

SOLARIS™ *Saunas*

Instruction Manual



Solaris Sauna



REV 2

Index



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NOTE: Actual model may differ slightly from pictures shown in manual.

IMPORTANT SAFETY INSTRUCTIONS

READ AND FOLLOW ALL INSTRUCTIONS

- A) Please reference the warning marking provided with the infrared room, indicating the importance of attaching the marking. There are relevant explanations for the warning notice as well as instructions on where to place the warning:
 - a) The hyperthermia warning marking should be located on the outside of the door at eye level.
 - b) The fire warning marking should be located on the interior wall above the heater at eye level.
- B) An electrical receptacle shall not be installed inside the heated room.
- C) The door of the heated room does not include a locking or latching system as use of such devices could cause entrapment inside the heated room.
- D) Keep the ventilation panel open when using the infrared room.
- E) **CAUTION: Hyperthermia occurs when the internal body temperature reaches a level above the normal body temperature of 98.6°F (37°C). Symptoms of hyperthermia include an increase in the internal body temperature, dizziness, lethargy, drowsiness, and fainting. Effects of hyperthermia include:**
 - a) Failure to perceive heat;
 - b) Failure to recognize the need to exit the room;
 - c) Unawareness of impending hazard;
 - d) Fetal damage in pregnant women;
 - e) Physical inability to exit the room; and
 - f) Unconsciousness.
- F) **WARNING – The use of alcohol, drugs, or medication will greatly increase the risk of fatal hyperthermia.**
- G) **WARNING: REDUCE THE RISK OF ELECTROCUTION AND BURNS. DO NOT OPERATE UNLESS THE HEATER PANEL GUARDS ARE IN PLACE.**
- H) **CAUTION: EXCESSIVE EXPOSURE CAN BE HARMFUL TO YOUR HEALTH. PERSONS WITH POOR HEALTH SHOULD CONSULT THEIR PHYSICIAN BEFORE USING AN INFRARED ROOM.**
- I) **CAUTION: REDUCE THE RICK OF FIRE, DO NOT PLACE COMBUSTIBLE MATERIAL ON OR IN FRONT OF THE HEATERS AT ANY TIME.**

J) WARNING: REDUCE THE RISK OF OVERHEATING:

- a) EXIT THE INFRARED ROOM IMMEDIATELY IF YOU ARE UNCOMFORTABLE, DIZZY, OR SLEEPY. STAYING TOO LONG IN A HEATED AREA IS CAPABLE OF CAUSING OVERHEATING.
- b) SUPERVISE CHILDREN AT ALL TIMES.
- c) CHECK WITH A DOCTOR BEFORE USE IF PREGNANT, IN POOR HEALTH, OR UNDER MEDICAL CARE.
- d) BREATHING HEATED AIR IN CONJUNCTION WITH CONSUMPTION OF ALCOHOL, DRUGS, OR MEDICATION IS CAPABLE OF CAUSING UNCONSCIOUSNESS.

K) WARNING: REDUCE RISK OF ELECTROCUTION. DISCONNECT POWER SUPPLY BEFORE SERVICING.

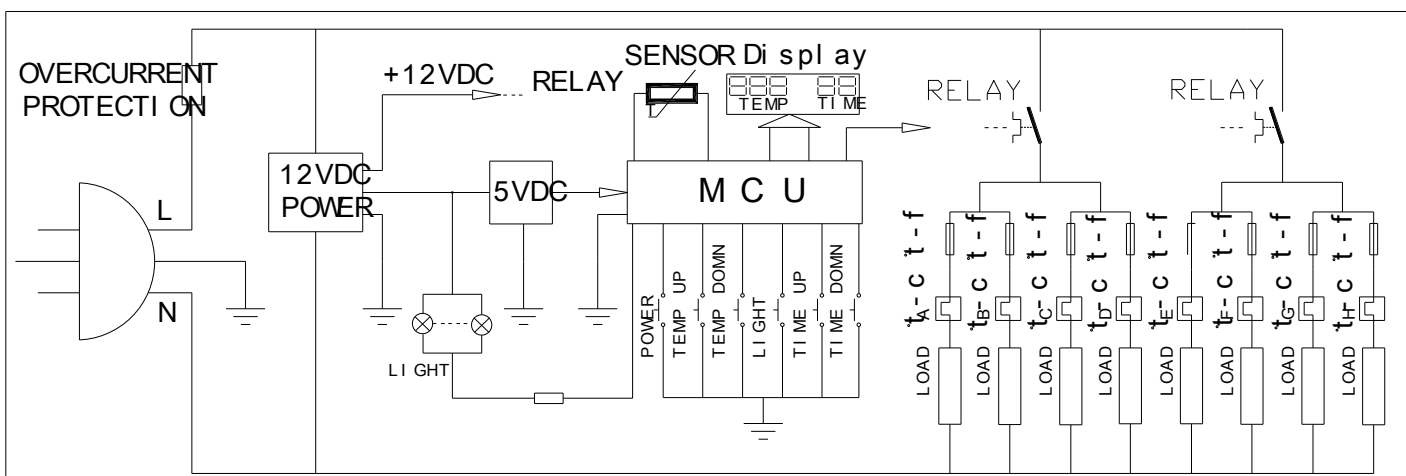
L)SAVE THESE INSTRUCTIONS

Introduction

Thank you for the purchase of your Solaris Infrared Sauna. We congratulate you on your new path to better health! Thousands of users enjoy the benefits of infrared saunas every day. Infrared saunas help you burn calories, reduce toxins, relieve pain and even clear complexions. Now you can enjoy the great benefits of far-infrared heat within the privacy of your own home.

Solaris Highlights

- a. High quality craftsmanship
- b. Automatic thermostat for constant temperature
- c. Timer and buzzer: buzzer sounds 5 minutes before the end of session
- d. Digital sensor and thermometer
- e. Infrared heating panels



Installation

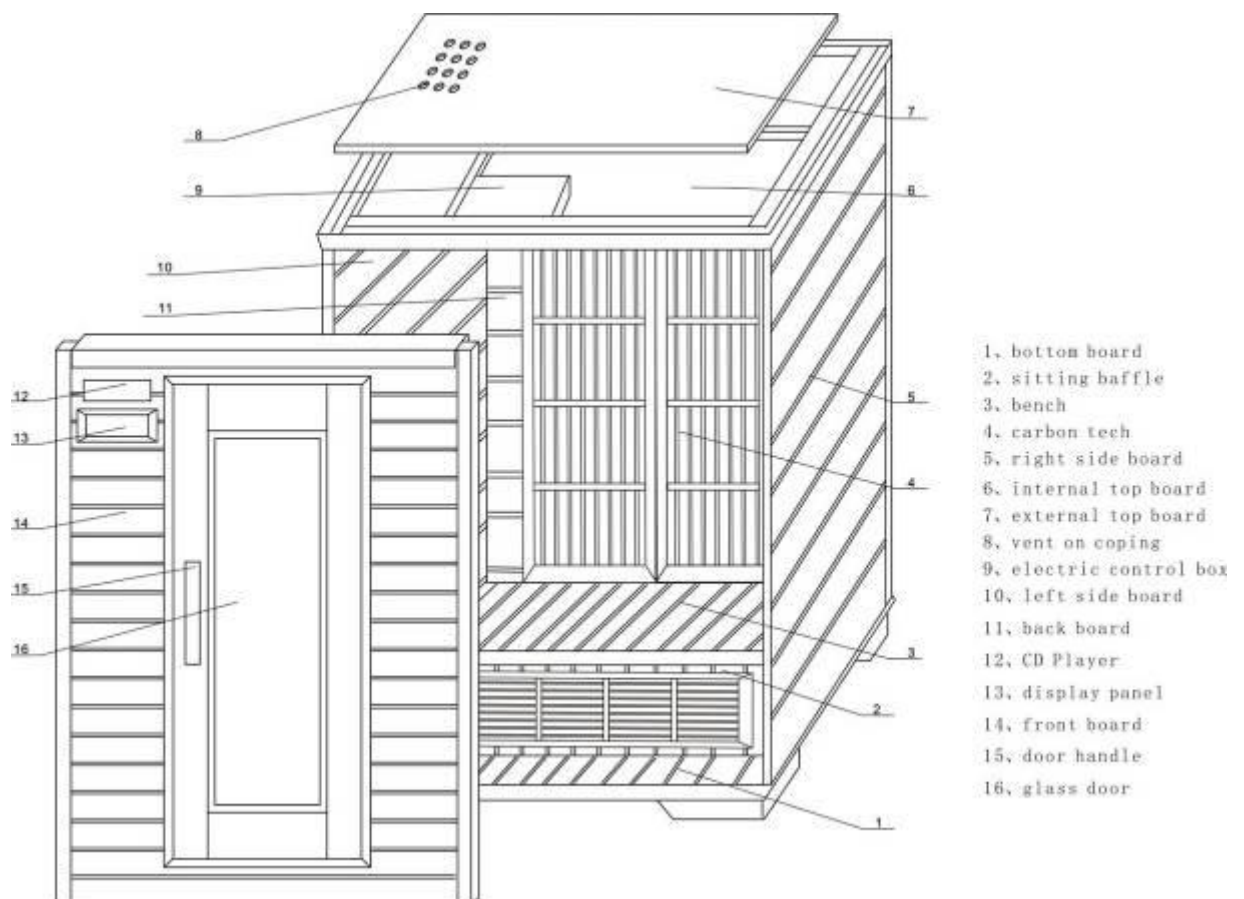
Installation requirements

- a. Do not plug any other appliances into the outlet with your our infrared sauna. Use only a dedicated circuit that is GFCI protected.
- b. Install the sauna on a completely level floor.
- c. Do not spray the exterior with water or place the sauna on a damp surface.
- d. Do not store flammable objects or chemical substances near the sauna.

Installation procedure

Sauna Room:

1. Structure of Infrared Sauna. **See FIG-1 (Note: CD player has been replaced with MP3 jack.)**



2. The Solo and Duet infrared saunas are packed into two cartons. **See FIG-2** for example: C/NO: 002 1OF 2 and C/NO: 002 2 OF 2 are for one unit.



FIG-2 Two cartons

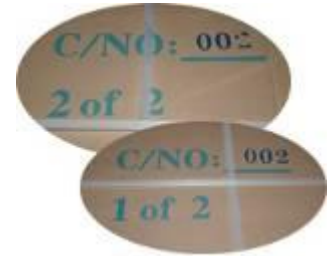
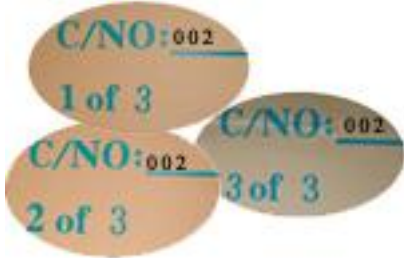


FIG-2.1 C/No.



The Trio infrared sauna is packed in 3 cartons, for example: C/NO: 002 1OF 3, C/NO: 002 2 OF 3 and C/NO: 002 3 OF 3 are for one unit;

3. Make sure all parts are present before installing the unit. See packing list below.

- | | | | | |
|-----------------|-------------------|--------------|---------------|---------------|
| A. User manual | B. Bottom section | C. Back wall | D. Left side | E. Right side |
| F. Seat support | G. Seat | H. Back rest | I. Front wall | J. Roof |
| K. External top | L. CD Player | | | |
| N. Screwdriver | O. Towel shelf | | | |

4. Place the bottom section (section 4, Sauna room diagram, p.3) in the desired location and make sure which side is the front and which side is the back. **See FIG-3.**



FIG-3 Placing bottom section



FIG-4 Assembling back wall

- Align the back wall with bottom section's corresponding battens; make sure they are in line. **See FIG-4**
- Align the left side with bottom section's corresponding battens; make sure left board fits flush into back wall. **See FIG-5**



FIG-5 Assemble left side



FIG-6 Latching

7. The latch has a guide tab that must be placed in the guide slot for alignment. Pick up the back wall (hold it upright to the bottom section) and place the tab in the slot, do not latch at this time. When the back wall and the front wall/side wall are set together on the floor section, close and latch it. **See Figure 6**



FIG-7 Assemble right side



FIG-8 Assemble seat supports

8. Align the right side with bottom section corresponding battens; make sure right side fits flush into back wall and latch together. **See FIG-6 and FIG-7**
9. Slide the seat support down vertically into the slot within left and right panel. Next, connect the bench's heater element wire to corresponding wire from the back wall, and then locate seat and slide into place. **See Figure 8, 9** Note: Make sure the wires are connected tightly; otherwise the heater will not work.



FIG-9 Connecting wire



FIG-10 Assemble seat

10. Put the seat horizontally on corresponding battens of the backboard. **See FIG-10**



FIG-11 Assemble front wall

11. Align the front wall (section 3) with bottom section's corresponding battens, and then latch it with the left and right sides respectively. Note: Take caution of the glass door to avoid damage. See FIG-11.

12. Pull the wires of front wall and back wall into the room to avoid pressing the wires during installation. **See FIG-12.** Open the door, raise the roof high enough to see if it fits with the surrounding sides, then put down.



FIG-12Setting the roof



FIG-13 Lead the heater wires through the holes in the roof

13. During the course of putting down the roof, make sure all the wires (mentioned above) and connecting plugs are slipped through the corresponding holes of the roof. All these wires will be connected to the controller on the roof. **See FIG-13**

14. **See FIG-14.** Connect all the wires and connectors to the corresponding outlets on the controller on the roof. Please be sure all the plugs are connected tightly.



FIG-14 Connectors on roof



FIG-15 Push down the wires into the room

15. After that, push down the power plugs of the speakers, temperature sensor, control panel and CD player

through the hole near the fan on the top board. **See FIG 15**

16. All the wires from the roof should be linked with corresponding connectors of the control panel and the temperature sensor and the radio antenna. Otherwise, the sauna will not function if any connections are missed. **See FIG 17-20.**

17. Make sure all steps are finished correctly, plug in the power and try using the sauna at first to make sure it will work properly. Then put the external top board (section 10) over the roof, and take out the power plug through the corresponding hole in the external top board. **See FIG-22**



FIG-22 Slip the power plug through top board

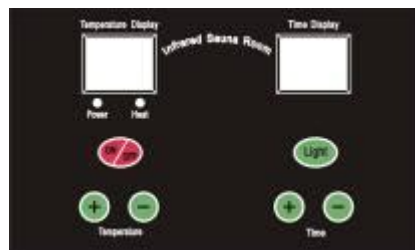


FIG-23 Attach the top board with screws

18. Affix the top board with screws **See FIG-23**

Installation Completed.

Operation



1. Precautions

- Check all the circuitry and the plug meet all requirements.
- Set the temperature and time to a comfortable level, normally, 60 minutes at 50-65°C (122°F-140°F)
Note: If ambient temperature is lower than 18.3°C(65°F), please set the temperature at about 122 °F; and if ambient temperature is higher than 18.3°C(65°F), please set the temperature at about 65°C(140 °F).
- Drink a cup of water before the sauna session.
- After 2 hours of continuous use, shut the sauna down for one hour.
- To avoid burns, do not touch the heating element.

2. Operation

- See electrical label on the unit, and plug the sauna into a proper wall outlet. Do not share the outlet with any other appliances. Plug the unit into the outlet and use the ON/OFF switch to activate the sauna. Sauna should be **unplugged** when not in use.
- Press the 'temperature' button to increase or decrease the temperature. If the 'heat' light is on, the temperature setting will increase one degree every time the '+' button is pushed. If pressed for three seconds, the setting will increase quickly. Decrease the temperature in the same manner by pressing the '-' button. After the sauna reaches the desired temperature, the 'heat' light turns off.
- Press the 'light' button to turn the light on and off.
- If the sauna is too stuffy, open the vent in the ceiling or open the front door.
- After your sauna session, turn off, and unplug the power cable.
- To set the time press the 'function' button until the 'time' button blinks. Press the '+' and '-' buttons to set the timer from 5 to 60 minutes. If pressed for three seconds, the timer will increase quickly. When the display reads '05', the timer will buzzes then the machine will shut off automatically after 5 minutes. To extend the sauna session, reset the timer again.
- The Fahrenheit and Centigrade display can be switched: press the temperature button "+" and "-" at the

meantime, then press the button of "light" to switch

h. CD Player (CD is the optional part)

Please read the instruction of our car stereo with CD player

Warnings

1. Safety precautions

- a. To avoid fire, do not dry clothes or leave any towels in the sauna.
- b. To prevent burns or electric shocks, do not touch or use metal tools on the net cover of the far infrared film elements.
- c. While in the sauna, do not touch the light bulb. If the bulb needs to be changed, switch it off and wait until the sauna is shut off and the bulb is cool
- d. Do not spray water on the far-infrared tube. This activity may result in electric shock or damage to the heater elements.
- e. Do not use the infrared sauna if you have any of the following conditions:
 - 1. Open wounds
 - 2. Eye diseases
 - 3. Sever sunburns
 - 4. Elderly & weak people, especially those suffering from a disease, pregnant women and infants are prohibited. Children over the age of 6 years may use the sauna under the supervision of adults.
 - 5. If suffering from a disease directly related to temperature, seek the advice of a doctor before using.
 - 6. Do not place pets in the sauna.
 - 7. Do not use the sauna if you are under the effects of alcohol.

Trouble Shooting:

	problem	possible reason	countermeasure
1	indicator light for power supply not working	The connector is not connected properly	Check the connector or replace a new one
		No power supply input	check the circuitry (especially weather there is power supply input)
		Indicator light is broken	replace the circuitry panel
2	Indicator light for function is not working	The heating indicator light is broken	Replace the relevant control panel
		The circuit board or components are broken	Replace the circuit board
		the temperature sensor is broken	check the connect is loosen and replace it
3	Infrared Heater not heating up	The heater is broken	Replace with a new one Of the same specifications
		The wire junction or the heater's wire is loosen	Check and make them tight

		the temperature sensor is broken	check junction of the temperature sensor is loosen and replace it
		the circuit board of the relay is not work	replace the circuit board
4	Odor from the sauna	The circuit's problems	1) there is eyewinker around, remove it 2) some heater's temperature over high, cut off the power supply, replace it 3) parts on the circuitry is broken
5	Light bulb is not working	Light bulb is burned out	Replace the light bulb
		Light bulb wiring is loosen	Replace the lamp holder
		Problems with electrical control panel	Repair or replace it
6	Sauna is not power up	Power cord is unplug	Plug back power cord to outlet
		Outlet has no power	Check outlet or circuit breaker
		Power supply or circuit panel is broken	Replace the power supply or related circuitry board
7	The temperature display show "EP"	The connector of temperature sensor is loose or sensor damaged	Tighten the connector of temperature sensor or change to a new temperature sensor.
8	The temperature display show "H"	The temperature inside the sauna room is too high	Turn off the unit, and contact the manufacture.
9	Speaker does not work	The speaker is broken	Replace with a new one of the same specifications
		The speaker wire is loosen	Reconnect the speaker wire
		The power indicator light for CD is off	Turn on the switch to start work
10	CD-Player doesn't work	Power connector is loose or damage	Check connector or replace it
		DC power supply is no power to the CD-player	Check DC power supply wiring or replace the power supply
		CD-player is defective	Replace the CD-player
		CD-player protection fuses is burnt out	Replace the fuses

USER MAINTENANCE INSTRUCTIONS

Cleaning

Clean the faceplate with a wet towel, or clean with a small amount of hand-soap mixed with warm water if necessary. Clean the sauna room with a wet cotton towel, dry with a clean dry towel. **Do no use benzene,**

alcohol, or strong cleaning chemicals on sauna. NOTE: Any chemical that can damage wood material will damage the sauna and the protection layer that is on the wood.

***** Do not leave the sauna or CD player on for more than 2 hours at a time. *****

Transportation and storage

1. Avoid exposure to rain, snow or strong collisions during transport.
2. Do not store in damp environments.