

Solace Owner's Manual

With SaunaLogic Control



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Please record the serial numbers here:

Sauna Heater: _____

CB Box _____

Read all instruction's 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 instructions on page 9 of this manual.
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. Do not stack anything in front of the vents or push the back of the room up tight to a wall surface.

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 the 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.

WARNING: The use of alcohol, drugs, or medication is capable of greatly increasing the risk of fatal hyperthermia.

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.

Electric Shock Hazard: High voltage exists within this equipment. There is no user serviceable parts in this equipment. All installation and service to this equipment should be performed by qualified licensed personnel in accordance with local and national codes.

BASE FRAME ASSEMBLY NOTE

NOTICE: THE FRONT BASE FRAME SURFACE OF THE SOLACE WILL REMAIN EXPOSED AFTER ASSEMBLY HAS BEEN COMPLETED. CARE SHOULD BE TAKEN TO AVOID DAMAGE TO THE FRONT RAIL DURING CONSTRUCTION.

Step 1: The base frame will come in four pieces. Assemble the pieces together so that the numbers on the base correspond together counter-clockwise starting with panel #1. Fasten the corners of the base with 2" screws.

Step 2: To setup the wall panels, start on a corner. Start with panels 2 and 3. Use 3" screws (provided) to fasten wall panels together. Use three screws per corner. Continue the setup by placing each panel on the base rail and sliding the panels together. To join the tops of the panels together using the provided wood tack jointers.



NOTE: After the back & side walls have been set on the base rail, install the top plate using 2" screws. Use 3-screws on each wall.

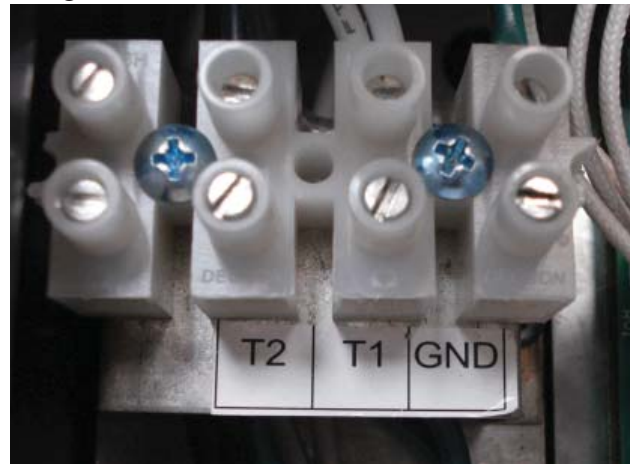


Step 3: CB PK Box wiring connections. Mount the CB PK box where the low voltage wires come out. Incoming power to 3 position terminal, “L1”, “L2” and “GND”. Outgoing power to the heater connect to “T1”, “T2”, and “GND”.

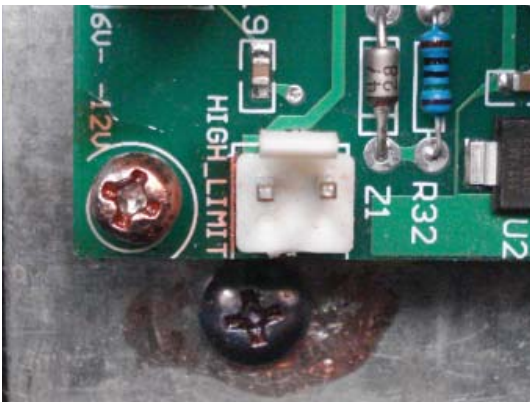
Heater Installation. Please refer to heater installation and guide manual for proper wiring and mounting guidelines. Heater location will be referenced on the drawing and markings on the sauna.



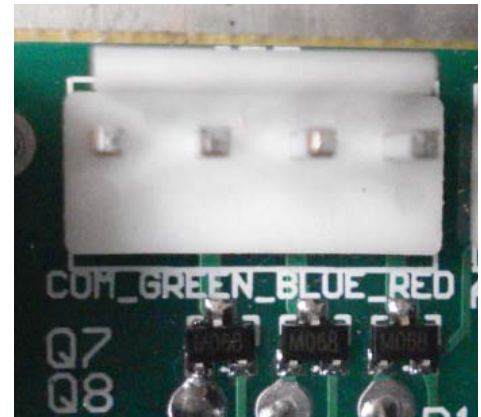
Step 4: “L1”, “L2” and “GND” is for the main power feed from the wall outlet. This will be the main power feed for the sauna. Refer to the sauna heater manual for heater specifications.



Step 5: “T1”, “T2”, and “GND” will be the terminal connection for the sauna heater. “



High limit connection. This will connect with the red and black wire coming from the heater.



Color light connection. 4 pin connector..





Step 6: Prior to installing the all glass front, start on the right side of the room and note that the bench supports on the back wall have been pre-installed.



Step 7: Find the free standing (already assembled) arm rest assembly. Make sure that the rounded handle points inward and the ladder supports of the arm rest face inward toward the room.



Step 8: Place the lower bench on the back wall support and the lower bench support of the arm rest. Make sure that the decorative bull nose molding is on the front half of the bottom bench.



Step 9: Using 2" torx screws (provided), secure the bench to the arm rest assembly. Do this from underneath as shown above.



Step 10: Place the top bench on the supports as you did with the back wall. Do this from underneath as shown above.



Step 11: Place the top bench on the supports as you did with the bottom bench and secure in a similar manner as the bottom bench. Note the partial bullnose molding on the bottom bench as noted earlier in Step 5.



Step 12: Assemble the heater guard with 1-1/2" screws provided according to the pre drilled holes.

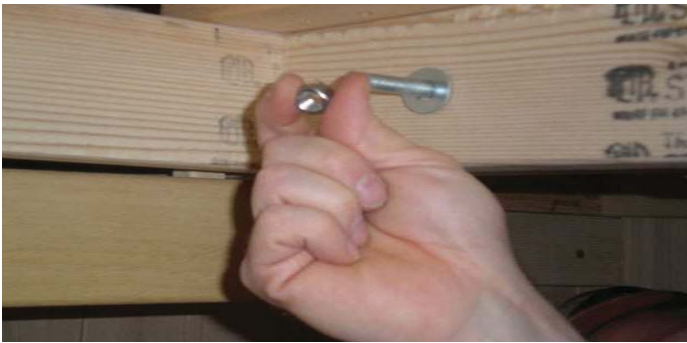


Step 13: Install heater guard around the heater making sure that it is evenly spaced around the heater, (refer to the Heater Instructions for appropriate spacing). The top of the heater guard should be even with the top of the shroud.



Step 14: Install the middle platform bench making sure that the decorative bullnose is facing the front of the room. **Make sure to support the middle bench until connected to the opposite main bench. You may also install the other set of main benches and then install the lower filler bench.**

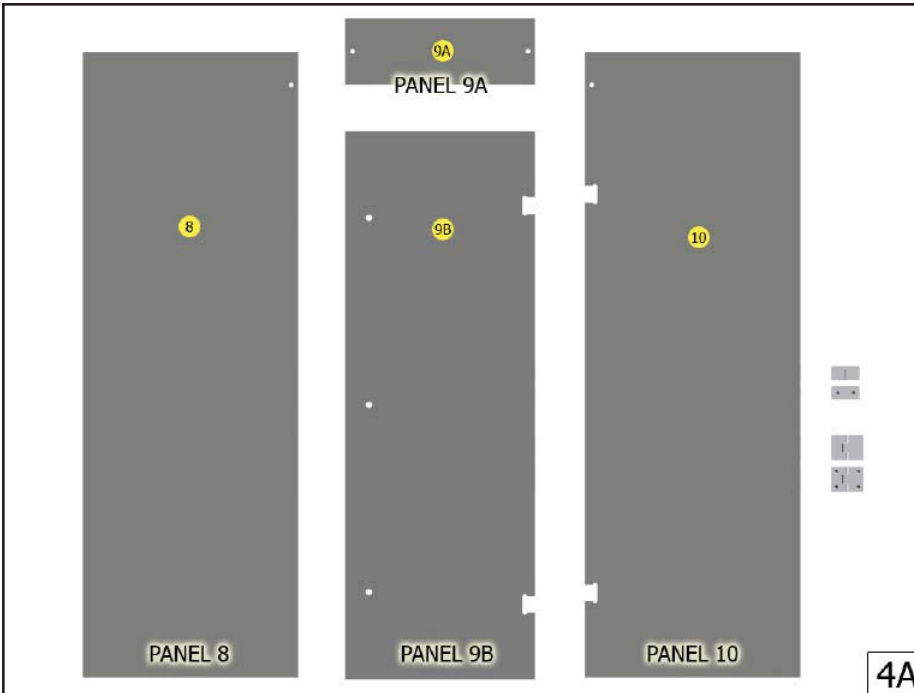




Step 15: Line up the pre drilled hole in the bottom bench with the middle platform bench and attach using lag bolts (provided). Tighten lag bolts to assure rigid bench strength. Repeat this bench installation process on the left side.

GLASS PANEL INSTALLATION

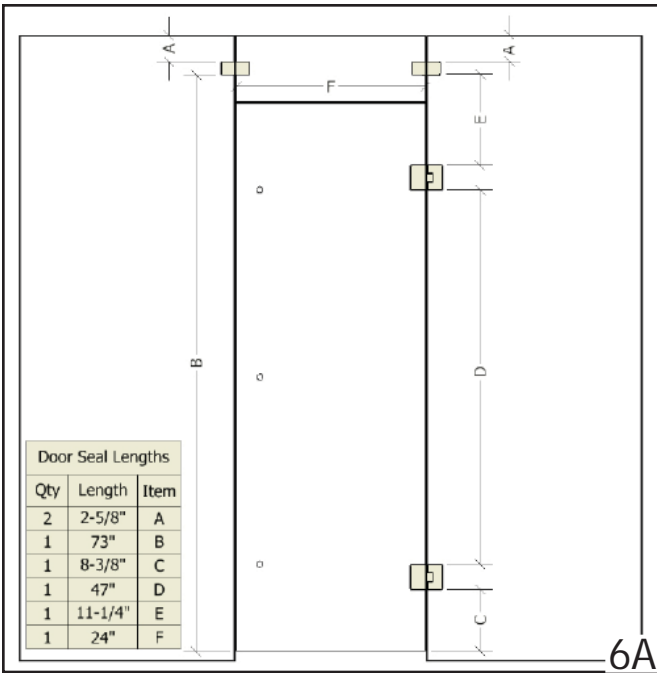
IMPORTANT: ALWAYS USE SOME OF TYPE OF CLEAN COVERING OR PADDING BETWEEN THE GLASS PANELS AND THE FLOOR OR WALL. NEVER SET THE GLASS DIRECTLY ONTO CONCRETE OR OTHER HARD SURFACES.



Step 16: Uncrate and identify all glass panels and hardware (4A). Panels 8 & 10 are interchangeable to allow for left and right door swing.

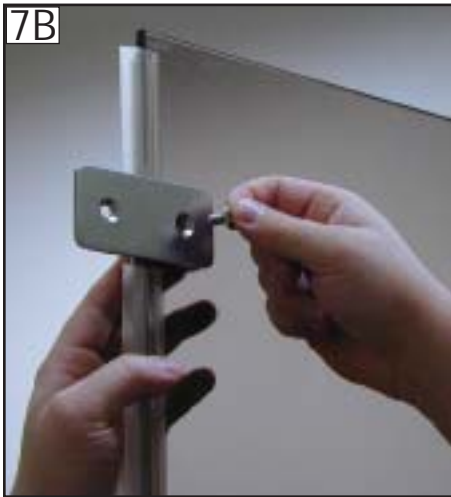
Step 17: Orient Panel 8 so that the hole is at the top and towards the center of the room. Place Panel 8 onto the base frame section labeled 8, ensuring the bottom corner of the glass panel lines up with the slot of Side Panel 7 (5A & 5B). Once aligned, continue inserting the glass panel so that it is fully seated into the side panel and base frame. Repeat the same process for glass Panel 10, ensuring it is fully seated into Side Panel 1.





Step 18: Locate the glass-to-glass clamps and the two - 2 packs of additional gaskets for the clamps (7A). Mount a clamp to the 3/4" hole located in the upper corner of glass Panel 8, using one of the additional thicker gaskets in place of one of the packaged thinner gaskets (7B). Repeat the same process for glass Panel 10.

IMPORTANT: YOU MUST HAVE A GASKET SEPARATING THE BACK PLATE FROM THE INTERIOR SIDE OF THE GLASS, AS WELL AS A GASKET SEPARATING THE FRONT PLATE FROM THE EXTERIOR SIDE OF THE GLASS.

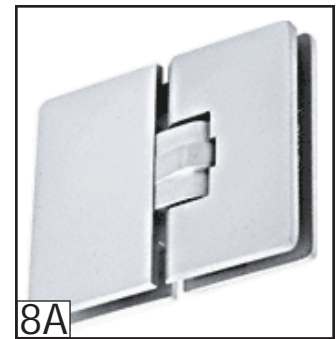


Mount glass Panel 9A to the glass-to-glass clamps, using one of the additional thicker gaskets in place of one of the packaged thinner gaskets (7C). Ensure that the top edge of Panel 9A is aligned with the top edges of Panels 8 & 10.

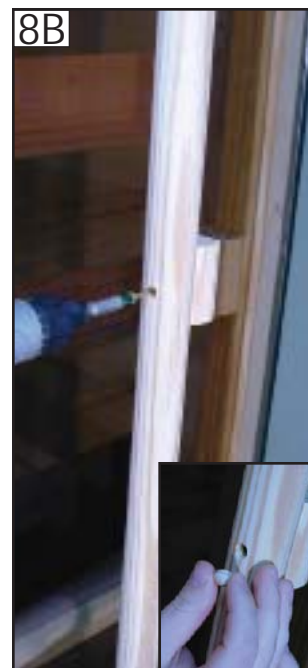


GLASS DOOR INSTALLATION

Step 19: Mount the glass-to-glass hinges over the hinge cut-outs on Panel 10 making sure that the hinge side (right side of the hinge) is attached to Panel 10 and the left side of the hinge attaches to Panel 9B (the door) (8A) making sure the use of one gasket on each side.



With the hinges in the open position (view pictures below), mount the door, securing it to the top hinge first. Make sure that the hinge is installed with the screw heads facing toward the inside of the sauna room. Leave the screws loose enough so that the hinges can be repositioned once the door has been mounted. Check and adjust the door and hinge positions so that there is an even gap along the top edge, as well as the entry edge of the door. Tighten all screws and verify the door opens and closes properly.



Install handle and place wood buttons into screw holes (8B).

CEILING PANEL INSTALLATION NOTE

Step 20: Install the rear ceiling panel first. Next, install the front ceiling panel, fitting the front and rear panel T&G together. Lower the front of the front ceiling panel over the glass panels (9A).



IMPORTANT: Once the ceiling panels are installed, secure the ceiling panels through the top to the sidewalls using 3" screws on each side.

Step 21: Mount the “SaunaLogic” control in the specified location. This should be designated by an opening in the wall panel with a control cable protruding from the opening. Plug the control cable into the back of the control. Mount the control panel by using the provided screws and fastening to the wall.



Step 24: Fasten bench skirts to the vertical mounts (12A) using the 2” torx screws provided. Repeat the process for the other side.



COVE MOLDING INSTALLATION NOTE

Step 25: The cove molding (3/4" x 1") will be provided longer than needed to allow trimming to exact size to insure a tight fit. Measure each wall to determine cut length. A simple butt-end cut is the easiest. Cut molding straight, then butt the pieces together. If you prefer a mitre joint, the molding is long enough to accommodate that type of cut as well. Using #4 finishing nails (Pneumatic nailer preferred), nail the cove molding to the interior walls. Once the molding is secured to the walls nail it through the bottom & into the ceiling to help keep it in place.



EXTERIOR FACIA INSTALLATION NOTE

Step 26: The fascia can be installed using simple butt-end cuts, or with mitre cuts. If using butt-end joints, cut the side wall fascia the same length as the side walls. Using the provided galvanized finishing nails, fasten with the top edge of the fascia flush with the top edge of the ceiling panel. The front fascia should be cut to overlap the side fascia. Install flush with top of ceiling panel.



SAUNALOGIC CONTROL OPERATION



OPERATING INSTRUCTIONS FOR LIGHTING

Press “External Light” to switch on or off.

Press “Internal Light” to switch on or off.

Press “Color Light” to scroll through the colors and then off.

OPERATING INSTRUCTIONS FOR SAUNA ROOM

Press the control POWER button once. The room temperature will be displayed on the control and an LED will glow above the On/Off button.

Follow the “Setting the Time” and Setting the Temperature” section of the manual to operate the room.

SETTING THE TIME AND TEMPERATURE

To set the sauna length time, press the control POWER button to turn on the system. Press the TIME “+” or “-” buttons on the control to increase or decrease time for desired setting. The maximum length of operation is 60 minutes.

To set the temperature, press the control POWER button to turn on the system. Press the TEMP “+” or “-” buttons on the control to increase or decrease temperature for desired setting. The maximum temperature is 194°F (90°C) for traditional Sauna.

OPERATING INSTRUCTIONS FOR TRADITIONAL SAUNA HEATER

Default settings for temperature are preset to 176°F, the time is set to 60 minutes and 0 minute delay to start to heat. These settings are adjustable (as described below) from 125° to 194°. Length of sauna can be set from 0 to 60 minutes. The time delay before start can be up to 23 hour and 59 minutes. Any changes are remembered by the heater for your next sauna session. Should the system power be lost then restored, the settings will return to their default values.

PRE-SETTING DELAYED START

Press the control POWER button once. The room temperature will be displayed on the control. Press the “Pre-setting” button. Press the TIME “+” or “-” buttons on the control to increase or decrease delay time for desired setting. The maximum of time is 23 hours and 59 minutes. If no delay start is desired, set to 00:00 and press “Pre-Setting” button.

Note: The “ : ” will flash between the numbers in the time display when system is in the delayed start mode.

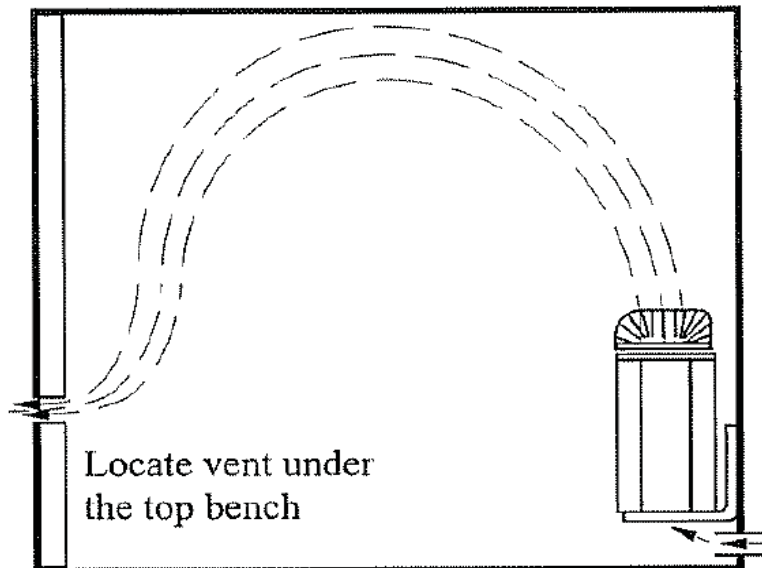
TRADITIONAL SAUNA EXPECTATIONS

Steam- Your traditional sauna heater is designed to have water ladled on the rocks after they are hot. Proper use of water in the sauna is important. One cup of water will produce 2500 cups of steam. One to two cups of water every three to five minutes will be sufficient. Only use clean tap water.

Do not use water with any chemicals present. (spa or pool). This will damage the sauna heater. Over usage of water will only cool down the rocks, thus producing less steam. This will also allow water to pass through the rocks and out the bottom of the heater, ending up on the floor of the sauna. Water on the floor of the sauna means you are using too much water.

Before using your new sauna heater, verify proper rock placement. The wall thermometer is placed no more than 12" from the ceiling near the seating area.

Ventilation- Proper ventilation will provide fresh air into the sauna room and will circulate the heat in the room more evenly, resulting in a more consistent heat throughout the sauna.



USER MAINTENANCE INSTRUCTIONS

Room Instructions for Cleaning:

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. Light sanding is another option.

Do not leave any excess water on the floor or benches. Wipe up any water left over. Excess water may result in mold or mildew in the sauna.

TROUBLESHOOTING SECTION

CONTROL ERROR CODES

***Sn:**

The sensor is not connected to the CB PK-1 box. Check the connections between sensor and CB PK Box.

***HL:**

The high limit safety switch in sauna heater is not connected to the CB PK-1 box. Check the connections between traditional sauna heater and CB PK box.

PERFORMANCE QUESTIONS

***No Heat:**

Control is delay mode? Ensure system is not in the delay mode.

***Room not reaching set point while using Traditional heat:**

This room is designed to be indoors with a start temperature of 70°F. If this room is located in a cooler location, pre-heating time will increase and higher temperatures may not be reached.

*Ensure power supply is correct for room. This system should be connected directly to an outlet. Do not use an extension cord. Low supply voltage can cause poor temperature performance.

***No control functions:**

Verify the control wiring has been connected.

CUSTOMER SERVICE

For troubleshooting or service questions call 1-888-780-4427 and ask to speak with the Technical Support Department.

Prior to calling, please have the Model and Type number available. You may also e-mail us at techsupport@saunatec.com