



Installation Guide



ECO-SAUNA

ELECTRICAL NOTES: For heater, controls and light installation - refer to the heater installation instructions. The Sauna and all of its components must be installed by certified professionals and according to local codes. All national and local safety requirements must be met during handling and installation of the sauna.



Certified
Products



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SCANDIA ECO SAUNA ASSEMBLY IN-

Room Preparation Guidelines

The following are the rough-in considerations for the Eco-Sauna product. Please be sure the sauna room is prepared according to the instructions below to ensure a quality installation.

- It is the responsibility of the customer to frame the sauna walls and ceiling. Block, wood or metal studs are acceptable construction materials.
- The room must be insulated with a minimum R13 insulation in the walls and R19 in the ceiling.
- Walls and ceiling must be either lined with 3/8" or 1/2" plywood or furring strips. Plywood is the preferred substrate.
- If furring strips are used, please coordinate with your Scandia project manager to ensure the furring strips are run the correct direction to accommodate the Eco-Sauna panels.
- If a sprinkler head is to be installed please be sure the head is rated for high temperature, typically between 250-300 degrees. Using a sprinkler head rated for 200 degrees increases the risk of premature activation resulting in flooding of the sauna.
- The rough opening of the sauna doors must be 2" wider and taller than the actual door dimension. The rough opening must be wrapped with wood stud to ensure a good mounting surface for the door. If you have ordered a custom or glass door, please coordinate with your Scandia project manager as the rough opening may vary. Please notify your Scandia project manager if your door jamb is more than 5" wide.
- The sauna comes with a standard 120 volt, 60-watt light fixture that can be mounted either on the wall or ceiling. Please have the electrical stubbed out in the desired location for the light.
- Please have the electrical in place for the sauna heater as per the sauna heater manufacturer's installation instructions.

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Getting Started: all panels are labeled wall or ceiling. Sort all panels to be oriented according to their respective sides. You will have a layout showing the panel orientation. You will need the following tools in order to complete the assembly of the sauna: screw drill/driver, large rubber mallet (white - cannot use black), brad nailer (pin nailer). 4ft level.

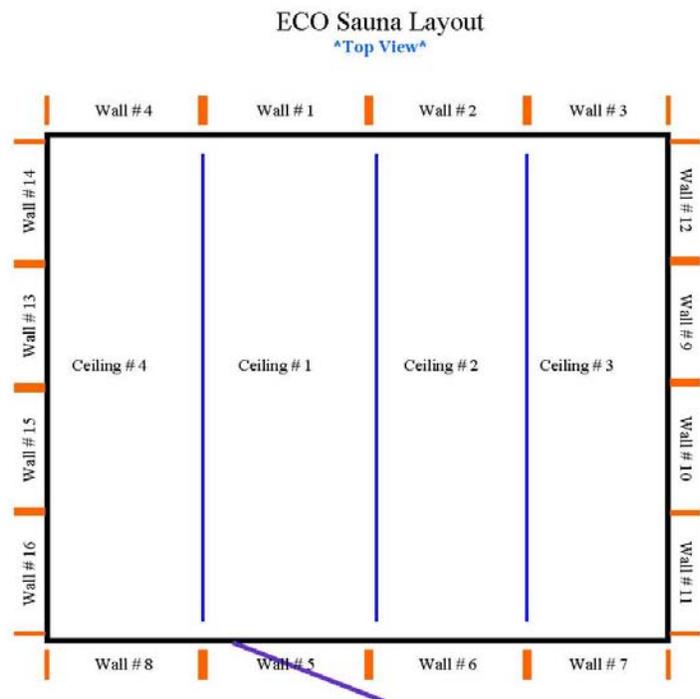
We supply vapor barrier for walls and ceiling sections. For best results, apply vapor barrier vertically on wall sections, starting from the top to bottom. Contrary to the methods used when applying residential poly vapor barrier... do **NOT** stretch aluminum vapor barrier when installing. Instead, drape it slightly loose and overlap any joints with a 2" overlap. When exposed to the heat of the sauna, the aluminum will shrink over time so allow for this when you're installing it. Start your first section by applying the vapor barrier vertically on the wall sections, starting from top to bottom using a hand stapler (not small office size) to tack the barrier to the studs. A suggestion for those customers wanting the very best installation: joints can be sealed using self-adhesive aluminum tape, (not duct tape).

Installing Walls and Ceiling

Step 1: For even numbered panel ceilings (4 shown to the right) find the center line of the room and start with the edge of the first panel parallel to that. For an odd number of panels you will center the first panel on the center line of your room. (most end panels need to be cut on site to ensure a proper finish, eg. ceiling #3 and #4).

Beginning with the ceiling, attach the ceiling panels to the plywood using the supplied screws and predrilled holes. Follow the numbering sequence until complete making sure the panels run parallel to each other. (see sample layout to the right).

Your ceiling may be split panels. In this instance you will follow the numbering sequence with making sure that the one inch reveal is toward the perimeter of the room and the 1/2" reveals are toward the center.



Step 2: Once all of the ceiling panels are all in place you will install the ceiling trim. Start with the 1" trim on the perimeter of the room attaching the trim with 1 1/2" brad nails. Once the perimeter trim is completed proceed to the interior ceiling trim.

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Step 3: Now it is time to install the walls. Reference your layout to ensure the correct amount of 24" wide and 12" wide panels are included. 12" wide panels are only used on the ends of walls, never in the center.

For even numbered panel walls (4 shown to the right) find the center line of the room and start with the edge of the first panel parallel to that. For an odd number of panels you will center the first panel on the center line of your room. (most end panels need to be cut on site to ensure a proper finish, eg. wall #3 and #4, #11 and #12, etc).

Attach the wall panels to the plywood using the supplied screws and predrilled holes. Follow the numbering sequence until complete making sure the panels run parallel to each other. (see sample layout to the right). Make sure the adjoining panels run parallel to one an-



Step 4: Once all of the wall panels are all in place you will install the wall trim. Start with the 1" vertical trim in between the wall panels attaching the trim with 1 1/2" brad nails.

Installing the door



Step 5: Put pre-hung door in place. Be sure to center the door/ door jamb on



Step 6: Once in place, and the door is plumb, fasten the door/ door jamb to the wall with supplied screws THROUGH THE HINGE MOUNTING HOLES.



Step 7: Once the hinge side is mounted. Close the door and adjust the rest of the jamb into the right position. Shims will be required, use a brad nailer to lock in the jamb/shims. A door should have at least 4 shim locations on the side and 2 on the top.



NOTE: Once the door jamb is set to the to the right location and showing the desired reveal, you can use set screws in the jamb or secure with brad nails. Finish out the door frame with the pre-cut door trim (door casing) using the brad nailer.

SCANDIA ECO SAUNA ASSEMBLY IN-

Installing the Benches



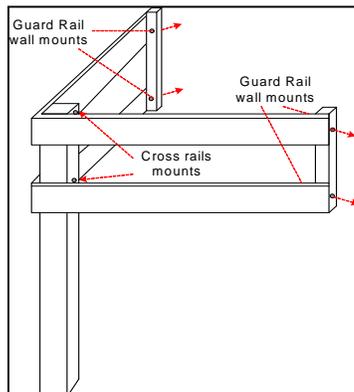
Step 8: Wall bench brackets are screwed to the wall with 3" screws and benches are pre-built. With the appropriately labeled bench, insert one end on top of the first bracket with the opposite end at a higher elevation. Once the first end is in place drop the opposite end down onto the bracket. If it is a tight fit, use the rubber mallet to drop in place.



(Bench in place on bench bracket)

NOTE: depending on the presents of any irregularities of the floor, walls being slightly out of square... benches may be tight at certain locations. In this case, you may be required to lightly sand the bench rails in order to allow easy placement.

Installing the Guard Rail



Step 9: Heater guard rails need minor assembly. First - mount the cross rails to the primary corner post. These holes are pre-drilled and they need to be drilled from the back. Once assembled, position the guard rail with proper distancing from the heater. Make sure railings are square. Drill the guard rail into the wall with supplied screws.

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