



Centurion Indoor Series Owner's Manual

Centurion Indoor Sauna with Himalaya Heater and SL2 Control



*Actual sauna may vary from image displayed.

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Receiving Shipment

Please immediately check for any hidden damage that may have occurred in shipping. If any damage is found, you must notify the delivering carrier within seven days.

Taking 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.



Tools Required

Phillips screwdriver
Finishing Nails
Torx Bit (provided)
Shims
3/8" wood bit
Cordless Drill
Tape measure
Square
Level
Handsaw or miter box (trim molding installation)
Hammer or brad nailer

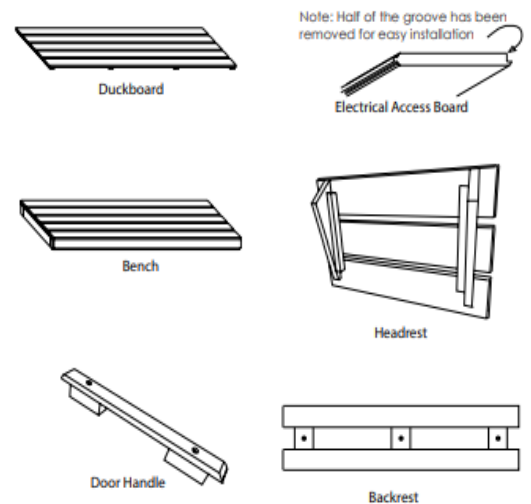
Hardware Package

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



Accessories

Styles may vary based on interior and designer room series.



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

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

Disclaimer: This manual is based off a right glass room, if your room is a left glass room some steps may vary.

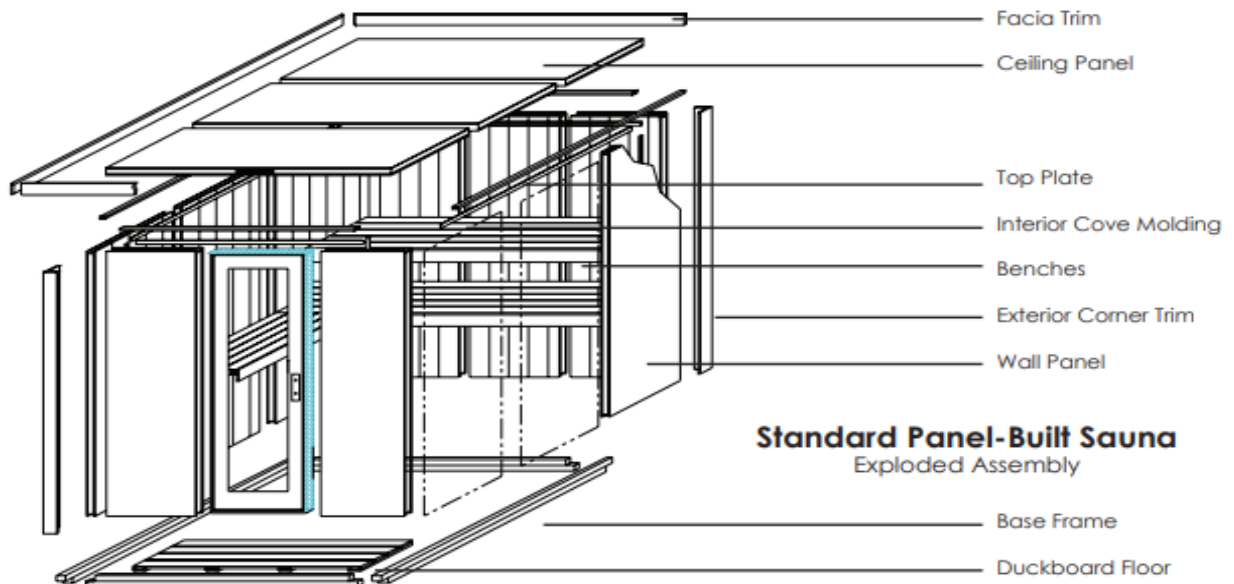
WARNING: When using electrical sauna heaters and associated sauna products, basic precautions must be followed, including the following:

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: 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.

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.



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

*Parts depicted in the diagram will differ between models

INSTALLATION OF SAUNA ROOM

If the sauna is to be placed against existing wall(s), panel installation should begin away from the wall starting with the right panel. After these panels are in place, the sauna can be slid back towards the wall(s) keeping it 1/2" to 1" separation from wall and sauna. Note: Parts depicted in the diagram will differ between models.

All wall panels are numbered at the top and should be readable 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.

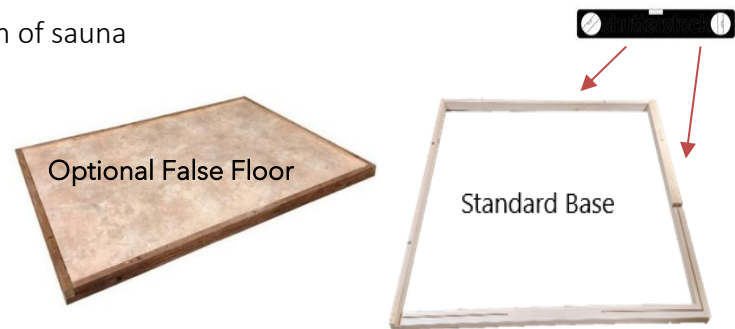
Base Installation

1. Position the base frame (or optional false 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.
2. 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.
3. The base rail or optional false floor is numbered to correspond with the panels.

Note: The base must be level before installing wall and ceiling panels. Using a level and a square, make sure the base frame is square and level. Shim where needed with standard shims.

Wall Panel Installation

4. Starting with a back wall corner panel. Slide the panel along the base frame until framework is flush with the outside of the base frame.
5. Hold the corner so framework is tight up against the framework of the other panel.



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 back wall to the right wall with three 3" Torq screws (screws and bit 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.

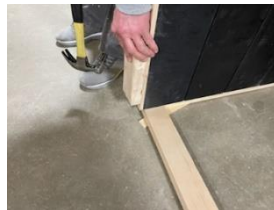


7. Secure the two wall panels together with a 3" screw (screw provided) where the panels meet on top. Ensure tongue and groove are fully engaged.



8. Continue setting the panels into place matching base number with panel number as marked.

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.



Top Plate Installation

9. After installing the wall panels, install the 1" thick 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.

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



11. Install the left and right wall top plates notched end facing down.

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



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

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



Ceiling Panel Installation

15. Using two people, carry the first roof panel over the sauna. One person inside the sauna room and another outside, feed the back ceiling panels over the top of the walls being careful not to scratch the panels. When in position, it will rest on the top plate.



Note: if your sauna has ceiling mounted speakers, they will be in the rear-most ceiling panel and orientated close to the rear wall.

16. The front ceiling panel is constructed to rest on the top plate of the wood walls and to cap the glass wall panels with the glass panels fitting inside the channels to stabilize and to set the glass



Note: Make sure the top of the sauna walls is square with the ceiling panel.

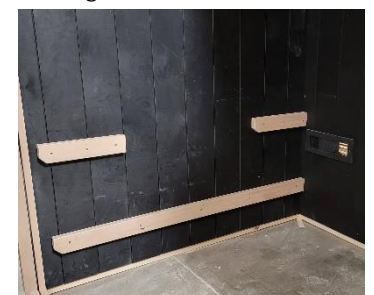
Bench Installation

17. In most cases the bench supports are pre-installed. If not, the interior walls have been marked 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.



Right Wall

- a. If not pre-installed follow these steps: Locate the 5 bench supports. Install starting with the top bench support first. Position the bench supports about 1/4" away from the back walls. 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. When installed at the height noted, the 3" screws will line up with the internal framing of the panels for necessary strength.



Left Wall

Right wall length of 2 supports:

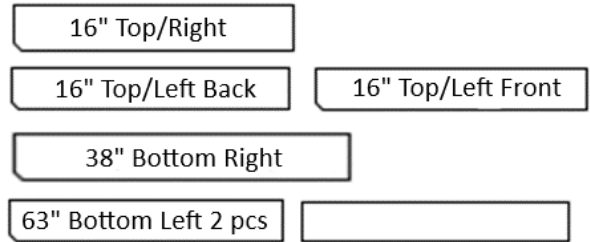
Top: 16" qty 1

Bottom: 38" qty 1

Left wall length of 3 supports:

Top: 16" qty 2

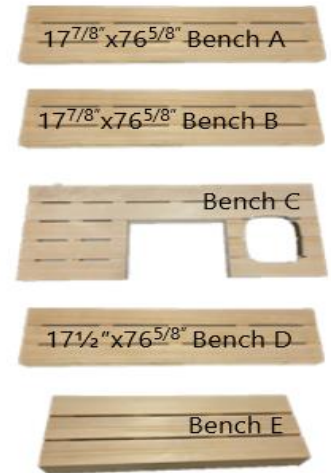
Bottom: 63" (cut at wall joint) Qty 2



⚠ No leg support has been installed. Do not put weight on front of lower platform.

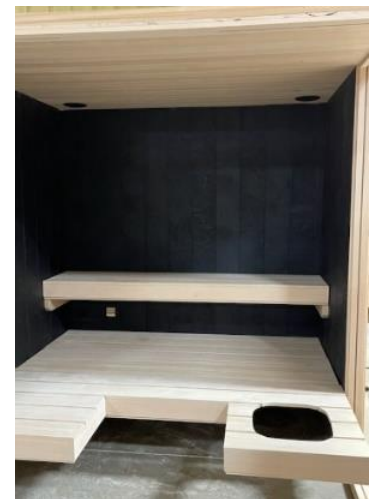
18. Starting with the bottom bench first. Slide each section into place making sure they are tight with the wall or section before. Install platforms in this order starting with the bottom support:

- Bench A flush with back wall
- Bench B Slide flush with bench A
- Bench C lower bench with the heater cut out
- Bench D upper bench supports, finished side facing front
- Bench E flush with left wall and left side of bench A



Note: Securing benches to side walls with 3" screws through the bench framing will add strength to the sauna.

Note: Bench D one side of the bench is capped, while the others have exposed framing. This bench should be installed with the capped side facing the front of room, on the upper bench supports.



Leg Support Installation

19. Located the 4 support legs. 3 will have an adjustable foot and 1 will not.

20. The 3 with adjustable foot will be installed on the lower platform 2 in front of the heater in each corner with the notch side facing the front. 1 on the left side of the platform in the interior corner.

21. Adjust feet with 17mm wrench to correct height, using a level on top of the bench to make sure bench is level.

22. Notch should be positioned with the finished surface facing the front of the sauna.



- Attach each leg with 2 screws (provided) to the front of the lower bench.

Backrest Installation

- 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, the other will be on the left wall.
- Then temporarily invert the backrest with the LED strip on the bottom and facing outward and 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.



- 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.

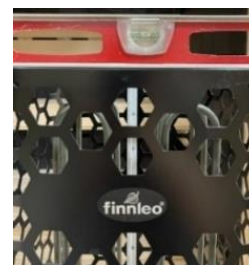
Note: After installation there will be handprints, debris, and dust. To clean Tika wood panels use a damp microfiber cloth.

Heater Placement

- The lower platform has a precut location for the Himalaya heater.

Note: It will ease installation of the heater if your electrician connects the power and high limit cable before the heater is installed in the bench opening.

- Carefully lower the heater through the lower bench opening. Make sure the heater is level both front to back and left to right. Adjust the feet with a 10mm wrench and verify with a level.



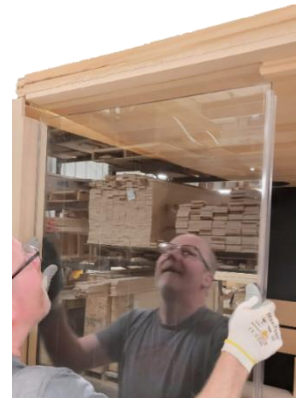
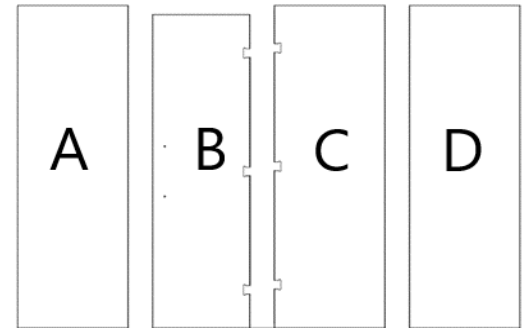
29. The Himalaya Heater must be installed with the logo facing the front of the room. This is so the safety sensor is in the correct location.
30. A licensed electrician should wire the heater according to the specifications provided with the heater.
 - *Rocks will be placed after testing the heater.
 - *See Himalaya manual for heater installation.

Electrical / Heater Assembly

31. Defer to Himalaya installation manual for directions.

Glass Panel Installation

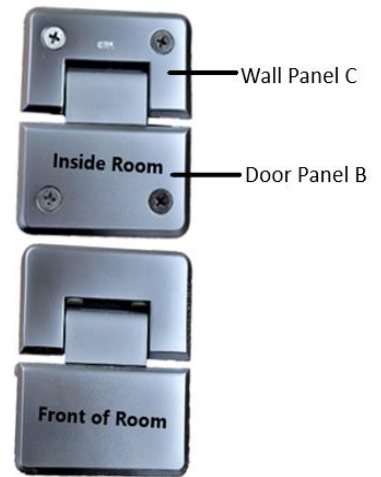
32. Uncrate and identify all the glass panels and hardware.
33. Hardware includes (1) Allen wrench, (4) Phillips head screws (4) Allen head screws, (3) glass to glass hinges, (12) gaskets.
34. Always use some type of clean covering or padding between the glass panels and the floor or wall. Never set the glass directly onto concrete or other hard surfaces.
35. Outer panels A & D must be installed first; they can stand alone. 2 people are needed for this process. 1 to install the glass panel and the other to lift the ceiling panel.
36. Installer 1: Lift the front ceiling panel to allow clearance for the glass panel.
37. Installer 2: Locate Panel (A), tilting the glass align the bottom corner closest to the installer into the front left base frame. Once aligned, tip the glass panel forward until it is fully seated into the side panel and base frame. Repeat the same process for glass Panel D, in the right wall base panel, ensuring it is fully seated into side panel.
38. Installer 1: Locate panel C. Holding glass on both sides place bottom of glass into the front right groove. Installer 2: Lift the front ceiling panel to allow clearance for the glass panel.
39. Panels C & D should meet at the corner.



- Carefully lower the ceiling panel onto the glass panels and bring both panels to the corner on the top and bottom. Be careful not to damage the tongue or the groove section of the panel. Make sure the front ceiling corner seats securely into place.

Door Panel Installation

- Locate the (3) glass-to-glass clamps hinges and the (12) additional thicker gaskets. Mount clamp starting in the upper right corner of glass panel (C), using the thicker gaskets for installation.
- Mount the glass-to-glass hinge over the hinge cut-outs on panel C making sure that the hinge side (right side of the hinge) is attached to Panel C and the left side of the hinge attaches to Panel B (the door).



- You must have a gasket separating the back plate from the interior side of the glass and a gasket separating the front plate from the exterior side of the glass. Never clamp metal directly to glass.



- Installer 1: should be holding door on both sides, may need to use foot to hold in place.
- Installer 2: will be using Allen key and Allen screws to attach glass-to-glass hinge to door.

- With the hinges in the open position, 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.



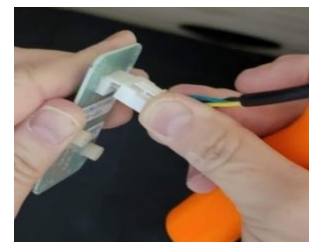
Door Handle Installation

49. Locate the door handle box. Separate the handle using the hex wrench to loosen the set screw found on the side of the metal door assembly.
50. Once separated use a Phillips screwdriver to separate the inner assembly.
51. There are 2 white washers that will sit on either side of the glass door 1 on the inside and 1 on the outside.
52. Take the provided screws and the door handle assembly, insert the screws from inside the glass door toward the outside through the precut holes.
53. Reconfirm the white washers are on either side of the side of the glass door.
54. Using a screwdriver install the outside door handle onto the screws from the outside and tightening the bolt from the interior side of the door.
55. Be careful not to over tighten as this can cause damage to the glass door.
56. Install the interior door handle onto the screws inside the glass door. Tighten the set screws using the provided hex wrench; careful not to over tighten.



Temp Sensor Installation

57. Locate predrilled hole in the front ceiling panel. It will be in the front right corner. Feed the temp sensor cable through the hole with 3-4 inches of cable exposed.
58. Connect cable to the back of the sensor board.
59. Secure the sensor board to the ceiling.
60. Place the cover over the temperature sensor board.
61. Remaining cable should run across the ceiling panel and be connect the sensor cable to the CB box.



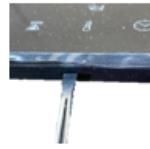
SL2 Control Mounting

62. Feed cable from the hole in the ceiling panel (yellow control cable access sticker) down to the first support bar on the open panel on the right wall.



63. Use a flat-blade screwdriver to carefully pry the front glass off the control body.

64. Install two of the shorter screws to the control. Place a black plastic wing on the end of each screw. Make sure black plastic wings are horizontal to allow for T&G installation. (Longer screws are not used)



65. Mount control on T&G board labeled with yellow control cable access sticker.

66. Connect the cable on the back of the SL2 control to the cable fed through the ceiling panel.

67. Install the T&G panel w/ installed SL2 control. You may need to pull extra wire up from the ceiling panel.

68. Place glass cover on mounted SL2 control. Starting with aligning the top of the glass with the top of the mounted control. Lower the glass cover and press firmly with 2 fingers at the base cover should snap into place.



69. All electrical connections should be completed by a qualified electrician. Complete the following steps after electrical connection has been established.

Once electrical is connected test SL2 control and lighting.

70. Press the room light button to ensure backrest lights turn on.

71. Press the ON button and allow heater to run for 15 seconds, then turn off.

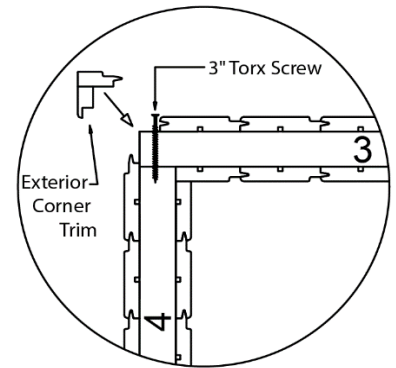
72. Put your hands close to the elements (DO NOT TOUCH) to feel if all three elements are heating, or have the electrician verify the correct Amp draw for your heater.

73. Confirm everything is working. After confirmation, do the final installation of the control and see Himalaya installation manual for complete heater instructions.

Note: At this point, prior to the completion of the room assembly, apply power to the heater and control panel to verify that the proper wiring connections have been made throughout the sauna assembly process.

Corner Cap / Final Corner Panel Installation / Finishing Trim

74. Place the remaining back corner panel into position using the base groove as a guide and make flush the entire length of the corner panels before securing them together using the pre-drilled holes and 3" screws provided. Route the control panel cable through the hole in the remaining top plate.



75. Locate exterior corner trim pieces and match the numbered corner trim piece to the corresponding numbered sauna frame corners. Position each corner trim piece into place and attach with 1-1/2" brad nails or finish nails.



76. Locate top trim (fascia trim) pieces. Start with the side and cut the two side pieces to length and attach with brad or finish nails.

77. Cut the front top trim (fascia trim) piece so that it covers the front ends of both side trim pieces and attach with brad or finish nails.

78. Cut to length the interior ceiling trim (cover molding) pieces, starting with the back wall and then the two side walls and secure them into place with brand or finish nails. Screw head buttons are included for backrest. A light hammer tap may be needed, and glue can help secure the buttons.

AUDIO OPERATION

Audio Power On

- Press  icon to toggle On or Off the Bluetooth System.

Note: The control does not have to be active for Sound System to operate.

Pairing

- Refer to your mobile device to pair to the unit.
- The device name is Sauna360 Audio

Operation

- All operations are controlled by the mobile device
- Volume is controlled by the mobile device
-


WARNING: Apple will not warranty your Apple product if used at operating temperatures of 32°F or below and 95°F and above. The recommended operating temperature is 32°F to 95°F to fall into the warranty. Check with any other device manufacturers for operation temperatures before using the device in the Sauna.

SL2 (SAUNALOGIC 2) CONTROL OPERATION

Operating Instructions for Heater


Default settings for temperature are preset to 194°F, the bath time is set to 60 minutes and 0-minute delay to start to heat. These settings are adjustable (as described below) from 119°F to 194°F. Length of sauna can be set from 0 to 60 minutes. The time delay before start can be up to 24 hours. Any changes are remembered by the heater for your next bath. Should the heater power be lost then restored, the settings will return to their default values.


Starting Sauna Heater Immediately

Press the control POWER  icon to turn on the sauna control and heater. The room temperature will be displayed on the control. The heater will turn on and begin heating the room to current set points. Once the set temperature is reached inside the room, the control will turn the heater on and off again as needed to maintain the desired temperature. At the end of the selected time (60 minutes maximum), the control will turn itself off and the control display will turn off.





Setting the Time and Temperature

To set the sauna length time, press the  icon and then press the "+" or "-" icons to increase or decrease time for desired setting. The maximum of time is 60 minutes.



To set the temperature, press the  and next "+" or "-" icons to increase or decrease temperature for desired setting. The maximum temperature is 194°F (90°C).

Note: Typical sauna bathing set-point temperature is 150°F to 165°F on the control.

Pre-Set Delayed Start

Press the  icon and delay time will appear in the display and will toggle between "dlay" the amount of time remaining. The maximum of time is 24 hours. If no delay is desired, press  icon to toggle off the function.

Operating Instructions for Lighting

Press  icon to cycle through lighting options. Press and hold the  icon for 3 seconds to turn off the lights. Lights will turn off automatically 10 minutes after sauna cycle is completed.

Color sequence – White – Red – Green – Blue – Yellow – Aqua – Purple – Rotation of Colors – Off

Choose the color of choice. Set lighting brightness. The brightness will be on display for 3 seconds. Press the "+" or "-" icon to increase or decrease the light setting. Setting options are 25, 50, 75, and 100% light output.

COMMONLY ASKED QUESTIONS

CLEANING

Yes, cleaning is needed. 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 with 220 grit is another option.

INTERIOR PAINT OR STAIN

You should never apply any paint or stain to the interior of your sauna! Off-gassing from these products could be harmful to your health when the room is heated.



The only approved product to use on the interior of your sauna is 100% Pure Paraffin Oil. Pure Paraffin Oil is odorless and will add an invisible layer of protection from moisture stains and can be applied to walls or bench tops. Paraffin oil can also be used on the exterior surfaces but will darken softer woods like cedar. See your sauna retail dealer for details.

PATCHING NAIL HOLES

Small nail holes from attaching your trim can be easily filled by using a quality brand of wood filler that matches the wood you are using followed by a light sanding with 220 grit sandpaper. Small holes or cracks can also be patched by filling with white glue then sanding with 220 grit sandpaper before the glue dries. The sanding dust will stick to the glue and fill the void, providing a nearly invisible patch.

TROUBLESHOOTING

Error Codes on SL2 Control

Sn = Means the sensor is not connected to the CB box. Check the connections between sensor and box

HL = Means the High Limit switch in sauna heater is not connected to the CB box. Check the connections between heater and box.

JP = Means a jumper CN 6 is missing from the Main PCA in CB box.

Pre-Heat = Means there is no sensor connected to the CB or the temperature is below 8°F.

*Prior to calling, please have the Model, Type Number, and Serial Number from room available.

If you have any questions during the installation of your sauna, please contact your local dealer or our tech support team.

Toll Free: 1-888-780-4427
E-mail: us_techsupport@Sauna360.com

Date of Purchase: _____ Place of Purchase:

Record Serial Number Here

Enjoy Your Sauna!

Follow Finnleo (@finnleosauna) on social media. Tag Finnleo & include #MyFinnleo for a chance to be featured on our page.



www.finnleo.com • 575 East Cokato St., Cokato, MN 55321



Link to Finnleo Manuals

Rev	Page	Description	Date	Person
1	All	Created Manual	06/09/2022	BL