

HEKLA

Cube Sauna

Assembly & User Manual





PLEASE READ ENTIRE MANUAL THROUGH BEFORE PROCEEDING WITH INSTALLATION.

SAFETY & OPERATION

Read all health and safety instructions. If unsure about your health concerns, consult with your physician prior to use. If you feel light-headed or heat exhaustion during session, exit the sauna immediately.

1. Read and follow all instructions carefully.
2. When installing and using the electrical equipment, basic safety precautions should always be followed.
3. To reduce the risk of injury, do not allow children to use the sauna unless they are closely supervised at all times.
4. Do not use the sauna immediately following strenuous exercise. Wait at least 30 minutes to allow the body to cool down completely.
5. Excessive temperature has a high potential for causing fetal damage during the early months of pregnancy. Pregnant or possibly pregnant women should contact their physician prior to using the sauna.
6. Hypothermia Danger: Prolonged exposure to hot air will induce hypothermia. Hypothermia occurs when the internal temperature of the body reaches a level several degrees above the normal body temperature of 37°C. While hypothermia has many health benefits, it is important not to allow your body's core temperature to rise above 39.4°C. Symptoms of excessive hypothermia include dizziness, lethargy, drowsiness, and fainting.
7. The use of alcohol, drugs, or medications prior to or during the sauna session may lead to unconsciousness.
8. Persons suffering from obesity or with a medical history of heart disease, low or high blood pressure, circulatory system problems, or diabetes should consult a physician prior to using the sauna.
9. Persons using medications should consult a physician before using the sauna since some medications may induce drowsiness while others may affect heart rate, blood pressure, and circulation.
10. Never sleep inside the sauna while the unit is in full operation.
11. DO NOT use any type of cleaning agents on the interior of the sauna.
12. DO NOT stack or store any object on top of or inside the sauna.
13. If power supply cord becomes damaged it must immediately be replaced by a service technician. Please contact your local dealer for assistance.
14. DO NOT use the unit during an electrical storm, as there is a remote risk of shock.
15. Altering or tampering of any electrical connections on the power supply will void the manufacturer's warranty.
16. Dry your hands before handling electrical controls. Never unplug the power cord or adjust the controls with wet hands or when you have wet bare feet. A danger of electrical shock exists.
17. DO NOT attempt any repair without consulting the manufacturer first. Unauthorized repair attempts will void the manufacturer's warranty.
18. All natural wood articles have variations in the color, grain, and irregularities such as knots, and fine cracks. These characteristics are a part of the natural beauty of the wood, and in no way should be considered defective

WOOD & EXPECTATIONS

This Sauna is designed for outdoor use.

The lumber is naturally resistant to the elements. Rain and sun will not damage the wood, although natural weathering and coloring of the wood will occur over time.

The wood is a natural material, so expect there to be slight imperfections and knots, this gives the sauna its beautiful rustic look and feel. Because of the knots and being softwood, the staves will tend to bend out of line on their own. This is completely normal and will be self corrected as the Sauna is built.

Properly assembled, you should not experience water dripping into the sauna. However, you will experience water seepage, especially on the top and sides of the sauna. This is because of the porous characteristics of the wood and due to the ball-and-socket profile design of the staves.

Water seepage WILL NOT hurt the sauna and in most cases will dry quickly in the hot, dry environment when the sauna is in use. If you wish to keep your sauna completely dry at all times, then you should place it under a covering or structure with a roof.

Light sanding will help to alleviate water stains.

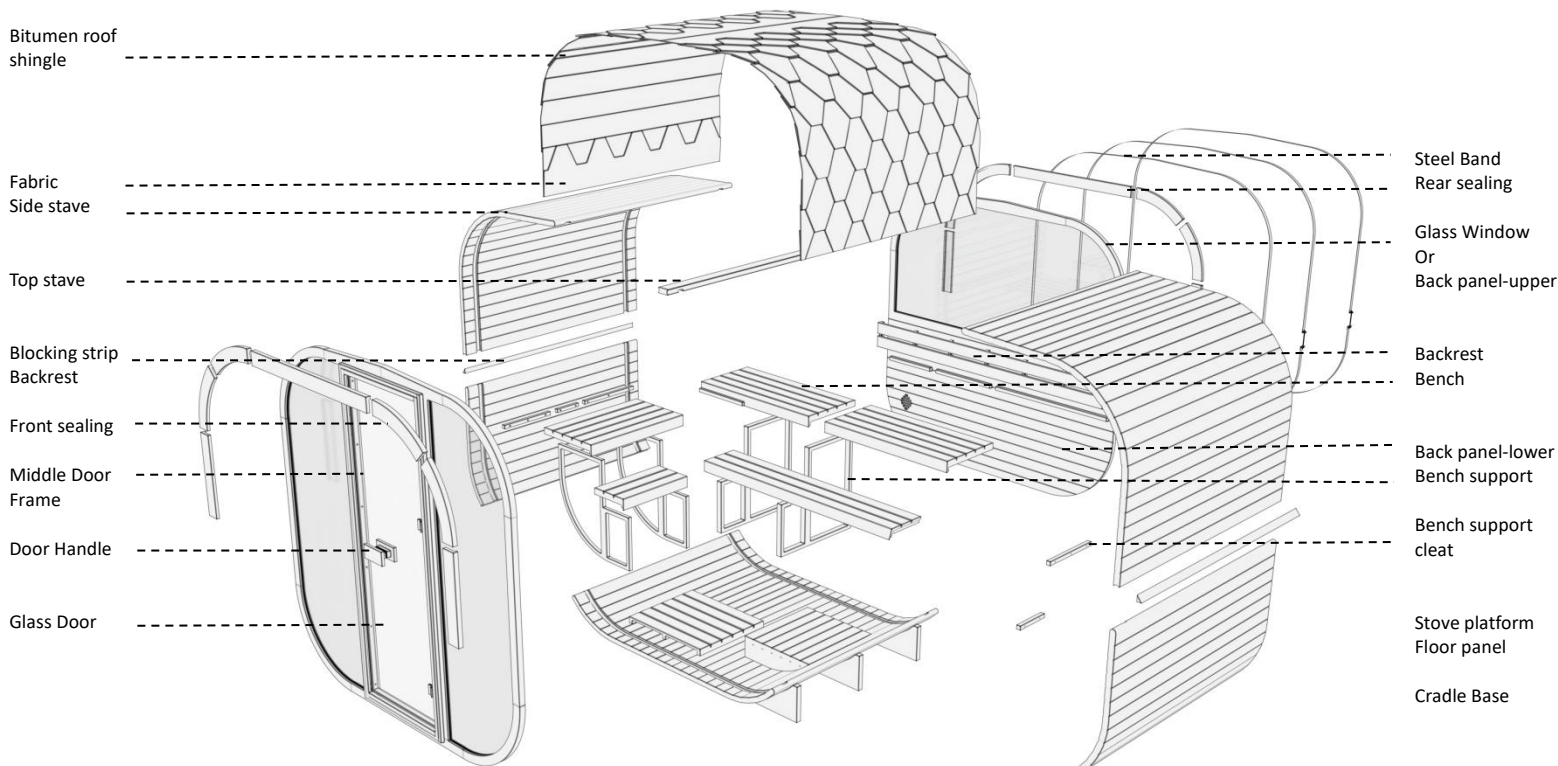
PARTS LIST

Installation Parts:

Type	Part Name	Qty.	Description
Regular Stave	Side Stave-Left	47	Including additional pair
	Side Stave-Right	47	Including additional pair
	Top Stave A / B/ C / D	4	-
	Bottom Stave	1	-
	Small moon shape corner staves- Left	1	-
	Small moon shape corner staves- Right	1	-
Front Panel	Front panel-Left	1	-
	Front panel-Middle/Door Frame	1	-
	Front panel-Right	1	-
	Door Handle	2	Inside & Outside handle
	Glass Door	1	-
	Door frame fix strip	2	-
Back Panel	Glass window or Back panel - Upper	1	Depending on the model purchased, you will receive either the Glass Window Frame or the Back Panel (Upper).
	Back panel-lower	1	-
Component	Upper bench-Back	1	-
	Lower bench-Back	1	-
	Upper bench-Side	1	-
	Lower bench-Side	1	-
	Bench support-Back	2	-
	Bench support-Side	2	-
	platform	1	-
	Stove platform	1	-
	Cradle base	3	-
	Backrest	1	-
	Bench Support Cleat	5	Left Panel*3, Right Panel*2
	Front and rear sealing parts	2	7PCS/SET, Total 2 sets
	Triangular water-blocking strip	2	-

**NOTE: The 'Label' column in the above table corresponds to the following page diagram which identifies the pieces for your reference. The physical items are not numbered. Some pieces however (such as the 'starting bottom stave') are physically stickered with their descriptive part name.*

PARTS LABELED



NOTE: This manual illustrates the Half Panoramic Back Wall version. If your sauna is supplied with a Solid Back Wall, the assembly procedure is the same unless otherwise stated.

FOUNDATION

An outdoor sauna can weigh up to 600kg once assembled, therefore requires a sturdy foundation. This needs to be a flat, level surface that supports the entire weight of the sauna and users. We recommend using either a concrete slab or a pile foundation. The base of the sauna must not rest upon anything that will degrade the quality of the timber (soil, grass etc.)

Your foundation should have some form of drainage or contour, allowing storm water to drain away from the base of the sauna. If you find after creating the foundation that your sauna base does not sit level, use packing shims or similar to correct to level positioning.

Once your outdoor sauna has been assembled, it becomes near impossible to move great distances. Therefore assembling the sauna in its desired location, or very close to, is strongly advised. Moving your assembled sauna can potentially cause damage or alter its performance, which may void the warranty. Refer to the below table for the assembled measurements of your outdoor sauna. Use these as a reference when planning your foundation.

Item	Width (mm)	Length (mm)	Height (mm)
Cube 160	2335	1690	2368
Cube 210	2335	2090	2368
Cube 250	2335	2368	2368



TOOLS

Tools required include screw drivers set, power drill set, measuring tape, level, mallet, socket set.



Screw Drivers Set



Power Drill Set



Measuring Tape



Level



Mallet



Socket Set



Adjustable Wrench



Ruler / Square

OPTIONAL



Ruler / Square



STAPLER ASSISTS
WITH ATTACHING
BITUMEN ROOFING

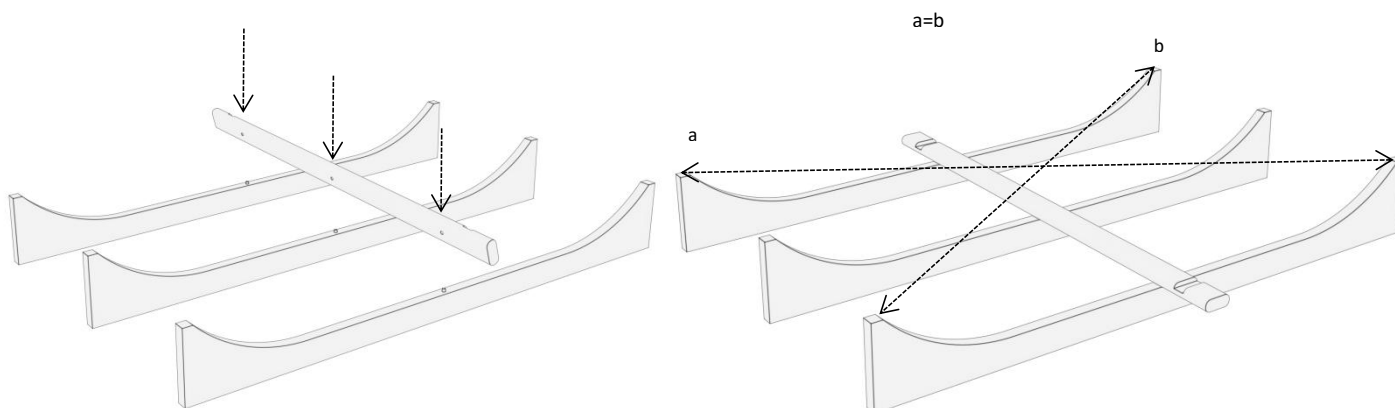
4.INSTALLATION INSTRUCTIONS

1. Place cradles on prepared surface. The base for sauna cradles must be leveled and sturdy. Ensuring the cradle base joints are properly aligned and connected. Position the bottom stave in the center of the cradle bases.

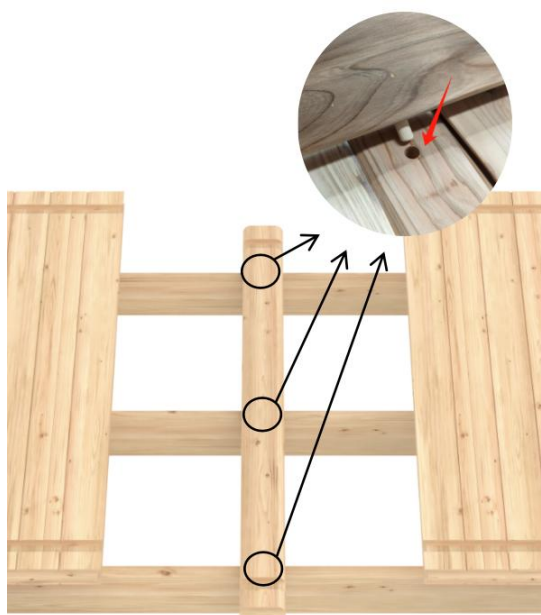
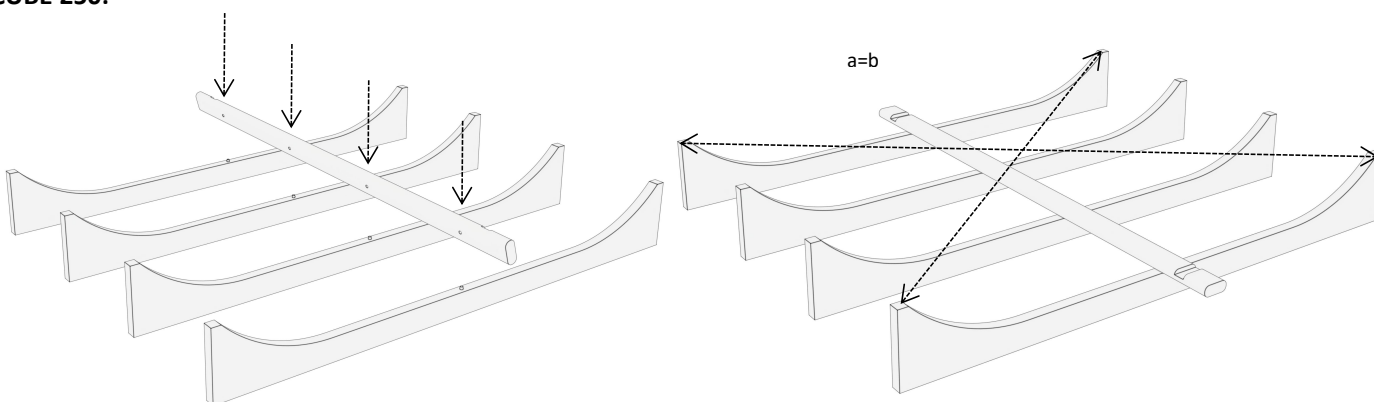
The bottom stave have one round vent hole pre-drilled. Fit the bottom stave into the centre of the cradle bases using the provided dowels.

Measure diagonally from corner to corner. Measurements "a" and "b" should be equal.

CUBE 160 & CUBE 210:



CUBE 250:



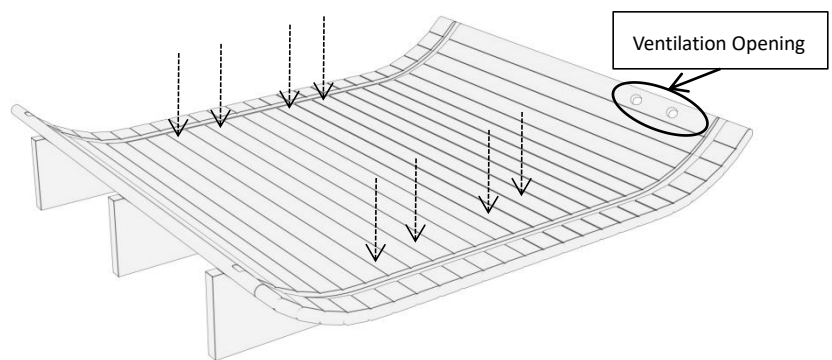
2. Starting from the center stave, install the remaining staves alternately on both sides. Place the first two staves tightly against the center stave on each side. Using a rubber mallet, gently tap each stave into position until the ends are flush and the tongue-and-groove joints are fully engaged. Ensure there are no gaps between adjacent staves.

Starting from the third stave on each side, secure the staves using the supplied 5 × 70 mm screws. Install screws on every other stave only, leaving one stave unsecured between each screw-fixed stave. Repeat the same process on the opposite side and continue installing the staves alternately until the assembly is complete.

* Staves with drainage holes should be installed at the bottom.

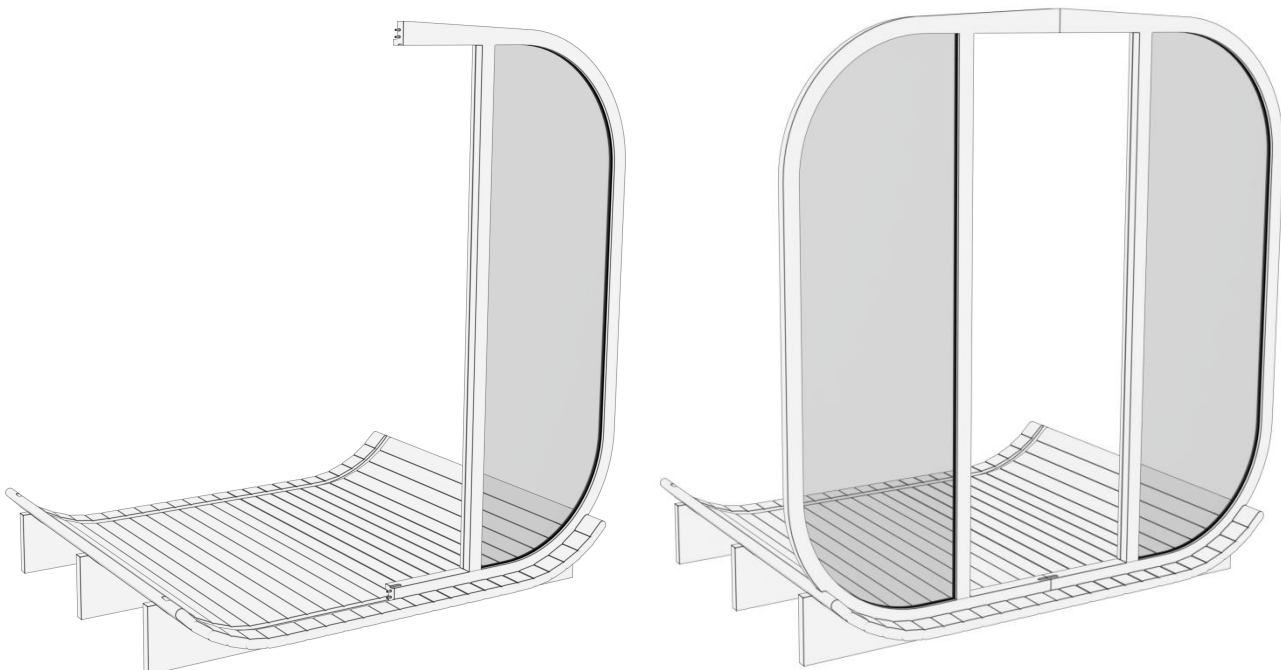
* Before installation, identify the correct orientation of each stave. The front side has a longer distance from the end of the stave to the groove, while the back side has a shorter distance.

* Important: The 13th stave on the right side (excluding the center bottom stave) is the stave with a ventilation opening. The stave with the ventilation opening should be installed closer to the front panel of the sauna.

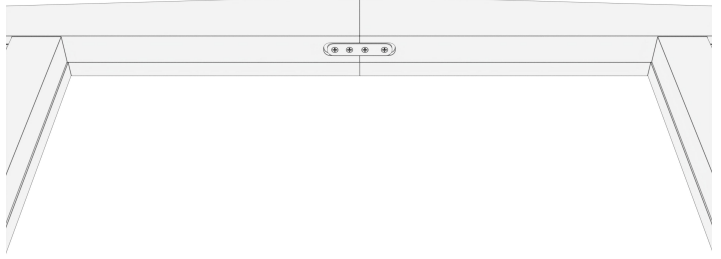
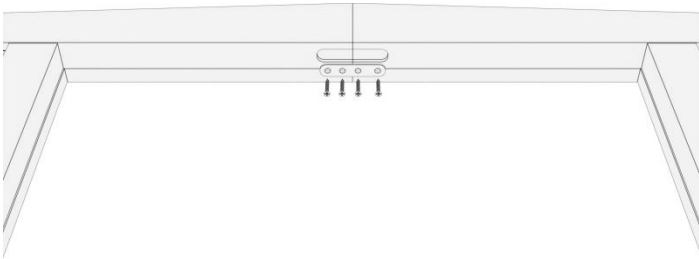
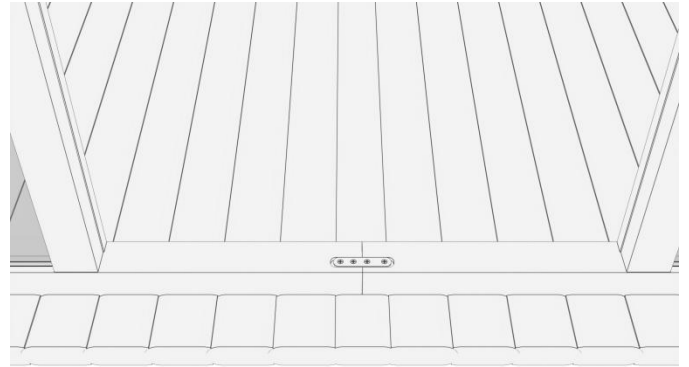
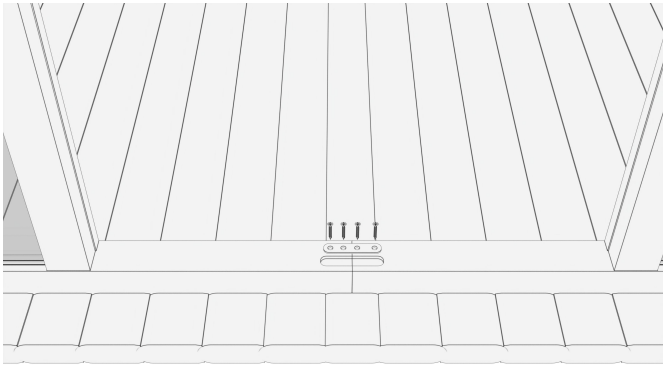


3. Place the right front panel segment onto the bottom staves. Align the panel correctly and make sure it is securely positioned. Then, place the left front panel segment onto the bottom staves and align it with the right front panel segment.

* Before assembly, identify the correct orientation of the front panel segments. The side with visible silicone sealant around the glass should face outward, while the side without silicone sealant should face the inside of the sauna room.



4. Once both front panels are correctly positioned, place the supplied connecting plates at the top and bottom of the front panels. Secure the connecting plates and front panels together using 5 × 70 mm screws.



5. Place the lower back panel onto the bottom staves. Have another person support and hold the back panel securely in position.

* The side with the seat support should face the inside of the sauna.

* For models with a solid back panel, the lower back panel does not have a ventilation opening.

* For models with a half panorama back panel, the lower back panel has a ventilation opening located at the upper left corner.

* Important: The 13th stave on the right side (excluding the center bottom stave) is the stave with a ventilation opening. The stave with the ventilation opening should be installed closer to the front panel of the sauna.



6. Install the side staves onto either side of the barrel. Use a rubber mallet to gently tighten the staves into position as you go. Secure the staves one by one to the front and back panels using 4 × 40 mm screws.

Once the staves are screwed into the front and back panels, the screw position for the additional staves should no longer be in the centre of the stave. The screws should be positioned on the top edge of the stave, as shown in the image below. This allows for slight movement when installing the remaining staves, especially the top stave.



7. Place the upper back panel/half panorama on top of the lower back panel. Align the two panels using the positioning spline and ensure they are securely connected. The side with visible silicone sealant around the glass should face outward.

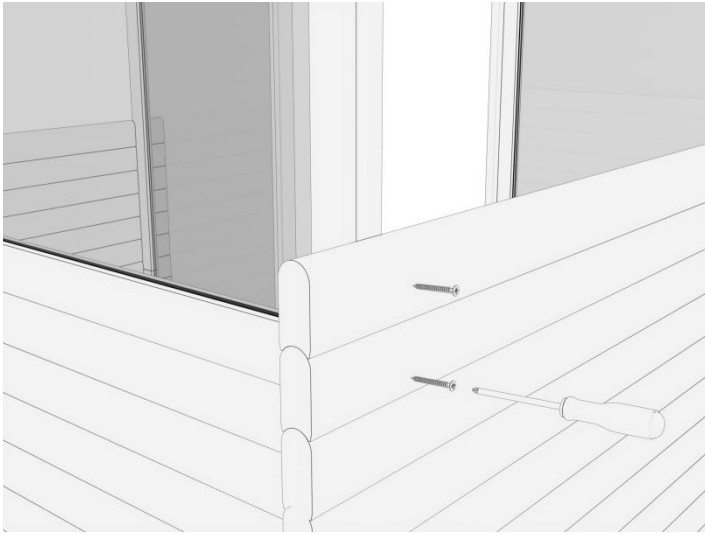
8.

After positioning the upper back panel / half panorama, one person should hold the panel securely in place while the second person installs the two staves. Secure the two staves using 4 × 40 mm screws. These two staves are used to hold the upper and lower back panels together, so the screws should be installed through the middle section of each stave.

* For models with a solid back panel, the upper back panel has a ventilation opening located at the upper left corner.

* For models with a half panorama back panel, the side with visible silicone sealant around the glass should face toward the inside of the sauna room.





9. Install the side staves onto either side of the barrel. Use a rubber mallet to gently tighten the staves into position as you go. Secure the staves one by one to the front and back panels using 4 × 40 mm screws.

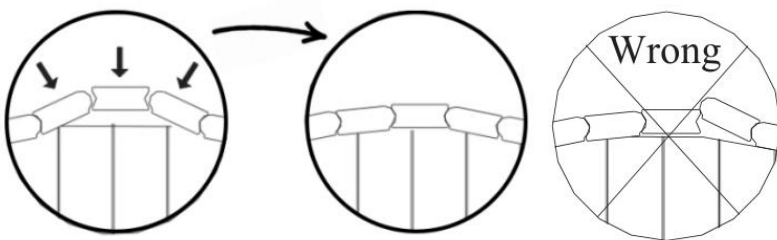
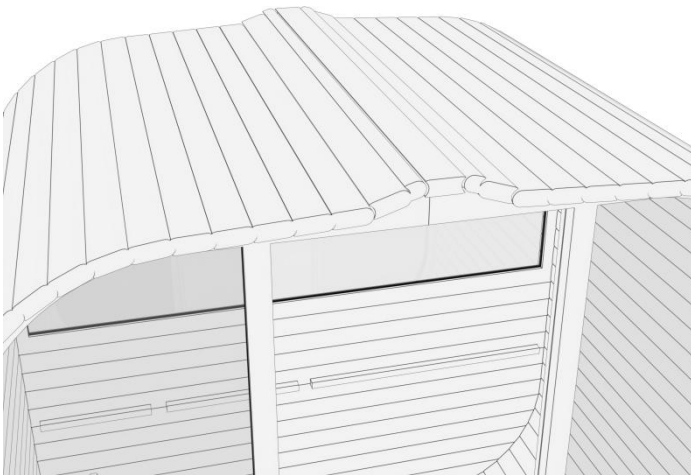
Once the staves are screwed into the front and back panels, the screw position for the additional staves should no longer be in the centre of the stave. The screws should be positioned on the top edge of the stave, as shown in the image below. This allows for slight movement when installing the remaining staves, especially the top stave.

* Continue installing the staves on both sides toward the top. The remaining top staves (From No.38 stave) should NOT be fixed with screws. Leave sufficient space at the top to allow for the correct adjustment stave to be selected and installed.



10. At this point our final gap between the staves can vary, this is why we provide several sized final staves(Top Stave & Small moon shape corner staves) to account for this. You will need to tap the loose top staves outwards and measure the gap to gain a better idea on what top centre staves you require. Repeat this on the back and take note of the measurements.

If the front and rear dimensions are different, you will need to take the measurement between the two staves, for example our front dimension was 85mm and our rear was 95mm, so we used the D-Stave and a top centre stave to create a 90mm wide stave to fill the gap.



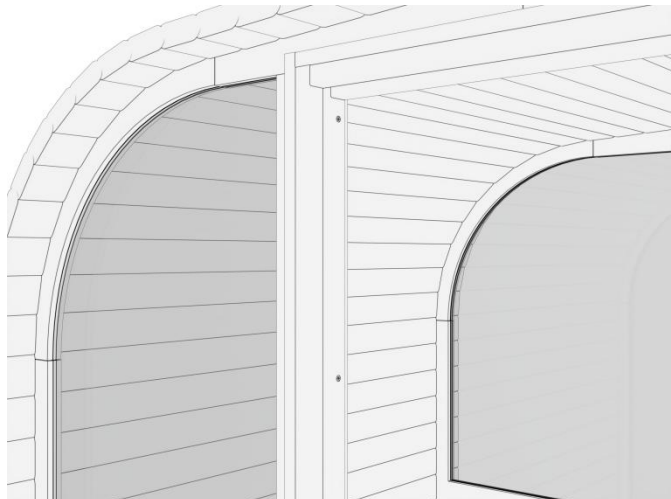
11. Locate your steel bands and remove the blue protective tape.



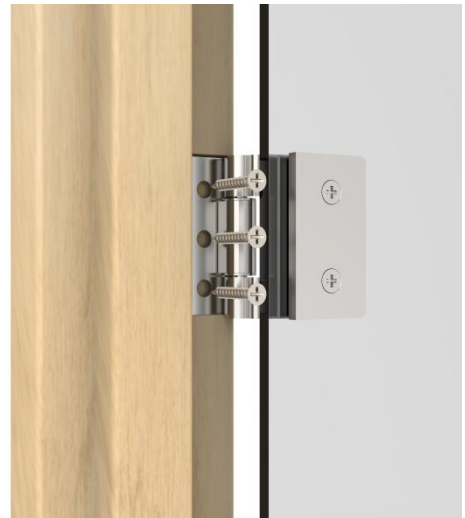
12. Then lay a long band over the top in line with the short band. Using the bolts provided, join the two ends of each band together but do not tighten yet. Repeat this on the rear and in the middle. The bands should remain on the outside of the rear base support.



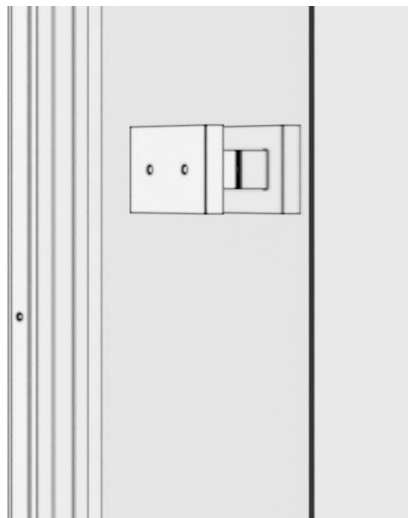
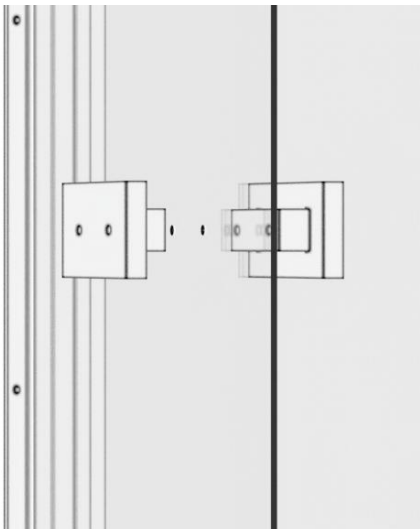
13. Place the door frame into the center opening of the front panel and secure it using 5 × 70 mm screws. Ensure the door frame is properly aligned with the front panel before tightening the screws.



14. Install the three hinges onto the glass door. Each hinge includes dedicated screws and rubber gaskets. Place the rubber gaskets on both sides of the glass to protect the glass surface and prevent direct contact between the hinge components and the glass. Align the hinge components and rubber gaskets with the pre-drilled holes in the glass. Insert the screws and tighten them using the supplied Allen key. Ensure all hinges are securely fastened before installing the door onto the sauna.



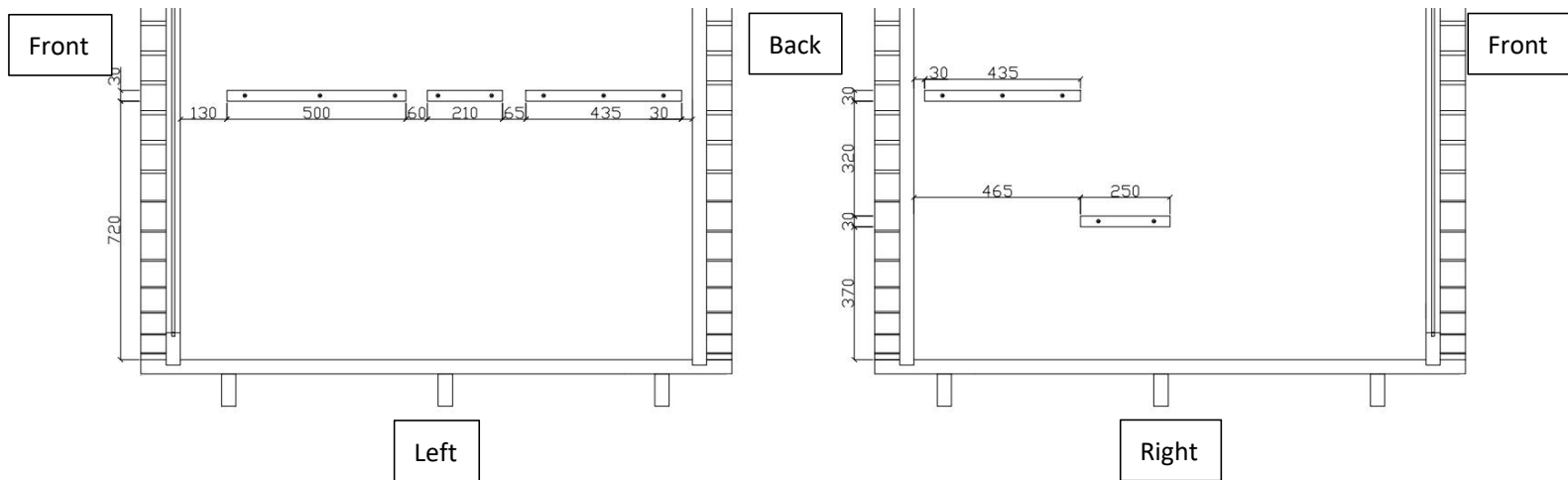
15. Use 6×75 mm screws to fix the door handles. The handle with the logo is the outside handle. After installation, cover the screw holes with the wooden plugs.



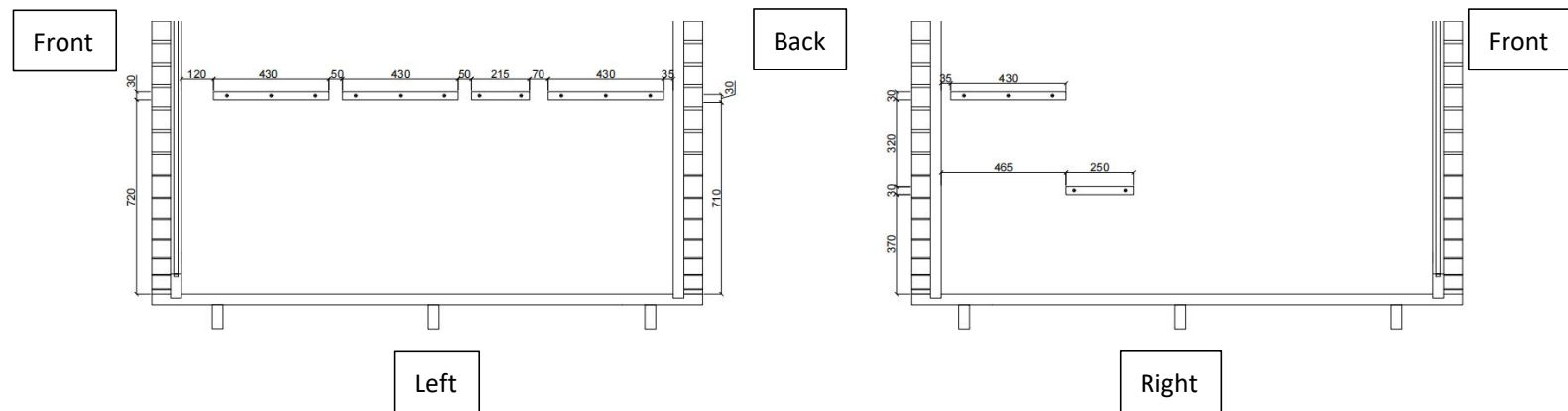


16. Use 4×40 mm screws to install the seat board supports on both the left and right sides.

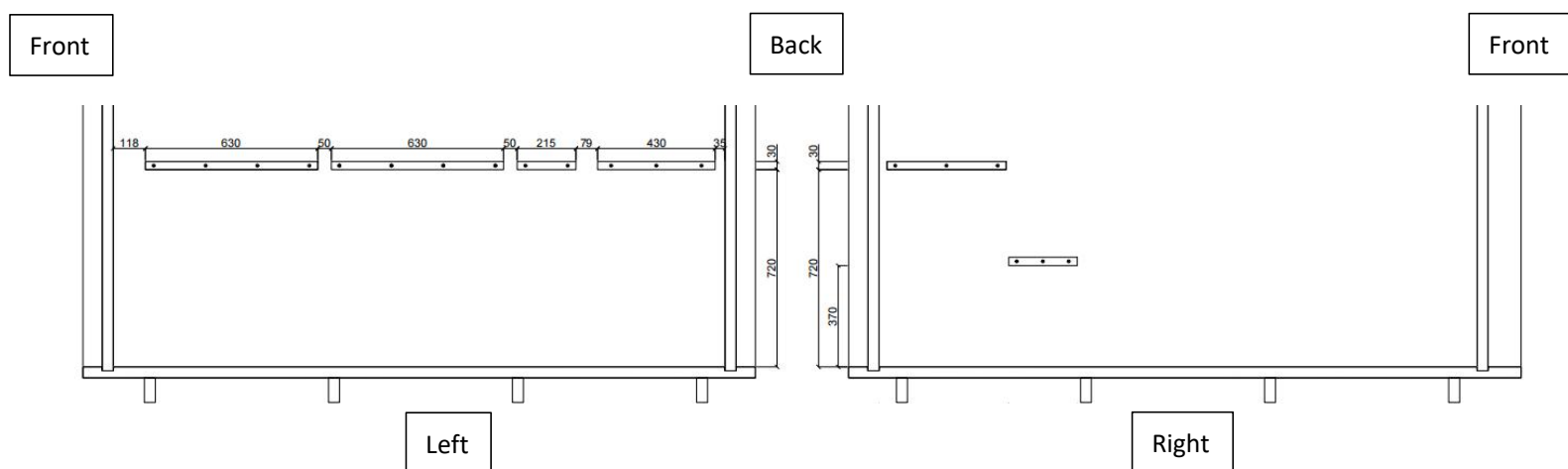
CUBE 160:

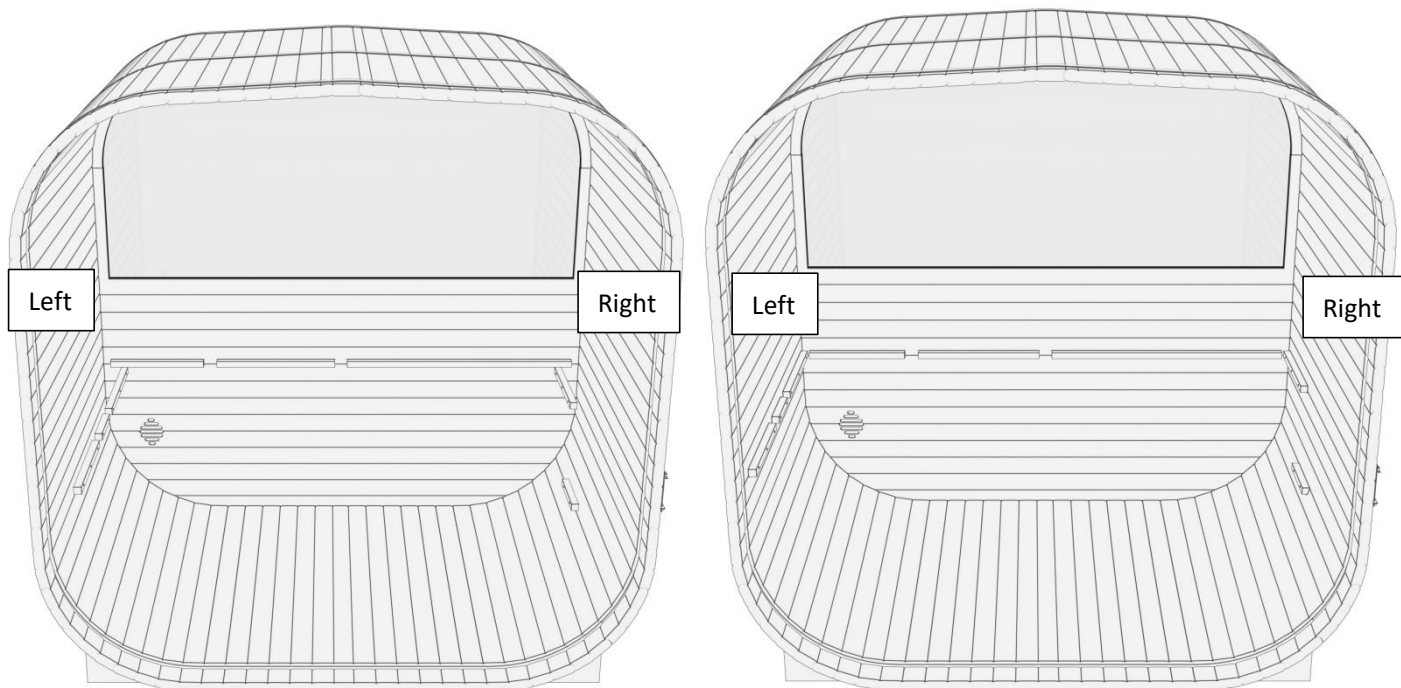


CUBE 210:

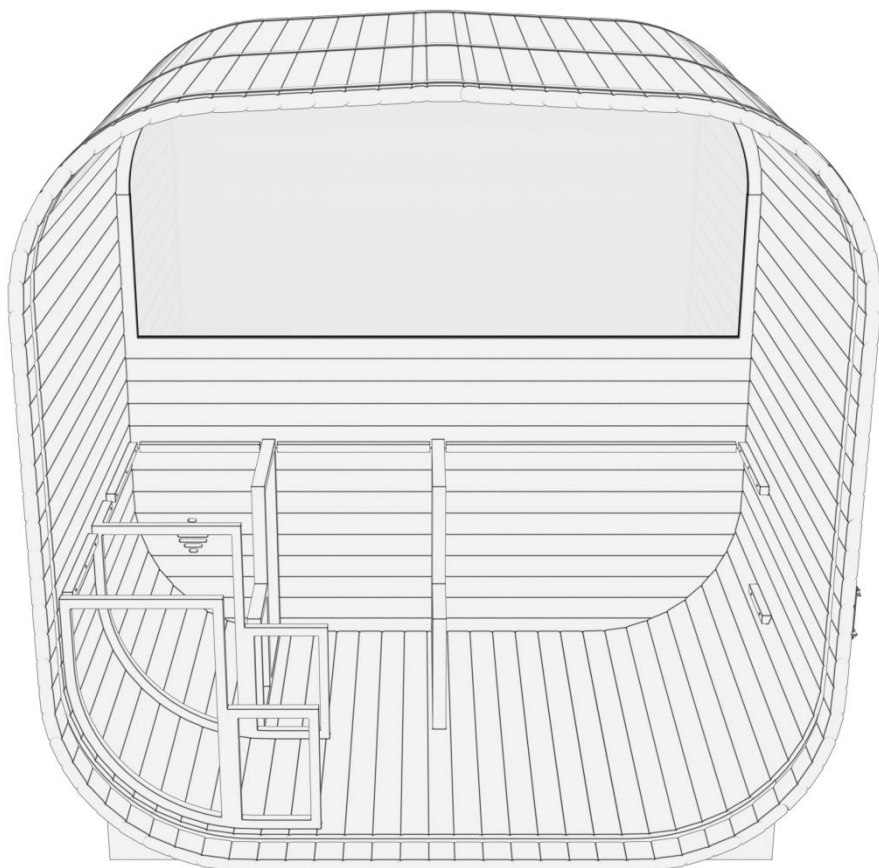


CUBE 250:

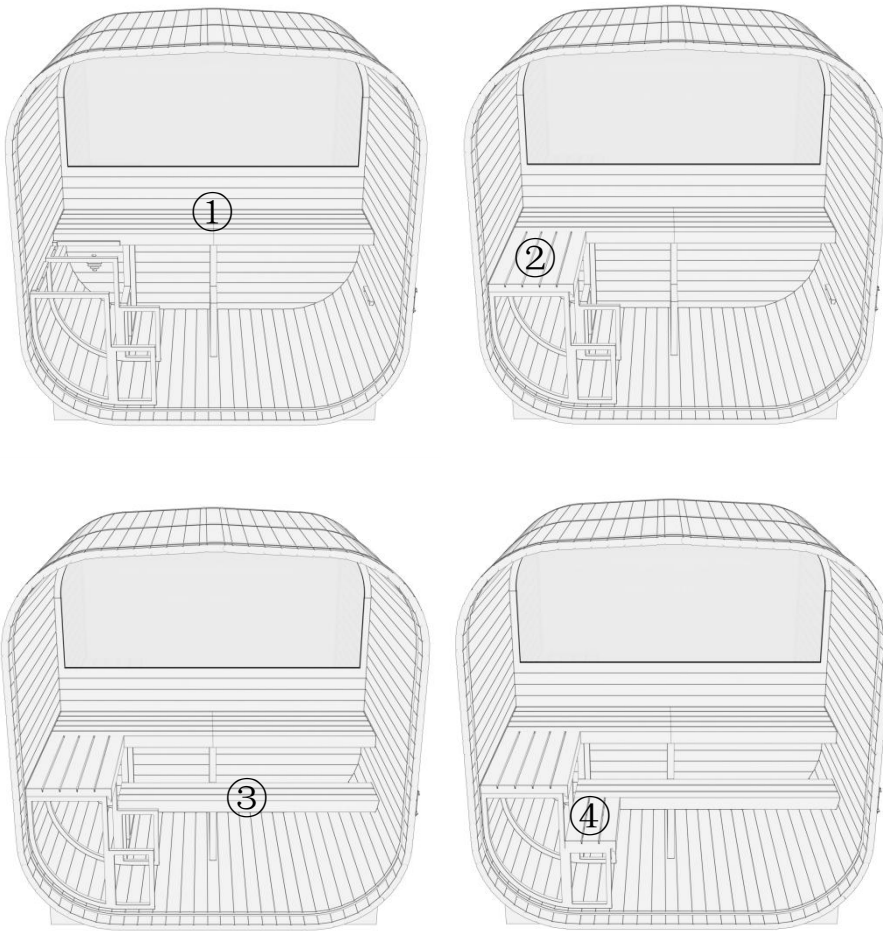




17. Insert the seat board supports according to the positions of the gaps on the seat board brackets, then fix them with 4×40 mm screws.



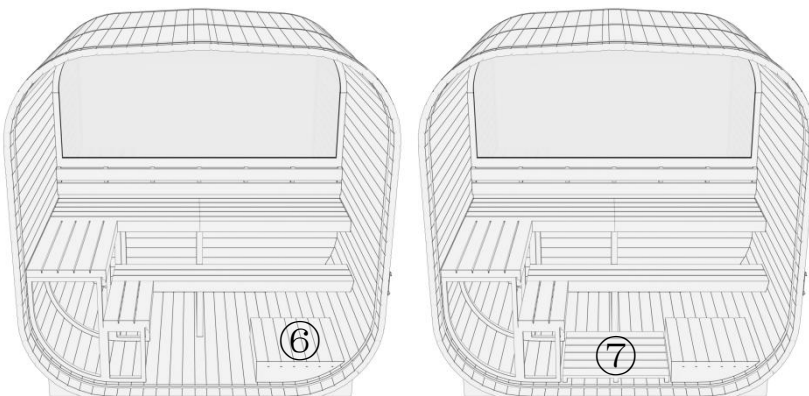
18. Place the seat board in position and secure it with screws.



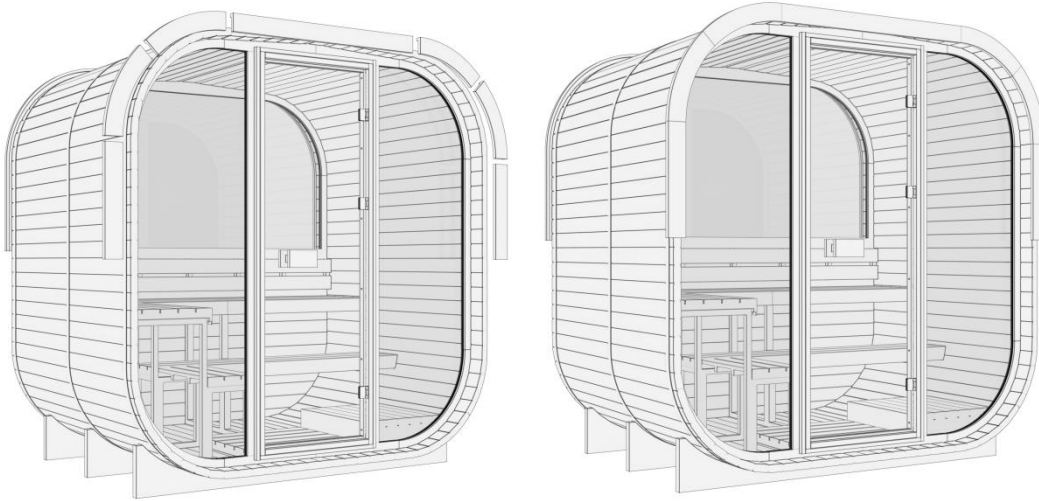
19. Install the backrest using 4×40 mm screws.



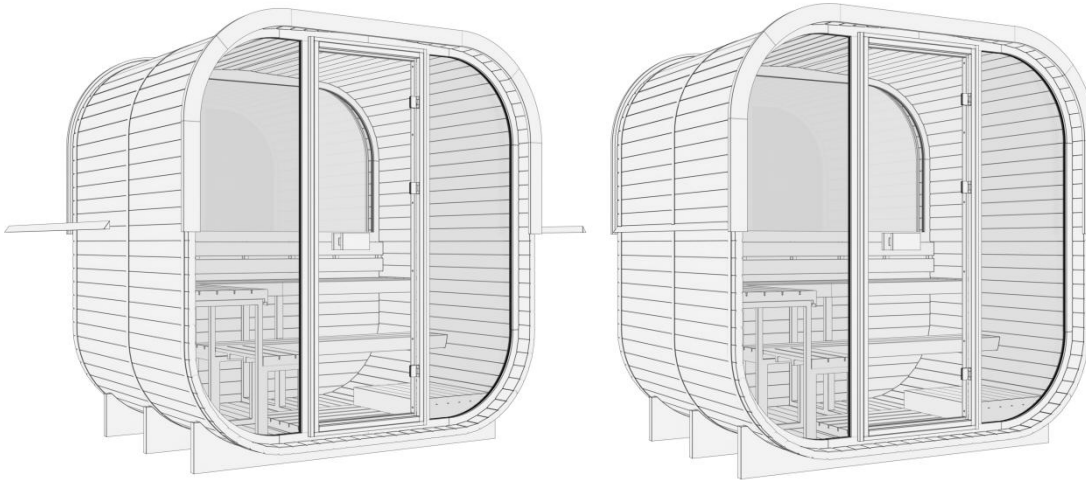
20. Place the heater platform and floor panel in position.



21. Locate the Sealing boards and install them, starting from the top centre and working your way down. There are Sealing boards on both the front and back sides. Secure the Sealing boards with 4×40 mm screws.



22. Fix the triangular waterproof barrier strip with 4×40 mm screws.



23. Install the shingles underlay.

Lay out the shingles underlay on both sides of sauna. Leave underlay a couple of cm over the edge . Fix it with some nails or staples. Each for corners and in between.

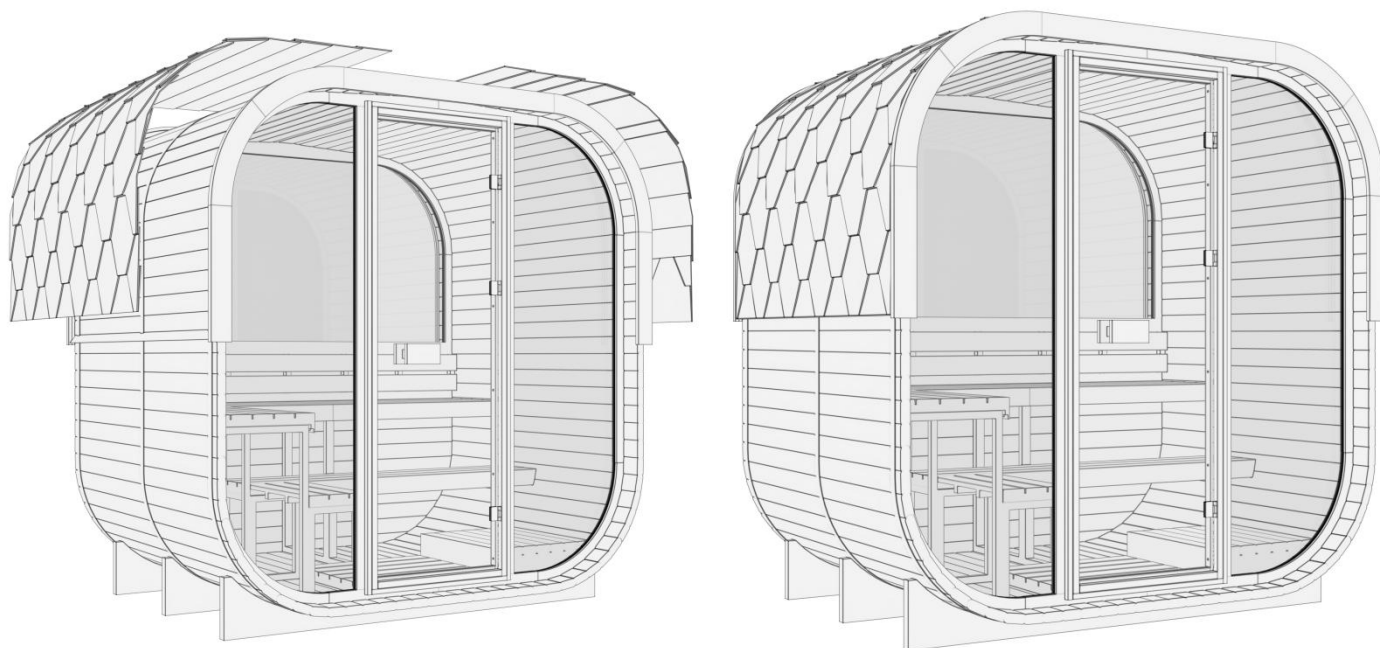
Lay out the shingles underlay on the roof. Leave underlay a couple of cm over the edge. Underlay should go over the lower part of underlay. Fix it with some nails or staples. Each for corners and in between.

Using a stapler, fix underlay on the end of the board. Cut excess part of underlay if necessary. Staple down underlay to board ends. Cut off the excess part of the underlay along with the of the boards.



23.Bitumen roof tile installation.

NOTE: Please refer to the separate Bitumen Roof Tile Installation Diagram included in the screw kit for detailed installation instructions.



5.SAUNA WARRANTY

1. Two-year limited warranty on electrical components, and one-year limited warranty on wooden components.

2. This unit is meant for indoor use only. warranty is voided if this sauna is placed in an outdoor environment. Sauna replacement parts come with a limited warranty. We warrant its products to be free of defects in material and workmanship. Parts, that become defective within the warranty period, will be repaired except for damage due to negligence, abuse, misuse, misapplication, unauthorized modifications, improper installation, or normal wear and tear.

3.Labor costs associated with the disassembly and reassembly of the unit are not covered under this policy. We will not be responsible for labor costs of the routine maintenance,adjustments or alterations to the calibration of the electrical devices.

4.All parts claimed to be defective must be shipped to us with freight prepaid. The repaired or replaced product will be returned to the sender on a freight-collect basis. When returning the product to us, it must be accompanied by the sales receipt or other proof of purchase date, along with the sender's name, mailing address, daytime telephone number, and any additional information pertinent to the claim.

5.This warranty is granted solely to the original purchaser and shall be void upon transfer of ownership. This warranty shall not apply to any product or component used for industrial, rental, club ,or commercial purpose. This warranty shall not apply to any claims arising from the misuse, neglect, accident, abuse, or improper installation, including, but not limited to, exposure to fire, excessive heat, and or other hazards of nature. Under no circumstances will shall the manufacturer be liable for any special or consequential damages arising from the use of the product, components, or any parts attached, or installed with it thereto. Nor shall the company be liable for injury to any person, or for any claims for damages arising form the use,installation,or servicing of the product. The purchaser is responsible for providing ensuring that adequate access to the equipment so that is provided to facilitate the performance of any necessary service. The purchaser must establish provide proof of the purchase date through a dated sales slip, invoice or deliver receipt, the date of purchase. All costs for removing and reinstalling associated with the removal and re-installation of the sauna, including the freight charges to and from customer, shall be at the customer's expense.

6.Regardless of the warranty card being returned within the specified time period, there shall be no warranties or obligations: express or implied hereunder, specifically excluding any implied warranty of merchantability or fitness for a particular purpose, other than specifically described herein. no liability shall accrue to our except as set forth herein.

* The warranty for our saunas is strictly limited to one year and applies exclusively to residential use. Any commercial application, outdoor installation, improper usage, or continuous operation exceeding 3,000 hours will render the warranty void and may result in safety risks or compromised performance.

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