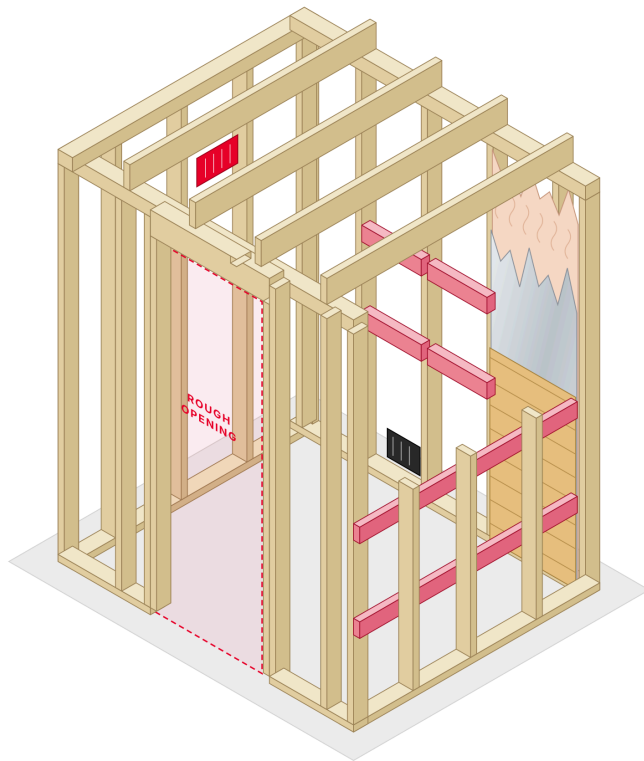




CUSTOM CUT SAUNA

Installation Manual



Contents

Installation Manual. Read in full, together with the heater and Harvia Fenix control manuals, before beginning work.

01	Before You Begin	2
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**SUPPORT**

Questions during installation: customsauna@harvia.com · 800-776-0711

01 Before You Begin

Harvia Custom Cut is a made-to-measure sauna interior package, precut to your project's framed dimensions. This manual guides installation from site preparation through final trim.

How to use this manual

- Read this manual, the **sauna heater installation manual** and the **Harvia Fenix control manual** in full before starting work.
- Steps are listed in installation order. Work marked **BY OTHERS** is completed by the contractor, builder or licensed trades before Harvia components are installed.
- **Plan electrical early:** each bench light bar needs its own outlet outside the sauna (Step 6.2).
- Keep this manual with the sauna owner for future reference.

Receiving your kit

- Inspect all bundles and cartons on delivery and check contents against the packing list.
- Report missing or damaged parts to your dealer **within 7 days of delivery**.
- Store components indoors in a dry, climate-controlled space until installation. Keep bundles flat and wrapped.

WALL BOARD ORIENTATION

Your kit was designed and manufactured for the T&G orientation (horizontal or vertical) selected at the time of order. It cannot be changed on site.



READ BEFORE CUTTING

All T&G is precut and labeled by location (e.g. front wall, left wall, ceiling). Only use boards for the wall they are allocated to. If lengths do not match site conditions, contact support before cutting any boards.

Symbols used in this manual



WARNING

A hazardous situation that, if not avoided, could result in death or serious injury.



CAUTION

A hazardous situation that, if not avoided, could result in minor or moderate injury, or damage to the sauna.



NOTICE

Information that is important but not hazard-related.



CHECK

A level, square or dry-fit check before fastening.

02 Safety Instructions

Follow all safety information in this manual and in the heater and control manuals to avoid serious injury, death or damage to the sauna.



ELECTRICAL

All electrical work must be completed by a licensed electrician in accordance with all applicable codes. Turn off power to the heater at the breaker before installation or maintenance. Failure to do so can result in electrocution or death.



CODES & PERMITS

Refer to local building codes for specific installation requirements. Code compliance, permits and inspections are the responsibility of the customer and installing contractor.

Installation

- Read all instructions before installation and follow them to avoid damage to the sauna.
- Use two or more people to move and lift heavy components.
- Do not alter the sauna in any way unless explicitly instructed in this manual. Alterations may cause structural damage and increase the risk of injury.
- Improper installation of the heater or heater mounting bracket could cause the heater to fall, leading to burns or other injuries.
- Before placing or adjusting heater stones, ensure the heater has cooled to room temperature.
- Only use stones approved for sauna heaters. Unsuitable stones may crack or break apart and cause injury.

Use of the sauna

- Consult a doctor about any health-related limitations before using the sauna. Parents should consult a pediatrician before allowing children to use the sauna.
- The sauna is not intended for use by persons with reduced physical, sensory or mental capabilities, or lack of experience, unless supervised or instructed by a person responsible for their safety.
- Do not use the sauna under the influence of alcohol, medication or drugs, and do not smoke or exercise in the sauna.
- Limit sessions to 30 minutes. The sauna should not be used as an endurance test.
- Never sleep in a heated sauna.
- Never place combustible material (towels, clothing, wooden buckets or ladles) on or over the heater. Do not use the sauna to dry clothes or towels.



BURNS & SLIPS

Keep occupants away from the heater when hot; stones and outer surfaces can burn skin. Do not throw excessive water on the stones or any water directly on the elements. Benches and floors may be slippery.

Hyperthermia occurs when the body's internal temperature rises several degrees above normal 98.6 °F. Symptoms include increased body temperature, dizziness, lethargy, drowsiness and fainting. Leave the sauna immediately if symptoms occur.

WHAT'S INCLUDED

03 Scope & Kit Contents

Harvia Custom Cut is a millwork kit. Harvia supplies the sauna interior; the room, rough-ins and utilities are provided by others.

SCOPE ITEM	RESPONSIBILITY	NOTES
Wall and ceiling framing, 2×4 blocking	BY OTHERS	Section 04
Finished, level, nonporous floor	BY OTHERS	Flooring is not included
Electrical rough-in and all wiring	BY OTHERS	Licensed electrician only
Light bar outlets, outside the sauna	BY OTHERS	One 110–120 V outlet per light bar
Ventilation design, ductwork, exterior grille	BY OTHERS	Per heater manual
Insulation	BY OTHERS	Unfaced batts recommended
Codes, permits, inspections	BY OTHERS	Customer and contractor
Foil vapor barrier	HARVIA	Installed by contractor
Wall and ceiling T&G, trim, benches, backrests	HARVIA	Precut and labeled
Sauna heater and Fenix control	HARVIA	As quoted; digital heaters include Fenix
Pre-hung sauna door	OPTIONAL	Sold separately

Supplied by Harvia

- ☐ Wall and ceiling tongue & groove (T&G), bundled and labeled
- ☐ Bench(es) and 2×4 bench supports
- ☐ Backrest(s)
- ☐ Under-bench LED light bar with inline switch and power supply, one per bench
- ☐ Trim for all wall and ceiling joints
- ☐ Sliding vent cover
- ☐ Foil vapor barrier
- ☐ Hardware bag
- ☐ Sauna heater, with Harvia Fenix control for digital heaters
- ☐ *Optional:* bench skirts, vertical bench braces, pre-hung door and door hardware

Not included

- ☐ Wall and ceiling framing; insulation
- ☐ 1-3/4" or 2" galvanized or stainless steel finishing nails
- ☐ Ductwork and materials for ventilation; exterior vent grille
- ☐ Electrical components not included with the heater, control or lighting
- ☐ Finished flooring
- ☐ Foil tape and cable concealer (optional)
- ☐ Materials to install the optional pre-hung door

Tools required

 Hammer & nail set nailer recommended	 Drill / driver	 Rubber mallet	 Tape measure	 Level	 Square
 Hand saw & miter box or miter saw	 Table saw	 Jig saw	 Stapler	 Ladder	 Hand sander for blemishes & touch-ups

04 Site Preparation

Framing, base plate and ceiling structure must be complete, square and level before any Harvia components arrive on site. All Custom Cut measurements are taken stud to stud from this framed space.

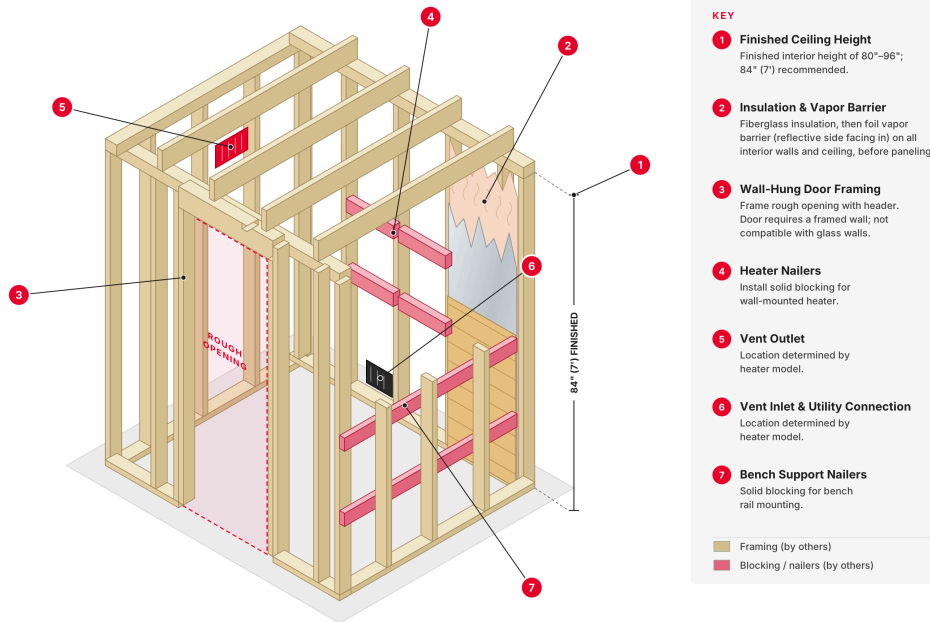
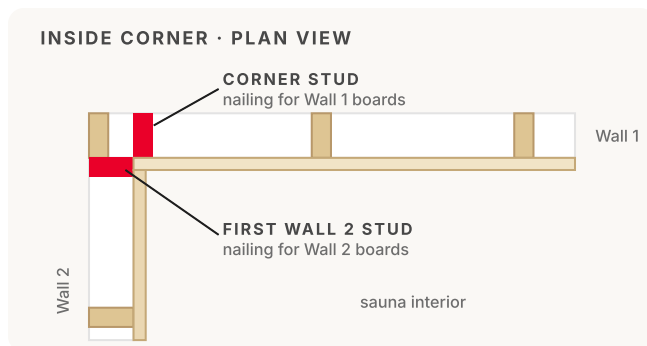


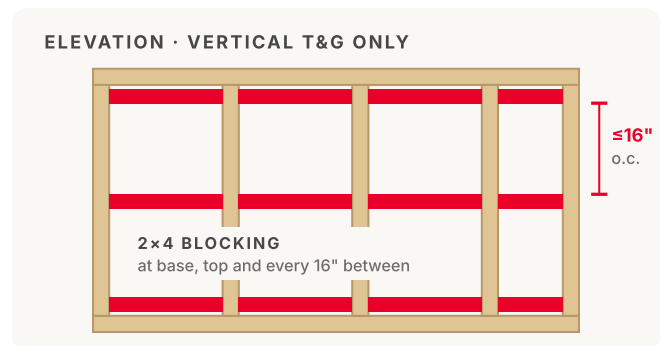
FIG. 4.1 Sauna room framing reference. Final requirements vary by heater model and room design.



STEP 4.1

Wall Framing

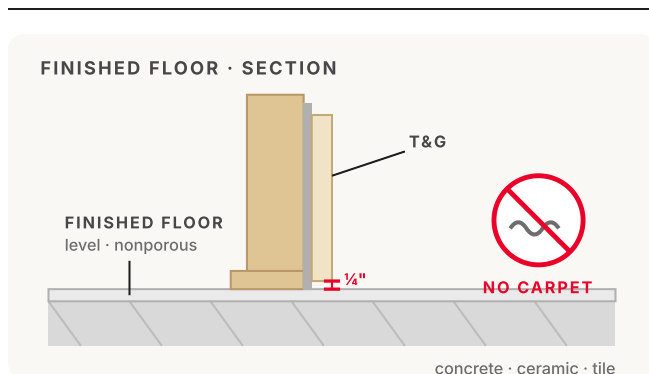
- 2×4 studs at **16" on center**, with top and bottom plates, built on the finished floor.
- Place a stud on both sides of every corner for T&G nailing.
- Against masonry, frame with 2×4s or, at minimum, vertical 2×2 furring strips.
- Add blocking for wall-mounted heaters and bench supports where shown on your drawings.



STEP 4.1 · VERTICAL T&G

Horizontal Blocking

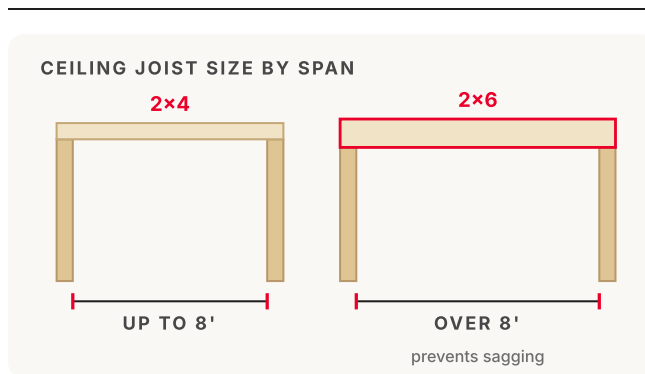
- Vertical boards nail into blocking, not studs.
- Install 2×4 blocking between studs at the base, the top, and at least every 16" in between.
- Not required for horizontal T&G.



STEP 4.2

Finished Floor

- The sauna is built on a **finished, level, nonporous floor** such as concrete, ceramic or tile.
- **Do not install on carpet.** Flooring is not included.



STEP 4.3

Ceiling Framing

- Frame the ceiling in 2x4s. For spans over 8', use **2x6s**.
- Ceiling framing is the same for horizontal and vertical T&G.

FINISHED INTERIOR HEIGHT

84" (7') recommended · 96" (8') maximum

Heat rises. A properly sized room keeps heat at bather level, lets the heater work efficiently and helps prevent premature element burnout.

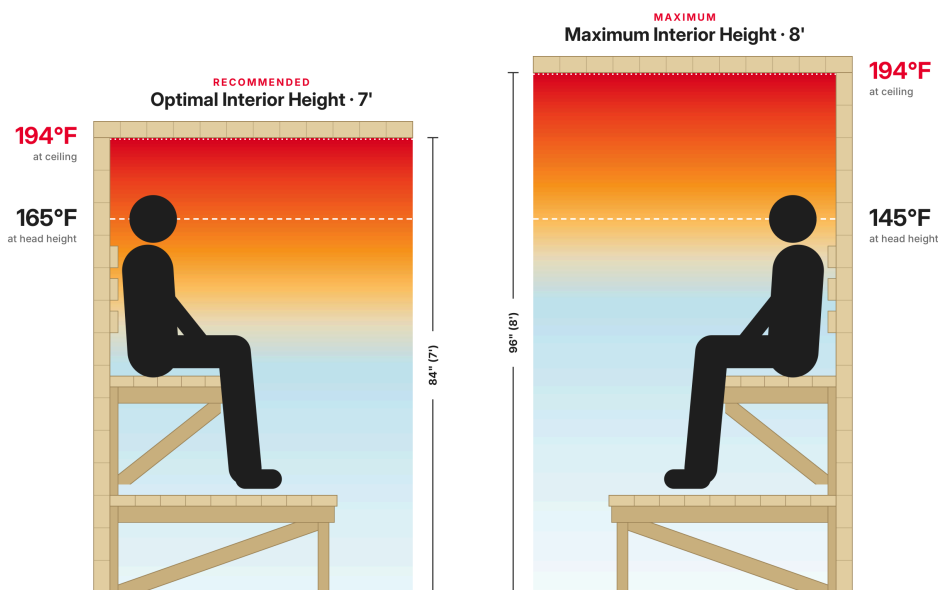


FIG. 4.2 Interior height comparison, drawn to scale. Temperatures are illustrative and vary by heater, room volume and ventilation.

05 Wall Layout & Door Opening

Walls are identified A through D, with Wall D as the door wall. Confirm the framed dimensions match your approved Custom Cut drawings before proceeding.

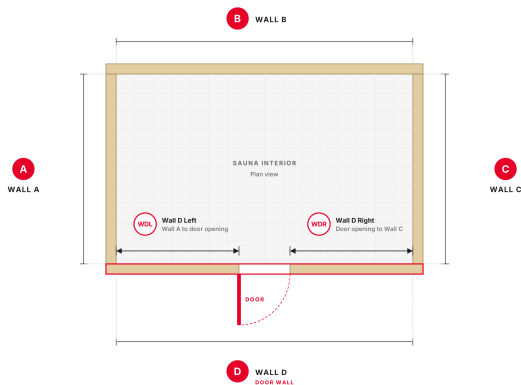


FIG. 5.1 Wall identification. WDL and WDR locate the door opening on Wall D.

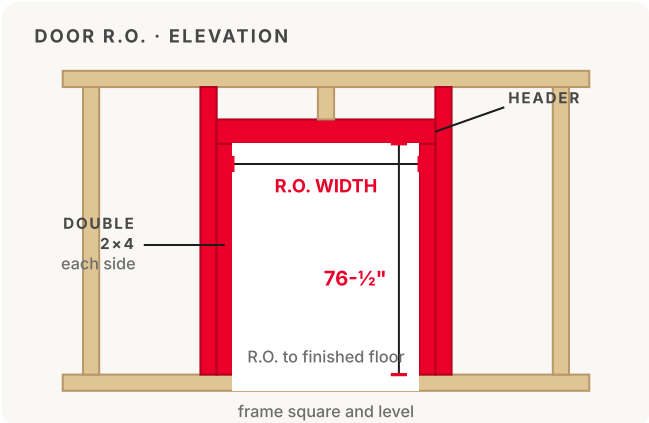


FIG. 5.2 Rough opening for the optional Harvia pre-hung door.

STEP 5.1

Door Rough Opening OPTIONAL DOOR

If your project includes a Harvia pre-hung door, frame the R.O. with **double 2×4s** to the size below.

DOOR	ROUGH OPENING	FRAME SIZE
24"	32" × 76-1/2"	31-1/2" × 76-1/4"
30"	38" × 76-1/2"	37-1/2" × 76-1/4"
36"	44" × 76-1/2"	43-1/2" × 76-1/4"

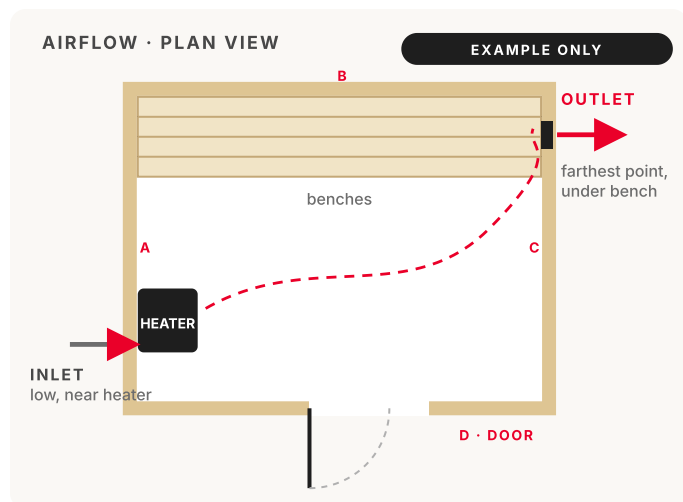
- The door ships in a **complete 2×6 frame, including the bottom**, and sets on the finished floor.
- The 2×6 frame allows for T&G inside and 1/2" drywall or other finish outside.
- The door is wall-hung and needs a framed wall; it cannot go in a glass wall.
- **Door by others:** frame the R.O. to the door measurements provided at the time of order.



FIG. 5.3 Harvia pre-hung sauna door, shipped in a complete frame.

06 Ventilation & Electrical Rough-In

Each heater has its own ventilation and electrical requirements. Always follow the installation manual for the heater supplied with your kit.



STEP 6.1

Ventilation

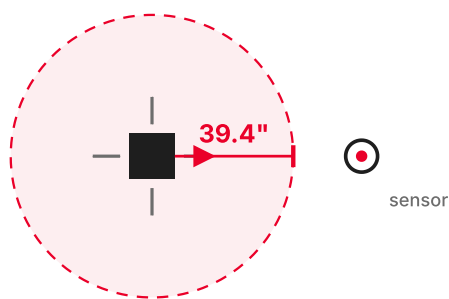
- Inlet and outlet size and placement are set by the **heater model**. The outlet location is called out on your **Custom Cut sauna drawing**, based on the heater's recommended location.
- Typical layout: inlet low near the heater, outlet at the farthest point of the room.
- Ventilation design, ductwork and exterior grille are by others.
- The outlet opening is cut during T&G installation and finished with the supplied sliding vent cover (Sections 08–10).



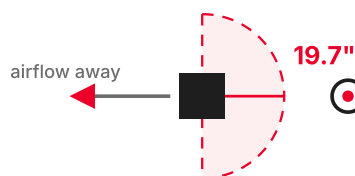
SENSOR CLEARANCE

Mount the heater temperature sensor where the **heater specifications** require. Airflow cools the sensor and can cause the heater to overheat, so keep it at least the distance shown from any air vent.

OMNIDIRECTIONAL VENT

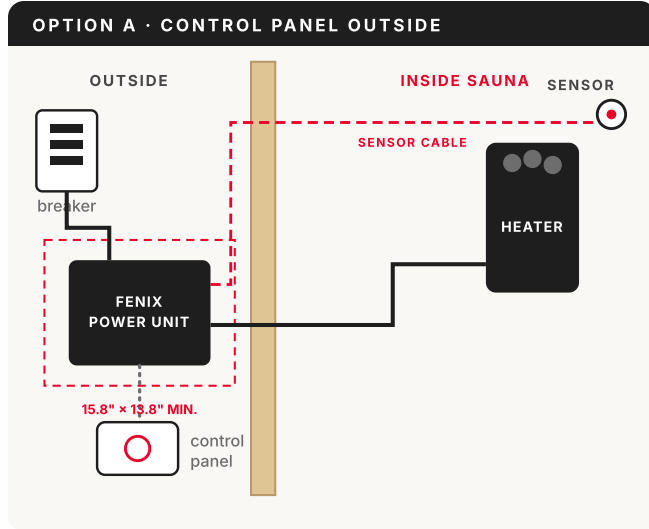


VENT DIRECTED AWAY FROM SENSOR

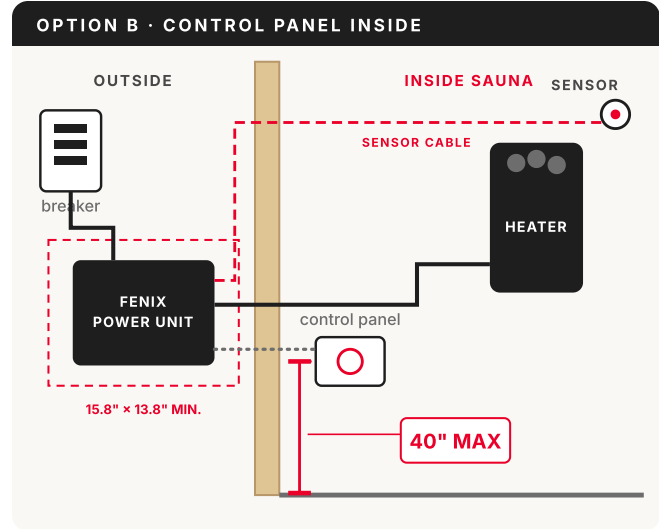


STEP 6.2

Electrical Rough-In **LICENSED ELECTRICIAN**



Control panel and power unit both outside the sauna.



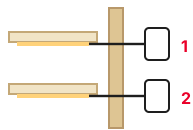
Control panel inside, no higher than 40". Power unit stays outside.

FIG. 6.1 Two Fenix layouts. The power unit (relay box) is always outside the sauna. Locations, wire sizes and breaker per the Fenix control manual and heater instructions. Red dashed: sensor cable, run separate from mains.

- Rough in after framing, **before insulation and T&G**.
- Follow the heater and Fenix manuals for wiring, breaker and wire size.
- Use silicone cable rated to 300 °F to connect the heater and sensors.
- Run the Fenix data cable (RJ10, 80 ft max.) and sensor cable separately from mains wiring.
- Provide **one 110–120 V outlet per light bar**, outside the sauna (see below).

Harvia Fenix Components

- **Power unit (relay box):** always outside the sauna. Never mount it inside. Place it in an accessible, ventilated, climate-controlled area near the heater location. Surface-mount (do not recess) and allow at least 15.8" × 13.8".
- **Control panel:** inside or outside the sauna. Inside, mount it no higher than 40" above the floor.
- **Temperature sensor:** inside the sauna, at the location in the heater instructions.
- Always follow the **Fenix control manual** and **heater instructions** for all three.



PLAN LIGHT BAR OUTLETS NOW

Each bench ships with its own light bar, and every light bar needs **its own 110–120 V outlet outside the sauna**, near where its cord exits the wall. Count the benches, and rough in one outlet for each before the walls are closed. Light bars cannot share an outlet or connect to the Fenix control (see Step 13.2).



KEEP THE ELECTRICIAN'S INVOICE

A copy of the invoice from the licensed electrician who performed the work is required for any heater or control warranty claim.

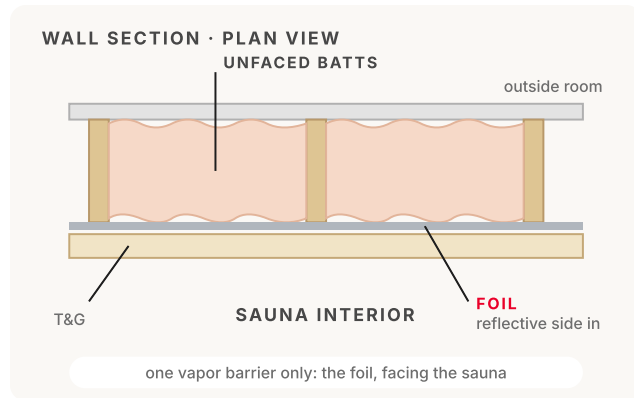


BEFORE CLOSING IN

All electrical, sensor and data cables in place and labeled · one outlet per light bar outside the sauna · vent outlet marked per the sauna drawing · rough-in inspected if required by local code.

07 Insulation & Vapor Barrier

Once framing and electrical rough-in are complete, insulate the walls and ceiling, then install the supplied foil vapor barrier.



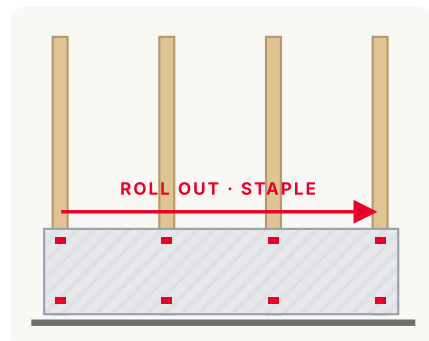
STEP 7.1 BY OTHERS

Insulation

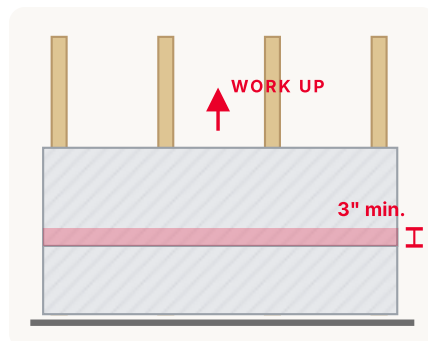
- Insulate between studs in the walls and ceiling. Always follow local building codes.
- **Unfaced fiberglass batts** are recommended to avoid a double vapor barrier, which can trap moisture.
- If faced insulation is used, install it with the faced side toward the room.

STEP 7.2 HARVIA

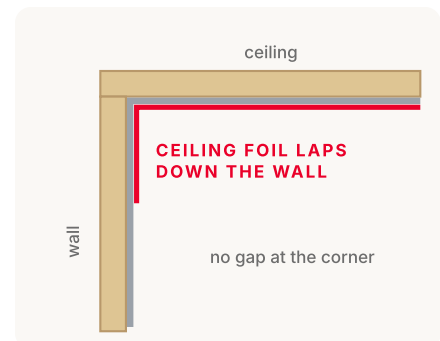
Foil Vapor Barrier



- 1 Start at the bottom. Roll the foil out horizontally, **reflective side facing in**, and staple to the studs.



- 2 Work upward, lapping each pass **over** the one below. A 3" minimum overlap is recommended.



- 3 Cover the ceiling the same way, **overhanging onto the walls** so there is no gap at the corner.
- 4 Optional: tape seams with foil tape (not included).



BEFORE CLOSING IN

Confirm all electrical, sensor and data cables are in place and labeled, and the vent outlet location is marked per the Custom Cut sauna drawing.

08 Wall T&G · Horizontal

Use this section if your kit was ordered with horizontal wall boards. For vertical boards, skip to Section 09.



Tongue faces up



Galvanized or stainless nails

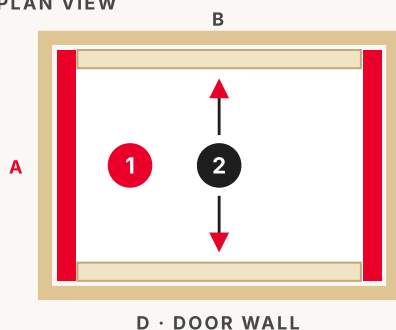


Nail set when hand nailing



Lay out boards to blend color

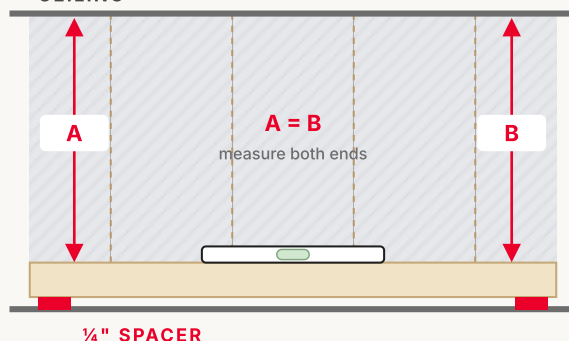
PLAN VIEW



1 SIDE WALLS
full depth

2 FRONT &
BACK
fit between

CEILING



STEP 8.1

Side Walls First

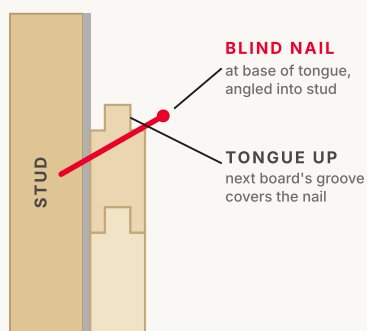
- Install side Walls A and C first, full depth.
- Walls B and D are cut to fit between them. Corner gaps are covered by corner trim.

STEP 8.2

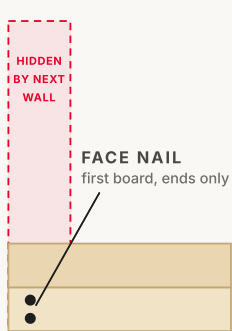
Set & Level the First Board

- Set the first board **1/4" off the floor** on spacers.
- Measure to the ceiling at both ends. Both must match; every board above follows this one.
- Sloped floor: taper the bottom board to keep courses level.

SECTION · SIDE VIEW



FIRST BOARD · FRONT



STEP 8.3

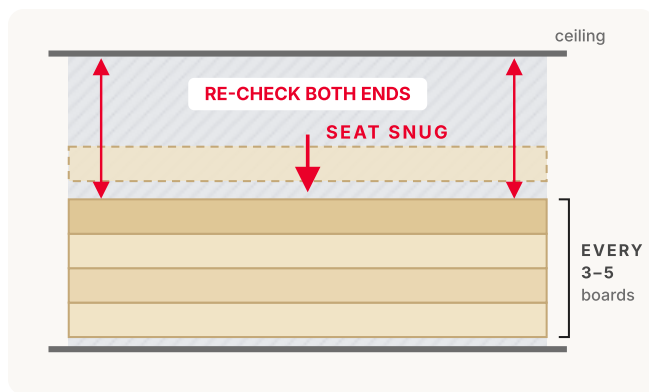
Nail the Boards

- **First board only:** face nail through both ends, close to the corner, where the adjoining wall will cover the nails.
- **Every board:** blind nail through the tongue into every stud.
- A pneumatic nailer is recommended. If hand nailing, countersink with a nail set so the next board seats fully.



SENSOR CABLE

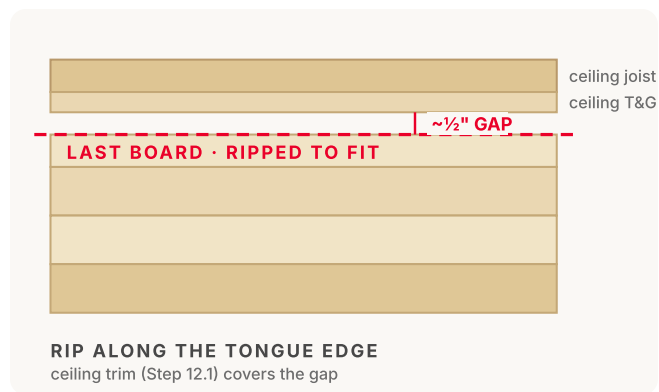
On the heater wall, drill or notch the tongue to route the sensor cable out near the power unit. A cable concealer (not provided) can cover the run.



STEP 8.4

Stack & Check

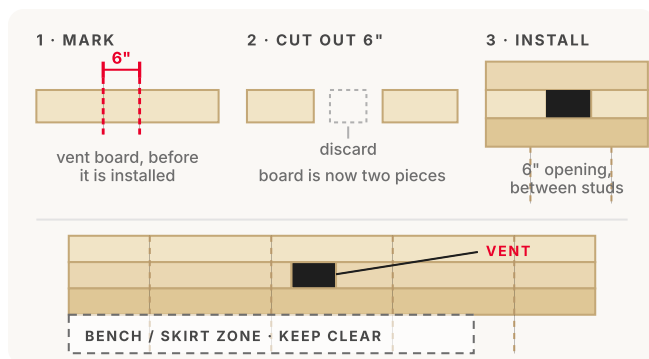
- Seat each board snug and flush on the one below, then blind nail.
- Every 3–5 boards, measure to the ceiling at both ends to confirm courses are still level.



STEP 8.5

Rip the Last Board

- At the ceiling, rip the last board on the table saw to leave about a **1/2" gap**.
- The ceiling trim (Step 12.1) covers the gap.



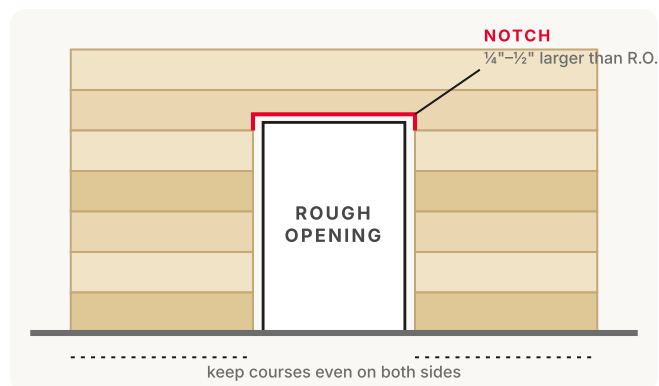
STEP 8.6

Cut the Vent Opening

- 1 When you reach the vent outlet location shown on your sauna drawing, mark a **6" section** on the board that falls between two studs.
- 2 Cut that section out, leaving two shorter pieces.
- 3 Install both pieces as normal, leaving a 6" opening one board high. Keep it clear of benches and skirts. The sliding vent cover goes here in Section 10.

VENT LOCATION

Per your **Custom Cut sauna drawing**, based on the heater's recommended location. Do not relocate on site.



STEP 8.7

Notch at the Door (Wall D)

- Keep courses even on both sides of the door; a full-length board makes a good guide.
- At the top of the rough opening, notch the board **1/4"–1/2" larger than the R.O.** R.O. trim covers any gap.



CHECK BEFORE MOVING ON

All boards seated and level · face nails hidden at corners · 6" vent gap in place · R.O. notch clears the door frame.

09 Wall T&G · Vertical

Use this section if your kit was ordered with vertical wall boards. Vertical boards nail into the 2×4 blocking installed in Step 4.1.



Tongue left or right



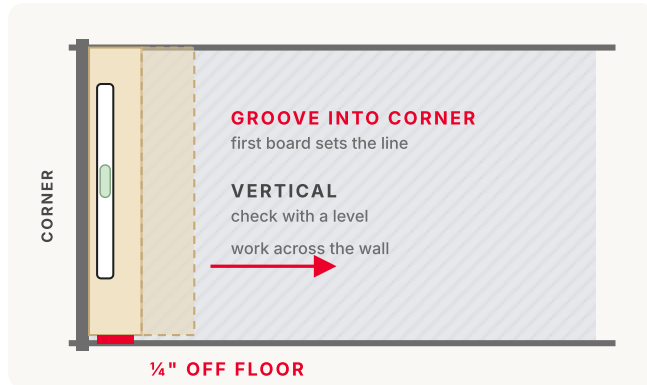
Galvanized or stainless nails



Nail set when hand nailing



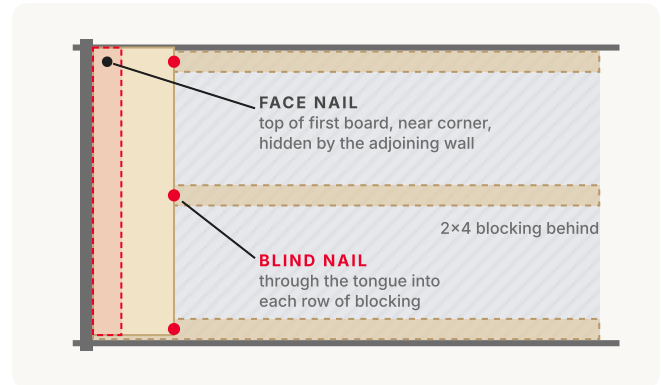
Lay out boards to blend color



STEP 9.1

Start in a Corner

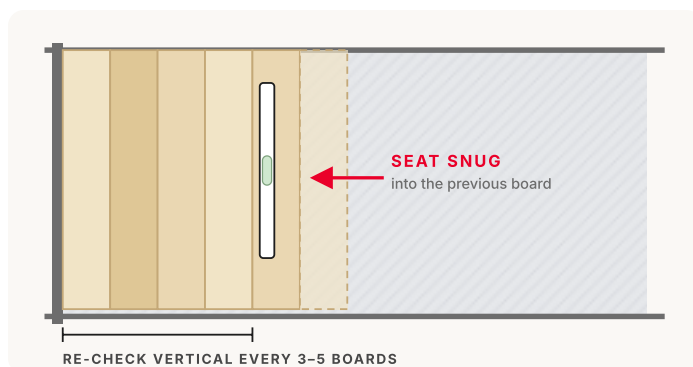
- Choose a starting corner and work your way around the sauna.
- Set boards **1/4" off the floor**. Place the groove edge of the first board into the corner and check it is **perfectly vertical** with a level; every board after takes its line from this one.



STEP 9.2

Nail the Boards

- **First board only:** face nail through the top, near the corner edge, where the adjoining wall will cover it.
- **Every board:** blind nail through the tongue into each row of horizontal blocking.

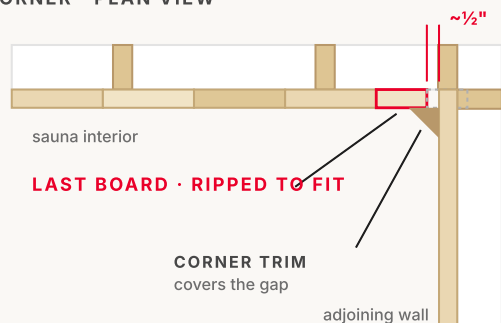


STEP 9.3

Work Across & Check

- Seat each board snug and flush against the previous one and nail the same way.
- Every 3–5 boards, check with a level that the boards are still vertical.
- Boards are cut slightly undersized for easier fitting; adjoining walls and trim cover the gaps.

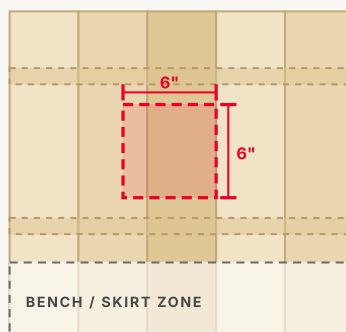
CORNER · PLAN VIEW



STEP 9.4

Rip the Last Board

- At the end of each wall, rip the last board to fit, leaving about a **1/2" gap** at the corner.
- Corner trim covers the gap.



- 1 **MARK 6" x 6"** at the location on the sauna drawing
- 2 **CHECK CLEARANCE** clear of blocking, benches and skirts
- 3 **CUT OUT** router or jig saw, once the wall is done

dashed tan: blocking behind

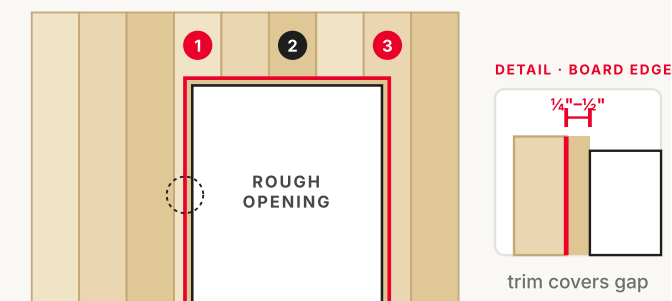
STEP 9.5

Cut the Vent Opening

- 1 When the wall boards reach the vent outlet location shown on your sauna drawing, mark a **6" x 6" cutout**.
- 2 Make sure it is clear of blocking, benches and bench skirts.
- 3 Once the wall is complete, cut out the marked section with a router or jig saw. The sliding vent cover goes here in Section 10.

VENT LOCATION

Per your **Custom Cut sauna drawing**, based on the heater's recommended location. Do not relocate on site.



STEP 9.6

Door Wall (Wall D)

- 1 Notch the board at the side of the rough opening so it stops **1/4"–1/2" back from the R.O. edge**.
- 2 Use shorter boards across the top, ending **1/4"–1/2"** above the R.O.
- 3 Notch the board on the other side the same way. R.O. trim covers the gap.



SENSOR CABLE

On the heater wall, drill or notch the tongue to route the sensor cable out near the power unit.



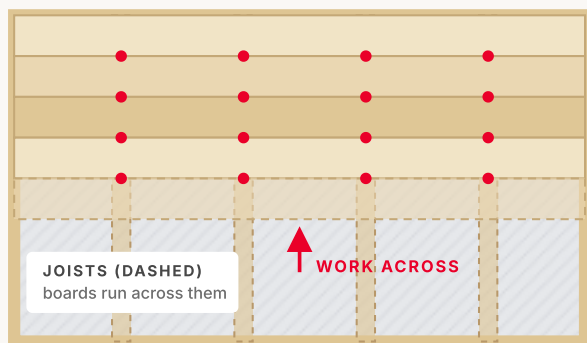
CHECK BEFORE MOVING ON

All boards seated and vertical · face nails hidden at corners · vent opening in place · R.O. notches clear the door frame.

10 Ceiling & Air Outlet

Once all walls are installed, install the ceiling T&G, then finish the air outlet with the sliding vent cover.

LOOKING UP · CEILING



● blind nail through the tongue at every joist

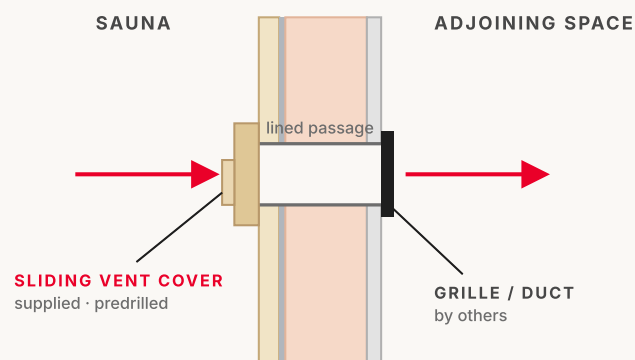
STEP 10.1

Ceiling T&G

- 1 Unless your drawings note otherwise, run ceiling boards **perpendicular to the joists**.
- 2 Mark the joists and blind nail through the tongue into every joist, as on the walls.
- 3 Rip the last board to fit. Up to a 1/2" gap at the wall is fine; it sits above the wall boards.

i Ceiling-mounted heater sensor? Confirm its location per the heater and Fenix manuals before closing the ceiling.

SECTION THROUGH WALL



STEP 10.2

Air Outlet & Sliding Vent Cover

- 1 Cut through the wall at the opening left during T&G installation, at the outlet location on your sauna drawing, sized per the heater manual.
- 2 Connect the opening to the adjoining space or ductwork per the heater manual. Ductwork, flashing and exterior grille are by others.
- 3 Install the supplied sliding vent cover over the opening, fastening through the predrilled holes.

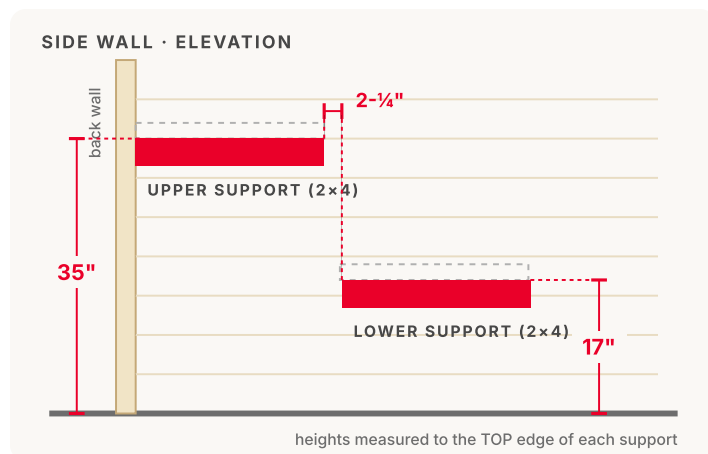


VENTILATION IS HEATER-SPECIFIC

Inlet and outlet sizes, locations and the number of air exchanges vary by heater model. Do not size or place openings from this manual alone.

11 Benches, Backrests & Skirts

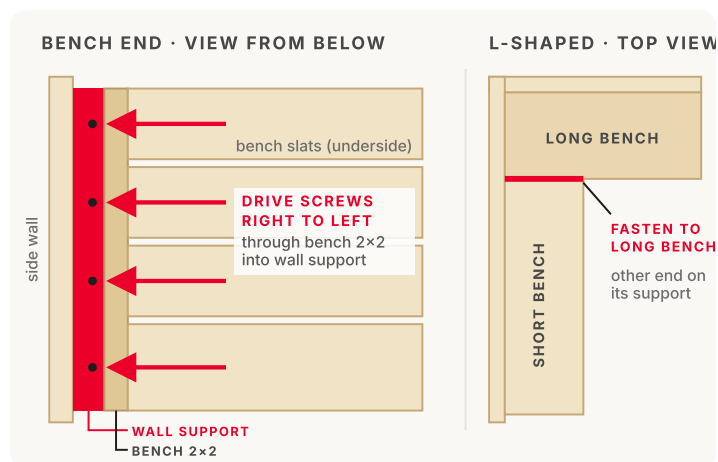
Supports, benches and backrests are predrilled. Install supports level and secure, and fasten with the stainless steel screws provided.



STEP 11.1

Bench Supports

- 1 **Upper:** mark 35" from the floor for the top edge of the 2×4 support. Place it against the back wall, extending forward.
- 2 **Lower (if included):** mark 17" for its top edge. Its back edge sits 2-1/4" in front of the upper support's front edge. Adjust to avoid interferences.
- 3 Level each support and fasten through the predrilled holes. With vertical T&G, keep holes off board joints.



STEP 11.2

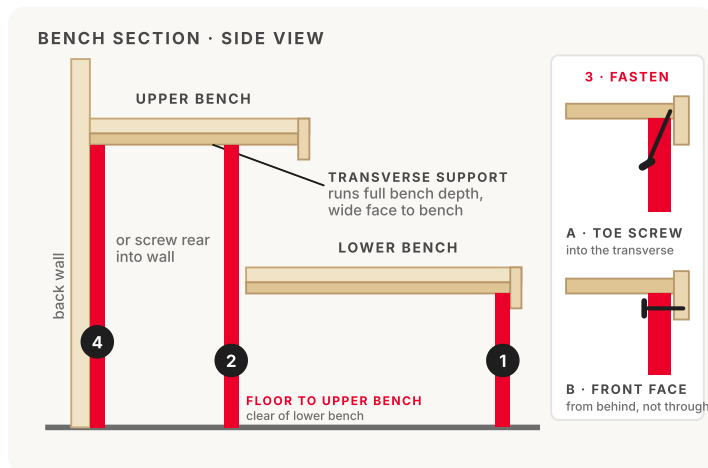
Install Benches

- Set each bench on its supports. Predrill four holes through the bench 2×2 at each end, clear of the support's own screws.
- Drive the screws **from inside the bench toward the wall**, through the 2×2 into the wall support.
- **Upper benches:** also drill through the 2×4 against the wall every 12"–16" and fasten to the wall.
- **L-shaped (if applicable):** fasten the long bench first. Fasten one end of the short bench to its support and the other to the front of the long bench. Dry fit before final fastening.
- **Lower bench:** may be recessed slightly under the upper bench if desired. Each bench is fastened to its own supports; benches are only fastened to each other in an L configuration.



ADJUSTING HEIGHTS

For ceilings higher than recommended, benches may be raised 1"–2". In small rooms with a single bench, bench height may be lowered slightly for ease of use.



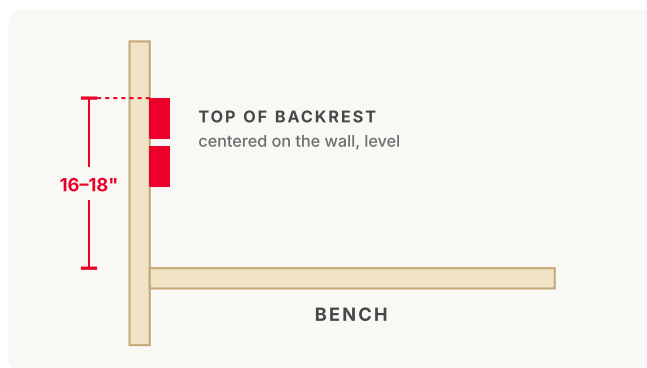
STEP 11.3

Vertical Braces IF INCLUDED

Install braces **after the benches**. Each brace stands under a transverse support and keeps long benches from sagging.

- 1 Lower bench:** measure from the floor to the underside of the transverse support, just behind the front face. Cut and dry fit.
- 2 Upper bench, front:** measure from the floor to the underside of the upper transverse support, just behind the lower bench. **Never rest it on the lower bench;** each bench carries its own load to the floor.
- 3 Fasten:** toe screw the brace into the transverse support, or screw into the back of the bench front face. Do not let screws come through the front.
- 4 Upper bench, rear:** install a brace from the floor up, or skip it and screw the rear of the bench into the wall.

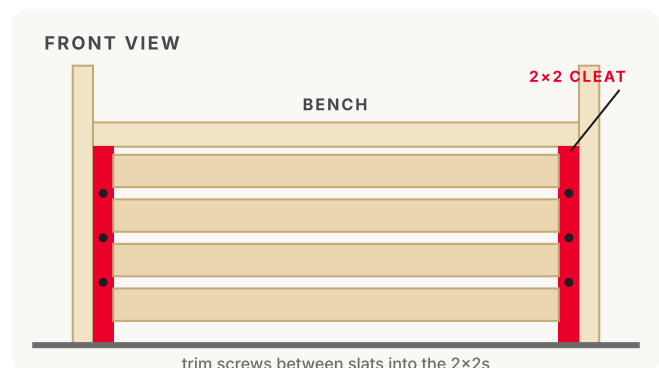
Recommended method; braces may be installed in another order to suit the site.



STEP 11.4

Backrest

- Center the backrest on the wall about **16"-18"** from the top of the bench to the top of the backrest.
- Level, then fasten through the predrilled holes.



STEP 11.5

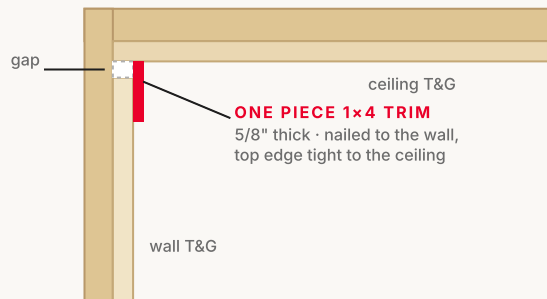
Bench Skirts OPTIONAL

- Fasten the supplied 2x2s to the wall with 2" screws.
- Set the skirt against the 2x2s and fasten between slats with the supplied trim screws.
- L configurations: attach a 2x2 to the front of the long skirt for the short skirt.

12 Trim & Door

Trim is supplied long and cut to length on site. Install with galvanized finishing nails. Butt joints are simplest; corners may also be mitered.

WALL-TO-CEILING · SECTION

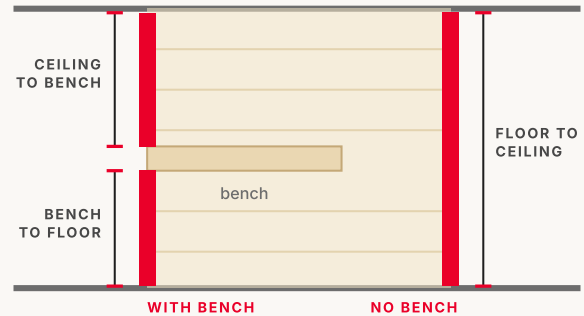


STEP 12.1

Ceiling Trim

- One piece of 1×4 trim (5/8" thick) is supplied for each wall-to-ceiling joint.
- Cut to length and nail to the wall with the top edge tight to the ceiling. It covers the gap above the last wall board.

CORNER TRIM · BACK WALL

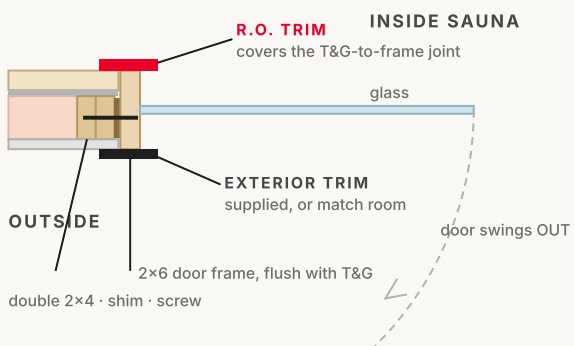


STEP 12.2

Corner Trim

- No bench: measure floor to ceiling.
- With a bench: measure ceiling to bench, and below the bench to the floor. Cut and nail.

DOOR JAMB · PLAN SECTION



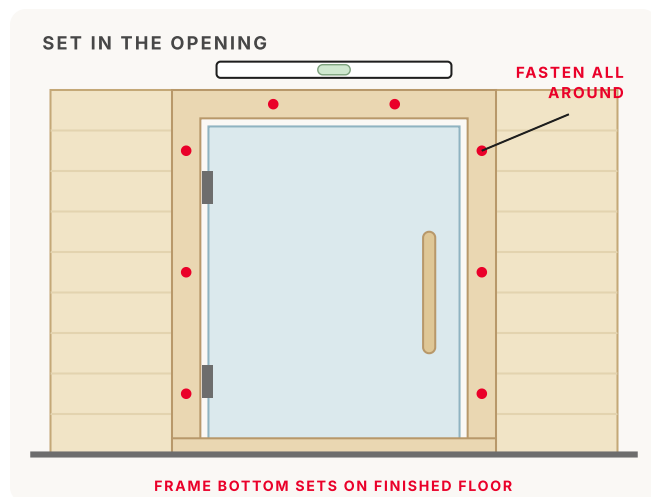
STEP 12.3

Rough Opening Trim

- Cut R.O. trim to cover the joint between the T&G and the door frame, and fasten to the 2×6 frame inside the sauna.
- Exterior trim is supplied, or match the trim of the outside room.

STEP 12.4

Pre-Hung Door IF INCLUDED



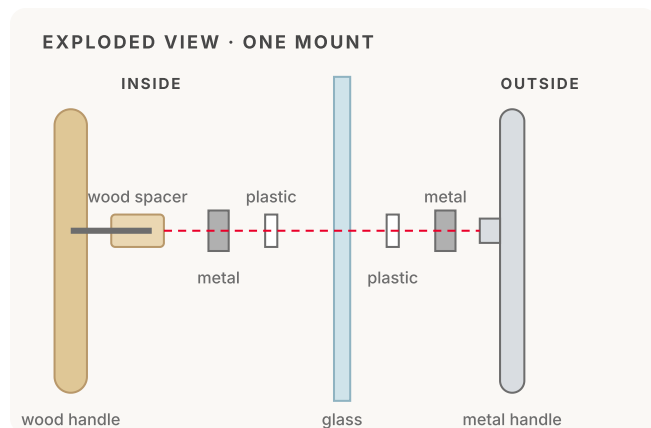
- 1 The door is built with the hinge side on your order and **must swing out** of the sauna.
- 2 Remove any shipping supports. The frame includes the bottom and sets directly on the finished floor.
- 3 Set the door in the R.O. with the interior edge of the frame **flush with the T&G wall**.
- 4 Level and square the door, shimming as needed. Fasten through the 2×6 frame into the double 2×4s, all the way around.
- 5 Remove remaining shipping supports. Fill fastener holes with putty or cover with trim.



GLASS HANDLING

Keep glass edges off hard surfaces. Use two people to lift and set the door.

Door Handles



- 1 Wood handle goes inside, metal handle outside. Insert both wood spacers into the wood handle.
- 2 Pass a screw through the handle and spacer, then add a metal spacer and a plastic spacer.
- 3 From inside, push the screw through the **top** hole in the glass. Add a plastic, then metal spacer outside, mate the metal handle and partially tighten.
- 4 Repeat at the bottom hole. Check the handle is straight, then finish tightening. **Do not overtighten.**

13 Heater, Control & Lighting

Install the heater, Fenix control and sensors per their own manuals. This section covers how they tie into the Custom Cut sauna, and how to install the under-bench light bars.



HEATER

Turn off power at the breaker before installing or servicing the heater. Improper installation of the heater or mounting bracket could cause the heater to fall. Allow the heater to cool to room temperature before placing or adjusting stones.

STEP 13.1

Heater & Fenix Control

- Install the heater, heater guard and stones per the heater manual, observing all minimum safety clearances.
- The Fenix **power unit (relay box)** is always **installed outside the sauna**, in an accessible, ventilated, climate-controlled area. The control panel may go inside (no higher than 40") or outside (see Fig. 6.1). Connect the control panel, data cable and heater sensor per the Fenix control manual.
- The temperature sensor ships with the heater. Mount it **inside the sauna**, at the location in the heater instructions.
- The Fenix control connects to the **MyHarvia 2** app over a reliable Wi-Fi connection.

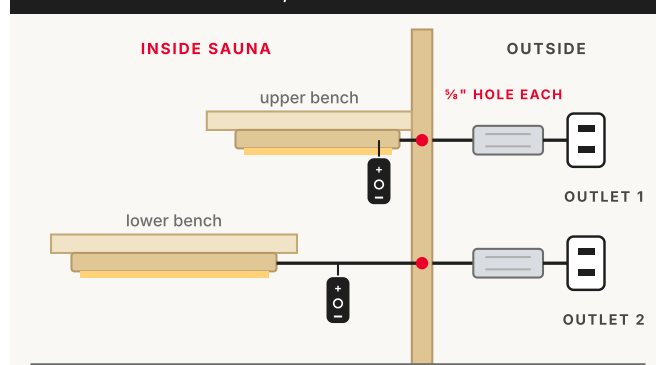
STEP 13.2

Under-Bench Light Bars

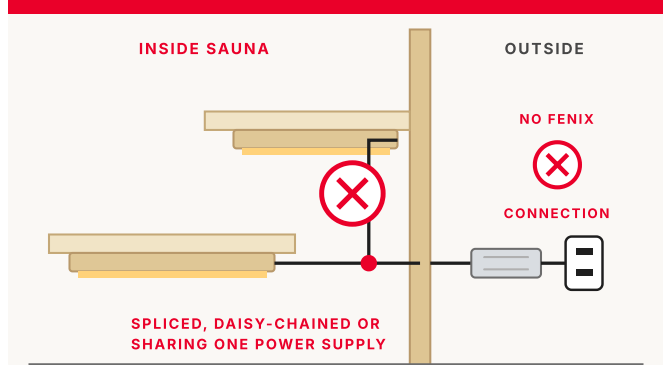
ONE LIGHT BAR PER BENCH · EACH INSTALLED ON ITS OWN

Light bars cannot be joined together. Every bar needs its own exit hole, its own power supply and its own 120 V outlet.

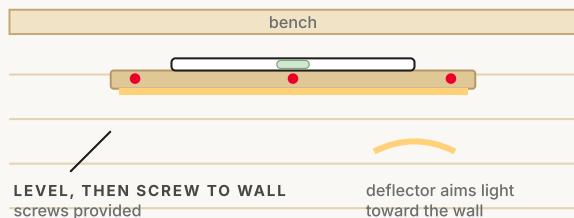
✓ CORRECT · ONE BAR, ONE OUTLET



✗ NOT PERMITTED · BARS JOINED



WALL ELEVATION · UNDER BENCH

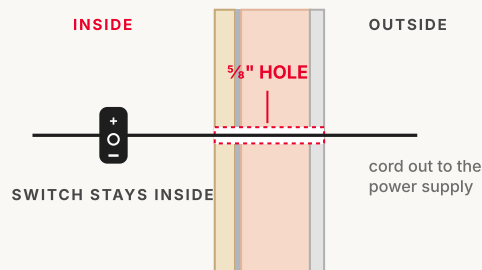


STEP 13.2 · 1

Mount the Bar

- Mount one bar below each bench, on the wall.
- Level the bar, then fasten with the screws provided. The cedar deflector directs light toward the wall.

SECTION THROUGH WALL

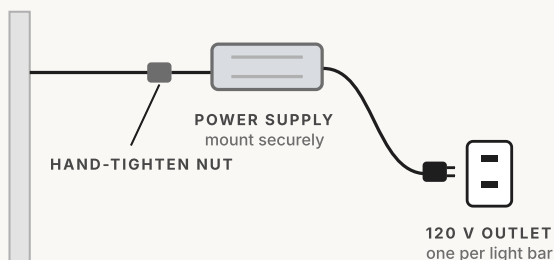


STEP 13.2 · 2

Route the Cord

- Drill a **5/8" hole** through the sauna wall at the cord exit point. Each bar gets its own hole.
- Feed the cord through so the **inline switch stays inside** the sauna.

OUTSIDE THE SAUNA



STEP 13.2 · 3

Connect Outside

- Connect the cord to the power supply and **hand-tighten** the connector nut.
- Mount the power supply on the exterior wall, ceiling or another secure location.
- Plug into a 110–120 V outlet. **One outlet per light bar.**

STEP 13.2 · 4

Operate the Light



ACTION	RESULT
Press once	On / off
Press and hold ~3 sec	Cycle modes: solid, slow strobe, fast strobe
Hold + or –	Adjust brightness

Each bar is switched on and off separately at its own inline switch. Turn lights off when not in use.



DO NOT CONNECT TO THE FENIX CONTROL

Do not wire light bars to the Fenix power unit or control box, and do not splice, join or daisy-chain bars together. **Connecting the light directly to the power box voids the light bar warranty.**



CHECK

One bar per bench · one 5/8" hole, power supply and outlet per bar · switch inside, power supply outside · each bar turns on from its own switch.

COMPLETION

14 Final Check & Care

Before the first use, walk the room with the owner and confirm every item below.

CHECKLIST

Before First Use

- ☐ All boards seated, nailed, level and straight
- ☐ Ceiling, corner and R.O. trim installed
- ☐ Benches and backrests secure; no movement under load
- ☐ Vent cover installed at the outlet location on the sauna drawing; inlet and outlet open
- ☐ Heater sensor mounted per the heater specifications, clear of vents
- ☐ Heater stones loaded per heater manual; nothing combustible on or near the heater
- ☐ Door swings out freely and closes fully (if included)
- ☐ Each light bar turns on from its own inline switch
- ☐ All debris, sawdust and packaging removed
- ☐ This manual, the heater manual, the Fenix manual and the electrician's invoice left with the owner

CARE

Cleaning & Maintenance

- Leave interior wood raw and untreated. Do not apply stains, sealers or other impregnating finishes.
- Clean surfaces with a damp cloth and warm water only. Harsh chemicals can damage the wood and are not covered by warranty.
- Wood is a natural material. Color, grain and knots vary, and the wood may expand, contract or darken over time.
- Keep the vent openings clear.



NATURAL VARIATION IN THE WOOD

Minor dents, divots and gouges can occur in natural lumber. Softer woods may need light hand sanding on site to blend small blemishes; do not use a power sander. A gouge larger than **6" long × 1" wide** qualifies for replacement under the finish and material guidelines of the Custom Cut Limited Warranty. Report it to your dealer.

WOOD

Your Lumber Selection

LUMBER	CHARACTER
Hemfir	Light, uniform tone with a clean, contemporary look.
Rustic Cedar	Natural knots and warm color variation; classic cedar aroma.
Clear Cedar	Premium grade with a refined finish, minimal knot appearance and cedar aroma.
Thermally Modified Hemlock	Rich, warmer tone; heat-treated for added stability.

All Custom Cut lumber is 1-1/4" thick.



SUPPORT & WARRANTY

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