



ROYAL WOOD

ROYAL SAUNA COLLECTION

Assembly Manual

Royal S · Royal M · Royal L

PEOPLE

2 to 4

TIME

40 to 120 min

TOOLS

Basic hand tools

BEFORE YOU BEGIN

Read this first.

TOOLS YOU WILL NEED

- 15 mm wrench or ratchet
- Rubber mallet
- Impact gun or screwdriver
- Spirit level
- Torx 15, 20, 25 and 30 bits
- Silicone gun

PREPARING THE BASE

The sauna must sit on a level, load-bearing base. If you are installing on a natural surface such as lawn, gravel or sand, prepare and level a support structure first, for example paving slabs or bricks. Make sure the support points line up with the position of the sauna pegs.

Getting the base right is the single most important part of this job. A base that is out of level will show in every panel joint above it, and the door will not close evenly. Take the time here.

Leave everything finger-tight until step 9.

Panels need to move slightly to align. Tightening early will fight you.

WORKING SAFELY

Two people to every panel

Panels are light enough to carry by hand but awkward alone. Never lift one single-handed.

Support the glass

The door glass is 8 mm toughened. Keep it supported until the hinges are fixed and tightened.

Not in high wind

A raised wall panel catches wind like a sail before it is joined. Pick a calm day.

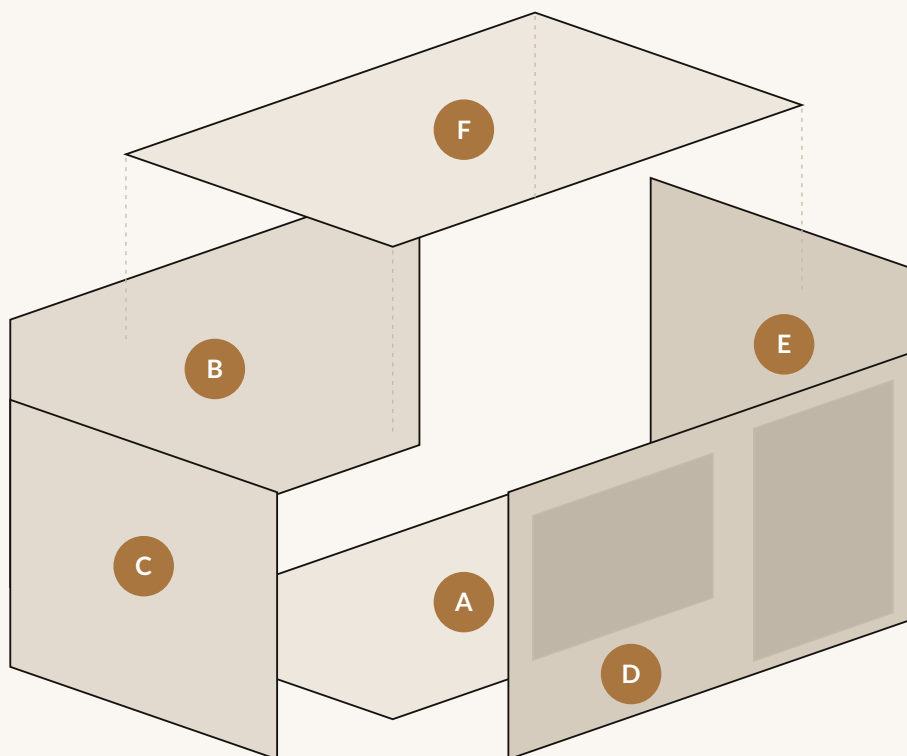
Gloves and safe footing

Stainless pegs and screw threads are sharp. Keep the working area clear of offcuts and packaging.

KNOW YOUR PANELS

Six panels, lettered A to F.

Every panel is marked. Lay them out in this order before you lift anything, and the build will follow the steps without backtracking.



- | | |
|-------------------------------|--|
| A Floor | Sits on your prepared base. Everything pegs into it. |
| B Long wall | Raised first, opposite the window wall. |
| C Short wall | Raised second. |
| D Window and door wall | The long wall carrying the glazing and the door frame. |
| E Short wall | Raised last, joins to B and C. |
| F Roof | Lifted on once all four walls stand. |

STEP 01

Position the floor panel

Place floor panel A on the levelled surface, matching the layout you have planned. Check the floor is level and make any adjustments before going further. Everything that follows depends on this being right.



STEP 02

Raise wall panel B

Lift wall panel B and insert its stainless steel pegs into the openings in the floor panel. Fit the included nuts from underneath and tighten finger-tight only at this stage.



STEP 03

Raise wall panel C

Lift wall panel C and insert its pegs into the floor panel openings according to the layout. Fit the nuts finger-tight.



STEP 04

Raise window panel D

Lift window wall panel D and insert its pegs into the floor panel openings. Fit the nuts finger-tight.



STEP 05

Join panels C and D

Join wall panel C to window panel D using 8 x 120 Torx30 screws. Tighten loosely with a screwdriver, or an impact gun on its lowest setting.



STEP 06

Raise wall panel E

Lift wall panel E and insert its pegs into the floor panel openings. Fit the nuts finger-tight.



STEP 07

Join panel E to B and C

Join wall panel E to panels B and C using 8 x 120 Torx30 screws. Tighten loosely at this stage.

STEP 08

Fit the roof panel

Lift roof panel F into place on top of the structure and align it to the wall panels. Apply the included sealant and prime every pre-drilled screw hole. Join the roof to panels B, C, D and E with 8 x 120 Torx30 screws, loosely for now.



STEP 09

Tighten everything, bottom to top

Now tighten all nuts and screws in this order: first walls to floor, then walls to walls, then roof to walls. Apply the included sealant along the panel seams from the outside.

STEP 10

Fit the door frame

Fit the sauna door frame, using a mallet to position it if needed. The outside edge of the frame must sit flush with the wall panel surfaces. Fix it in place with the 5 x 50 Torx25 screws.



STEP 11

Hang the door and handle

Fit the door glass using the included hardware. Adjust it so the door shuts evenly and compresses its seal along the full length. Then fit the handle.



STEP 12

Install the seat boards

Fit the seat boards using the 4.5 x 80 Torx20 screws. Check that the gap to the wall is equal at both ends of each board before fixing.



STEP 13

Connect the lighting

Connect the battery pack to the under-seat LED strip. The strip runs on 6 x 18650 rechargeable batteries, which are not supplied.



STEP 14

Install the heater

Install the heater unit and connect it to the power supply. Place the stones according to the heater manufacturer's instructions.

Electrical installation must always be carried out by a certified electrician.



STEP 15

Enjoy your sauna

Before the first full heat, open both vents and run the sauna for a short cycle to cure the interior. Then it is yours.



LOOKING AFTER IT

Care and maintenance.

VENTILATION

Adjust the top and bottom vents to your liking during use, but always leave them open afterwards so the cabin dries out.

CLEANING

Brush out with a broom and wipe with a damp mop if needed, then ventilate.

WATER

Pour water onto the rocks in small portions only. If water runs through the heater, you are using too much.

INTERIOR

Apply sauna wax to the interior at least once every six months.

LEVELLING

Re-check the level after a period of use. The base can settle and may need adjusting.

EXTERIOR

Wood is a live material. Check whether exterior touch-ups are needed from time to time.

Something not fitting as it should?

Send us a photograph and we will talk it through. adrians@royal-wood.com · +371 20681708