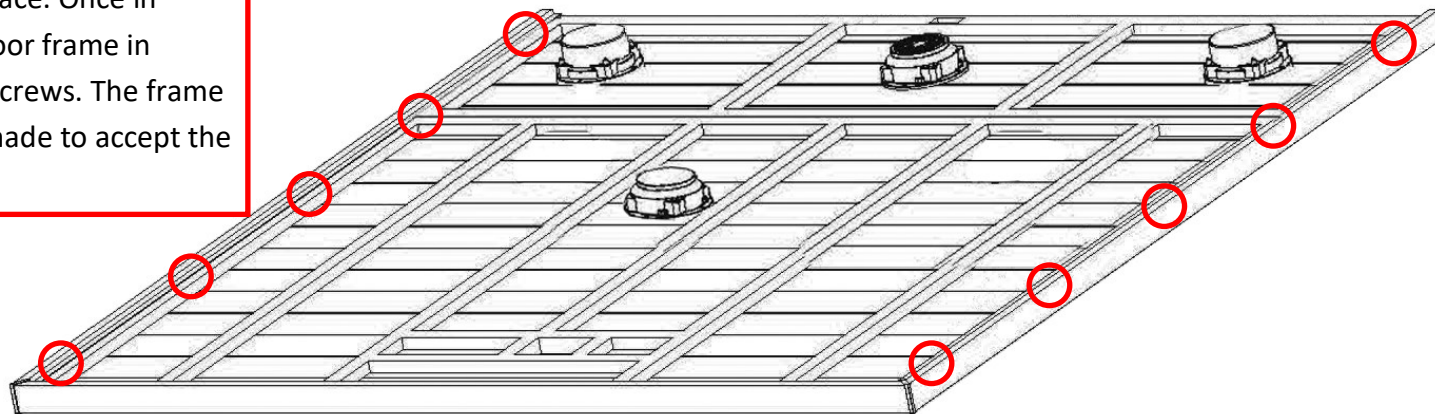
10 x 25mm Screws

Locate the metal roof frame and position around the floor. The front corners will meet flush at a 45° angle.

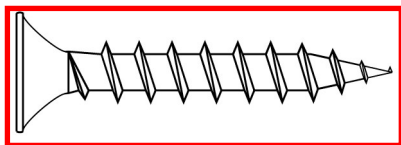
Firstly, place the front metal frame in position and screw in using ST25 Screws.



Align the left and right metal frames before screwing in place. Once in position screw the floor frame in position using ST25 Screws. The frame will have holes pre-made to accept the screws for securing.

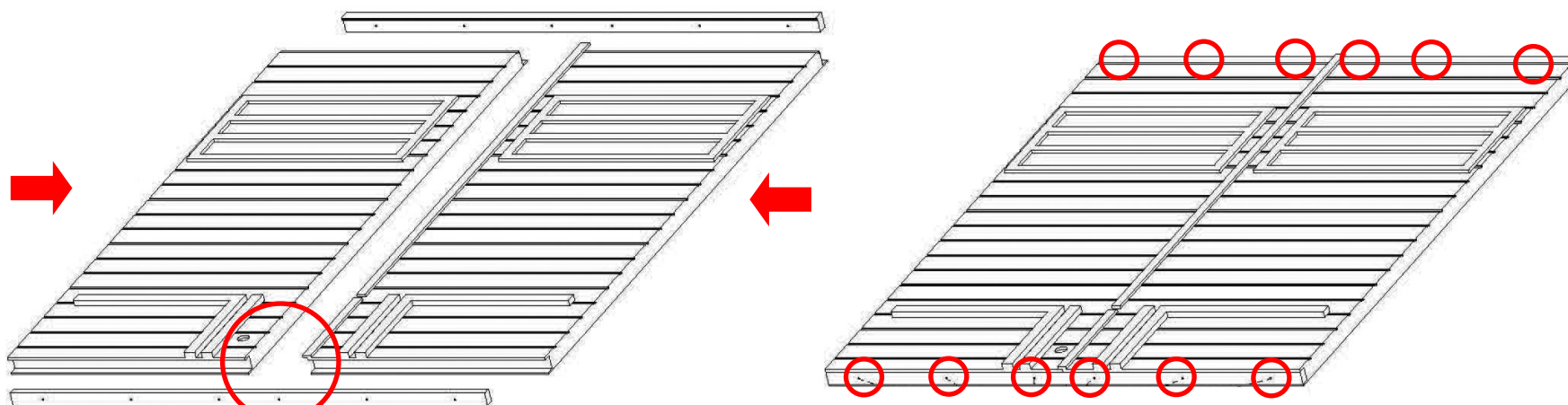


Step 5 — Connecting the back panels together

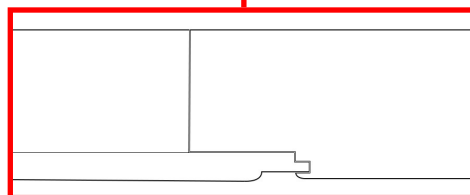


12 x 60mm Screws

Locate the metal roof frame and position around the floor. The front corners will meet flush at a 45° angle.

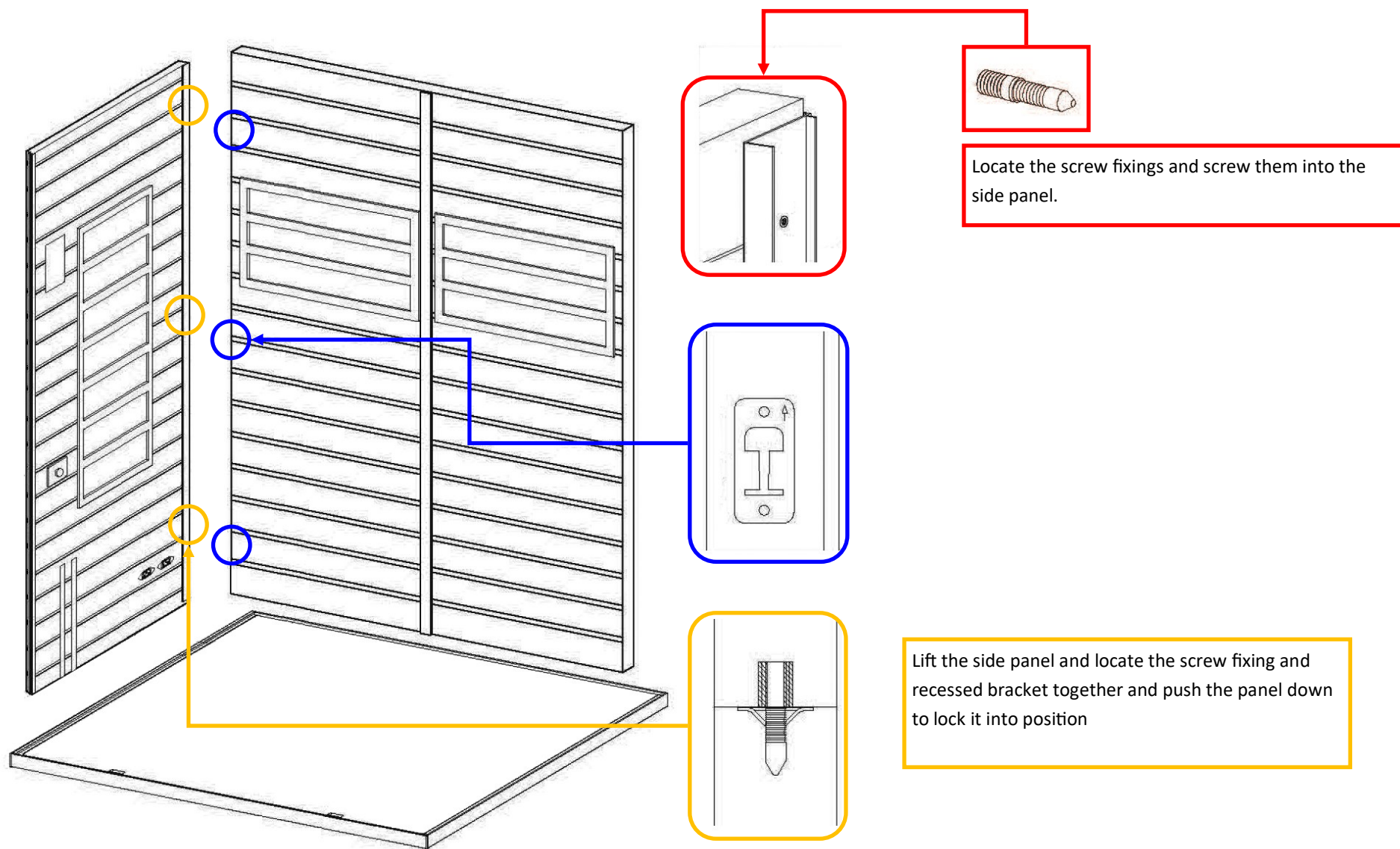


Locate the two back panel sections and push together using the interlocking grooves.

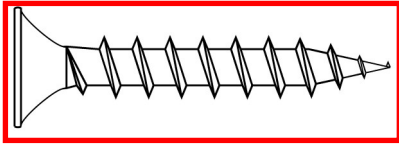


Locate the top and bottom securing struts, push into the recess of the connected panels and screw to secure using ST60 screws.

Step 6 — Left side panel and back panel connection

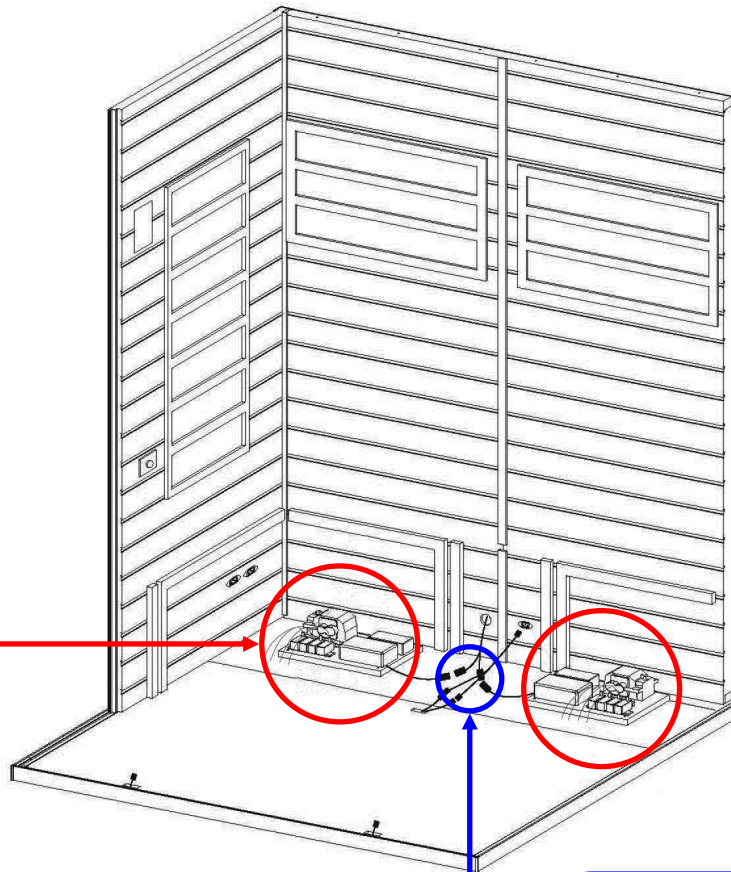


Step 7 — Securing the chair hydraulics

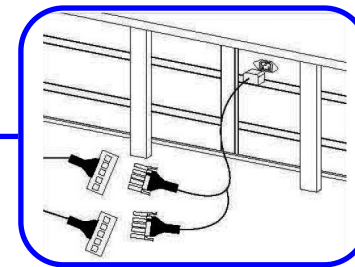


8 x 40mm Screws

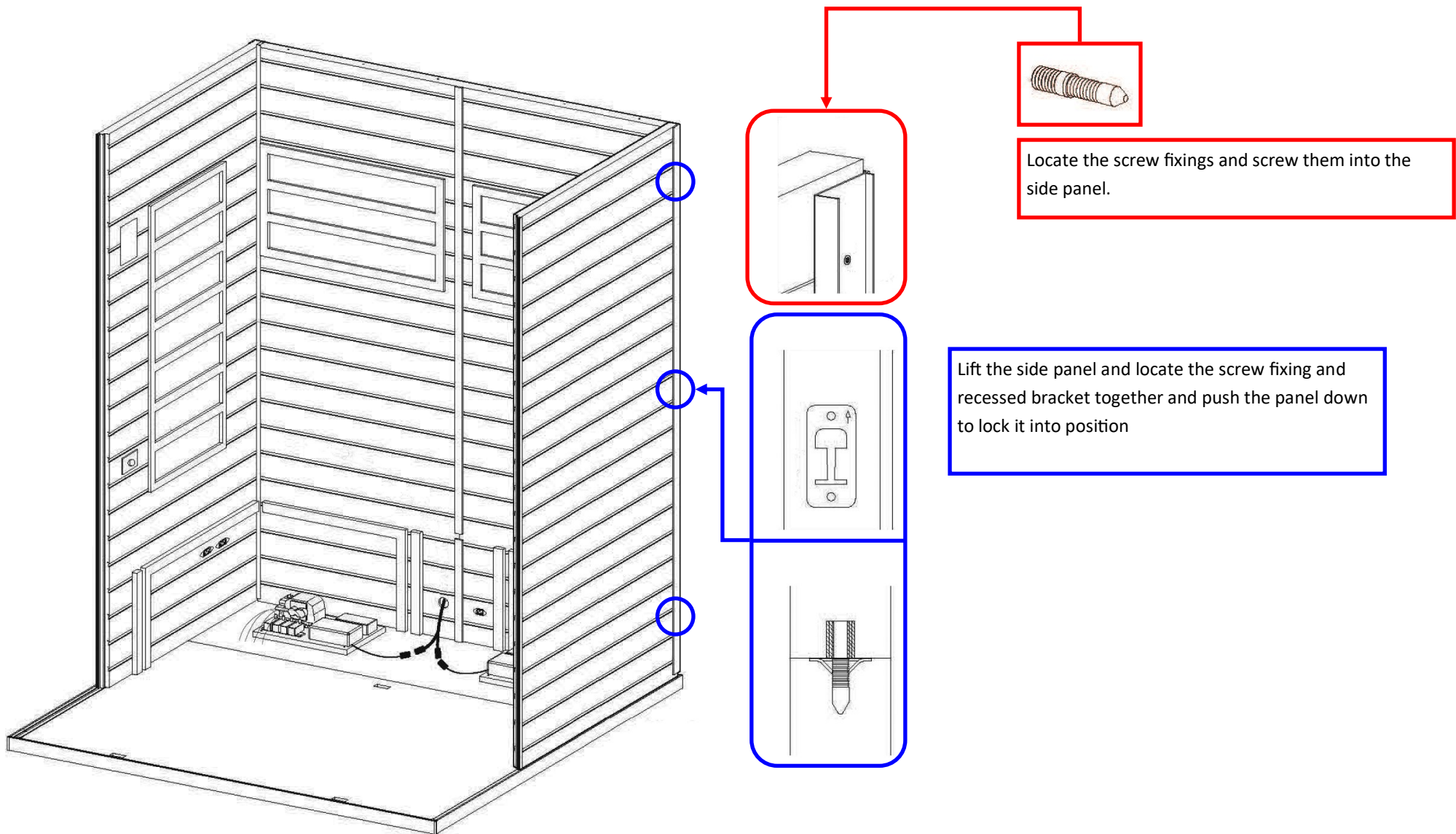
Place the chair hydraulics into position and screw down using ST40 screws.



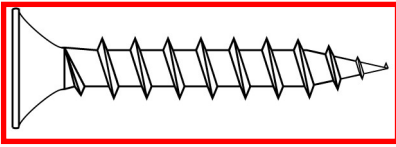
Connect the wires from the back panel to the hydraulic plates using the 'Y' extension cable.



Step 8 — Right side panel and back panel connection



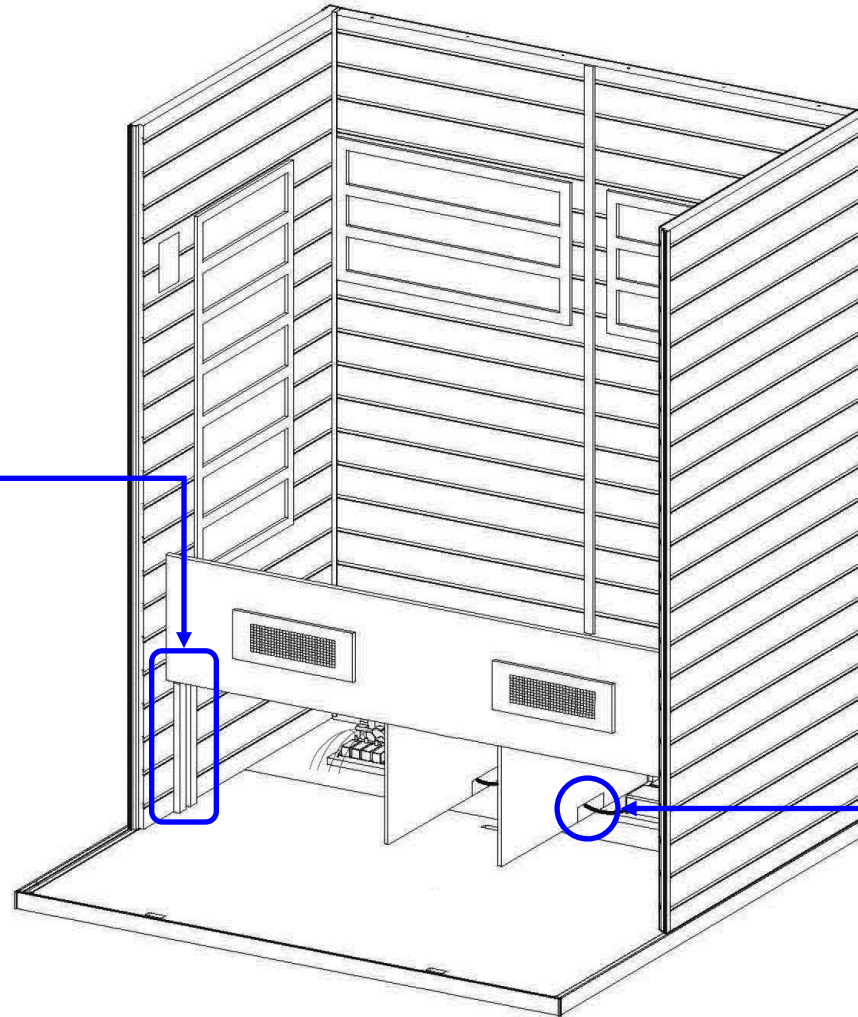
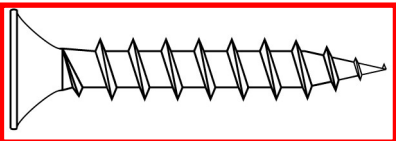
Step 9 — Installing Lower Heaters and Support Panels



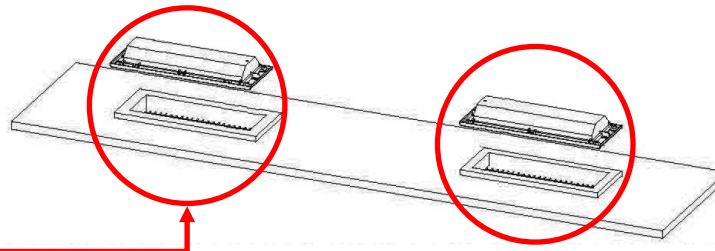
8 x 25mm Screws

Locate the two wooden partition panels with grooves cut out of the bottom and place in the grooves of the back panel. Place the panel with the heaters into position in the wooden securing uprights in each side panel.

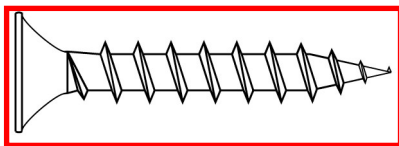
Locate the heaters and secure to the panel with heater guards with ST 25 screws.



Ensure the cut-outs of the inserts are placed at the bottom required for the wires to be fed

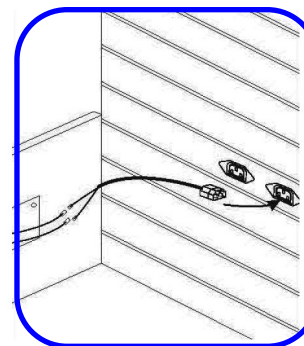
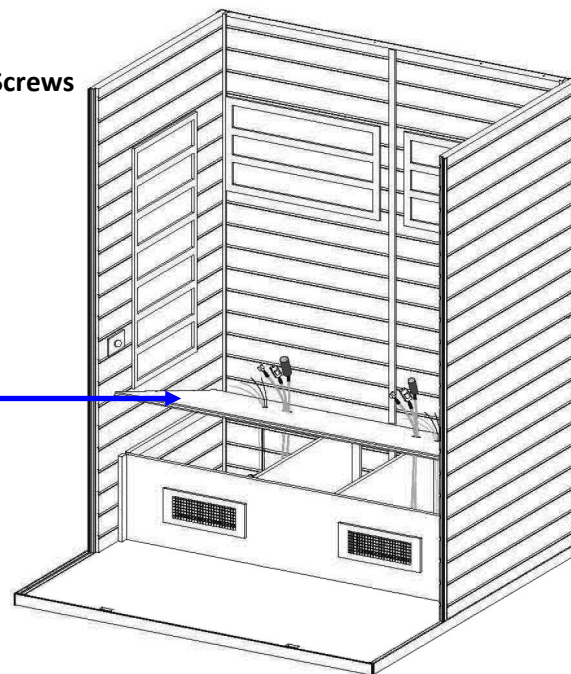


Step 9 — Installing chair base

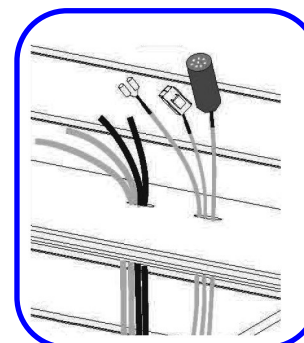


8 x 25mm Screws

Slide the top part of the bench flat into slot and leave space behind to feed wires through holes. Once wires fitted, slide the rest into place.

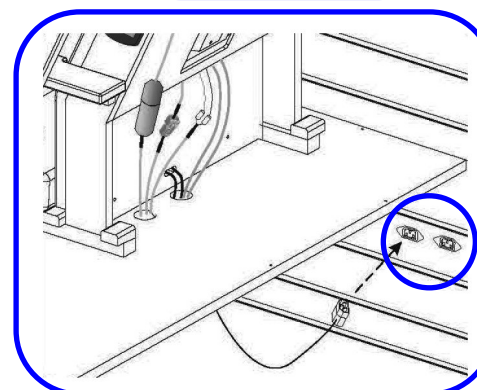
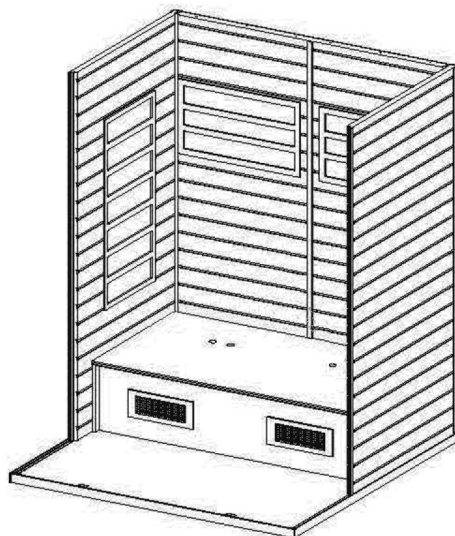


Connect calf heater wire to the extension cable.



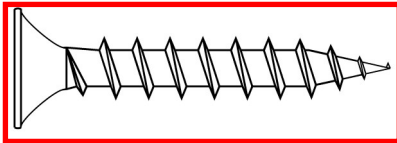
Unplug remote chair massager.

Screw the base board down using 8 ST40 Screws.



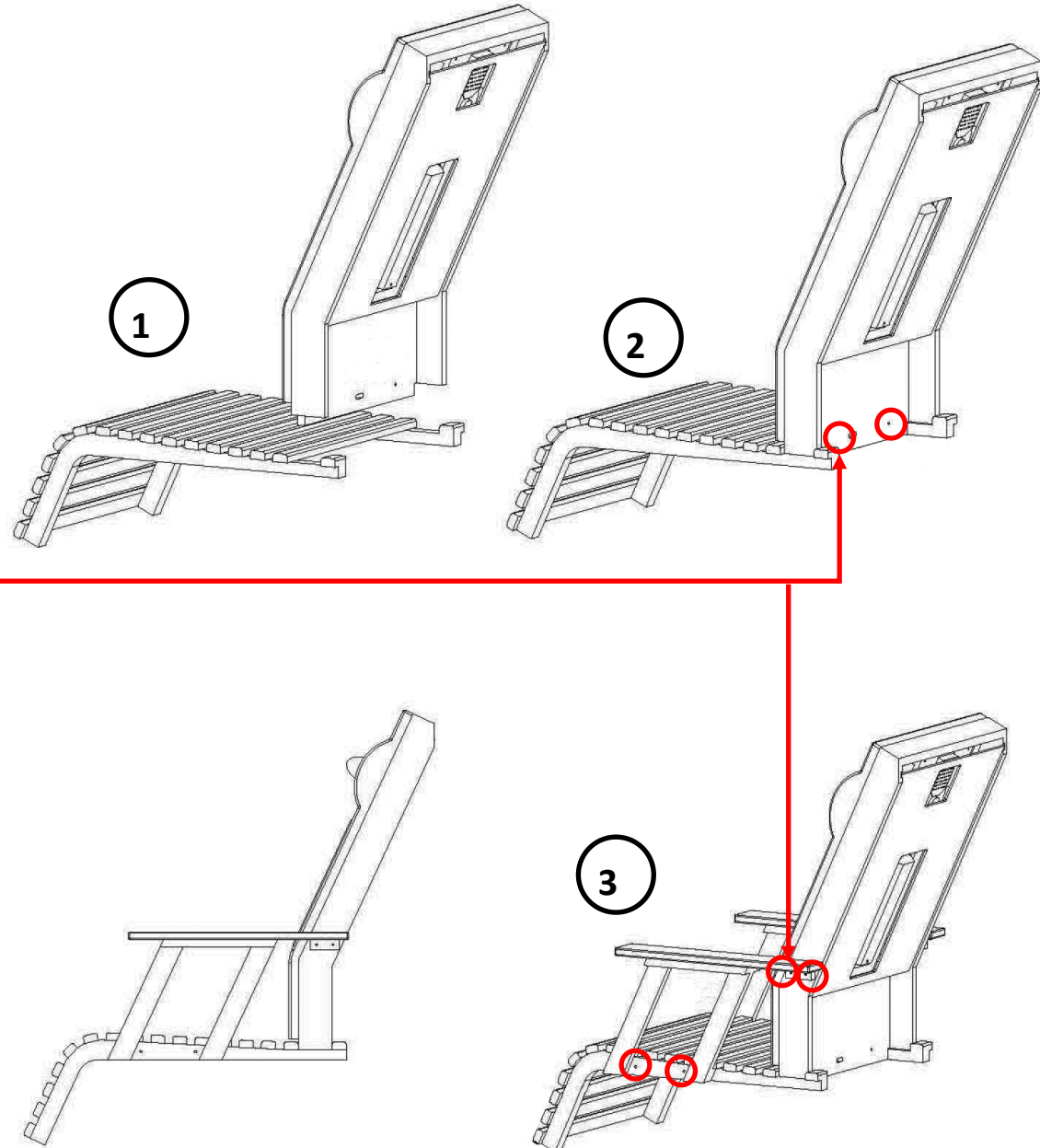
Plug chair backrest heater extension cable into the side wall.

Step 10 — Assembling the seats (x2)

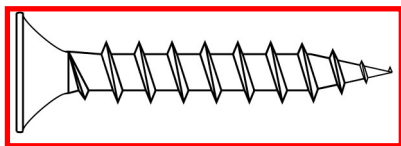


20 x 40mm Screws

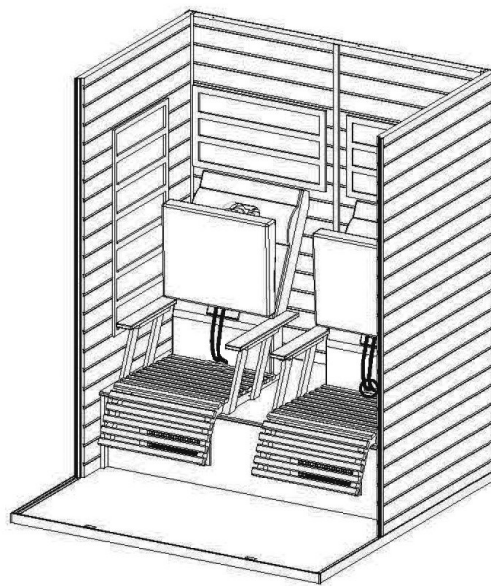
- 1) Locate the chair back and place into position.
- 2) Screw the chair back to the base using 2 ST40 Screws.
- 3) Position the arm rests and screw in position, using 2 ST40 Screws connecting to the base and 2 for the arm. Do this for both arms.
- 4) Repeat the process for the other chair.



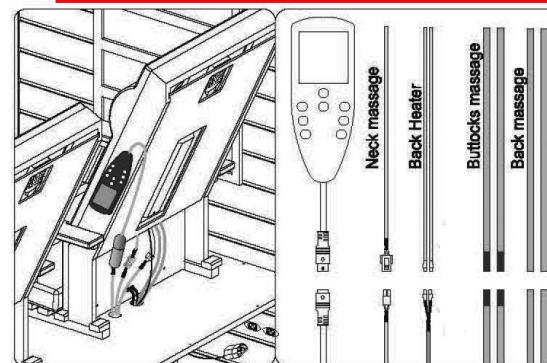
Step 11 — Installing seats



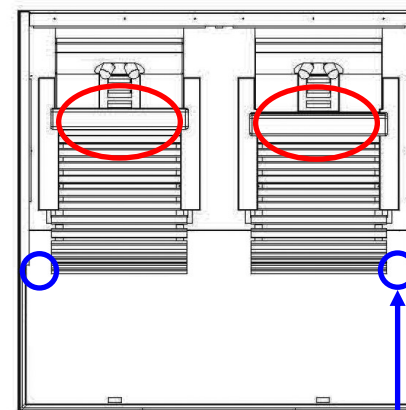
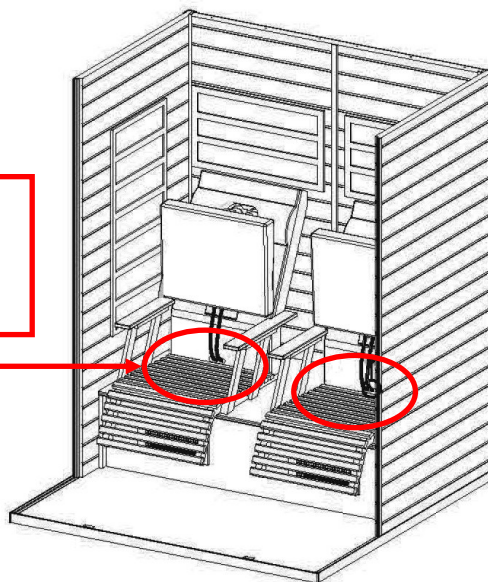
20 x 40mm Screws



Firmly push all rubber hoses together and connect all wires together.

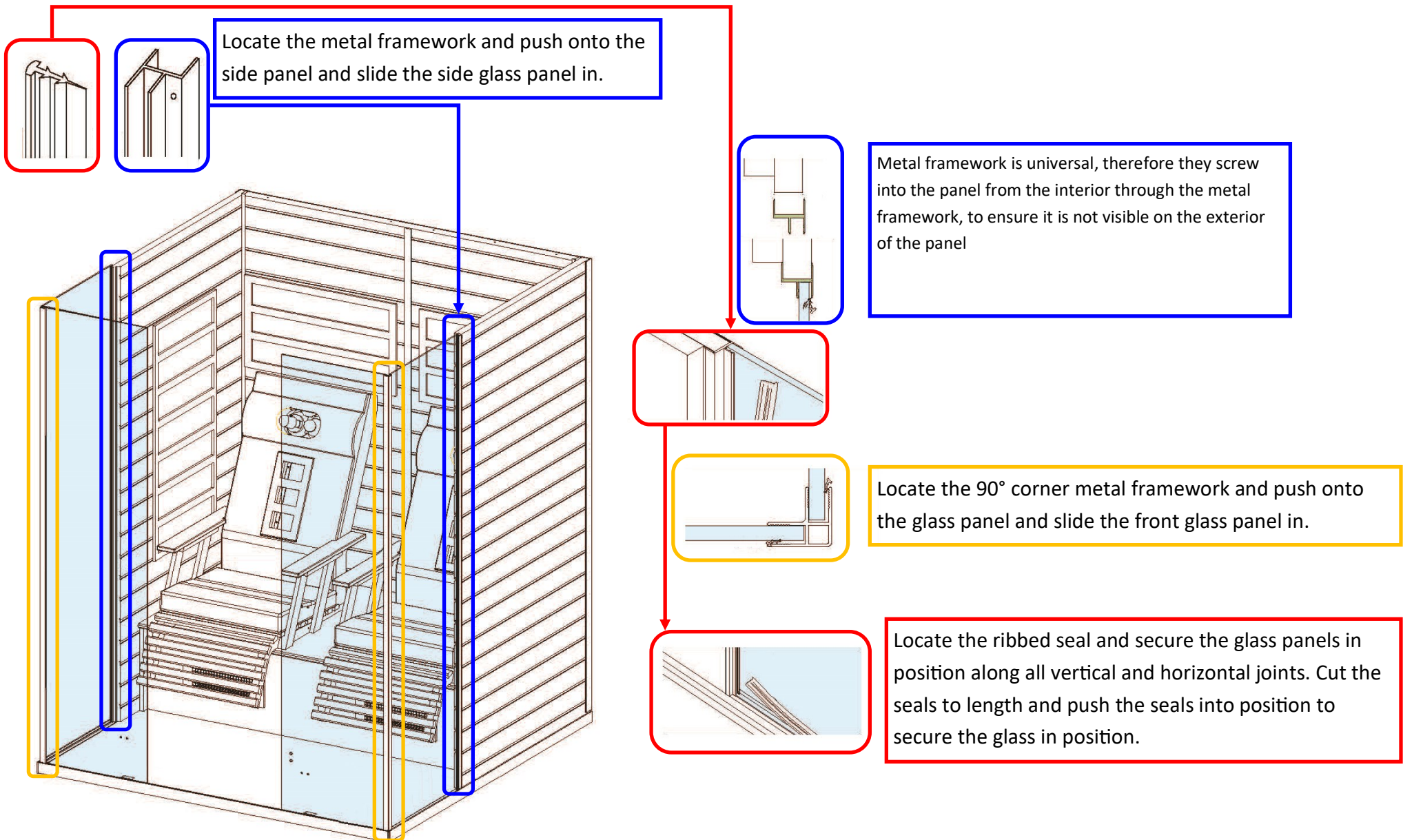


Screw the seat to the seat base using 4 ST40 screws. Do this for both chairs.

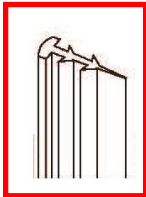
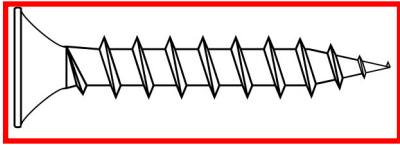


When positioning the chairs, ensure they have at least 50mm clearance from the side panel.

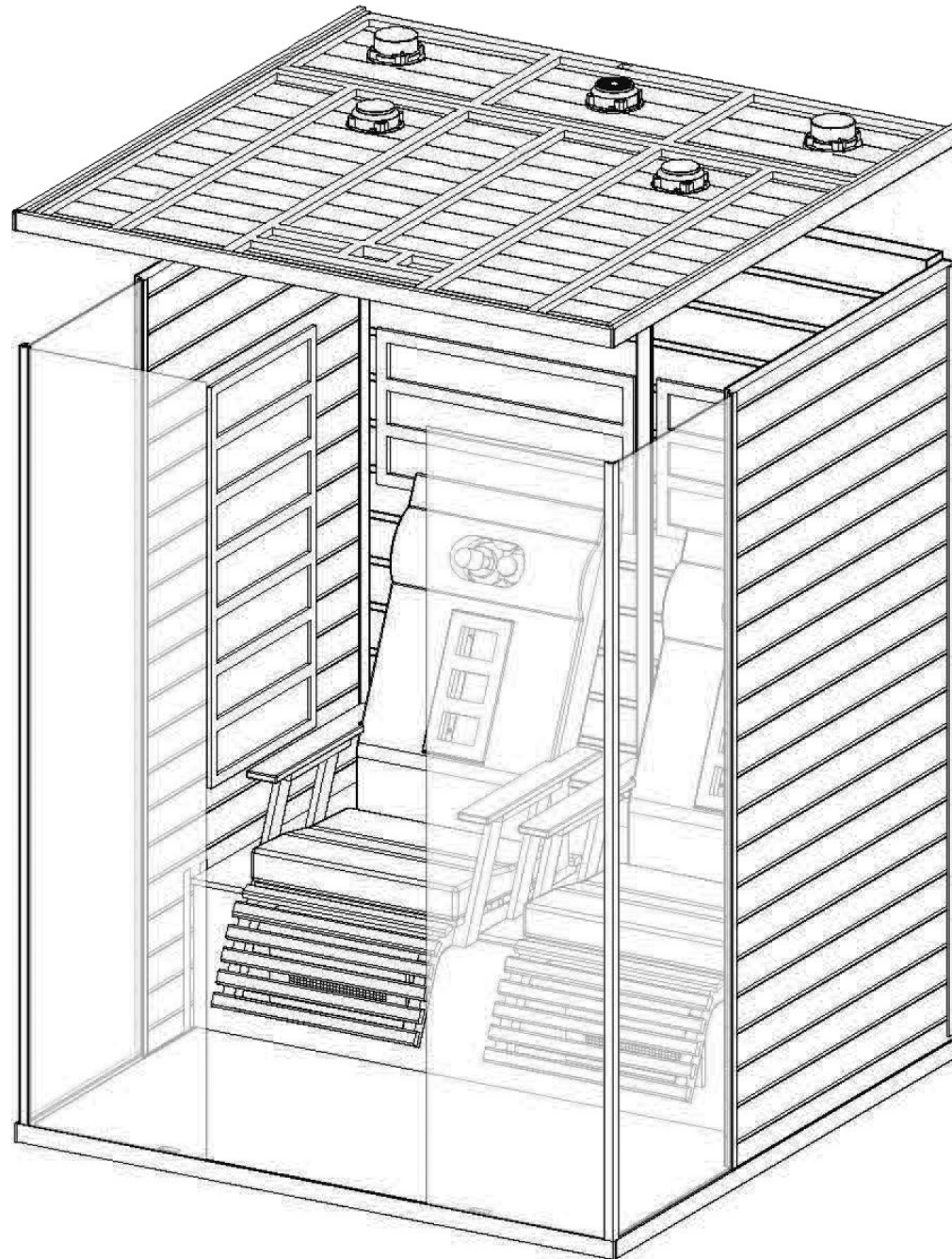
Step 12 — Glass Panel Install



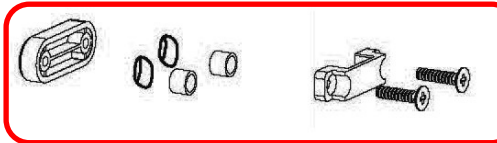
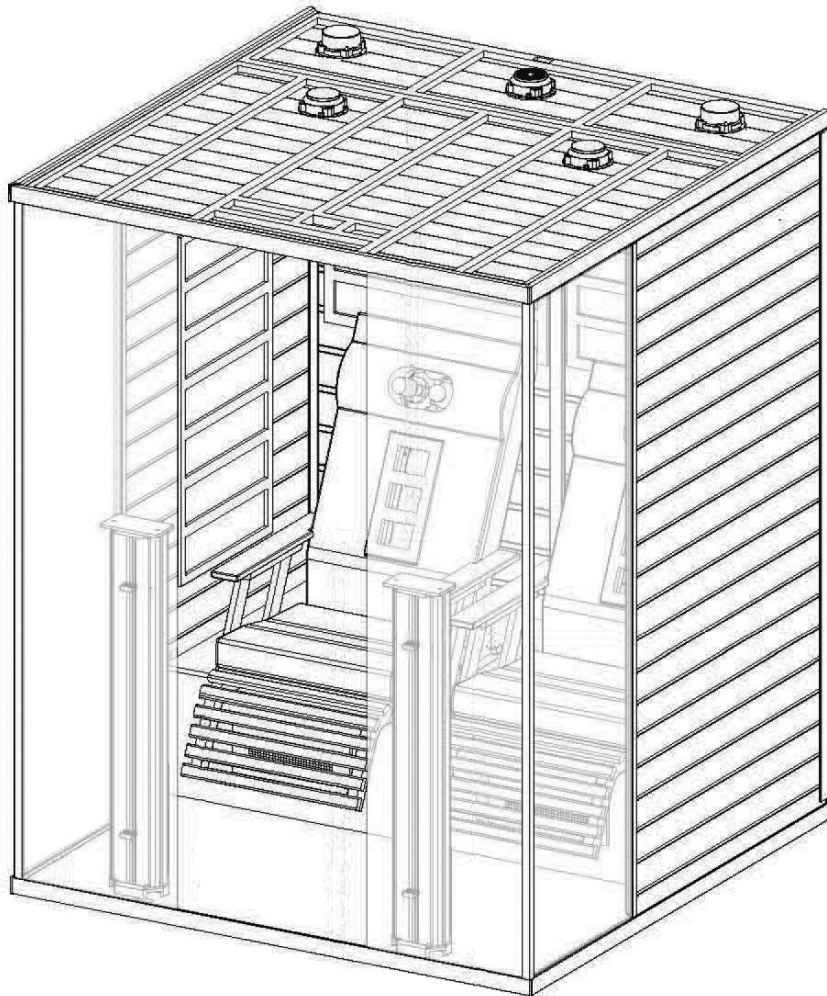
Step 13 — Roof Install



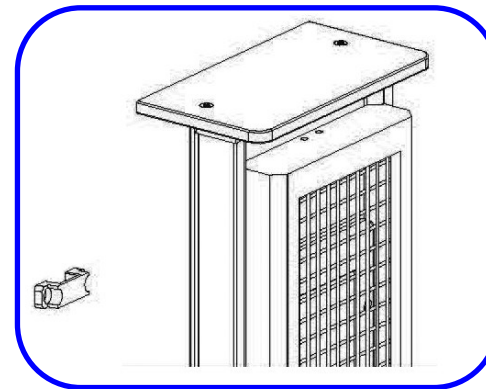
Lift the roof and place on top on the sauna. Once in position, secure the glass in position by pushing the ribbed seal into all horizontal connections along the glass panels and roof. Screw the roof down using ST60 Screws.



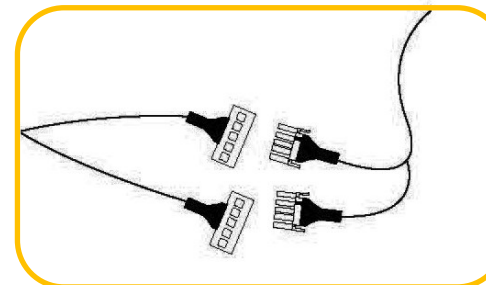
Step 14 — Front Heaters Install



Connect the heater hanging brackets to the front fixed glass panel.

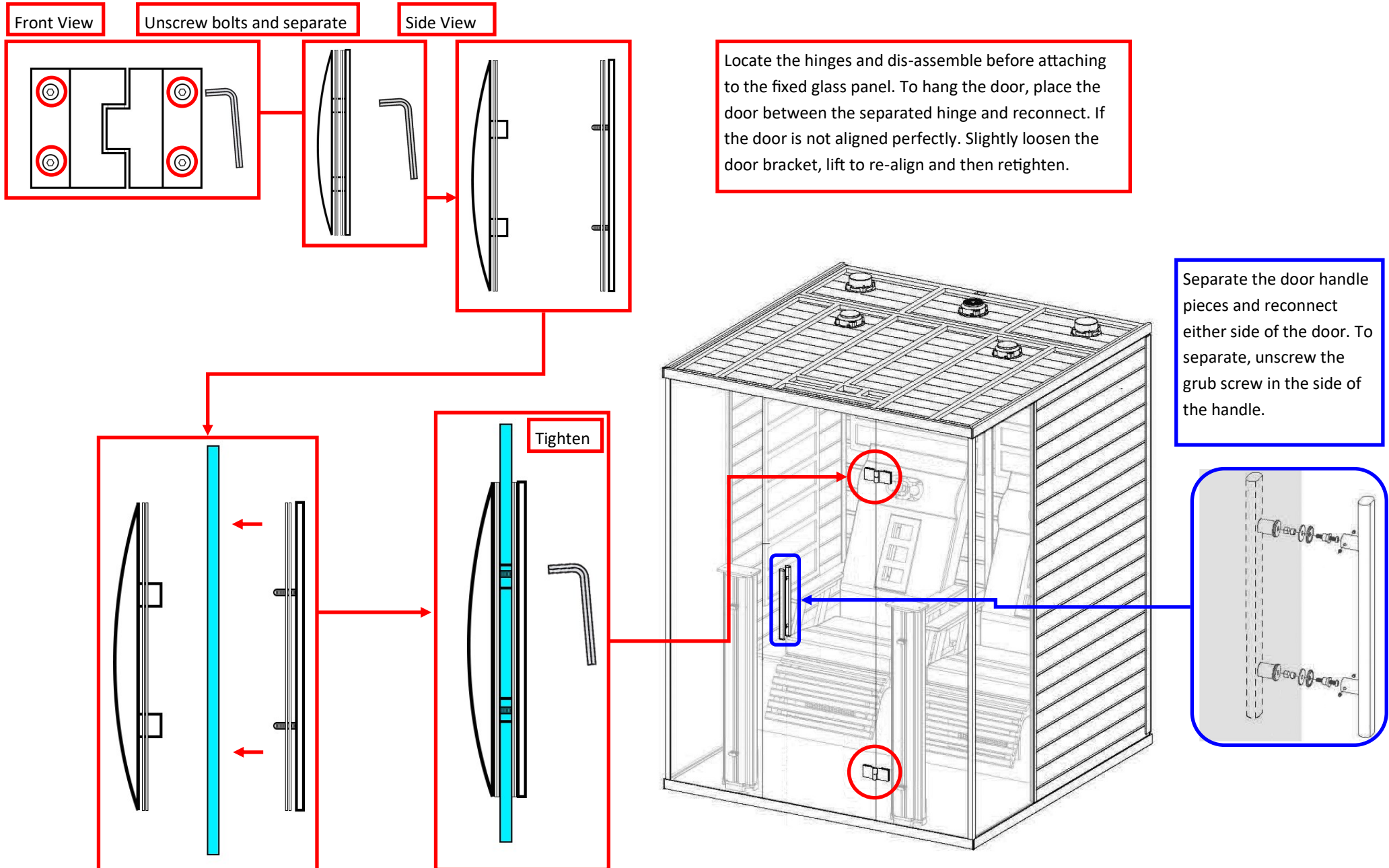


Hang the heaters onto the brackets.

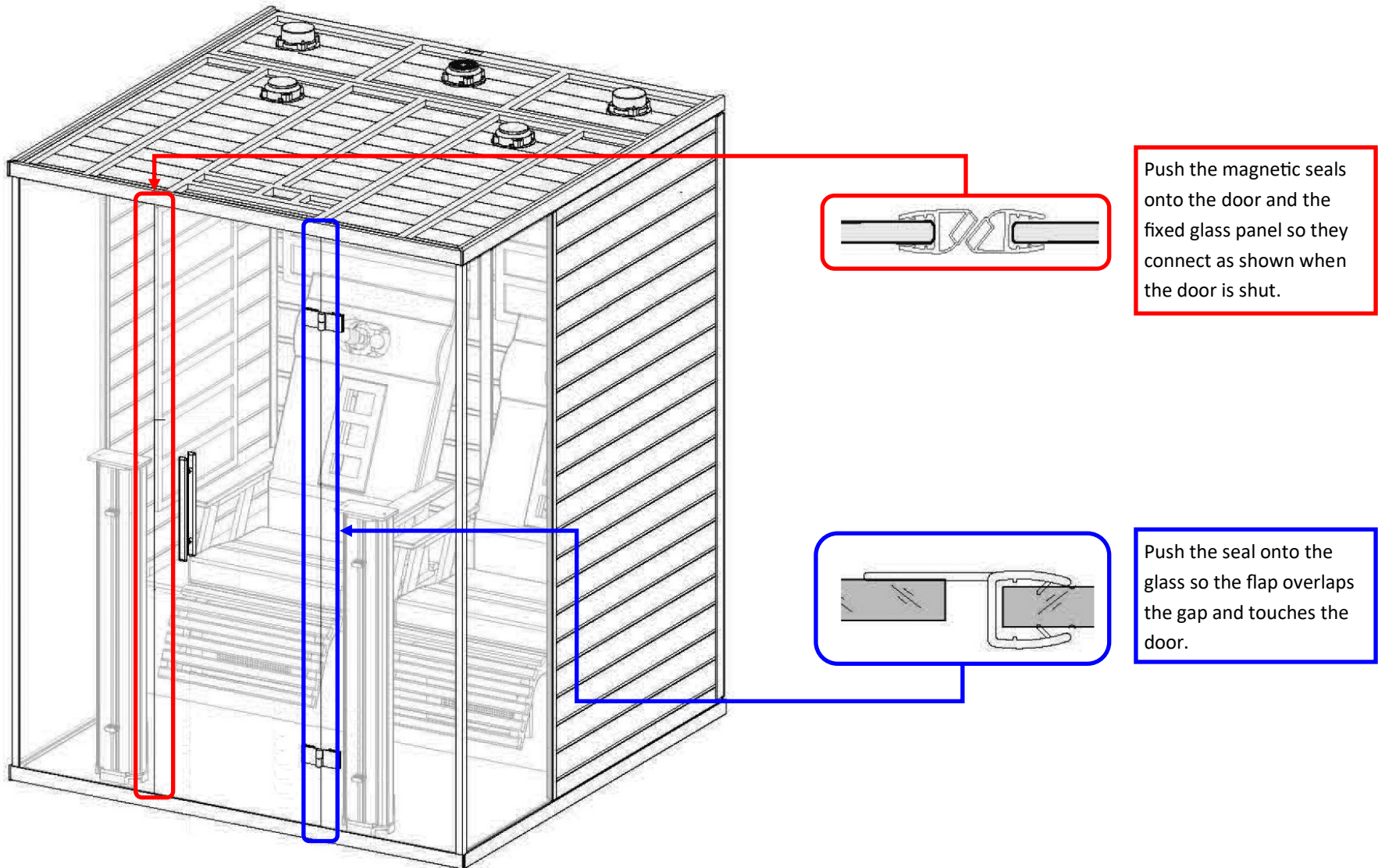


Connect the heater power at the base.

Step 15 — Installing the door, hinge and handle

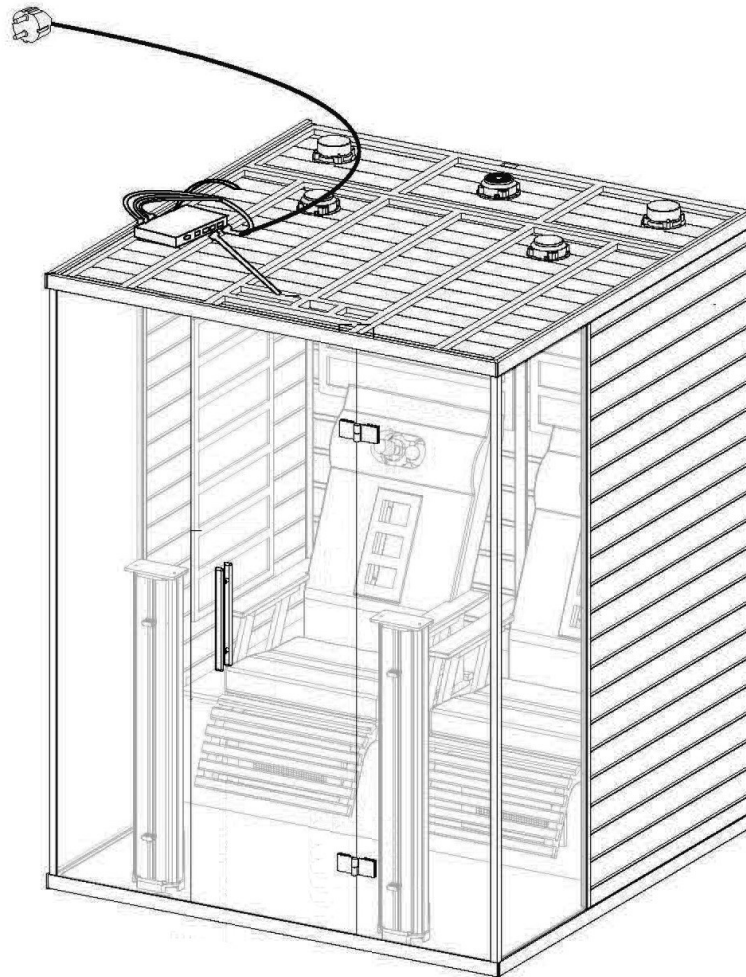
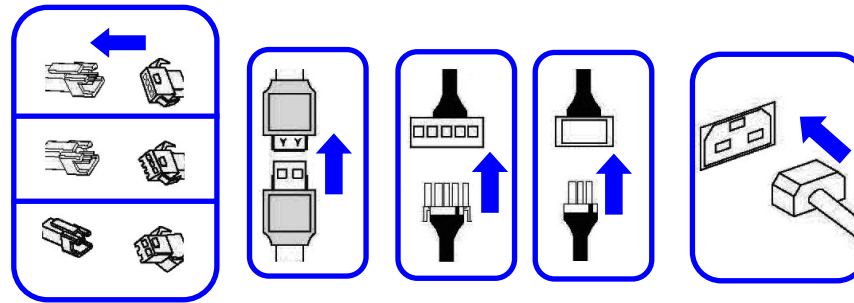


Step 16 — Connecting the seals

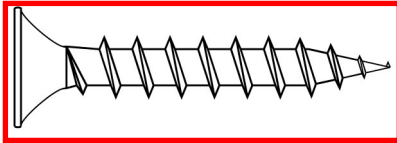


Step 17 — Electrical connection

Locate all electrical wires and connect together. Take care when making any connection to avoid damage to any pins.

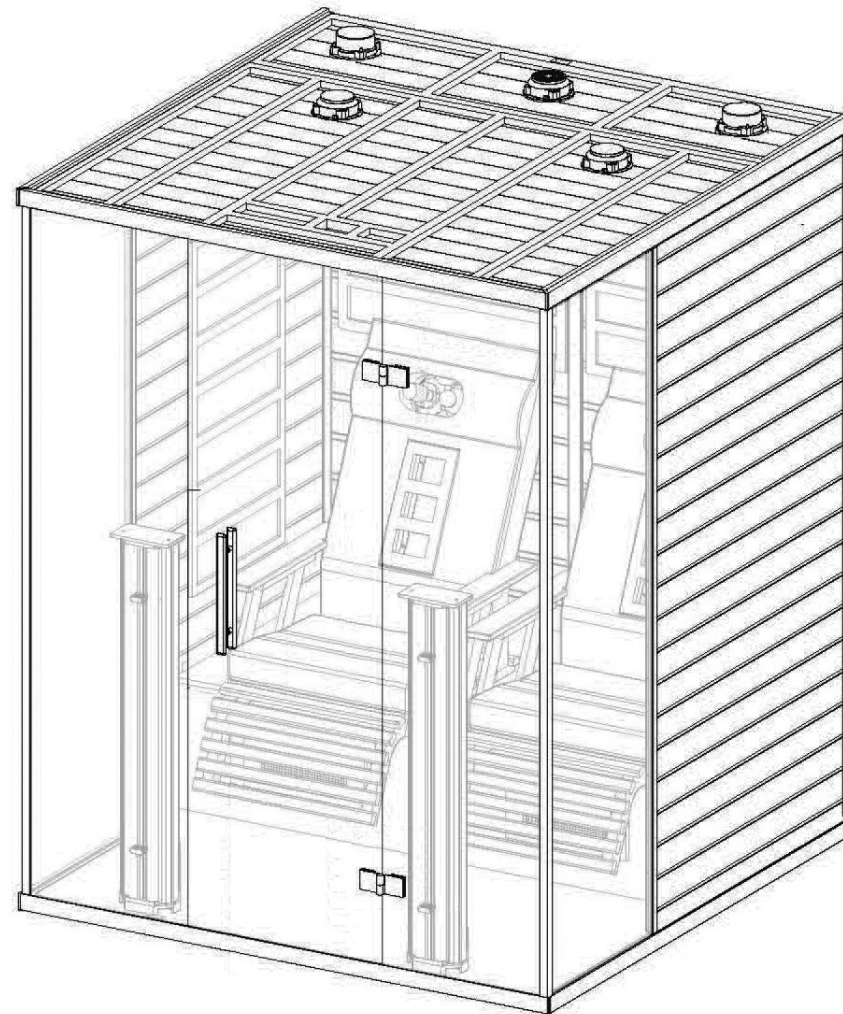
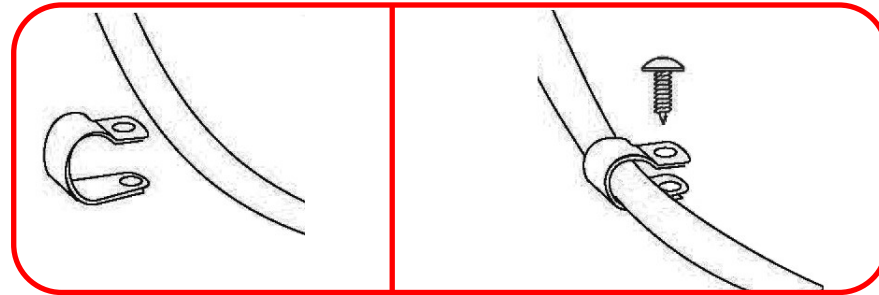


Step 18 — Securing the Wires to the Roof



20 x 12mm Screws

Use the cable tidy's to tidy and secure all wires on the roof.



KY1500 (KY0721 BT Panel)

Control Panel Instructions

Button 1/2 (Sauna Heaters)

Press to activate Sauna heaters. Pressing once will put the heaters on at 100%. Twice = 90%. Three times = 80%. Four times = 70% and five times = Off.

Button 3(Lights)

Press to cycle through the coloured lights. Each press will change colour until a full cycle is completed and they turn off.

Button 4 (Fan)

Press to turn the fan on, press again to turn it off.

Button 5 (Time/Temp)

Press to display temp, then cycle through desired temperature setting (max 60°C) using up and down arrows (Buttons 6/8). Press again to display time, then cycle through desired time setting (max 99 mins) using up and down arrows (Buttons 6/8).

Button 6/8 (Up and Down Arrows)

Use to cycle up or down through various setting options.

Button 7 (Play/Pause/Memory)

Use to Play/Pause music through various settings. When searching and tuning the radio, use to save a desired frequency to a specific channel.

Button 9 (Set)

Press and use the arrows (Button 5/11) to manually search. Hold to tune radio stations automatically.

Button 10 (Audio Mode)

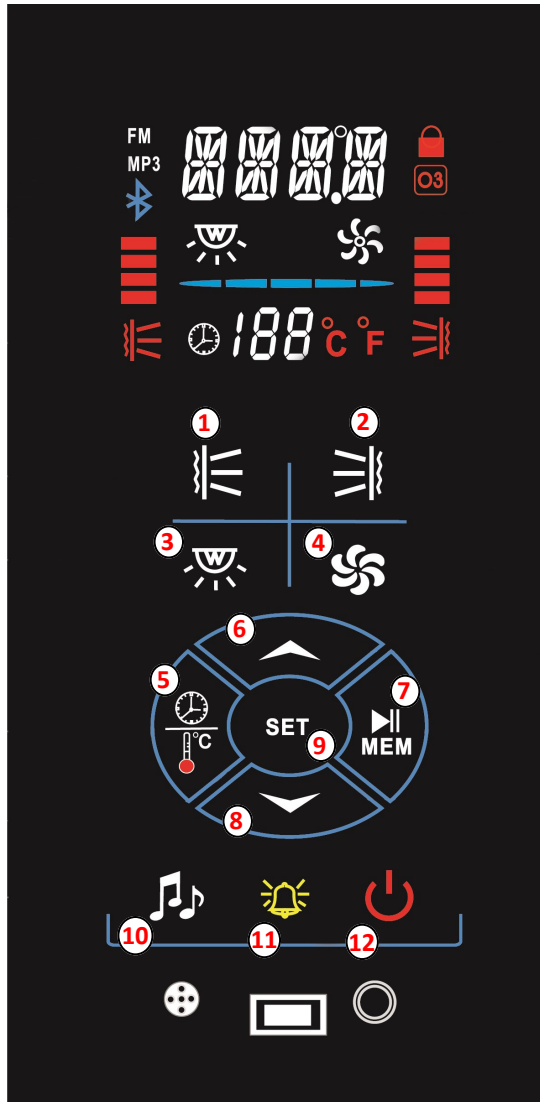
Press to cycle through the audio options, Radio/MP3/USB/Bluetooth or AUX. To connect the Bluetooth press the Audio function (Button 10) until 'BT' is shown on the control panel. Pair the sauna with your device. Once connected a tone will signify the connection has been successful and the Bluetooth icon showing on the panel interface.

Button 11 (Alarm)

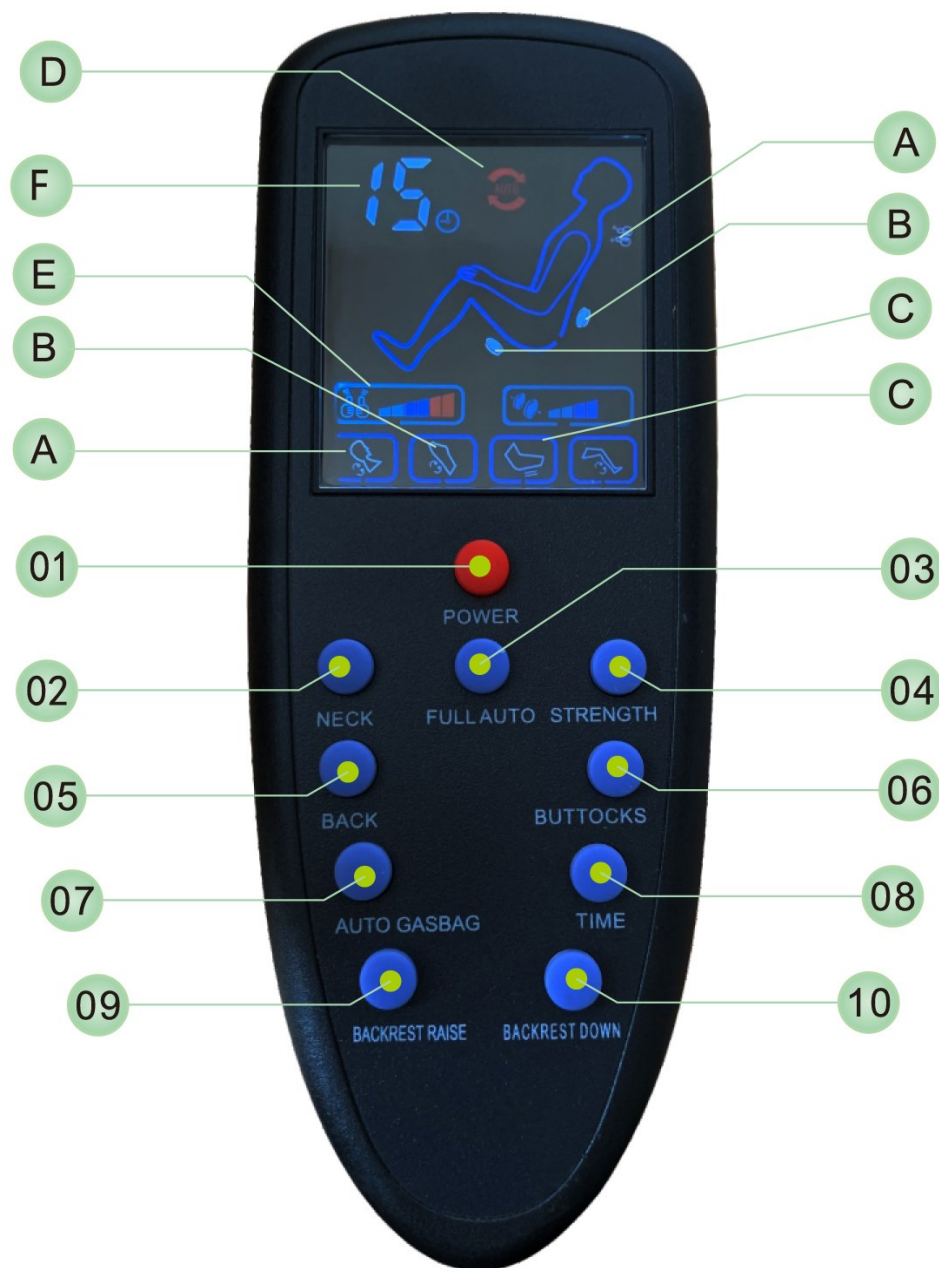
Press to activate the alarm, press again to deactivate it.

Button 12 (Power)

Use to power the control panel on or off. Also use to unlock the panel (enters lock mode automatically after 60 seconds of inactivity).



Chair Remote



- | | | |
|---------------------|------------|----------------------|
| ① 【 Power 】 | ② 【 Neck 】 | ③ 【 Full auto 】 |
| ④ 【 Strength 】 | ⑤ 【 Back 】 | ⑥ 【 Buttocks 】 |
| ⑦ 【 Auto gasbag 】 | ⑧ 【 Time 】 | ⑨ 【 Backrest raise 】 |
| ⑩ 【 Backrest down 】 | | |

* Display

- | | |
|------------------------|-------------------------|
| Ⓐ 【 Neck massage 】 | Ⓑ 【 Back massage 】 |
| Ⓒ 【 Buttocks massage 】 | Ⓓ 【 Full auto massage 】 |
| Ⓔ 【 Strength 】 | Ⓕ 【 Time 】 |

Sauna Usage & Safety Guide

1. Never leave children unattended in the Sauna.
2. Regulate (if preferred) the temperature of sauna or steam before session - Pre-heat time 15-30 minutes (from room temperature 20c)
3. Never touch the heater panels whilst in operation, possible burning may occur.
4. Recommended time of use is a maximum of 15 mins initially. We highly recommend working up in time to this, beginning with 5 minute sessions to get your body used to using a sauna.
5. Suggested operational heat range: Infrared—30° C-40° C. Infrared optimum use range 35°C to 40°C
6. Stay hydrated during each sauna session.
7. Exit the sauna immediately if feeling dizzy, faint or short of breath.
8. Do NOT use the sauna function if you're pregnant, have a heart condition, have low or high blood pressure. If you're unsure consult your GP before use.
9. If you have any underlying health conditions which you feel could be aggravated by an increase in temperature, consult your GP before use.
10. 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.
11. Consult your GP before using the steam room if you're on medication at all, especially with drowsy side effects.
12. Never use the sauna if you have been drinking alcohol or under the influence of other substances.
13. Do not put combustible material on the heaters at any time.
14. Always turn power supply off after use.

WEEE Compliance Statement

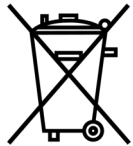
The UK Waste Electrical and Electronic Equipment (WEEE) regulations came into force on 2 January 2007. Under this new legislation, producers of electrical and electronic equipment (EEE) have to fulfil certain obligations.

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 wheelee 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



LABELING

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



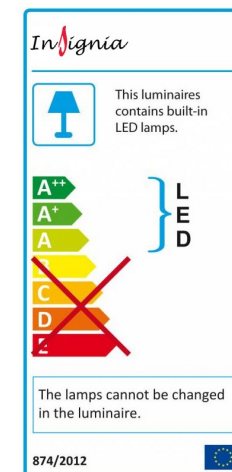
EU – Declaration of Performance

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

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