

Oceanic

Sauna & Steam

ROMAN STEAM ROOM INSTALLATION MANUAL



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1. Introduction

Welcome to the Roman Steam Room Instructions, please take time to familiarise yourself with the steps to ensure a trouble free installation. We recommend that the steam room is installed by a competent tradesperson, who is suitably qualified to make plumbing and electrical connections - we do not consider this to be a DIY project. Before you can begin assembly you will need to prepare a suitable floor that is flat and level around the perimeter and aim to the centre to take away the condensate.!

1.1. Pre Installation Checklist

Please tick off the following before commencing the installation:

- All parts listed in the parts list enclosed have arrived and are in good condition, if not please notify the seller immediately.
- There is a water supply, power supply, drain and 4" Ventilation Duct [not compulsory for domestic].
- Determined the location for steam generator
- The floor is level, clean and protected if applicable.

1.2. Before you start

- The floor must be impervious to water and should fall to the drain with a slope of at least 1 in 100. Test the floor before assembling the steam room. You will also need an exhaust vent normally to an outside wall or a wet area such as a pool hall etc.
- You will require a mains power connection for the transformer for the low voltage lights.
- You will need to access all of the outside faces during assembly but once the steam room is assembled it can be manoeuvred into the final position- you should consider access for servicing when deciding how to finish off the exterior. Sealing the steam room behind block walls will make any subsequent service access difficult and expensive. We recommend that 2 people carry out the assembly.
- To some extent the order of work will be determined by the space available to work in, for example if space allows the roof can be assembled in one piece, on the floor and then lifter into position on the walls but if there is not enough space you will need a ladder to complete file assembly in situ on the walls.
- Steam inlet nozzle: depending on the model you have chosen you will need to decide where to position the steam inlet nozzle and to make allowances during the assembly procedure for attaching the steam inlet pipe to the nozzle and similarly for any controls - see the instructions supplied with the steam generator. The steam nozzle should be positioned at 300mm from the inside floor level as far from users feet as possible, we provide a glass guard which should be added in all cases to protect from scalding.
- For commercial cases signage should be added to caution customers of hot steam.

2. Materials Required

To make the assembly you will require:

- A powered drill with a 9mm and 3mm bit
- Clamps
- Suitable size spanners for tightening the nuts and bolts
- A silicon sealant applicator

3. Order of Assembly

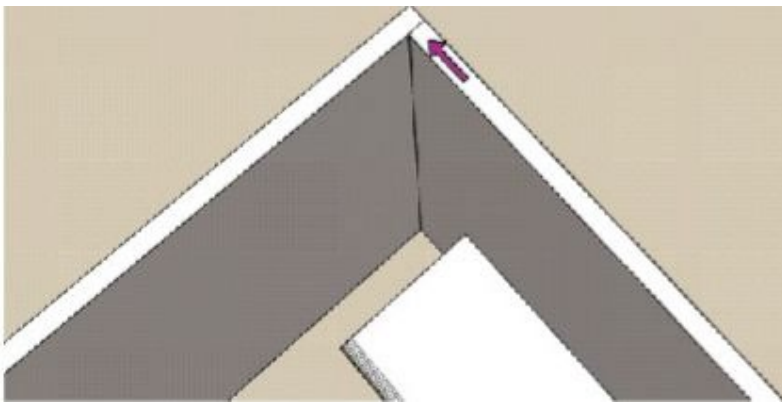
- To allow for distortion within the mouldings the order of assembly is as follows:
- Loosely assemble the walls with a small number of nuts and bolts.!
- Insert the door and frame using a small number of self tapping screws.!
- Loosely assemble the roof with a small number of nuts and bolts.!
- Loosely attach file roof to the walls and align and make an initial fix with a small number of nuts and bolts!
- Add further nuts and bolts to roof section joints; add further nuts and bolts to fasten the roof to the walls.!

- Add further nuts and bolts to the wall and door section joints!
- Inject silicon sealant between all the flanges of all the joints!
- Fully tighten (do not over tighten!) all the nuts and bolts!
- Apply a good bead of silicon sealant to the inside face of all the joints and wipe to a smooth finish.

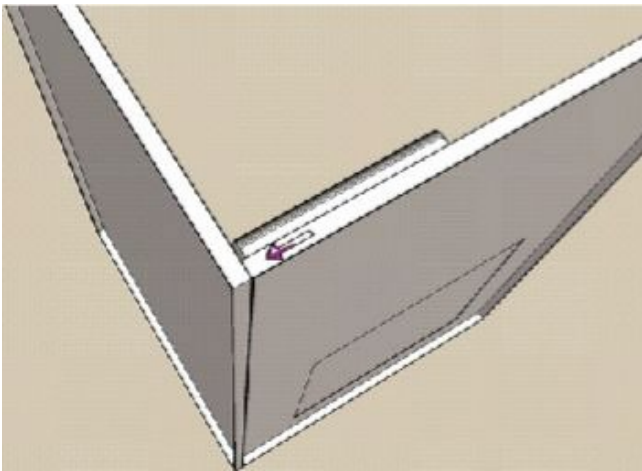
FOR DELUZE SHOWER AND LIGHT FITTING PLEASE FIND INSTRUCTIONS ON PAGE 8. (please note it may be a good idea to pre install the shower kit on the panel before constructing the room, dependant on space)

4. Assembly Procedure!

- i. Start with the corners first, take a flat panel and a seat panel and hold them at 90 degrees

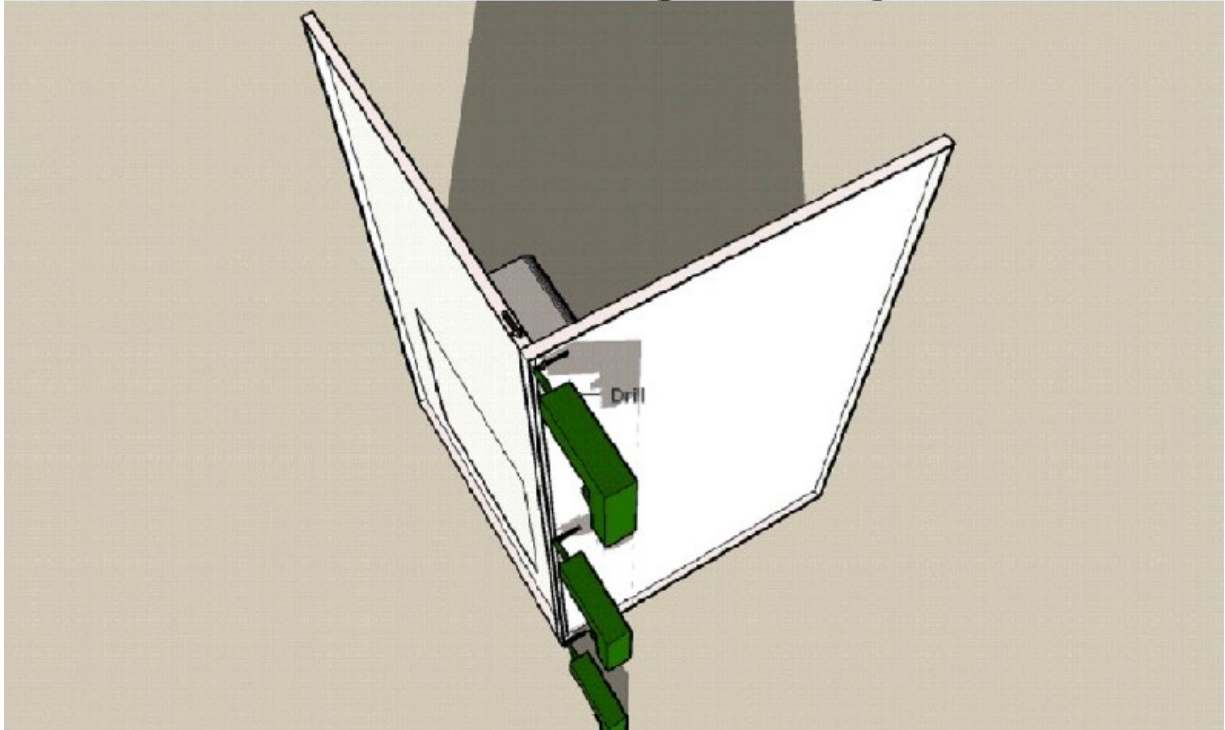


View from the inside of the right corner



View of the left corner for how tile seat panel should join the flat panel.

- ii. Drill 9 mm diameter holes at the top, centre and bottom where the panel overlap as shown in the picture below, then attach together with bolts anti two washers one either side of the bolt. Do not tighten at this stage.



- iii. Do the same with each corner (For Deluxe models you only need to make two corners) remembering to use clamps and making sure the seat panels and flat panels overlap correctly this should become clear when attempted.!

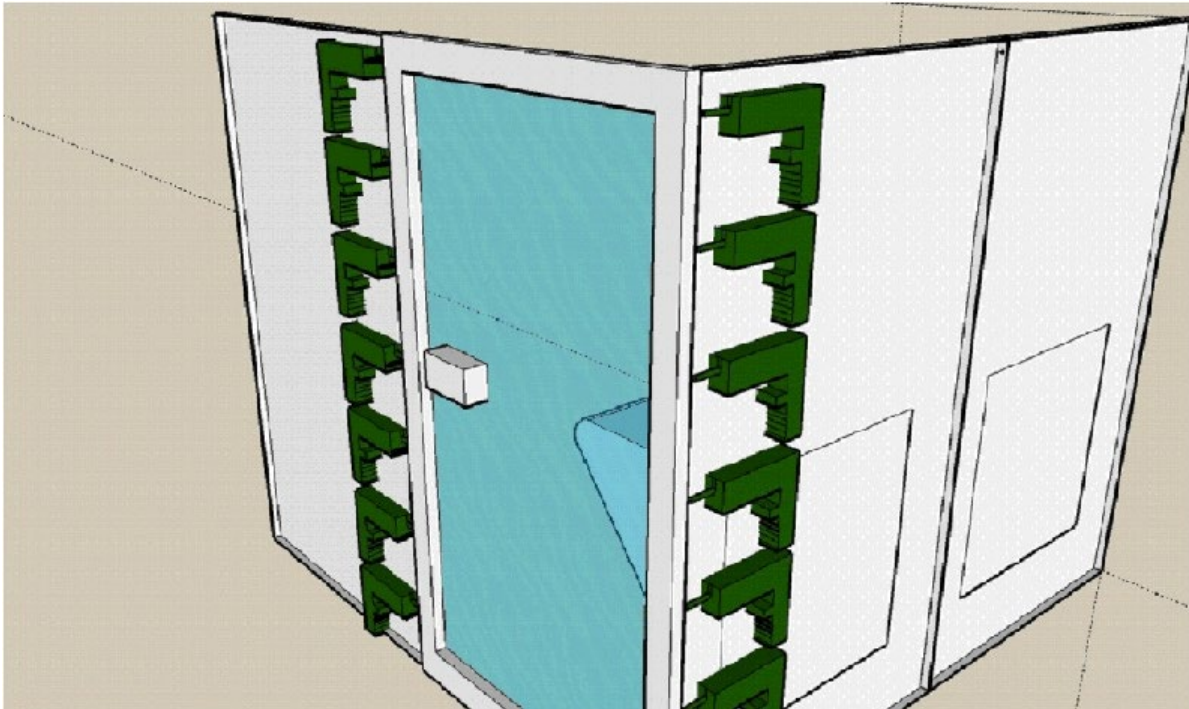
(For steam rooms bigger than three seats jump to point 6) !

- iv. For a two-seat steam room you will need to make three corners, two left and one right, for the 3 seat room you will need to make two corners because one corner is already moulded. For the corner seat attach between the two other seats and with clamps then drill three holes similarly to how is shown in the image for point 7 and fix with bolts as shown before.!



Three seat model

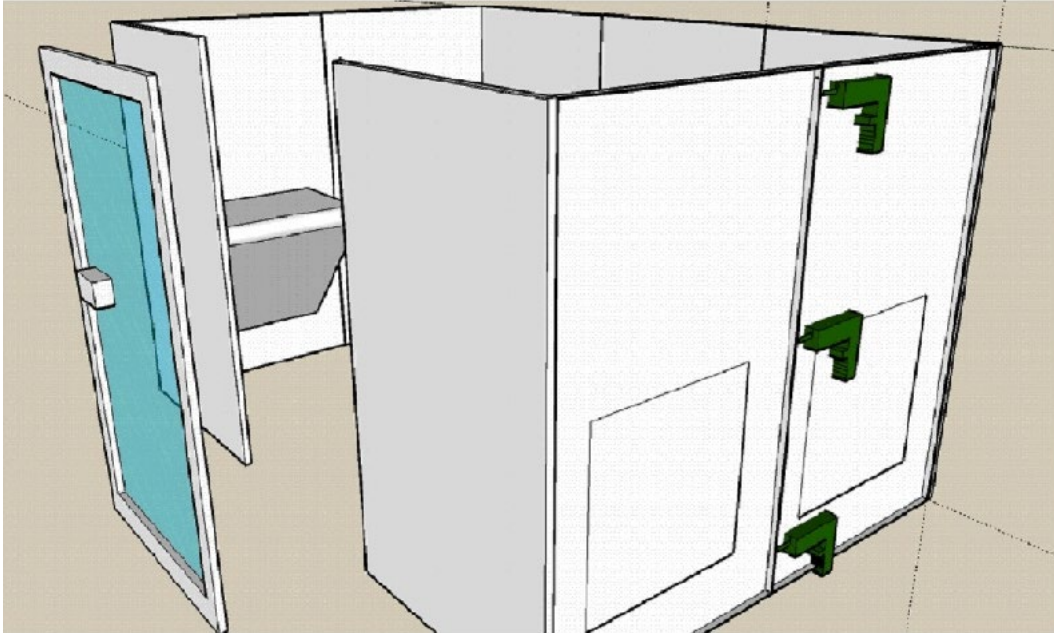
- v. Now for the door using the 3mm bit, drill at the least 6 holes as shown in the picture below using clamps to hold in place and pushing self-tapping screws to fix in place:



- vi. Now to make the back, with the remaining flat panel clamp it between the two fiat corner panels as shown in the picture below, drill and attach as before:



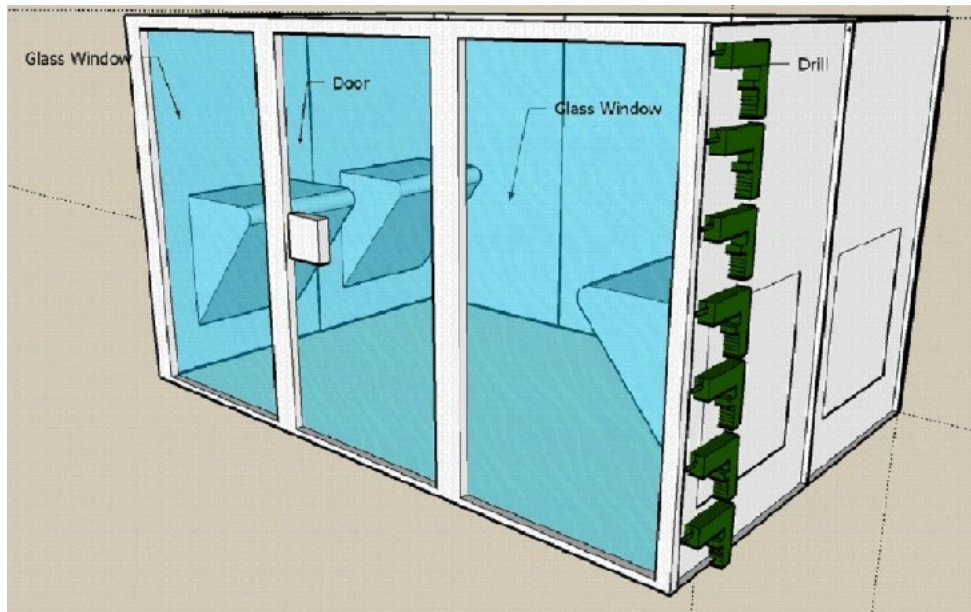
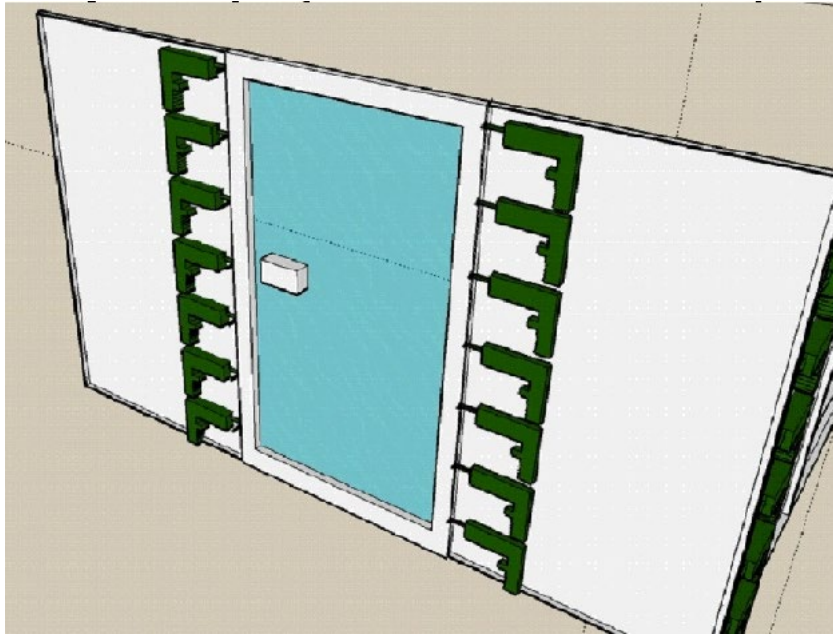
vii. For the standard model (4seat) join the seat panels together parallel to each other with the same number on each side. As shown below



viii. For the deluxe model you will need to attach the seat panels as shown below using the same technique as point 6 and 7



- ix. : When attaching the door for the standard or deluxe (4seat or more) use the same technique as explained in point 5 using that photo or either of the two below to help:

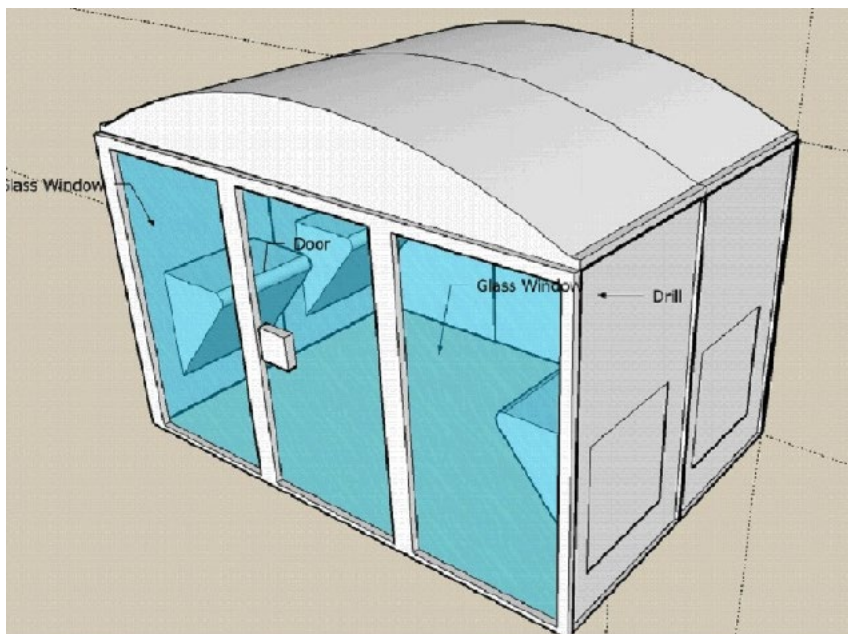


- x. For two or three seat steam rooms place tile single piece roof on top, when you are happy with the alignment clamp down and drill holes with 9mm bit and fix with the same technique as before, use a small number of fixings to begin E.G comers then add more till you are satisfied with the strength we recommend at least six holes along each of the sides.

- xi. For Standard or Deluxe with four or more seats place the roof panels on top of the walls, align and clamp in place, try to make crosses where the two roof panels and two side panels meet as shown below:



- xii. Now drill three holes to attach the wall and roof for each panel on each side and six or more to hold the roof panels together, when complete it should look like the image below



Complete Deluxe Steam Room

- xiii. When the assembly is complete to this stage you can begin adding additional fixings to all the joints but still do not fully tighten the nuts and bolts. When all file fixings have been made inject a bead of silicon between the flanges of each of the joints and then firmly tighten but **DO NOT OVERTIGHTEN AS THIS MAY SPLIT THE MPC.**

Once the steam room is fully assembled it can be manoeuvred into its final position and according to the access which is available a number of front and side wall panels can be fixed to the floor using rawl bolts seal the base flanges to the floor with a good bead of silicon and wipe smooth.

5. Installing the deluxe shower with thermostatic mixer, jets and overhead rain shower.

5.1. Tools needed:

- 22mm and 36mm Hole Saw
- Drill, Spirit Level
- Pencil
- Tape Measure.

5.2. Important Information:

- The shower will work on 3/4 of a bar pressure but for a power shower you will around 1- 2 bar.
- If the pressure is over 4 bar a pressure-reducing valve should be installed on the water line.
- For the thermostatic valve to work accurately there should be equal pressure across hot and cold.

5.3. Installation Procedure

- i. Calculate the height at which you want to place the jets in relation to user(s) a normal layout is shown in the image below:



- ii. Then choose the three heights you want using the spirit level to keep them straight.
- iii. A good tip for marking up the jet holes is to decide how far in from the panel you want your jets then cut a piece of wood this length, you can then use this as a guide for each jet.
- iv. Take the main mixer and mark tip where you want it, don't drill holes until everything is marked up.!
- v. Now choose where you want your hand rain. remember to take into consideration where the wall is, water in etc!
- vi. Now mark up where the connection for the hand shower will go, remember that the pipe will hang down and may obstruct the jets.!
- vii. The last thing is the overhead shower, use a tape measure and find the exact centre of the roof.
- viii. When you are happy with the marking proceed with the drilling. Below are the sizes of drill you need for each part

22mm - Overhead shower, connection for hand held shower.!

36mm Jets, Mixer

- ix. When holes are drilled use the fixing nuts on the front and back for the mixer.
- x. In the pack of jets one of them will have a glued end to make a corner joint instead of a T. Make sure to use this for the bottom jet (the last one to connect on the pipe line)
- xi. When tightening the jets don't over tighten the nuts as this may split the jets. Cut pieces of hose for each jet and for the pipe to hand held shower and overhead. Then use the jubilee clips to link up all the jets, start from top jet and make a run from one jet horizontally across to the other jet then down and the same again and finish with the glued one way jet.
- xii. On the mixer tap there are three connections, the middle connection is for water to the generator, this valve is constantly open, if you don't need this block it off. The other two are hot and cold and are marked up H and C on the mixer.
- xiii. When all connections are made test the shower for leaks.

6. Chromotherapy Lights

Parts

- 240v : 12v transformer
- 10No Chromotherapy lights
- Controller

Requirements

You will need a hole saw or drill to cut holes at 25mm.

Installation

Start by testing the lights, connect the transformer to the mains supply. Connect the control button to the transformer via the red and black wires. If the lights don't turn on when the button is pushed switch the black and red wires between the button and transformer i.e. instead of Black - Black, Red - Red change to Black - Red, Red-Black

Connect the spotlights in series with the controller using the red, green, blue and power cable.

Drill holes in the roof / wall / area you want to install the lights. It is important to make sure you have access from above to connect the cables.

If you need lights further apart use 4 core 0.5mm cable and connector blocks. It is possible to power a total of 20 of these spotlights from a single 3W transformer.

Make final service connections and your steam room is complete.

Control

Press push button to select between one of 8 colours or automatic colour change cycle.

If you encounter any difficulty with this assembly procedure please contact our technical help line: 01902 871 127.

