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2021

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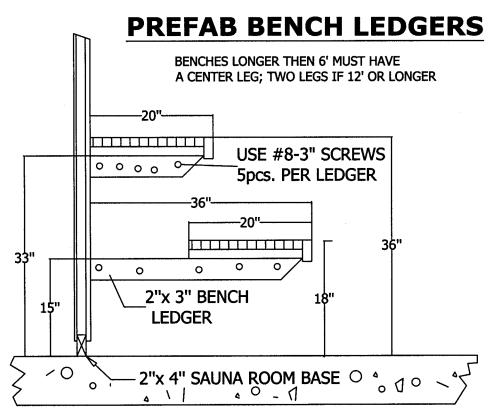
AM/CM PREFAB SAUNA INSTALLATION INSTRUCTIONS

NOTE: Sauna room should be installed over a level, waterproof floor (ceramic tile, concrete, vinyl). If floor is not level, bottom frame may be cut or should be shimmed up.

- 1. Assemble 2 x 4 base with screws provided.
- 2. Line up wall sections as per numbers on top left & right side of panels. (B1 matches up to B1, L1 to L1, etc.) To assemble sections, metal brackets slide into grooves and onto pins. To do this, lift panel an inch or two and slide into place; then slide down. Some panels may need to be tapped down into place with a block and hammer.
- 3. Start with left back corner. Set first panel in place on bottom plate. Then attach left wall panel in place. Set the rest of the back wall panels. Then continue with right and left wall sections. After left, right, and back walls are in place, set front left panel in place. Then the door section goes in. The last panel will be the front right. To get this panel to slide into place, it will be necessary to remove the screws from the 2 x 4 base at the front right corner. After panel slides in, screws can be reinstalled. For 6 x 8, 8 x 8, and 8 x 10 rooms, front wall order of installation is reversed, start with front right and end with front left.
- 4. Place door header piece in place and attach with screws provided.
- 5. Set ceiling panel or panels in place. (Front panel and back panels are marked).
- 6. Install 1 x 1 top molding. With screws provided, screw moldings into ceiling and walls.
- 7. Install 2 x 3 ledgers for benches with wood screws provided. Refer to sketch for proper heights.
- 8. Set benches in place.
- 9. Install Sauna heater by referring to information in wiring diagram provided with heater. Fill with stones provided (hose stones with water to clean first). Pack stones loosely between elements and on top until elements are completely covered. You may not need them all.
- 10. Install guard rail around heater with wood screws provided (see sketch).
- 11. Install upper vent in cut out.
- 12. Install Super Dek flooring between door and benches.
- 13. Hang thermometer 6" from ceiling, near but not directly above Sauna Heater, and hang bathing sign on exterior front wall. Warning signs should be placed above heater.
- 14. Install exterior corner moldings. Top moldings and seam moldings must be cut to size.
- 15. Seal entire door, inside & outside, (except for glass) with non-toxic water sealer (eg. Thompson's Waterseal).
- 16. Now you are ready for electrical wiring and hookup. (This should be provided by a qualified electrician as per wiring instructions provided with heater. For ease in wiring, aluminum stiff conduit is sealed within wall section for heater, control (if needed) and light. Junction box is provided for heater. Electrician should bring wire over ceiling of Sauna and down through conduit in front or side wall.

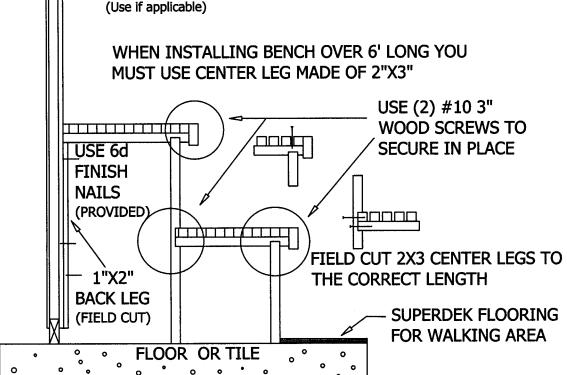






Standard ledger for upper benches is 18 1/2" long Standard ledger for lower benches is 34 1/2" long



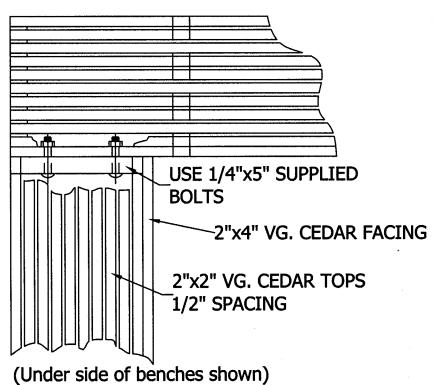


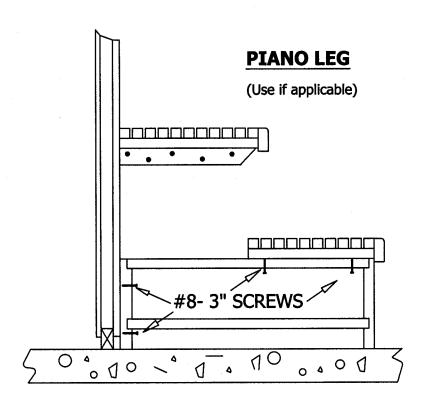




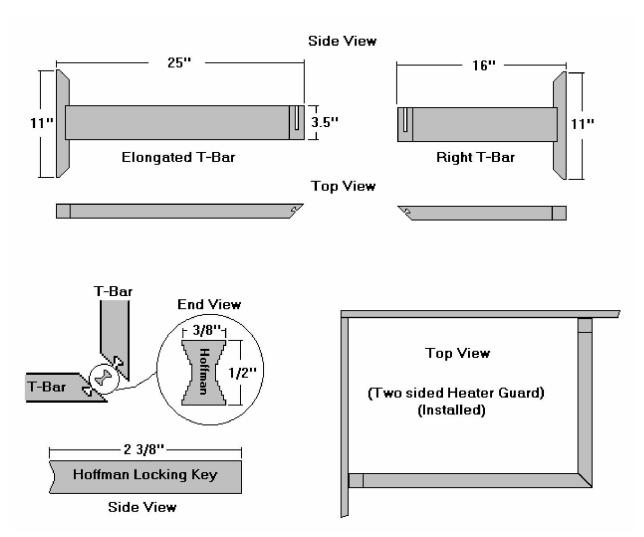
L BENCH CONNECTION

(Use if applicable)





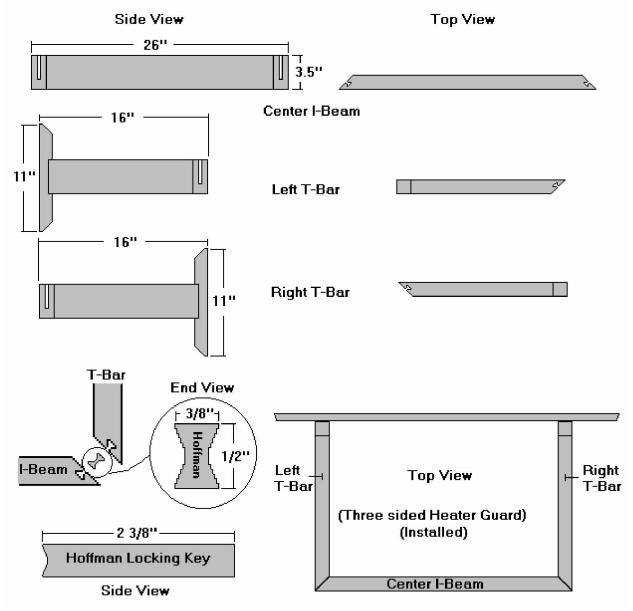




Instructions: Turn the two T-Bars upside down exposing the grooves cut into the bottom side of the guardrail. Place the two 45-degree angles together to form one 90-degree angle. Insert the "Hoffman" Locking Key into the grooves of the two pieces. Place the two pieces on a clean flat surface, using a hammer force the Locking Key into the two grooves until it is flush with the wood surface. Turn the guardrail over so that the Locking Keys face the floor. After the heater is mounted, install the guardrail flush with the top of the heater casing. Use the wood screws provided, then insert the wood screw caps in the hole (do not use glue).



3 Sided heater guard install



Instructions: Turn the two T-Bars and Center I-Beam upside down exposing the grooves cut into the bottom side of the guardrail. Starting with the Center I-Beam and either the left or right T-Bar place the two 45-degree angles together to form one 90-degree angle. Insert the "Hoffman" Locking Key into the grooves of the two pieces. Place the two pieces on a clean flat surface, using a hammer force the Locking Key into the two grooves until it is flush with the wood surface. Repeat this step with the second T-Bar. Turn the guardrail over so that the Locking Keys face the floor. After the heater is mounted, install the guardrail flush with the top of the heater casing. Use the wood screws provided, then insert the wood screw caps in the hole (do not use glue).

ROOF KIT ASSEMBLY INSTRUCTIONS

Installation of the roof kit uses standard roofing procedures. If these procedures are not familiar to you we would suggest hiring a professional to install this roof kit.

Prefab sauna room must be completely installed prior to the installation of the Roof Kit. The exception to this would be the installation of the <u>exterior</u> moldings, i.e. outside corner moldings and seam strips on rooms with rough sawn plywood exterior. Leave all exterior moldings off until after Roof Kit is installed, then cut moldings to fit. Note: Some rooms require that electrical wiring be installed prior to the roof kit. Verify your electrical requirements prior to installing the roof kit.

Materials provided by Finlandia: 1" x 2" Risers, 1" x 4" Nailers, Pre-made Rafter Sections, Pre-made Fascia, #1 Cedar Shingles, Top Ridge, Flashing, Liner for overhangs (1/2" x 4" Western Red Cedar under eaves), 6d Siding Nails, 7d Siding Nails, 6d Finishing Nails, 4d Box Nails, 3" Wood Screws.

Materials required but not provided: Hammer, Nail Set, Tape Measure, Pencil, Power Screwdriver or Drill, Silicone, Tar Paper or 30# Roofing Felt (optional), Staple Gun for Felt, Wood Putty, Tin Snips to cut flashing, Jig Saw, Hand Saw, or Miter Saw, Pin Nailer for optional Cedar Liner under eaves.

INSTALLATION:

- 1) Locate (4) pieces of 1" x 2" (Risers). Attach these risers to the top of the wall framing between the exterior casing and ceiling panels, cut to total wall lengths (See Figure 1). You will need to trim risers to fit and cut around electrical conduit. This material is provided to make the top edge of the sauna wall stronger and flat so that it will properly support the rafter sections. Attach the risers using 6d siding nails.
- 2) Locate (2) **Prefab Rafter sections**, the one marked "Front" and one marked "Back". (Note: The number of rafter sections will vary depending on sauna room size, the front and back rafters are paneled with siding or Plywood to match the sauna rooms exterior.) Attach the section marked "Front" to the front wall of the Sauna and the one marked Back to the back wall of the sauna. Using **3" Wood Screws** attach the Rafters to the Risers through the Birds Eye cut out on Rafter (See Figure 2). Screw down through the top of the Rafter into the framing until screw counter sinks. Use one screw per side.
- 3) Locate **Middle Rafter Sections** and attach with 3" screws as indicated above. Leave even spacing between each rafter section. (Note: the middle rafter sections only have a small amount of plywood for strength at the top of the rafter, they are not completely paneled as the front and back sections are.)
- 4) Now install 1" x 4" nailers to rafter sections. First install the two at the ridge top, one on each side of the rafter, butting the ends together at the ridge. Attach the nailers using 7d siding nails. Standard over-hang is 12" in front and 6" in back. This can be adjusted to your preference. After the first two are installed, install the pieces at each end of the rafters. Keep the nailer back from the edge approximately 1/2" to allow the flashing to be applied at the same angle as the sides of the rafters. It is critical that each nailer has the exact same amount of over-hang. Install remaining nailers spacing them evenly between the top and bottom nailers already installed.
- 5) Install the Prefabricated Front and Rear Fascia Trim Pieces made of 1" x 3" Cedar. Attach using 4d Box Nails. Nail from the top through the nailer and into fascia (See Figure 3). Fascia will be under nailers, same as rafters, and flush with end of nailers. Next, attach side trim on each side using 6d Finish Nails provided. Nail to the ends of fascia and rafters. These pieces are cut to length. Align pieces so that the bottom side of trim board is flush with the bottom angle of rafter and fascia. Use (2) nails per rafter or fascia and counter sink with nail set.
- 6) Install 1" x 1 1/2" Flashing around entire perimeter, miter and overlap at ridge area. 1 1/2" side overhangs the front of the sauna and the 1" side nails flat to wood nailers. If using tarpaper, install now.
- 7) Begin installation of **shingles**. Starter layer is doubled; 5" exposure is used with each row thereafter until reaching ridge. It will be necessary to trim the length of the shingle as you approach the ridge. Shingles should be spaced approximately 1/4" to 3/8" apart. Separate joints of adjacent courses by not less than 1 1/2". Joints in alternating courses should not be in direct alignment. Use 4d box nails to attach shingles.
- 8) Install the Ridge Cap using 4d box nails. Start at the front and lay out cap (leaving even spacing of pieces) front to back before nailing. Each piece should cover the nail head of the previous piece. Apply silicone to the nail head of the last piece.
- 9) Liner for overhangs. 1/2" x 4" Tongue and Groove Western Red Cedar paneling is supplied with your kit to finish the area under the eaves. The paneling is attached directly to the nailers exposed under the eaves. 20" long boards are supplied for the sides of the sauna and 12" boards are supplied for the front and back. These boards must be cut to the proper length on site. You will need to cut the 12" boards in half to line the back of the sauna.





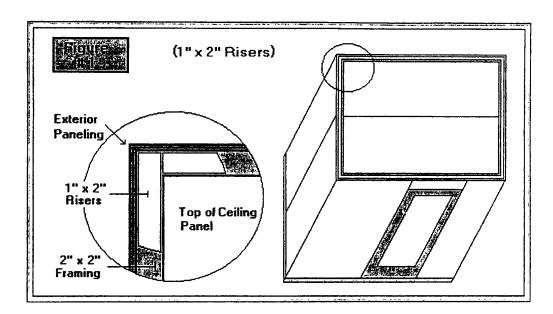


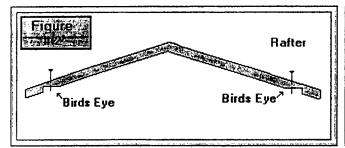


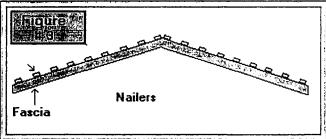
10) Install the 4 pieces of 1 1/2" x 1 1/2" outside corner moldings to each outside corner of the sauna these pieces will need to be cut around the roof kit. Now install the exterior seam trim pieces as shown in your sauna room instructions (required only for standard ruff-sawn Plywood exterior). These pieces will have to be trimmed.

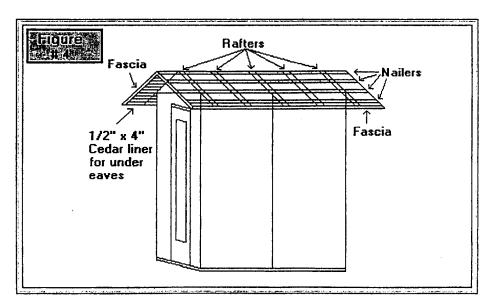
11) The Sauna is now ready for the electrical hook-up. See instructions located in heater box.

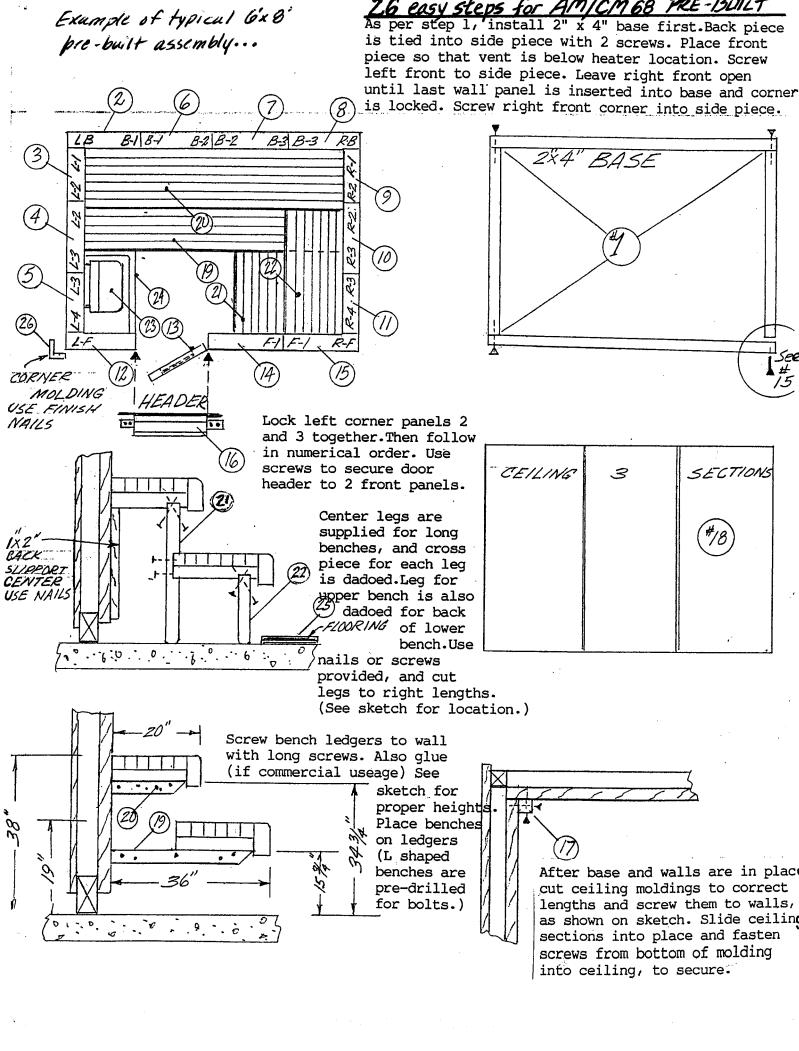
NOTE: Areas with high winds or Hurricanes may need to check local codes and regulations to ensure that the outdoor sauna meets any restrictions in your area. Additional tie downs may be required in these areas.

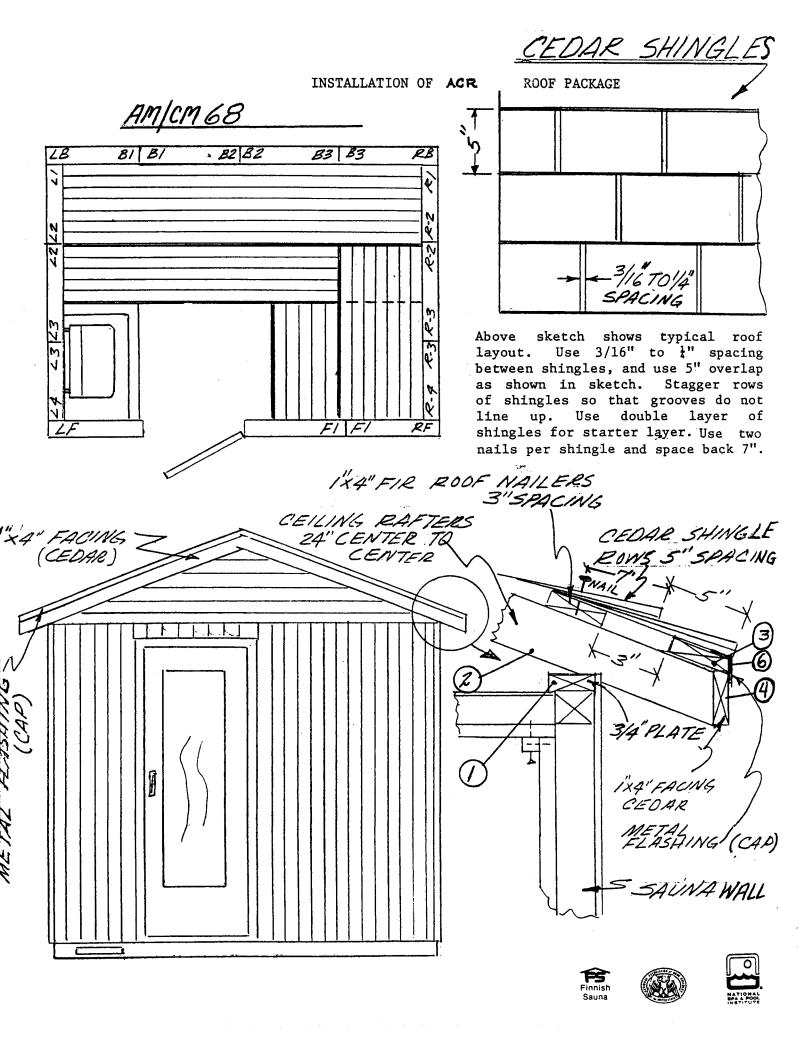


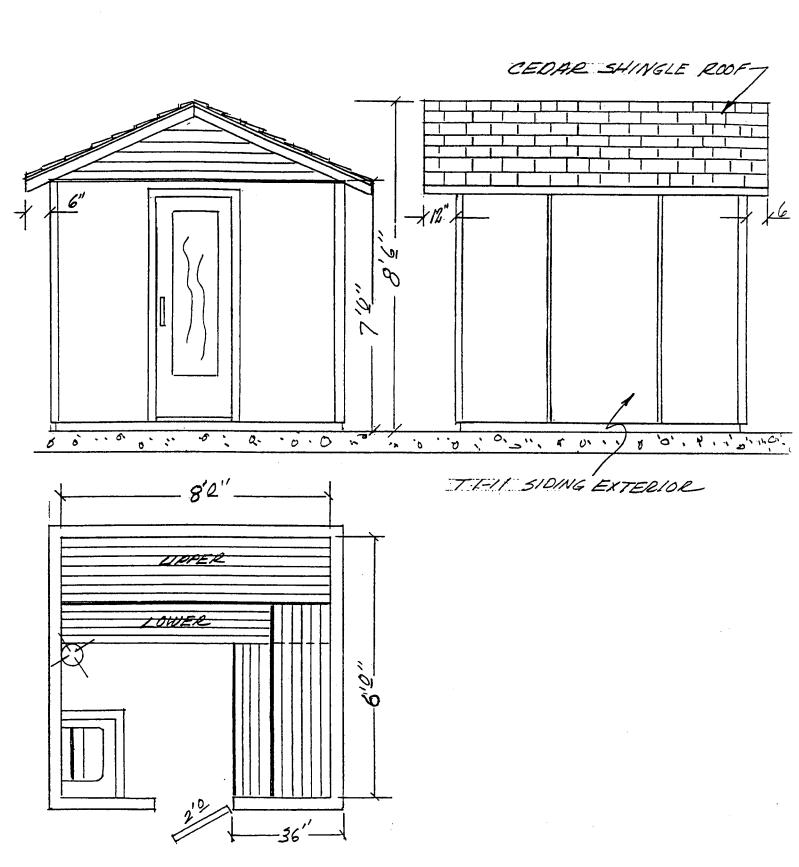










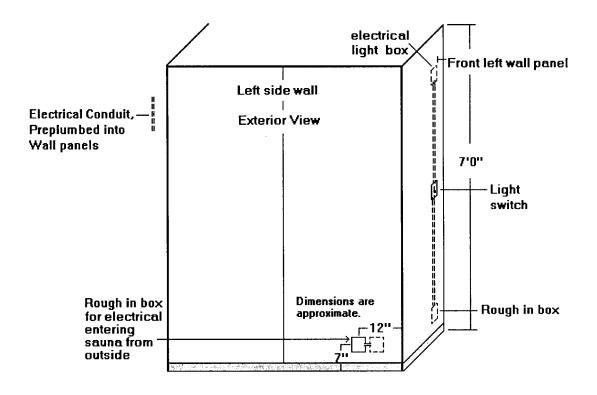


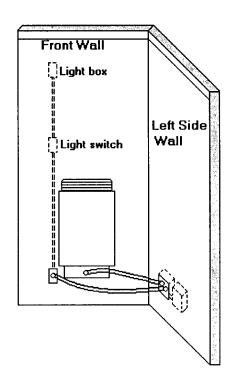






ELECTRICAL PLUMBING FOR PREFABRICATED OUTDOOR SAUNA WITH ROOF KIT





Electrical Wiring, 240v and 110v power enters the sauna through exterior rough in box. The wiring then jogs over to the interior rough in box, from here the 240v line runs through water tight flex to the heater. The 110v line also runs through water tight flex to the rough in box on the interior front wall. The 110v line then runs to the light switch and light through conduit built in to the walls. This set up allow the roof kit to be assembled prior to wiring.