

Euro Outdoor Series Owner's Manual



*Actual sauna may vary from image displayed

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Read all instructions carefully before installation including instructions packaged separately with the sauna heater. Please leave all instructions and warranty with the owner.

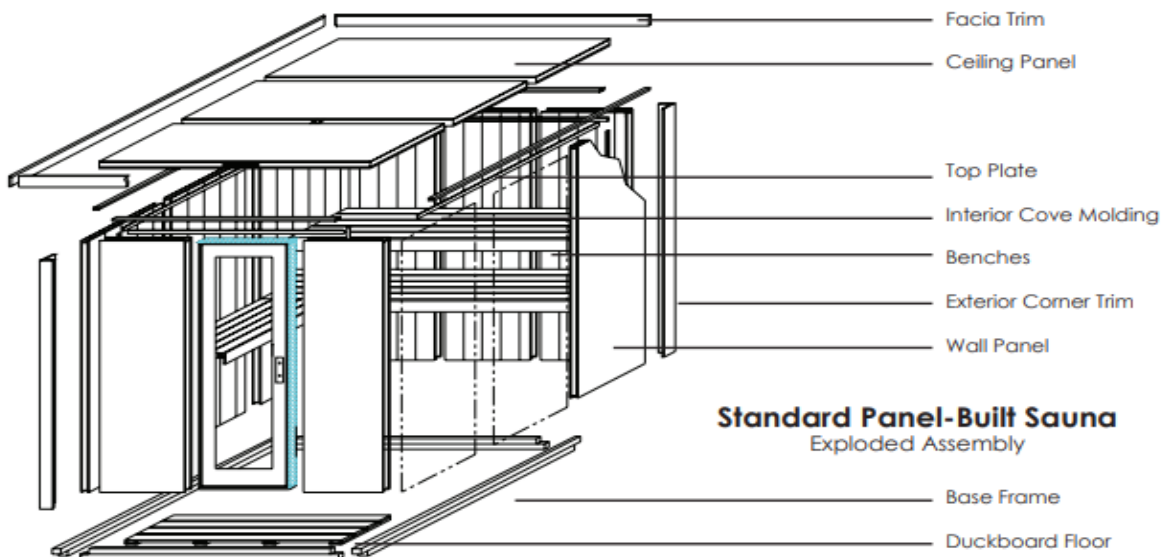
WARNING: When using electrical sauna heaters and associated sauna products, basic precautions must be followed, including the following:

1. Grounding is required.
2. No electrical receptacle shall be installed in the sauna room.
3. Be sure rocks are placed in the heater according to the Heater Installation and Operation Instructions.
4. Do not tamper with the door or install a latching or locking system. Malfunction of which may cause entrapment inside the heated room.
5. Do not block ventilation openings. Vents must be kept free of obstruction so proper airflow is maintained in the sauna room.

WARNING: The use of alcohol, drugs, or medication can increase the risk of fatal hyperthermia.

WARNING: Prolonged exposure to elevated temperatures is capable of inducing hyperthermia. Hyperthermia occurs when the internal temperature of the body reaches several degrees above the normal body temperature of 98.6°F. The symptoms of hyperthermia include an increase in the normal temperature of the body, dizziness, lethargy, drowsiness, and fainting. The effects of hyperthermia include failure to perceive heat, failure to recognize the need to exit the room, unawareness of impending hazard, fetal damage in pregnant women, physical inability to exit the room and unconsciousness.

CAUTION FIRE HAZARD: Do not use the sauna room for drying clothes, bathing suits, etc. Do not hang towels above the heater or place any object, other than the rocks supplied, in the heater. If any darkening of the wall around the heater is noticed, discontinue sauna use immediately.



Standard Panel-Built Sauna
Exploded Assembly

Note: Base rail, top rail and trim are all labeled.

*Parts depicted in the diagram will differ between models

● WARNING!

The raw wood exterior of this sauna MUST be sealed with an approved exterior coating immediately! Exposure to rain in the “raw” state can permanently damage the wood and void your warranty!

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Rev A

Euro Outdoor Sauna Coating Recommendations					
Wood Species	Product	Brand	Water vs. Oil	Supplier	Additional Comments
Western Red Cedar	Paint	Duration	Water based	Sherwin Williams	Self-Priming
		Emerald	Water based	Sherwin Williams	Self-Priming
		Pittsburgh Paramount	Water based	Various	Self-Priming
	Stain	Storm	Oil based	Hirshfield’s	Requires “storm” primer. Variations of tones/colors
		Sikkens Cetol Log and Siding	Oil based	Various	Transparent



Tip: Paint/Stain exterior cove trim prior to installation.

Note: A natural characteristic of wood is to shrink over time. You may need to apply a second coat of paint or sealer. Follow selected paint or stain manufacture maintenance and reapplication schedule.

Receiving Shipment

Upon delivery remove shrink wrapping material and inspect all boxes and exposed components for damages during shipping. If any damage is found, you must notify the delivering carrier immediately.

A few minutes with the following instructions will ensure quick and proper assembly, and many years of enjoyment and relaxation. By reviewing all the instruction steps ahead of time, you will have a better feel for the entire process.

Your sauna package will arrive on a stretch-wrapped pallet including a stack of prebuilt panels, benches, and boxes with the heater and accessories.



Hardware Package

- Bag of 1 1/2" screws
- Bag of 3" Screws
- Torx Bit
- 2 Carriage Bolts w/ Washer and nut.
 - * Screws are specially coated to not react with cedar or pressure treated wood.

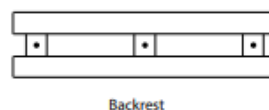
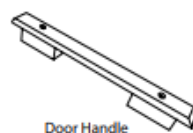
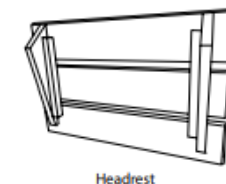
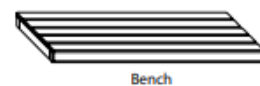
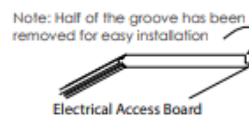
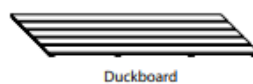


Tools Required

- Hammer or brad nailer
- Handsaw or miter box (trim molding installation)
- Cordless Drill
- Tape measure
- Square
- Level
- 3/8" wood bit (if sauna has an L-bench)
- Torx bit (provided)
- Shims
- Phillips screwdriver
- Finishing Nails
- 100% Silicone caulking

Accessories

Styles may vary based on room interior selection.



Trim Profiles



Cove Molding



Window/Door Casing
(normally pre-installed)



Inside Corner Molding



Exterior Fascia Trim



Eve Trim/ Exterior
Corner Molding

Warning

Drilling, sawing, sanding or machining cedar wood products can expose you to wood dust, a substance known to the State of California to cause cancer. Avoid inhaling wood dust or use a dust mask or other safeguards for personal protection. For more information go to www.P65Warnings.ca.gov/wood. Doc # 71-0147

INSTALLATION OF SAUNA ROOM

All wall panels will be numbered at the top and should be visible from the interior of the room. These numbers will coincide with the numbers on the base frame. NOTE: The tongue and groove on the panels will always face the same direction

- EACH PANEL IS HEAVY. USE CAUTION TO AVOID INJURY WHEN INSTALLING, ESPECIALLY THE ROOF PANELS.
- TWO ADULTS ARE REQUIRED FOR THE INSTALLATION OF SAUNA ROOM.

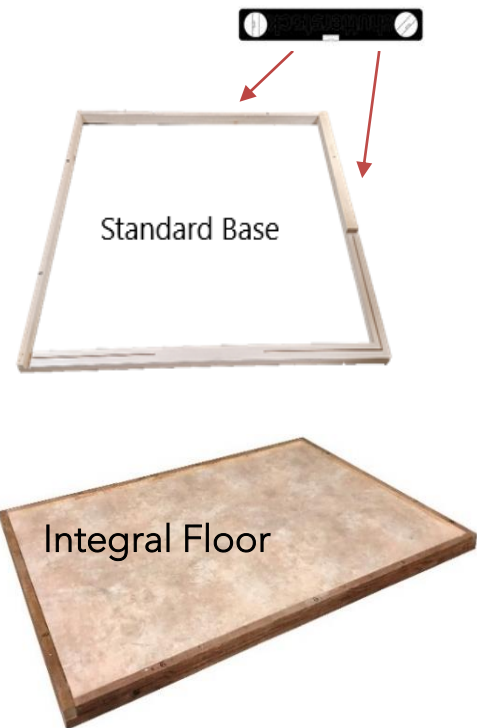
Base Installation

1. Position the base frame or Integral floor in the desired location on a level surface. The largest number on the base frame is the standard door location. The stamped numbers on the base frame should be readable from inside of the room.
 - a. Standard base (rooms larger than 5x7): Fasten the corners of the base frame using one 3" screw at each corner in the predrilled holes. Predrilled holes are purposely made at an angle.
 - b. Integral Floor (rooms less than 5x7): The base frame will be built into the integral floor.
2. The base rail is numbered to correspond with the panels. Number 1 should be to the right of the door, counting up as you move counter clockwise around the base.
3. Using a level and measuring tape, confirm the base frame is square by measuring corner to corner. The dimensions should be the same when the base is square. Shim where needed to level the base.

Wall Panel Installation

4. Starting in a corner place the panel on the outer edge of the corresponding floor panel. Slide the panel along the base frame until framework is flush with the outside of the base frame.

NOTE: To help prevent rain, snow, and moisture, use silicone caulk in between the base rail and walls as well as in between wall panel.
5. Hold the first panel in place and carefully lower the perpendicular side wall corner panel into the base, starting at an angle and sliding it into place. Slide it tight into the corner so framework is tight up against the framework of the other panel.



NOTE: The 4x6,5x6, 6x12 rooms have a one-piece side wall system, and the 4x5, 5x7, 7x10 rooms have a two-piece side wall system. The process is the same for the one or two-piece systems.

NOTE: For ease of installing the panels, tilt the top of each panel back to get the tongue and groove alignment started. Then tilt forward for an easy fit.

6. Secure the 2 corner wall panels with three 3" Torq screws (provided). Install one screw on the top of the wall, one in the middle, and one on the bottom. Ensure the tongue and groove wall boards are tight together at the interior corner of the sauna and the corner is flush on the outside edge when screws are installed.
7. Ensure that the two corner wall panels are flush for the entire length (base to top) and locate the pre-drilled holes and use the supplied 3" screws to secure the two panels together.
8. Continue to install each wall panel with the corresponding base number starting from your initial corner and working around the room.
9. Make sure that the wall panels are flush at the top and seated into place at the bottom. Ensure the tongue and groove are fully engaged between each panel.
10. First ensure tongue and groove are fully engaged. Then secure the 2 back wall panels together with a 3" screw where the panels meet on top.
11. Continue installing the next panel in the number series, being careful not to damage the tongue & groove pieces of the panels. Remember to angle the wall panels and then slide them into place so that the length of the tongue is seated firmly and evenly into the groove.

NOTE: A rubber mallet or wood block and standard hammer can be used to make sure that the bottoms of each panel are even with the corners of the base frame/floor perimeter. Be careful not to damage the panels when using this technique.



12. Secure the side wall to the back wall panel with (3) 3" Torq screws. Install one screw on the top of the wall, one in the middle, and one on the bottom.

13. Install the remaining wall panel up to the door panel. You will install the door panel next to the right front wall panel before you install the final wall panel.

14. Secure left front wall panel to the left side wall with three 3" Torq screws. Ensure the tongue and groove are tight at the interior corner when screws are installed.



Top Plate Installation

15. After installing the wall panels, install the 1" top plate. This top plate aligns and locks the top of the wall panels together.

Note: Before installing top plates, ensure all panels are fully connected on top and on the corners.

16. Install back top plate first. Matching top plate with the corresponding wall panels number. Install notched ends facing up.



17. Install the left and right wall top plates notched end facing down. So, they fit into the notches of the corresponding top plate.



18. Firmly press down (use a hammer if needed) until top plates rest on the framework of the wall panels.

19. The top of the plate should be flush with the top of the interior tongue and groove.

20. Secure top plates using the 2" Torque screws. Install one screw in each corner and one screw in the center of each wall.



21. Install 1/2" self-adhesive foam weather stripping on the top plates. Adhesive side down to the top plate.

22. Install corner caps to each corresponding wall panel make sure corner cap is flush with base of wall. Secure using Brad nails or finishing nails (not supplied),



23. Install a 3" Torq screw into each access opening to secure the walls to the base plate and floor

24. Install an access board into each opening. Secure with Brad nails.

Note: Electrical access or other labeled access boards are intentionally left uninstalled. Do not install panels until electrical components have been installed and assessed by a licensed electrician.



Roof Panel Installation

Note: Number of roofing panels will vary depending on the roof size.



25. Using two people, carry the first roof panel over to the sauna, carefully feed the roof panel into place without scratching the panels. When in position, it will rest on the top plate.

26. The guide strip will align exterior of the high side wall panel until final placement is set and secured.

27. Make sure the first panel is aligned using the guide strip at the front end of the panel. Continue placing remaining panels, make sure all panels are centered with even overhang. Approximately 8 inches overhang on right and left side.

28. The tongue and groove of the inner ceiling should fit together snug. *A rubber mallet may be needed to achieve a snug fit.

29. Secure roof panels together using a 3" Torq screw. Drive screw in at a 45-degree angle connecting the two panels together at the seam to make one large panel. Complete this step at both front and back of roof panels.



30. Using the 5-1/2" Torq screws, screw through the roof panel to secure to the top of the walls. Secure the roof panel at the front of the sauna and ensure the side overhang in the back of the sauna is the same as the front. Secure roof to back wall and then side walls.
31. Once the roof panels are secured, remove the guide strips at the front so trim can be installed later.
32. Nail fascia trim to the exterior edge of roof starting with the back edge. Next the two side edges, and lastly the front edge. The fascia top should be flush with the top of the roof panel.



33. Install eve trim under the overhanging fascia on front and back of sauna only. The front side eve trim is flush to the left and right-side fascia. The back trim is flush to the left and right-side fascia.

34. Install the left and right-side eve trim so it is flush to the back side trim and front side trim.

35. Install exterior cove trim to the back wall so it is flush to the left and right edges of the wall.

36. Install exterior cove trim to left and right-side walls so it is flush to back side cove and the edge of the front wall.

37. Install exterior cove trim to front wall so it lays flush to left and right-side cove.

38. Install the roofing felt on the roof panel using a roofing stapler. Start from the low side of the room, working towards the high side. Overlap the paper a minimum of 2". Trim roofing felt to be flush with the edges of the roof panels.



Optional Metal Roof Installation

Note: Optional Gray metal roofing can be purchased for rooms up to 5x7 at time of room order. You may elect to purchase your own metal or other smooth continuous exterior roofing material. Instructions will vary dependent on your choice.

39. Cut metal drip edge to the length of the roof and install under roofing felt to the back side of roof so the side with three grooves is on top of roof. Secure to roof with roofing nails or staples.



40. Lay out the metal roofing sheets on a flat surface to determine the amount of overlap needed to match the width of the roof. This will provide the starting point for roof placement.



Note: Determines the distance from the edge to the start of the metal roofing sheets

41. Begin to install the metal roofing based of your predetermined lay out of metal roofing sheets. Center the metal roofing over the room. The left overhang should be equal to the right overhang. Check three points on each side to ensure the distances are equal.



42. Secure the high side with roofing screws.

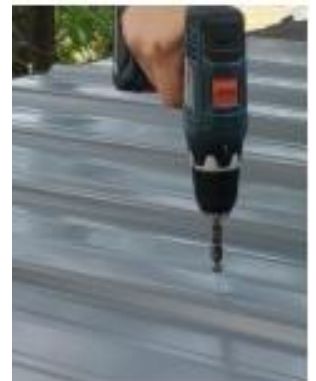
Note: Do not fully secure roofing you will need to be able to lift the **low side to install foam**.



43. Insert foam between metal roofing and drip edge to prevent insects from getting under roofing.

44. Secure metal roofing with one row of screws at the back of roof at every other rib and another row of screws across the middle of roof at every other rib.

Note: Predrilling the metal with a 1/8" drill bit is suggested for ease in installation.



45. Mark and cut the left and right-side flashing flush with front edge of roof. This cut should be made at a slight angle.



46. Secure left and right-side flashing to fascia with sheet metal/roofing screws.



47. Mark and cut the front ridge with a ¼" of overhang on each side.

48. Install front flashing to the roof so there is ¼" of overhang on each side. Secure on top with sheet metal/roofing screws, one 5-1/2" from each edge and the remaining two centered in between. Secure to fascia with roofing screws.

49. Before screwing down the front flashing, insert the seal on top of roofing metal and underneath the front flashing.



Note: Suggested to caulk seams at flashing joints.



Interior Cove Molding Installation

50. Using #4 finishing nails (Pneumatic nailer preferred), nail the cove molding to the interior walls.
51. Secure the molding to the walls nailing it through the bottom & into the ceiling to help keep it in place.



Bench Installation

In most cases the bench supports are pre-installed. If not, the interior walls have been marked and labeled at the heights you should attach the bench supports. Standard top bench support is 30" and lower bench support is 12". These are the heights off the floor to the top edge of the bench supports, not the top of the benches.



If not pre-installed follow these steps:

- Locate the bench supports. Install starting with the top bench support first.
- Position the bench supports tight into corner. Making sure they are level, use 3" screws and pre-drilled holes to secure the bench supports to the walls. Be sure to install screws in all the pre-drilled holes.

NOTE: One side of the bench is capped, while the others have exposed framing. Benches should be installed with the capped side facing forward



Note: The 4x5, 4x6, and 5x6 bench systems have two benches which span from left to right walls.

52. Starting with the lower bench and sliding into place against the back wall.
53. Place upper bench on upper bench supports.
54. Secure upper bench with two 3" screws through the framework into the backwall and one 3" screw into right and left sidewalls.



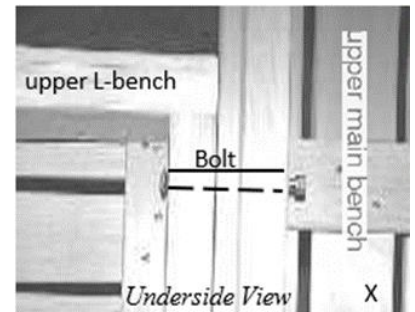
Note: Secure the lower bench only in rooms with a return bench, Lower benches with no return bench are designed to slide back out of the way for ease of cleaning.

Room with Return (“L-shaped”) Bench

Note: The 5 x 7 room bench system has three benches (Upper Main Bench, Upper Return Bench, Lower Main Bench). The upper main bench and lower main bench span from left to right walls. The upper return bench butts up to the upper main bench and spans to the front wall.

55. Install upper return bench to the notch on the upper main bench and the front wall bench support. Use the 3/8” bit to drill 2 holes where the upper main and upper return benches meet. Bolt the benches together using the carriage bolts provided.

Note: When aligning the return bench with the main upper bench, make sure the bench tops are flush with each other.



Backrest Installation

56. Locate the backrest and remove the backrest mounting hardware from the backside of the backrest. The longest backrest will be installed on the back wall. If you have a return bench the other backrest will be above the return bench.

57. Place backrest finished side down on the upper bench with the LED light strip closest to the bench front. Next, connect the low-voltage power cable from the back wall to the LED lighting strip end. Connect the 12” LED jumper to the other end of the LED strips. This will be used to connect the left backrest.



NOTE: Cut 2 pieces of wood to 8 3/8” to use as a gauge block. Position them on the upper bench to make installation of the backrest easier.



58. Measure 20” from the top of the bench to the top of the backrest. Making sure backrest is level, fasten it to the wall through the predrilled holes, using 2” screws (provided).

Note: If using gauge block carefully remove. Wood plugs are provided to cover the exposed screw head.



Door Handle

59. Install door handle so the handle with the predrilled holes is in the inside of room. Secure handle with two screws provided within the handle package and cover screw heads with wooden buttons.

Sauna Heater Installation

*Defer to heater manual for specific instructions.

60. A licensed electrician should wire the heater according to the specifications provided with the heater. One of the wall panels has a removable board to allow for wiring access to the heater. This tongue and groove board is in the trim package. After the wiring, attach the board with the brad nailer.

Wiring

*Defer to heater manual for specific instructions.

61. Depending on your heater and control selection for the sauna, you may or may not need a low voltage connection box for the lights. When using a SaunaLogic2 control, the lights are hooked up inside the regular contactor box. Other heaters such as the Designer, Vena and others may need this low voltage box for lighting hook-up.

Rock Placement (Very Important)

*Defer to heater manual for specific instructions.

62. Rinse the rocks before placement in the sauna heater. Place the smaller and flatter rocks around the outside of the rock compartment and the larger rocks in the center. This allows good air transfer through the heater. Do not try to force all the rocks in, it is important to have space between the rocks.

Duck Board

63. Place duckboard (floorboard) on floor in front of the lower bench.



WARNING!

The exterior of your Euro outdoor sauna requires prime & paint or stain within a few days of installation, and before being exposed to rain or snow. **DO NOT** paint or stain the interior. See page 3 for recommendations.

COMMONLY ASKED QUESTIONS

CLEANING

It is a good practice to always place a clean towel on the seating surfaces during sauna use and wipe surfaces dry when done bathing. However, perspiration and dirt may absorb into the wood, so periodic cleaning is needed. Scrubbing the benches and floorboards with a stiff brush and mild detergent is normally sufficient. For heavily soiled or stained wood, a light sanding with 220 grit sandpaper is another option.

Light cleaning and dusting with a damp microfiber cloth can be used on all surfaces.

STAINING OR PAINTING THE INTERIOR

You should never use stains or paints on the interior of a sauna! These products will off-gas during the heating cycle and could be harmful to your health.

The only approved product to use on the interior of your sauna is 100% pure paraffin oil. Available from your dealer or Sauna360, pure paraffin oil will add a breathable, colorless, and odorless layer of protection against moisture absorption on the wood surfaces. Depending on use, the protection can last several months or longer before re-application is needed. (Note: use of Paraffin oil on soft woods like cedar may darken the color of the wood)

STAINING OR PAINTING THE EXTERIOR

All outdoor sauna's must be protected from the elements as soon as the sauna is built! Reference your installation guide or contact Sauna360 for a list of recommended products. Failure to protect the sauna can result in damage to the exterior of the sauna and may void your warranty.

REPAIRING NAIL HOLES AND CRACKS

Any decent quality wood filler that matches your wood species can be used to fill any small nail holes or even smaller cracks. Apply filler, allow to dry then use a 220-grit sandpaper to smooth the surface.



If you have any questions during the installation of your sauna, please contact your local dealer.

Date of Purchase: _____
Place of Purchase: _____

Record Serial Number Here

Enjoy Your Sauna!

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