



Eclipse 2

Indoor Red Light & Full-Spectrum Infrared Sauna

2-Person



ASSEMBLY GUIDE

VERSION 3.0 · SEPTEMBER 2026

This guide covers uncrating, assembly, electrical requirements, and installation verification. For operating instructions, care, and warranty information, please see the Eclipse 2 Owner's Manual.

Sun Home Saunas · sunhomesaunas.com · 844-728-6200 · info@sunhomesaunas.com

CONTENTS

01 • Get Ready	3
Before You Begin	3
At a Glance	3
Plan Your Delivery Day	3
02 • Safety	4
Safety Warnings	4
Installation Environment	5
03 • Specifications	6
Specifications and Requirements	6
Eclipse 2 Specifications	6
Electrical Requirements	7
Clearance Requirements	7
Site Checklist	7
04 • Inventory	8
What's in the Crate	8
Construction Diagram	8
Components	9
Hardware and Extras	9
05 • Preparation	11
Site Preparation	11
Prepare the Site	11
Crate Disposal	11
06 • Assembly	12
Assembly Steps	12
STEP 1 • Preparation and Uncrating	13
STEP 2 • Position the Floor Panel	14
STEP 3 • Install the Back Panel (B)	15
STEP 4 • Install the Left Panel (A)	16
STEP 5 • Install the Right Panel (C)	18
STEP 6 • Place the Calf Heater Panel	19
STEP 7 • Install the Front Panel (D)	20
STEP 8 • Install the Calf Panel Supports	21
STEP 9 • Connect the Interior Power Cords	22
STEP 10 • Install the Seat Panel	23
STEP 11 • Install the Ceiling Panel	23
STEP 12 • Install the Door Handle	25
STEP 13 • Install the Ergonomic Backrests	26
STEP 14 • Install the Red Light Therapy Panels	26
STEP 15 • Function Test	27
STEP 16 • Install the Dust Cover	29
07 • Troubleshooting	30
Assembly Troubleshooting	30
08 • Completion	31
Final Checklist and Support	31
Final Inspection	31
What's Next	31

TIP

A video walkthrough of the full assembly is available. Scan the QR code or visit **sunhomesaunas.com/pages/eclipse-installation-video**.



sunhomesaunas.com/pages/eclipse-installation-video

Before You Begin

Congratulations on your new Sun Home Eclipse 2. Assembly is straightforward when the steps are followed in order: the panels connect with concealed buckles, power connectors, and bolts, and no woodworking is required. Please read this entire guide once before starting, then complete the steps in sequence. Each component must be in place before the next can be installed correctly.

At a Glance

REQUIREMENT	WHAT YOU NEED
People	2 people minimum. Several steps involve lifting large panels and one requires working overhead from a ladder.
Time	About 2 hours for two people, including about 20 minutes of uncrating. These figures are estimates; your time will vary with the site and your experience.
Skills	No special skills required. Basic hand tools only. The electrical outlet itself must be installed by a licensed electrician.
Required tools	Hammer (uncrating only), crowbar or pry bar, rubber mallet, power drill with a Phillips bit or a Phillips screwdriver, level, and a ladder or step stool.
Recommended tools	Lifting straps (strongly recommended for moving panels) and a utility knife.
Protective equipment	Work gloves are required for uncrating and for handling panels (utility staples and sharp crate edges). Safety glasses are recommended while prying the crate open.
Space	Clear floor space at the installation site, room to stage panels nearby, and a wall to lean staged panels against.

Plan Your Delivery Day

- The sauna ships in one crate. The crate measures **55.1 in W × 29.5 in D × 85.4 in H** and weighs **739 lb** gross. Confirm where the crate will be placed at delivery and whether it fits through your garage or exterior door.
- Panels travel from the uncrating spot to the installation room individually. The largest panels, the Front Panel and the Back Panel, measure **51.5 in wide × 76.7 in tall**. Confirm they will fit through every doorway, hallway, and stairwell along the route before you open the crate.
- If the sauna cannot be assembled immediately, keep the crate indoors or fully covered. Moisture exposure can damage the panels and electrical components.

BEFORE YOU OPEN THE CRATE

Inspect the crate for shipping damage before opening it, and inspect each component as you unpack. If any part is damaged or missing, **do not assemble the sauna**. Photograph the part and the crate, then contact Sun Home Saunas **within 3 business days of delivery** at 844-728-6200 or info@sunhomesaunas.com with your order number, the part name from the Components table in Section 04, and your photos. Assembling with damaged components can void applicable claims.

Safety Warnings

Read every message in this section before you begin. The same warnings repeat at the step where each hazard occurs.

WARNING • ELECTRIC SHOCK

Working on panels or ceiling connections while the sauna is energized can cause electric shock. **Do not connect the sauna to power until assembly is complete and you have reached Step 15, Function Test.** Confirm the power cord is not connected to the outlet before you make any electrical connection, and unplug the sauna before any work after the function test.

WARNING • FIRE

An improper electrical installation can start a fire. The dedicated outlet must be installed by a **licensed electrician** in compliance with local codes. Never use an extension cord, power strip, plug adapter, or standard household outlet with this sauna.

WARNING • HEAVY PANELS

Panels are heavy and awkward, and a dropped or falling panel can cause serious injury. Lift with two or more people at every step marked **TEAM BUILD**, and never leave a panel standing unsupported.

WARNING • GLASS

The Front Panel, the door, and the red light therapy panels contain glass. Striking glass or setting a panel down on its glass face can shatter it and cause cuts. Support glass panels with both hands, never strike glass, and set panels down on their wooden edges only.

WARNING • CHILDREN AND PETS

Unsecured panels can tip and cause serious injury. Keep children and pets away from the work area until assembly is complete.

WARNING • BURN AND FIRE HAZARD

Heater surfaces and the red light therapy panels become hot during use. Leave at least 20 in (50 cm) between the sauna and wallpaper, curtains, or any other combustible wall covering or furnishing. Never place anything on the Ceiling Panel, the Dust Cover, or the heaters, never dry towels or clothing on the heaters, and never leave towels or clothing resting against a heater or a red light therapy panel.



CAUTION • SHARP EDGES AND PINCH POINTS

Utility staples around the crate and the seams between panels can cut or pinch hands. Wear work gloves when handling the crate and panels, and keep fingers clear of the seam when panels are pushed together or tapped down.

NOTICE • PANEL DAMAGE

A metal hammer will dent or split the panel surface, so use only a rubber mallet to seat panels. The Right Panel (C) contains the control panel: never rest it face down and do not strike near the control panel. An improper electrical installation also voids the warranty.

Installation Environment

- **Indoor use only.** Install in a dry, temperature-controlled room with adequate ventilation. Do not expose the sauna to rain, snow, or high humidity.
- **Surface:** the sauna must sit on a dry, flat, level, and stable surface. Check the floor with a level before assembly begins.
- **Floor load:** the assembled sauna weighs 600 lb. With two occupants, the floor must support about 1,000 lb over the 51.5 in × 47.2 in footprint, which is about 60 lb per square foot. Most residential floors carry this load; confirm with a contractor for upper floors, raised decks, or manufactured homes.
- **Moisture:** humidity can damage electrical components. Avoid bathrooms without ventilation, damp basements, and outdoor patios.
- **Clearances:** see the Clearance Requirements table in Section 03, including the 20 in (50 cm) required from wallpaper and other combustible wall coverings.

Specifications and Requirements

Eclipse 2 Specifications

SPECIFICATION	ECLIPSE 2
Model	Eclipse 2 (Sun Home Eclipse™ 2-Person Indoor Red Light & Full-Spectrum Infrared Sauna)
Capacity	2 persons
Exterior Dimensions	51.5 in W × 47.2 in D × 76.7 in H
Interior Dimensions	42.8 in W × 42.2 in D × 71.5 in H
Assembled Weight	600 lb
Crate Dimensions	55.1 in W × 29.5 in D × 85.4 in H
Crate Gross Weight	739 lb
Number of Crates	1
Wood	Canadian Hemlock
Heaters	6 far-infrared heaters (2 in the Left Panel, 2 in the Right Panel, 1 calf heater, 1 floor heater) and 2 full-spectrum heaters (Back Panel)
Red Light Therapy	2 red light therapy panels
Voltage	120V
Rated Power	2820W
Rated Current	23.5A
Circuit	Dedicated 120V, 30A circuit with GFCI protection
Plug	NEMA L5-30P (twist-locking)
Receptacle	NEMA L5-30R (twist-locking)
Power Cord	9.5 ft, exits the top center of the Back Panel (B)
Clearances	25 in in front of the door; 12 to 14 in above the sauna; see Clearance Requirements below
App Control	Sun Home Saunas app; requires a 2.4 GHz Wi-Fi network (5 GHz networks are not supported)
Assembly Time	About 2 hours for two people, including uncrating (estimate)
Support	844-728-6200 • info@sunhomesaunas.com • sunhomesaunas.com

Electrical Requirements

NOTICE • ELECTRICAL REQUIREMENTS

The Eclipse 2 requires a **dedicated, GFCI-protected 120V, 30A circuit** with a **NEMA L5-30R twist-locking receptacle**, installed by a licensed electrician. Provide this page to your electrician.

Other devices on the same circuit can overload it while the sauna is running and trip the breaker; a dedicated circuit prevents this. Never use extension cords, power strips, or adapters.

Receptacle location: the 9.5 ft power cord exits the top center of the Back Panel (B), about 76 in above the floor, and runs down the back of the sauna. Install the receptacle on the wall behind the sauna, within 4 ft to either side of the center of the Back Panel and between 12 in and 48 in above the floor. A receptacle placed farther away will be out of reach of the cord.

GFCI protection is required: the dedicated circuit must be GFCI protected. Because a 30A twist-locking receptacle is normally protected by a 30A GFCI circuit breaker rather than a GFCI receptacle, ask your electrician to provide the protection at the breaker or with a GFCI device rated for 30A and the full load of the sauna. A GFCI device rated below the load of the sauna will trip during a session.

Clearance Requirements

LOCATION	REQUIRED CLEARANCE
In front of the door	25 in minimum, so the door can fully open
Above the sauna	12 to 14 in, so you can reach in and make the ceiling connections during assembly
Sides and back, open room with bare walls	No gap required. Drop the power cord down the back of the Back Panel before you raise it (Step 3) so it reaches the receptacle.
Sides and back, walls with wallpaper or any other combustible covering	20 in (50 cm)
Enclosed space or alcove	4 to 6 in around the sauna and 12 to 14 in above the Ceiling Panel

Site Checklist

- ☐ The floor at the installation site is dry, flat, level, and stable, and it supports about 1,000 lb over the 51.5 in × 47.2 in footprint.
- ☐ The room is indoors, ventilated, and temperature controlled.
- ☐ A dedicated, GFCI-protected 120V, 30A circuit with a NEMA L5-30R receptacle is installed on the wall behind the sauna, within 4 ft of the center of the Back Panel and between 12 in and 48 in above the floor.
- ☐ The clearances in the table above are available, including 25 in of door swing and 20 in (50 cm) from wallpaper or any other combustible wall covering.
- ☐ Every doorway and stairwell on the route from crate to site clears the largest panel (51.5 in × 76.7 in).
- ☐ A 2.4 GHz Wi-Fi network reaches the installation site if you plan to use the Sun Home Saunas app. The sauna operates fully without the app.

What's in the Crate

Unpack carefully and check every item against the lists below before you begin. The hardware ships in a labeled bag. Keep it together until each piece is called for by name in the steps, and check each fastener against the actual size drawing in Figure 2 before you start a step. Reference numbers match the construction diagram (Figure 1), and panel letters appear in parentheses.

Construction Diagram

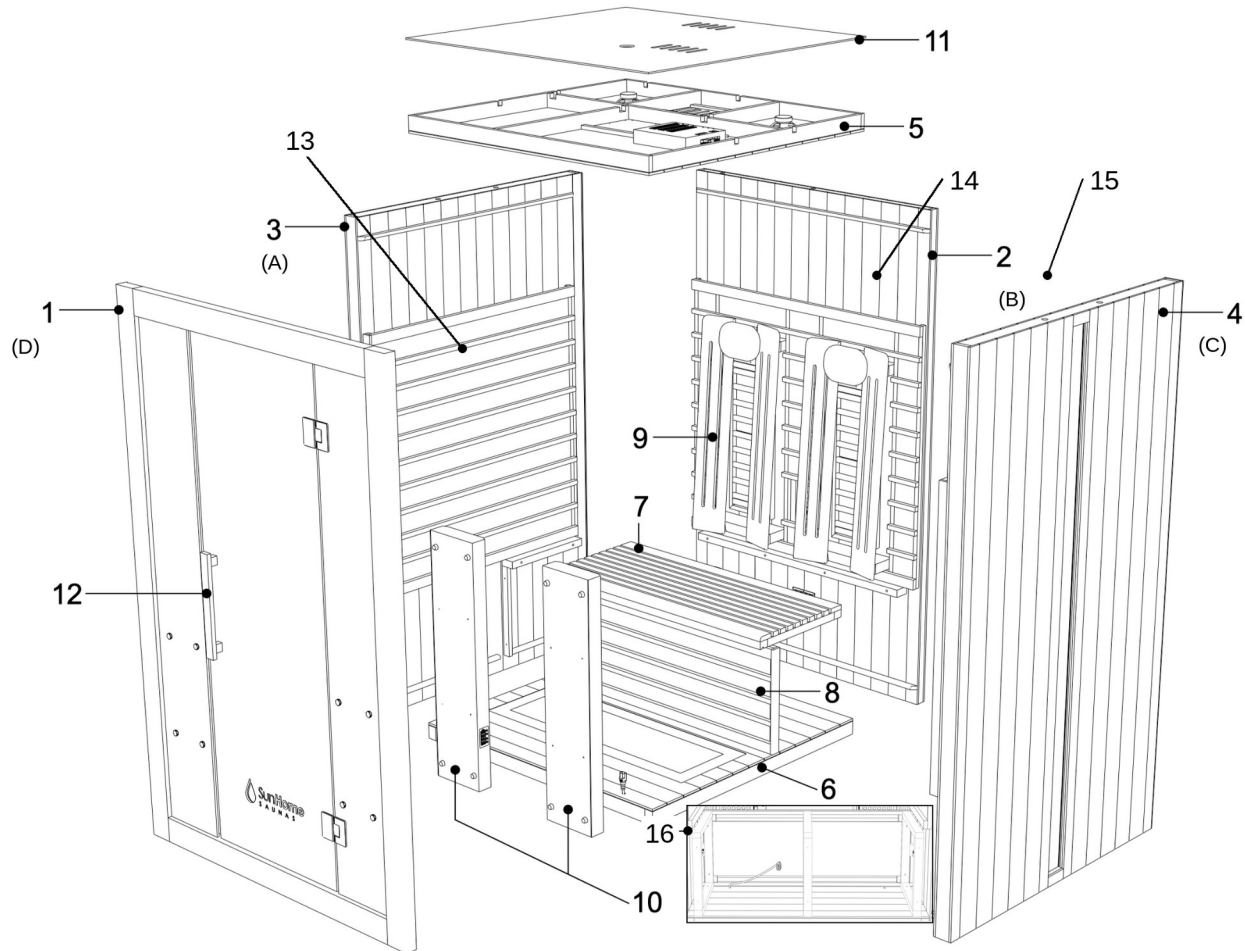


Figure 1. Construction diagram. Reference numbers 1 to 12 are separate components; 13 to 15 are built into the panels; 16 shows the three Calf Panel Supports, which install under the Seat Panel.

Components

REF	COMPONENT	QTY
1	Front Panel (D), includes the glass door	1
2	Back Panel (B), includes the two full-spectrum heaters	1
3	Left Panel (A), includes two far-infrared heaters	1
4	Right Panel (C), includes two far-infrared heaters and the control panel	1
5	Ceiling Panel	1
6	Floor Panel, includes the floor heater	1
7	Seat Panel	1
8	Calf Heater Panel	1
9	Ergonomic Backrests (packed loose inside the crate)	2
10	Red Light Therapy Panels	2
11	Dust Cover	1
12	Door Handle Set (interior wooden handle, exterior stainless steel handle)	1
13	Far-infrared heaters, built into the Left Panel, Right Panel, Floor Panel, and Calf Heater Panel (not separate parts)	6
14	Full-spectrum heaters, built into the Back Panel (not separate parts)	2
15	Control panel, built into the Right Panel (not a separate part)	1
16	Calf Panel Supports (2 with wooden side blocks, 1 center)	3

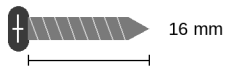
Hardware and Extras

ITEM	SIZE	QTY	SPARES	USED IN
Red light therapy panel bolts	6 × 25 mm	8	0	Step 14
Plastic washers for the red light panel bolts (bagged with the bolts)	Fits 6 mm bolt	8	0	Step 14
Door handle bolts	6 × 60 mm	2	0	Step 12
Plastic washers for the door handle bolts	Fits 6 mm bolt	4	0	Step 12
Handle-hole wooden plugs	Press fit	3	1	Step 12
Calf panel screws	3 × 30 mm	2	0	Step 8
Calf panel support screws	3.5 × 40 mm	12	0	Step 8
Dust cover screws (black)	3 × 16 mm	12	0	Step 16
M4 hex key	M4	1	0	Not used in assembly

ITEM	SIZE	QTY	SPARES	USED IN
TIP The M4 hex key is not needed during assembly. Keep it with your tools: it fits the door hinge bolts if the door ever needs adjustment.				

Hardware identification, printed at actual size (check the 50 mm scale bar)

3 × 16 mm dust cover screw (12)



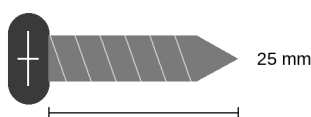
3 × 30 mm calf panel screw (2)



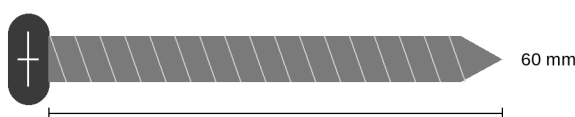
3.5 × 40 mm calf panel support screw (12)



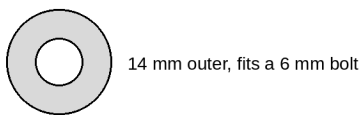
6 × 25 mm red light panel bolt (8)



6 × 60 mm door handle bolt (2)



Plastic washer, 6 mm bolt (8 red light, 4 door handle)



Wooden plug (3, one spare)

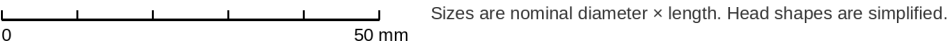


Figure 2. Hardware identification at actual size when this page is printed at 100 percent. Lay each fastener on the drawing to confirm its size before you start a step.

Site Preparation

Prepare the Site

- Clear the installation area and the route from the crate to the site.
- Verify the site against the Site Checklist in Section 03 before uncrating.
- Stage your tools and the hardware bag at the installation site so both people can stay with the panels. The tools are listed in At a Glance in Section 01.

Crate Disposal

The crate consists of wood panels, cardboard, and foam. Most municipal recycling programs accept the cardboard, and the wood can be recycled or disposed of as construction debris. Set packaging aside during assembly rather than discarding it immediately, in case any component needs to be photographed or returned.

Assembly Steps

Complete all steps in order. Do not skip ahead. Panel letters A through D appear on the panel stickers and match the labels used below: **A is Left, B is Back, C is Right (control panel), D is Front**. Left and right in this guide are as you face the front of the sauna, the door side, and the panel stickers use the same convention. Figures are numbered in order and cited in each step.

CONNECTION METHODS

Components connect three ways: concealed buckles between panels, power connectors for heaters and lights, and bolts or screws for mounted parts. Ensure each connection is firmly seated before moving to the next step.

PHASE	STEPS	ESTIMATED TIME
1 Uncrating	Step 1	About 20 minutes
2 Walls	Steps 2 to 7	About 25 minutes
3 Interior	Steps 8 to 10	About 20 minutes
4 Ceiling and wiring	Step 11	About 20 minutes
5 Finish and test	Steps 12 to 16	About 25 minutes

Times are estimates for two people and add up to about 2 hours.

STEP 1 • Preparation and Uncrating

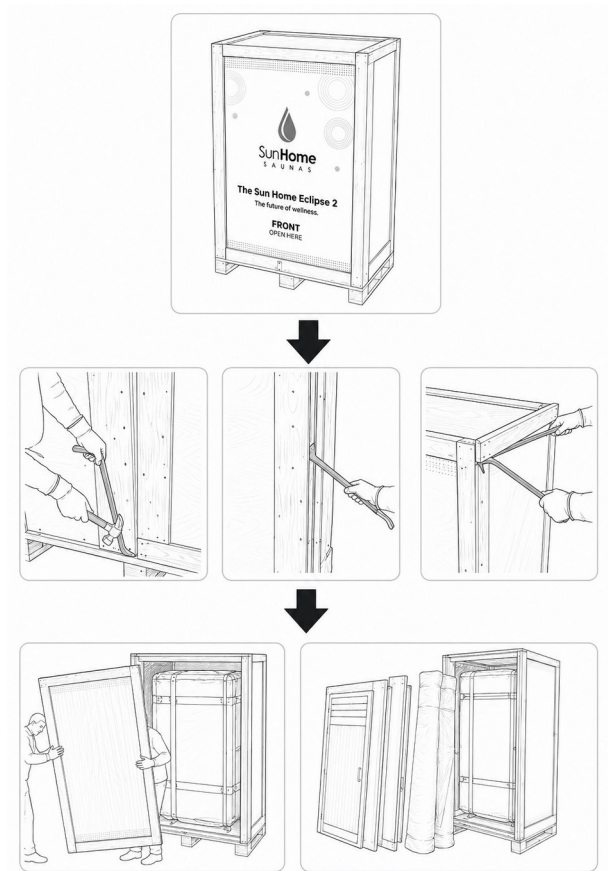


Figure 3. Uncrating: the crate front is pried open at the bottom, the sides, and then the top, and the contents are held upright while the front is removed.

TEAM BUILD

Two or more people are required. One person must hold the crate contents upright while the other removes the crate front.

⚠ CAUTION • SHARP EDGES

Utility staples and sharp edges around the crate can cut hands. Wear work gloves and safety glasses while you pry the crate open.

- Move the crate as close to the installation room as practical before opening it.
- Using the crowbar and hammer, pry the crate front open: bottom first, then sides, then top (Figure 3).
- With one person holding the contents upright, remove the crate front and set it aside.
- Unpack the components and check them against the inventory in Section 04.
- Stage each panel on its wooden edge, leaning against a wall at a shallow angle, never resting on glass and never freestanding.

⚠ WARNING • TIP-OVER

An unsupported panel can tip and cause serious injury. Lean every staged panel against a wall and never leave a panel freestanding, even for a moment.

PHASE 2 • WALLS • ABOUT 25 MINUTES

STEP 2 • Position the Floor Panel

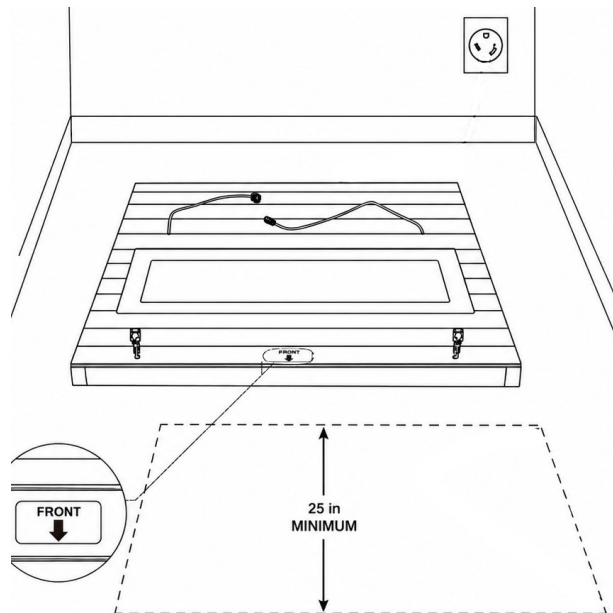


Figure 4. Floor Panel in position, with the FRONT sticker facing the 25 in door clearance and the receptacle on the wall behind the sauna.

- Move the Floor Panel to the installation location.
- Check the surface with your level. The sauna must sit flat; shim or choose another location if the floor is not level.
- Identify the front and rear of the Floor Panel using the stickers on it. The front faces your 25 in door clearance (Figure 4).
- Confirm the receptacle is within reach of the 9.5 ft power cord, which exits the top center of the Back Panel (B) and runs down the back of the sauna, as described in Section 03.

TIP

To avoid damage to your floor, do not slide or move the sauna after it is assembled. Position the Floor Panel exactly where the sauna will live.

STEP 3 • Install the Back Panel (B)

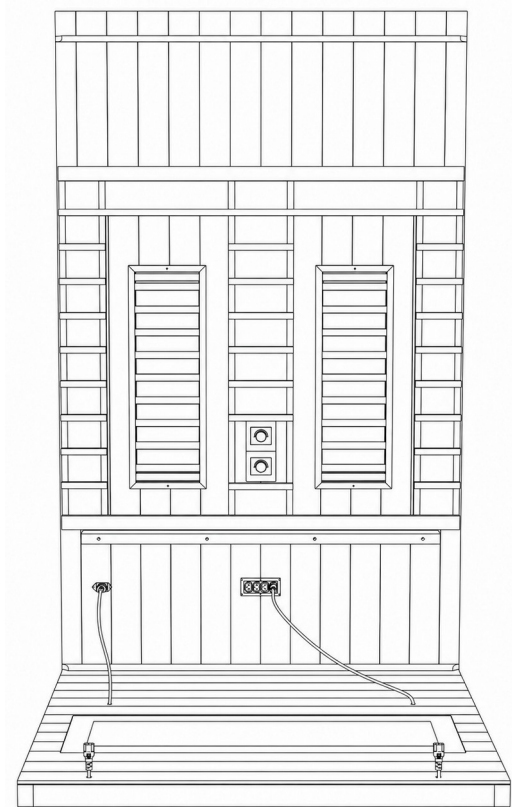


Figure 5. Back Panel (B) standing on the rear edge of the Floor Panel, with its floor level cords hanging free.

TEAM BUILD

Two or more people are required for this step and for every panel step through Step 7.

- Before you raise the Back Panel, let the power cord hang down the back face of the panel so it will reach the floor behind the sauna and the receptacle.
- With two people lifting, raise the Back Panel (B) and align it with the rear edge of the Floor Panel as shown in Figure 5, so its base sits squarely on the Floor Panel. Keep fingers clear of the bottom edge as the panel settles.
- One person must hold the Back Panel firmly upright until both side panels are installed.



WARNING • TIP-OVER

An unsupported panel can fall and cause serious injury. Do not let go of the Back Panel until the Left Panel and the Right Panel are buckled to it.



CAUTION • PINCH POINT

The base of the Back Panel can pinch or crush fingers as it settles onto the Floor Panel. Keep hands clear of the bottom edge while the panel is lowered.

CHECKPOINT

The Back Panel is centered on the rear edge of the Floor Panel with no overhang on either side.

STEP 4 • Install the Left Panel (A)



Figure 6. Left Panel (A) buckled to the Back Panel (B) and tapped down with the rubber mallet from the ladder.

TEAM BUILD

Two or more people are required. The Left Panel is a large, heavy panel.

- Position the Left Panel (A) against the left edge of the Back Panel, left as you face the front of the sauna, and connect the three concealed buckles on the Left Panel to the three concealed buckles on the Back Panel (Figure 6 and Figure 7).
- Tap the top edge of the Left Panel downward with the rubber mallet until the Left Panel and Back Panel are aligned vertically. Firm taps are normal and heavier strikes may be required. Use only a rubber mallet, never a metal hammer.

⚠ CAUTION • PINCH POINT

The seam between panels can pinch fingers as the buckles drop into place. Keep hands clear of the seam while tapping.

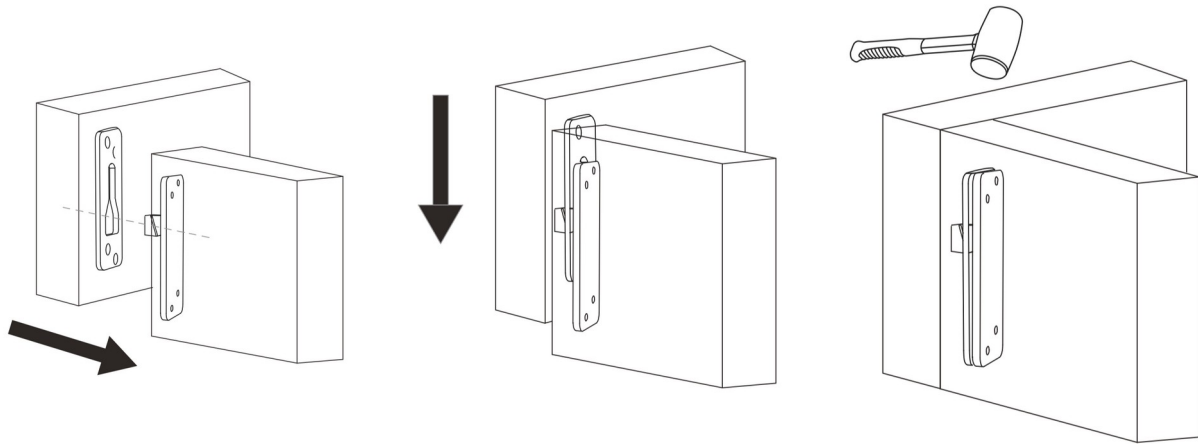


Figure 7. Concealed buckle engagement: slide the panel in, let it drop onto the catch, then tap it down with the rubber mallet.

CHECKPOINT

Minor seams are normal, but no gap between panels should exceed 1/8 in. If a gap is larger, lift the panel slightly, re-seat the buckles, and tap down again.

STEP 5 • Install the Right Panel (C)

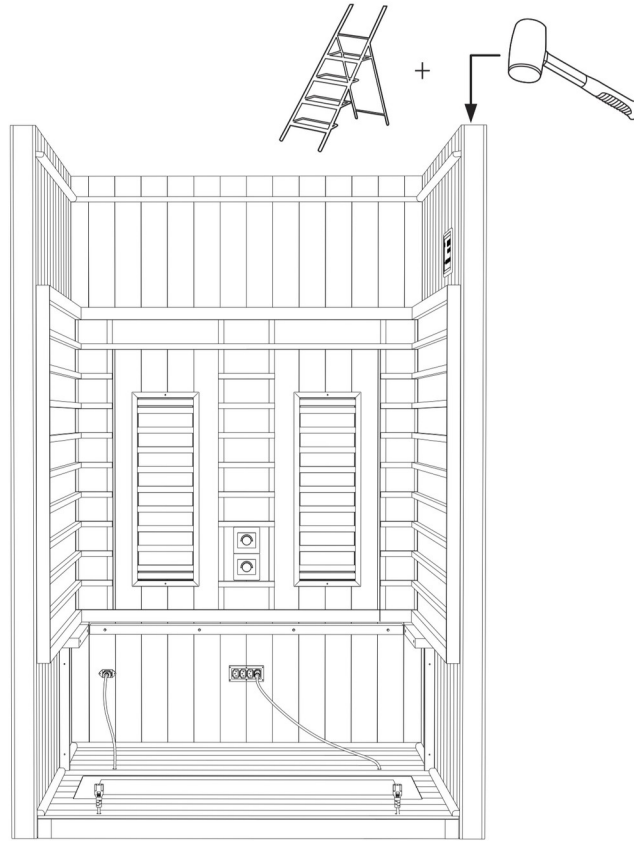


Figure 8. Right Panel (C) installed, with the control panel near the top of its interior face.

TEAM BUILD

Two or more people are required. The Right Panel is a large, heavy panel.

- Position the Right Panel (C) against the right edge of the Back Panel, right as you face the front of the sauna, and connect its three concealed buckles to the Back Panel, exactly as you did on the left side (Figure 8).
- Tap the Right Panel downward with the rubber mallet until it is aligned vertically with the Back Panel. Keep hands clear of the seam while tapping.



CAUTION • PINCH POINT

The seam between the Right Panel and the Back Panel can pinch fingers as the buckles drop into place. Keep hands clear of the seam while tapping.

NOTICE • CONTROL PANEL

The Right Panel contains the control panel. Striking near the control panel or resting the panel face down can damage it. Do not strike near the control panel, and never rest this panel face down.

CHECKPOINT

Both side panels stand vertical, gaps are under 1/8 in, and the structure is self-supporting.

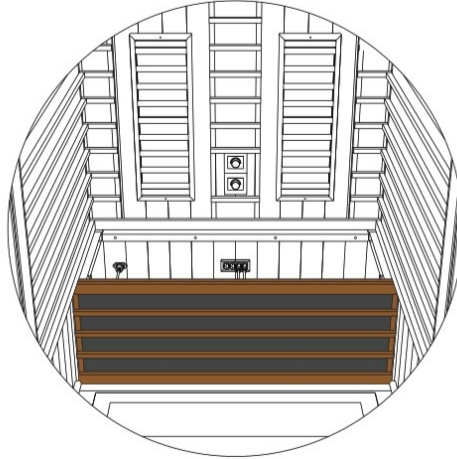
STEP 6 • Place the Calf Heater Panel

Figure 9. Calf Heater Panel placed inside the sauna in front of the bench area, seen from above.

- Set the Calf Heater Panel inside the sauna in its position in front of the bench area, as shown in Figure 9.
- Do not fasten anything yet. The panel is secured with its supports in Step 8.

STEP 7 • Install the Front Panel (D)

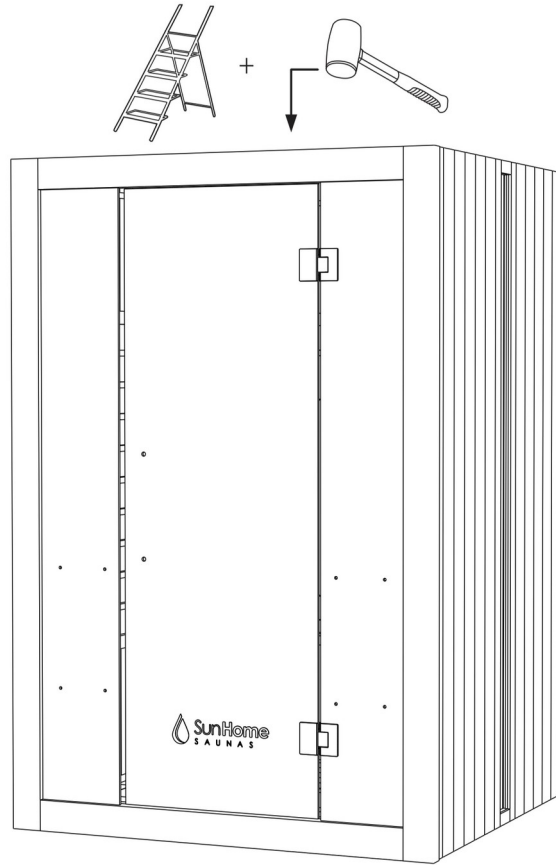


Figure 10. Front Panel (D) buckled to both side panels and tapped down from the ladder.

TEAM BUILD

Two or more people are required. The Front Panel contains the glass door.

⚠ WARNING • GLASS

The Front Panel contains a glass door. A dropped or struck panel can shatter the glass and cause cuts. Support the panel with both hands on its wooden frame, never strike the glass, and never set the panel down on its glass face.

- Lift the Front Panel (D) and connect its concealed buckles to the buckles on the Left Panel (A) and Right Panel (C) (Figure 10).
- Tap the Front Panel downward with the rubber mallet until it is aligned with both side panels on all sides. Keep hands clear of the seams while tapping.

⚠ CAUTION • PINCH POINT

The seams between the Front Panel and both side panels can pinch fingers as the buckles drop into place. Keep hands clear of both seams while tapping.

CHECKPOINT

The door swings freely through its full arc and closes square against the seal, and no seam gap exceeds 1/8 in. If the door binds, tap the Front Panel down further and re-check.

PHASE 3 • INTERIOR • ABOUT 20 MINUTES

STEP 8 • Install the Calf Panel Supports

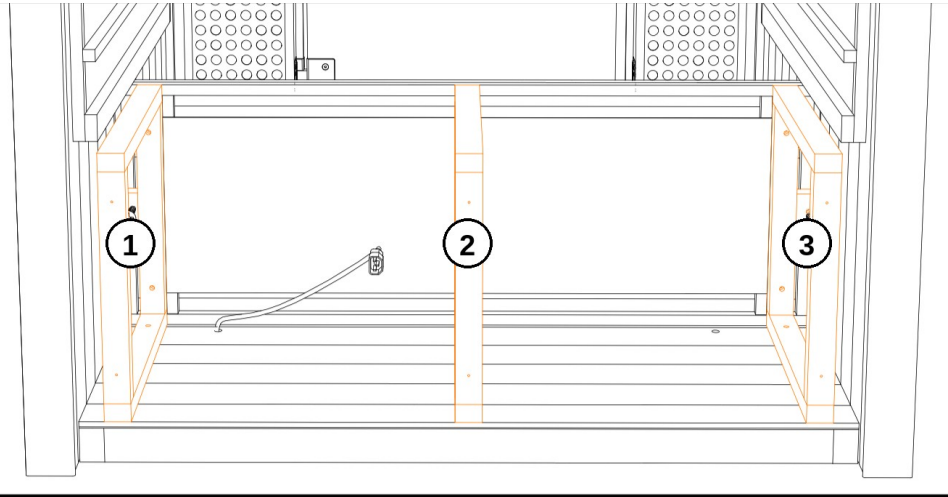


Figure 11. The three Calf Panel Supports in position: 1 left, 2 center, 3 right, as you face the front of the sauna.

- Identify the three square supports (Figure 11). The left support (1) and the right support (3) have wooden blocks attached to one side; the center support (2) has none and sits in the cutout notch in the floor trim.
- Place the left and right supports so their wooden blocks rest against the Calf Heater Panel and the side walls of the sauna. Place the center support in its floor trim notch.
- Using the power drill with the Phillips bit or the Phillips screwdriver, secure the left and right supports to the Calf Heater Panel through the wooden side blocks with the (2) 3 × 30 mm screws (Figure 12, left).
- Secure all three supports to the sauna floor and to the Back Panel (B) with the (12) 3.5 × 40 mm screws, four per support (Figure 12, right). Drive each screw until the head seats; do not over-tighten, which strips the wood.

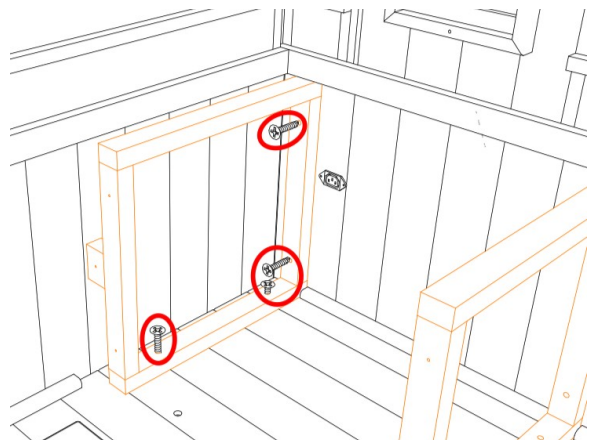
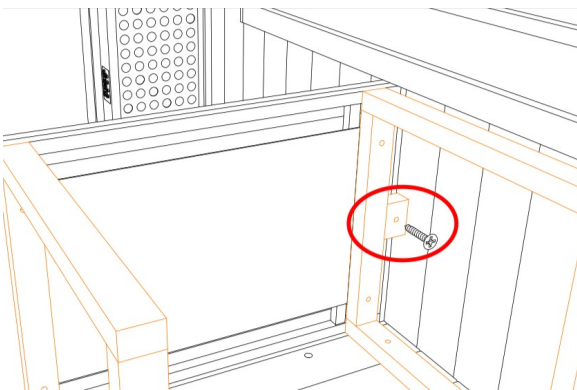


Figure 12. Left: a 3 × 30 mm screw through the wooden side block into the Calf Heater Panel. Right: 3.5 × 40 mm screws through a support into the floor and the Back Panel.

CHECKPOINT

The Calf Heater Panel is rigid, with no flex or rattle when pressed.

STEP 9 • Connect the Interior Power Cords

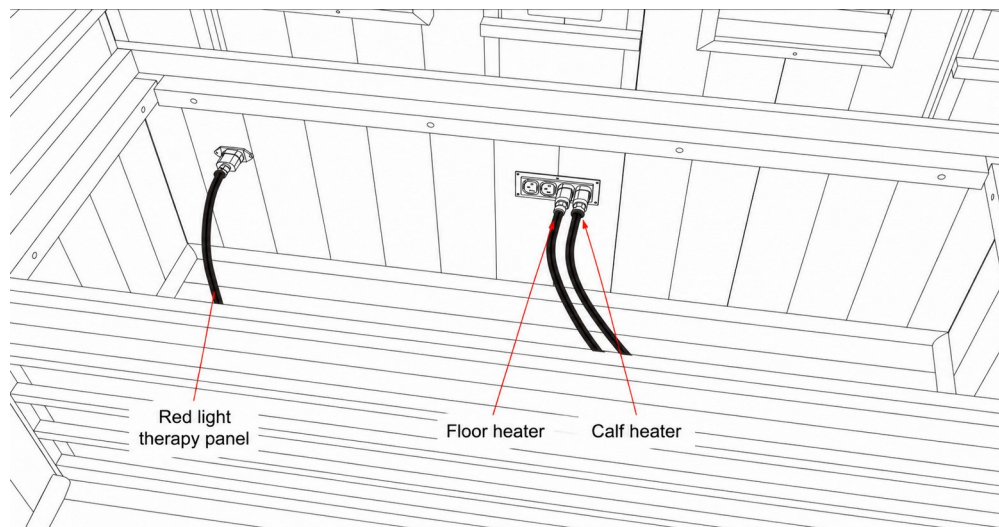


Figure 13. Floor level connections: the red light therapy supply cord on the left, and the floor heater and calf heater cords in the three-socket outlet.

Confirm the power cord is not connected to the outlet before you make any connection.

- Connect the floor heater cord and the calf heater cord to the three-socket outlet at the base of the Back Panel (B), as shown in Figure 13.
- Connect the red light therapy supply cord on the left side of the floor to the single red light therapy outlet on the left side of the Back Panel (B).

NOTICE • RED LIGHT CONNECTION

The red light therapy cord must go to the red light therapy outlet, not to the heater outlet. Matching these connections now prevents a miswired red light circuit later.

CHECKPOINT

All three floor level connectors are fully seated and the cords lie flat under the bench area.

STEP 10 • Install the Seat Panel

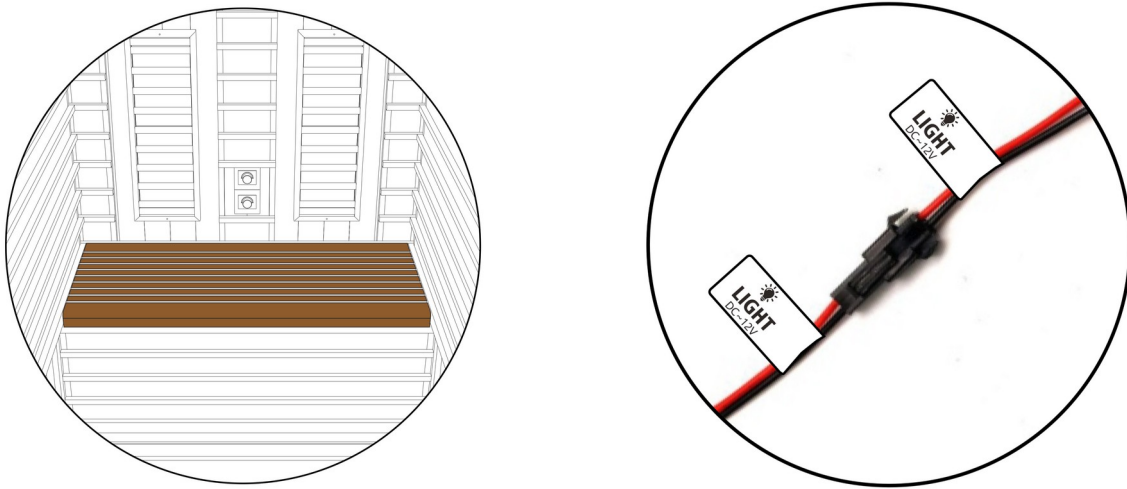


Figure 14. Left: the Seat Panel in place on the supports. Right: the LED light cable connectors marked LIGHT.

Confirm the power cord is not connected to the outlet before you make any connection.

- Place the Seat Panel into position on the supports (Figure 14, left).
- Connect the LED light cable for the Seat Panel: join the two flat connectors marked LIGHT until they click (Figure 14, right).

PHASE 4 • CEILING AND WIRING • ABOUT 20 MINUTES

STEP 11 • Install the Ceiling Panel

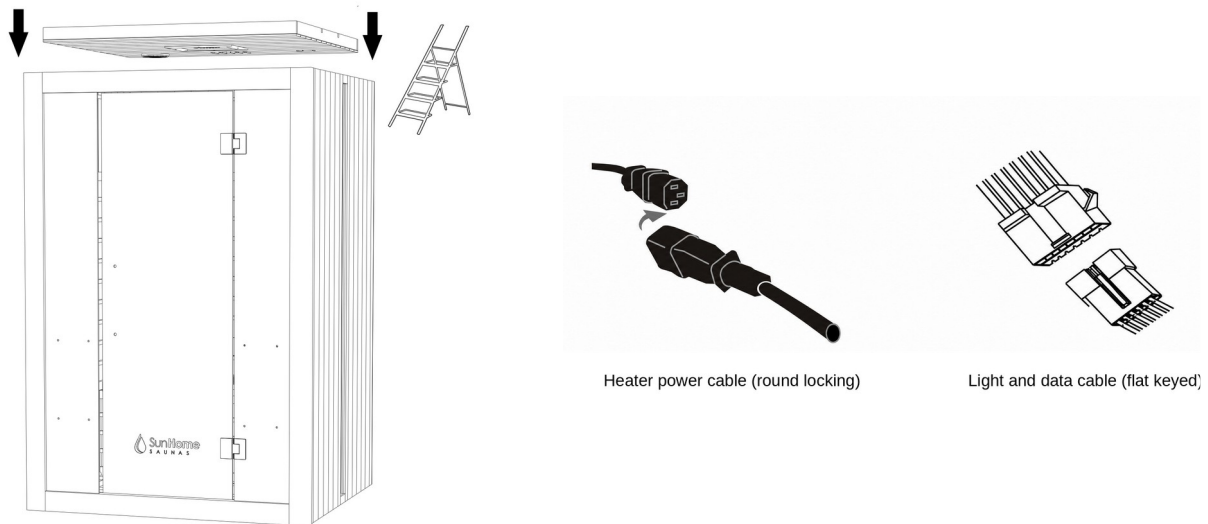


Figure 15. Left: the Ceiling Panel lowered onto the walls from the ladder, vent toward the rear. Right: the two connector families on the Ceiling Panel, round locking heater power connectors and flat keyed light and data connectors.

TEAM BUILD

Two or more people are required, one on a ladder or step stool. Never install the Ceiling Panel alone.

Confirm the power cord is not connected to the outlet before you make any connection.

- Position every cable coming out of the top of the sauna walls so it hangs outside the sauna, where you can reach it.
- Working from the ladder, carefully lower the Ceiling Panel into place with the vent positioned toward the rear of the sauna (Figure 15, left). Keep fingers clear of the top edges of the walls as the Ceiling Panel settles.
- Connect all power cables and control wires on top of the Ceiling Panel, joining each cable coming up from the walls to its nearest indicated neighbor on the Ceiling Panel. Heater power cables use round locking connectors, and light or data cables use flat keyed connectors (Figure 15, right).



WARNING • RED LIGHT CABLES

The black power cable marked **“Red Light”** must connect only to its matching cable labeled **“Red Light”**. If it is crossed with a heater cable, the red light panels will not switch properly and a heater can remain powered when the sauna is off, which is a burn and fire hazard. Check the labels before you join the connectors.



CAUTION • PINCH POINT

The Ceiling Panel can pinch or crush fingers against the top edges of the walls as it is lowered. Keep hands clear of the top edges of the walls until the Ceiling Panel is resting in place.

CHECKPOINT

The Ceiling Panel sits flush on all four walls, the vent faces the rear, no cable is pinned between the ceiling and a wall, and every connector on the Ceiling Panel is fully seated.

STEP 12 • Install the Door Handle

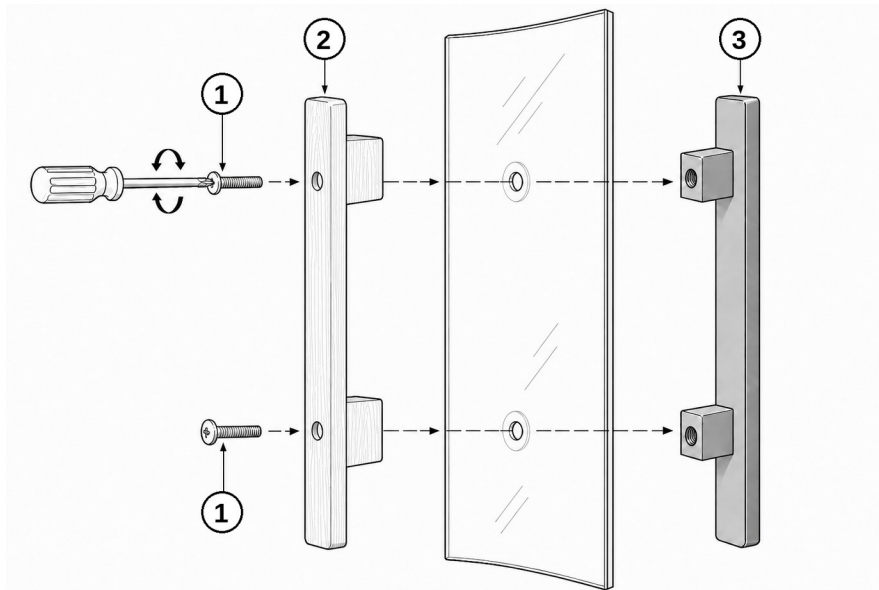


Figure 16. Door handle assembly: bolts (1) pass through the interior wooden handle (2) and the glass into the exterior stainless steel handle (3), with a plastic washer on each side of the glass.

Parts (Figure 16): (1) two 6 × 60 mm bolts, (2) the interior wooden handle, (3) the exterior stainless steel handle, four plastic washers, and the wooden plugs.

WARNING • GLASS

Over-tightening the handle bolts can crack the glass door and cause cuts. Tighten until snug only, and stop at once if you hear the glass creak.

- Slide a plastic washer onto each bolt (1), then insert the bolts through the holes in the interior wooden handle (2).
- Guide both bolts through the holes in the glass door, then slide a second plastic washer onto each bolt on the outside of the glass.
- Use the Phillips screwdriver to tighten the bolts into the exterior handle (3). Tighten until snug. Do not over-tighten against the glass.
- Press two wooden plugs into the bolt recesses on the interior handle to conceal the hardware. The third plug is a spare.

STEP 13 • Install the Ergonomic Backrests



Figure 17. Both Ergonomic Backrests hung on the Back Panel in front of the full-spectrum heaters.

- Hang the two removable Ergonomic Backrests on the Back Panel (B), one in front of each full-spectrum heater, with their hooks over the top rail as shown in Figure 17. No tools or hardware are needed.

STEP 14 • Install the Red Light Therapy Panels

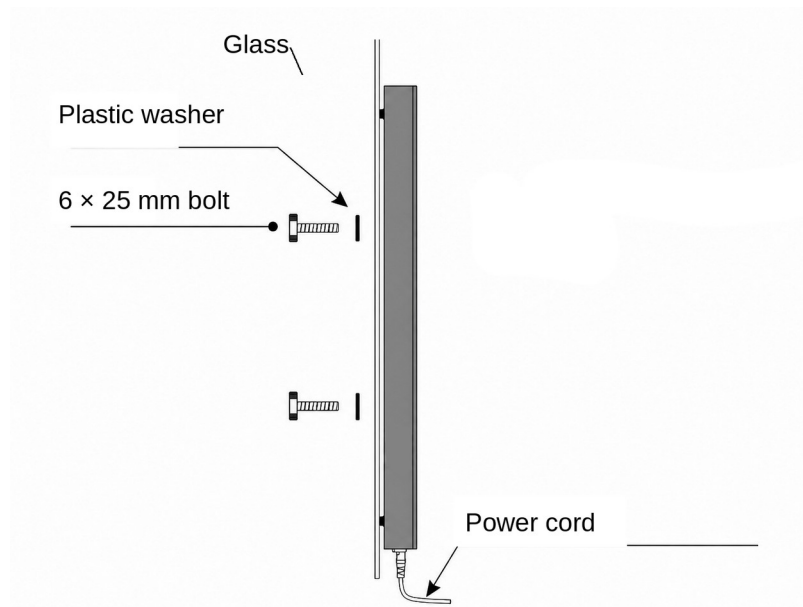


Figure 18. Side view of a red light therapy panel bolted through the glass with a plastic washer under each bolt head and the power cord at the bottom.

TEAM BUILD

One person supports each panel from inside the sauna while the other fastens from outside.

Confirm the power cord is not connected to the outlet before you make any connection.

⚠ WARNING • GLASS

The red light therapy panels mount through the glass of the Front Panel. A dropped panel or an over-tightened bolt can crack the glass and cause cuts. Support each panel with both hands until all four bolts are snug, and never strike the glass.

- Slide one plastic washer onto each of the (8) 6 × 25 mm bolts. The washers are bagged with the bolts.
- With your helper holding the first red light therapy panel in place inside the sauna, pass a bolt through one of the holes in the glass (Figure 18).
- Align the bolt with the corresponding threaded hole on the back of the panel and thread it in by hand until snug. Do not use a screwdriver or a power tool, and do not over-tighten against the glass. Repeat for all 4 bolts on this panel.
- Plug the power cord into the bottom of the panel.
- Repeat this step for the second red light therapy panel.

CHECKPOINT

Both panels are secure with 4 bolts and washers each, and both power cords are plugged into the panel bottoms.

STEP 15 • Function Test

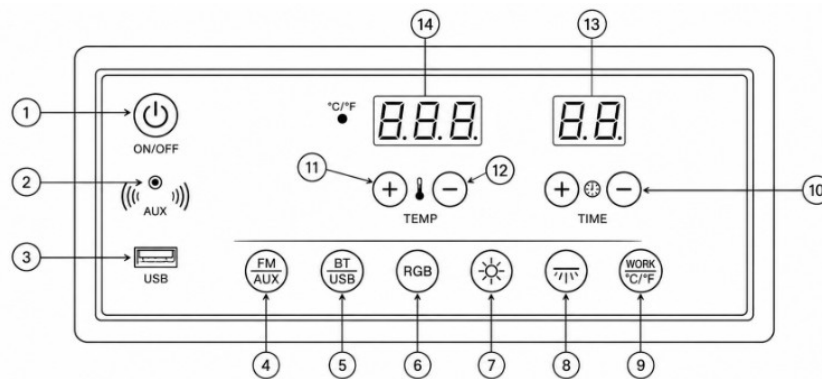


Figure 19. Control panel: 1 Power, 6 RGB chromotherapy lights, 7 Seat LED, 8 Exterior Light, 9 Work (heaters on and off), 10 Time, 11 and 12 Temperature. The Owner's Manual describes every control.

Test every system now, while the connections on the Ceiling Panel are still accessible. This is the only step in which the sauna is powered before installation is complete. The numbers below refer to Figure 19.

⚠ CAUTION • HOT SURFACES

Heater surfaces and the red light therapy panels become hot during the test and can burn skin. Keep towels, clothing, and packaging away from the heaters, and do not touch heater surfaces during or after the test.

- Plug the power cord into the dedicated NEMA L5-30R receptacle and twist to lock.
- Press the Power button (1) on the control panel and verify the display lights and responds.
- Press the Work button (9) to start a heating session and confirm every heater zone begins to warm within a few minutes, including the calf heater and the floor heater.
- Confirm both red light therapy panels illuminate when switched on.
- Press the RGB button (6), the Seat LED button (7), and the Exterior Light button (8) and confirm the interior chromotherapy, seat, and exterior lighting respond.
- If you plan to use the app, confirm the control panel pairs with the Sun Home Saunas app over Bluetooth and your 2.4 GHz Wi-Fi network as described in the Owner's Manual. The sauna operates fully without the app.
- Press the Work button (9) to stop heating, then press the Power button (1) to shut down, and confirm all heaters shut off and the red light panels switch off with their controls.
- **Unplug the power cord before continuing to Step 16.**

IF SOMETHING FAILS

If a red light panel does not light, or a heater stays warm with the sauna powered off, two connectors on the Ceiling Panel are likely crossed. Unplug the sauna and see Section 07, Assembly Troubleshooting, before installing the Dust Cover.

STEP 16 • Install the Dust Cover

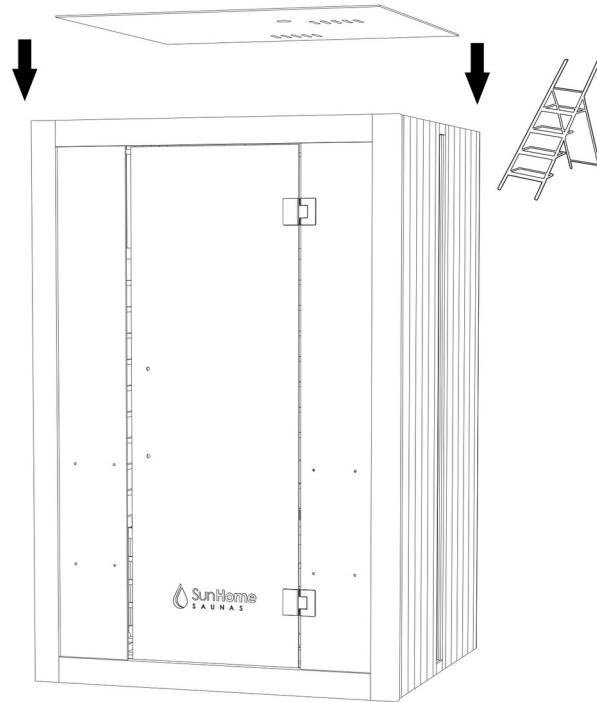


Figure 20. Dust Cover lowered onto the Ceiling Panel over the connections.

- With the Function Test passed and the power cord unplugged, position the Dust Cover over the connections on the Ceiling Panel as shown in Figure 20.
- Using the power drill with the Phillips bit or the Phillips screwdriver, secure the Dust Cover with the (12) black 3 × 16 mm screws. Drive each screw until the head seats; do not over-tighten, which strips the thin cover.
- Route the power cord neatly down the back of the sauna to the receptacle and plug it back in.

INSTALLATION COMPLETE

Before your first session, please read the Eclipse 2 Owner's Manual for operating instructions, heat-up guidance, safety information, and care recommendations.

Assembly Troubleshooting

Unplug the sauna before any action in this table that touches a cable, a connector, or the Ceiling Panel.

ISSUE	LIKELY CAUSE	WHAT TO DO
A panel will not seat flush, or a gap exceeds 1/8 in	Buckles not fully engaged, or the panel is not level	Lift the panel slightly to release the buckles, re-align, and tap down again with the rubber mallet.
A red light panel does not light, or a heater stays warm when the sauna is off	The black Red Light cables on the Ceiling Panel are crossed with a heater cable	Unplug the sauna. With the Dust Cover off, swap the black cable connections on the Ceiling Panel, then plug in and re-run the Function Test until both red light panels operate correctly with the heaters off.
The door does not close square against the seal	The Front Panel is not fully seated	Tap the Front Panel down until aligned with both side panels, then re-check the door.
The control panel does not power on	Cord not locked into the receptacle, breaker or GFCI tripped, or wrong receptacle type	Confirm the plug is twisted into a NEMA L5-30R receptacle on a dedicated, GFCI-protected 120V, 30A circuit, and reset the breaker or the GFCI device if it has tripped.
The control panel lights but does not respond to its buttons	The flat keyed control cable on the Ceiling Panel is not fully seated	Unplug the sauna. Remove the Dust Cover, reseal the flat keyed control cable connector on the Ceiling Panel until it clicks, then plug in and retest.
A cable will not reach its connector on the Ceiling Panel	Cable fell inside the wall cavity or is routed to the wrong neighbor	Unplug the sauna. Lift the Ceiling Panel slightly, pull the cable up so it hangs outside the wall, and join it to its nearest indicated neighbor.

If an issue persists, stop assembly and contact us. Photos of the affected area speed up every support conversation.

Final Checklist and Support

Final Inspection

- ☐ All panel seams are flush, with no gap over 1/8 in.
- ☐ The door opens through its full 25 in swing and closes square against the seal.
- ☐ The (2) 3 × 30 mm and (12) 3.5 × 40 mm screws secure the Calf Heater Panel and its supports.
- ☐ Both red light therapy panels are mounted with 4 bolts and washers each and are plugged in.
- ☐ The door handle is snug with a plastic washer on each side of the glass, and the wooden plugs are in place.
- ☐ The Function Test passed: control panel, all heater zones, both red light panels, and interior lighting.
- ☐ The Dust Cover is secured with all 12 black screws.
- ☐ The power cord runs down the back of the sauna directly to the dedicated receptacle with no extension cord, and the plug is twist-locked.
- ☐ No hardware remains except the M4 hex key and the spare wooden plug. Keep both.
- ☐ This guide is stored where you can find it.

What's Next

Your Eclipse 2 is installed. Before your first session, read the Eclipse 2 Owner's Manual for operating instructions, recommended session temperatures, heat-up times, app pairing, warranty information, and care and maintenance guidance. The Owner's Manual is included with your sauna and available at sunhomesaunas.com.

NEED SUPPORT?

Our team is happy to help with any part of your installation.

Call: 844-728-6200

Email: info@sunhomesaunas.com

Web: sunhomesaunas.com