



Luminar

Installation / Instruction Manual

PLEASE READ THESE DIRECTIONS CAREFULLY BEFORE USE AND KEEP FOR FUTURE REFERENCE. THE INSTALLATION OF THE SAUNA REQUIRES A MINIMUM OF 2 PEOPLE. **YOU SHOULD NOT TRY TO INSTALL THE SAUNA ON YOUR OWN.**

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1. INSTALLATION PROCEDURE

CAUTION:

- 1) No plumbing or plumbing fixtures should be placed in the sauna.
- 2) Keep all liquids away from the heating panels.
- 3) Install sauna on a completely level surface.
- 4) Install sauna in an area that is dry.
- 5) Flammable objects and Corrosive chemical substances should be kept far away from the sauna.
- 6) Place your sauna on a level surface that will not flood. The saunas are very heavy so a solid foundation is recommended. While the Luminar saunas are designed to be placed outside, choosing a location without excessive rain and wind is highly recommended.

Each side panel has a white label to identify the side and direction. The panel with "LEFT" label should be placed on the left side (view from the inside of the sauna). The same goes with the other panels.

Frame and Heater Assembly (2 person & 5 person)

(The following pictures are used for your reference. Don't worry if your sauna has any differences from the pictures, please just follow the steps.)

1) Open sauna packages in a large area. Place Floor Panel on the desired location.



2) Secure and align Back Panel on the Floor panel vertically



3) Secure the Right Wall on the Floor panel the same way as the Back Panel.



4) Secure the Right Wall on the Floor panel in the same way.



5) Secure the Left Wall on the Floor panel in the same way.



6) Install the seat supports and connect to the power supply under seat.



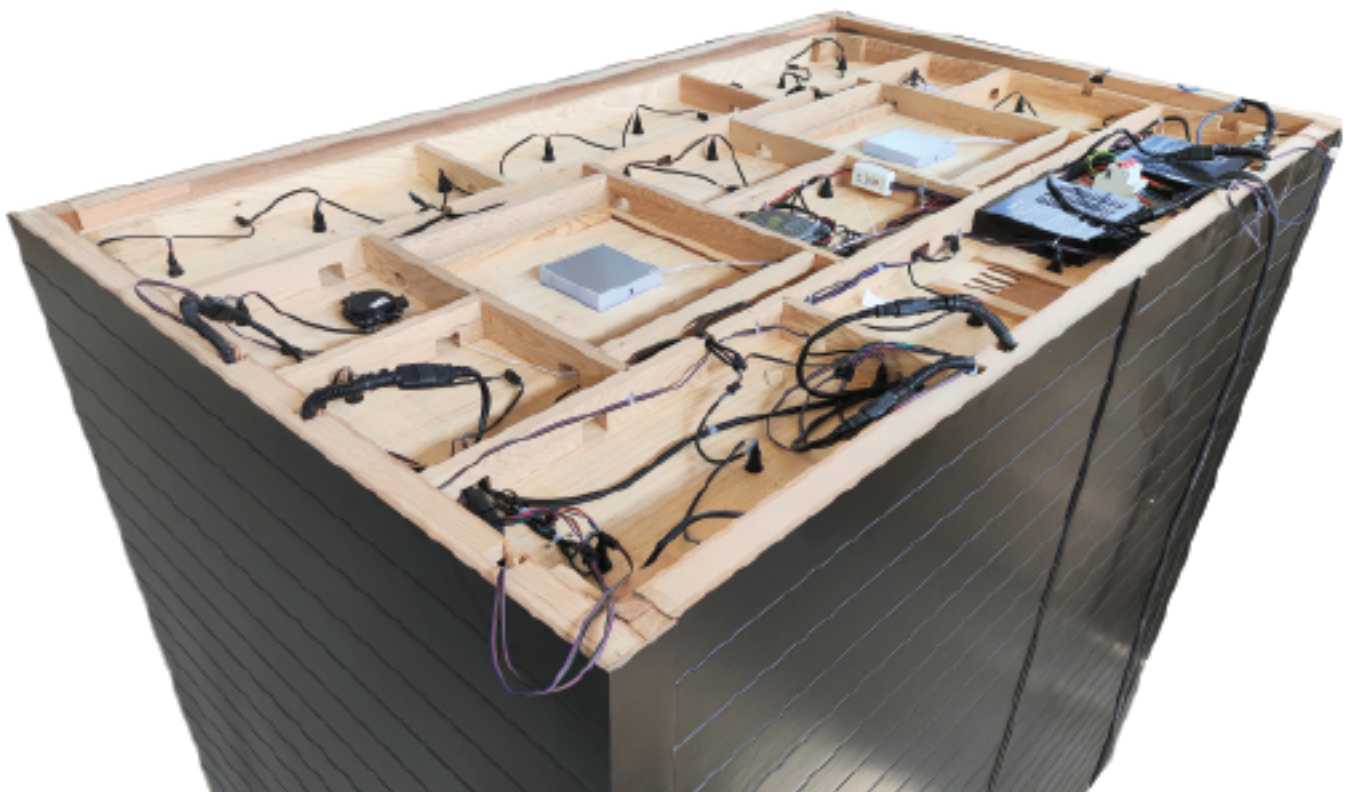
7) Install the benches and fasten with screws.

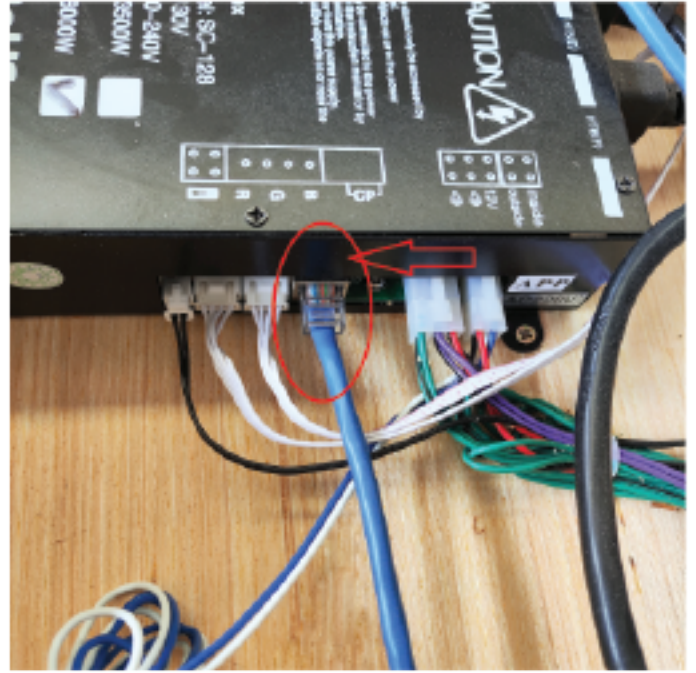


8) Install backrests with screws and connect the light strip with plug. The width of the four backrest is 18.11 inch. The width of the two side backrest is 20.27 inches.



9) Install the inner ceiling top and connect all plugs.





10) Install full spectrum heaters on glass via the provided screws and connect to the plugs.



11) Before installing the outer overhang ceiling, test the power and heaters. Once confirmed they are fully functional, then proceed with installing the roof



12) Install the roof and connect LED light strip to plug.



13) Power the unit on and test heaters, controls, and lights



14) Tighten the screws to secure the roof



Completed Sauna:



**Congratulations!
Installation is completed!**

For Towel rack, cup holder, magazine holder, and oxygen ionizer installation

Although there are small pre-drilled holes for the placement of these items, the towel rack, magazine holder, and cup holder can be placed wherever you prefer as long as you do not damage the wood. If installing in a different location, it would be a good idea to pre-drill the holes before you tighten the screws. The oxygen ionizer should be installed in the upper left of the back panel, where there is a small wire that should be fed from the top panel.

Oxygen Ionizer



Speaker



Chromotherapy Light



Cup Holder



Towel rack



Magazine Holder



2. OPERATIONAL INSTRUCTIONS

1) CAUTION

- 1) Check all the circuitry and the plug connections carefully.
- 2) Install a voltage regulator if the power is unsuitable.
- 3) Do not share the outlet with other electrical appliances to avoid danger.
- 4) Do not use the sauna room if under the influence of alcohol, drugs or medications.
- 5) Pregnant women or persons with poor health should consult their physicians before use.
- 6) Minors should be supervised in order to prevent injury.
- 7) Allow up to 30 minutes heat-up time.
- 8) Do not use the room for drying clothes, bathing suits, etc.
- 9) Do not put animals in the room.
- 10) After 2 hours of continuous use, shut the sauna down for one hour.
- 11) When installing and using this electrical equipment, basic safety precautions should always be followed.
- 12) Do not use the sauna immediately following strenuous exercise. Wait at least 15 minutes to allow the body to cool down completely.
- 13) Excessive temperatures have a high potential for causing fetal damage during the early months of pregnancy. Pregnant or possibly pregnant women should contact their physician prior to using the sauna.
- 14) **Hyperthermia Danger:** Prolonged exposure to hot air will induce hyperthermia. Hyperthermia occurs when the internal temperature of the body reaches a level several degrees above the normal body temperature of 98.6F (37C). While hyperthermia has many health benefits, it is important not to allow your body's core temperature to rise above 103F (39.5C). Symptoms of excessive hyperthermia include dizziness, lethargy, drowsiness, and fainting. The effects of excessive hyperthermia may include failure to perceive heat, failure to recognize the need to exit, unawareness of impending hazard, fetal damage in pregnant women, physical inability to exit the sauna, and unconsciousness.
- 15) Persons suffering from obesity or with a medical history of heart disease, low or high blood pressure, circulatory system problems, or diabetes should consult a physician prior to using the sauna.
- 16) Persons using medications should consult a physician before using the sauna since some medications may induce drowsiness while others may affect heart rate, blood pressure, and circulation.
- 17) Exercise care when entering or exiting the sauna.
- 18) Never sleep inside the sauna while the unit is in full operation.
- 19) Do not use any type of cleaning agents on the interior of the sauna.
- 20) Do not stack or store any objects on top of or inside the sauna.
- 21) If the power supply cord becomes damaged, it must immediately be replaced by the manufacturer or its agent or a similarly qualified person to avoid a hazard.
- 22) Do not use the unit during an electrical storm, as there is a remote risk of shock.
- 23) Altering or tampering of any electrical connections on the power supply will void the manufacturer's warranty.
- 24) Dry your hands before handling electrical controls. Never unplug the power cord or adjust the controls with wet hands or when you have wet bare feet. A danger of electrical shock exists. Do not attempt any repair without consulting the manufacturer first. Unauthorized repair attempts will void manufacturer's warranty.
- 25) We strongly recommend the use of a GROUND FAULT CIRCUIT INTERRUPTER (GFCI) device in any potentially wet locations.
- 26) To safeguard against burns, do not touch heaters or lamps directly

2) USE ENVIRONMENT

- 1) Temperature: 0-65 C; / 0-150 F
- 2) Comparative humidity: <85%;
- 3) Atmospheric pressure: 700hpa~1060hpa;
- 4) Power: AC 220V±22V, 50HZ±1HZ.

3) OPERATIONAL INSTRUCTIONS

PHYSICAL CONTROL PANEL:



Note: All the control panel cables must be connected prior to use.

1. Temperature +/ Previous song/manual search: infrared mode (heaters on) can be activated via the plus key on the temperature setting. Controlling the speaker volume is also controlled via the temperature buttons
2. 2.Temperature Display: Press arrow UP or DOWN to set desired temperature. Press the two arrows together to convert Celsius into Fahrenheit.
2. Temperature -/ Next song/manual search: the infrared mode is the temperature setting minus key, the music mode is the next song, the radio mode is the down manual search.

PHYSICAL CONTROL PANEL:

3. Time +/ Volume + key: infrared mode for the time setting plus key, music and radio mode for the volume plus.
4. Time -/ Volume - key: Set the reduction key for time in infrared mode, and the volume reduction for music and radio mode.
5. FM Radio: enter the radio mode, press the temperature plus or minus key to search the station 5 seconds later, this opportunity will automatically jump to the physiotherapy mode. Press to display radio status and press to disable the radio function.
6. Bluetooth /USB function key: Press for 5 seconds to enter Bluetooth mode, then press the key to display Bluetooth status, and then press to turn off Bluetooth function. After connecting Bluetooth with mobile phone, Bluetooth music can be played on the device, and hold this key to enter USB mode for 5 seconds, then this key will automatically jump to infrared mode. Hold this key to display the USB status and press again to turn off the USB function. You can play MP3 music after inserting the USB disk with copied MP3 music.
7. Color lights on key: the order is RGB->R->G->B->RG->RB->GB->Turn off the physiotherapy light -> automatic cycle, a total of nine modes.
8. Internal light control key: press to turn on the external light and then press to turn off.
9. External light control key: press to turn on the internal light and then press to turn off.
10. Infrared function switch key: prss this key to open the infrared heating body and then press to close, hold this key to convert degrees Fahrenheit and degrees Celsius.
11. Switch on and off button: press on and then press off.
- 12.USB/MP3

Mobile App Control Panel



1. Power button: press to start and then press to shut down.

2. Temperature +/ Previous song/manual search: infrared mode is the temperature setting plus key, music mode this key is the previous song, radio mode this key is the upward manual search. 2. Temperature Display: Press arrow UP or DOWN to set desired temperature. Press the two arrows together to convert Celsius into Fahrenheit.

3. Temperature -/ Next song/manual search: the infrared mode is the temperature setting minus key, the music mode is the next song, the radio mode is the down manual search.

4. Time +/ Volume + key: infrared mode for the time setting plus key, music and radio mode for the volume plus.

5. Time -/ Volume - key: Set the reduction key for time in infrared mode, and the volume reduction for music and radio mode.

6. Color lights on key: the order is RGB->R->G->B->RG->RB->GB-> Turn off the physiotherapy light ☒ automatic cycle, a total of nine modes.
8. Internal light control key: press to turn on the external light and then press to turn off.
9. External light control key: press to turn on the internal light and then press to turn off.
10. FM Radio: enter the radio mode, press the temperature plus or minus key to search the station 5 seconds later, this opportunity will automatically jump to the physiotherapy mode. Press to display radio status and press to disable the radio function.
11. Bluetooth /USB function key: Press to enter Bluetooth mode for 5 seconds, then press this key to display Bluetooth status, and then press to turn off Bluetooth function. After connecting Bluetooth with mobile phone, Bluetooth music can be played on the device, and long press this key to enter USB mode for 5 seconds, then this key will automatically jump to infrared mode. Long press this key to display the USB status and press again to turn off the USB function. You can play MP3 music after inserting the USB disk with copied MP3 music.
12. Infrared function switch key: short press this key to open the infrared heating body and then press to close, long press this key to convert degrees Fahrenheit and degrees Celsius.
- 14.USB/MP3
- 15.This key can convert degrees Fahrenheit and degrees Celsius.
- 16.Mobile APP connection: Open the mobile browser on your phone, scan the QR code below on the device, install the APP according to the mobile prompts, open the APP and turn on the mobile Bluetooth after installation, and search for the connected APP in the APP Settings.



Android APP QR code



Iphone APP QR code



Overseas Android APP QR code

4) TROUBLESHOOTING

	Possibility	Repair Method
1	The bulb fuse is burned up.	Change a bulb.
2	The bulb and the socket are not connected well.	Pull out the bulb and check the socket, change the socket if necessary. Then plug it
3	The fuse is burned up.	Change a fuse. On the top of ceiling.

II. THE CONTROL PANEL IS OUT OF ORDER

	Possibility	Repair Method
1	The cable of control panel is not connected well.	Check the cable connection and fix it properly.
2	The fuse is burned up.	Change fuse located on the top of ceiling
3	The indicator light of power is on, but no led display	Most likely will need a new control panel

III. THE FAR INFRARED HEATERS ARE OUT OF ORDER

Phenomenon	Possibility	Repairing Method
1 One of heaters cannot heat.	1) The heater is not connected properly	Check connection
	2) The heater needs replacement	Replace heater
2 All heaters cannot heat.	1) The power plug is not connected properly	Check power plug
	2) The heaters are not properly connected	Fix the connections
	3) Relay malfunction	Change relay
	4) Control panel malfunction	Change control panel

5) MAINTENANCE

- Before using your sauna for the first time, clean the inside of the sauna with a damp cloth.

Use your favorite furniture polish on the exterior.

- Place a towel on the bench to absorb any perspiration. Wash these often to maintain a clean and pleasant environment inside your sauna.

- Perspiration may darken the wood over time. This can be removed by a light sanding with fine grit sandpaper.

- Unlike a traditional sauna, infrared heats the body directly. Air temperature in the sauna is not as important as the type and quality of the infrared being received. We recommend the following protocol: a. Turn the sauna on for 10-15 minutes to allow the heaters to come up to optimal temperature and for the cabin to warm to a comfortable temperature. b. When you enter the sauna, set the time to the desired session time and turn the thermostat up to 158 degrees. This will keep the heaters on the entire time to ensure that you are receiving constant infrared heat. During a 30 minute sauna session, the air temperature will reach between 115- 125F

I. The sauna room should be kept clean and odor free.

II. Damp towels should always be used on benches otherwise perspiration penetrates the soft wood.

III.

IV. Air out the room often by keeping the door and vents open when the room is not in use.

V. Saunas that are in daily use should be washed down at least once a week to keep them clean and the air fresh.

VI. Inspect benches regularly for required maintenance.

VII. To clean and remove perspiration stains, use soap or detergent in warm water, best applied with a scrub brush

VIII. Badly soiled surfaces may require sanding. Sandpaper wrapped around a wooden block works well.

DISCLAIMER

Our Saunas and its associates do not provide medical guidance. Consult a doctor for medical advice. All of the information contained in this manual is for information purposes only. We reserve the right to change, without notice, anything contained within the manual. Our Saunas shall not be held responsible for printing variations. Color variations may occur. Some models are shown with optional features.

8) SPECIFICATIONS

Type		Capacity (Person)	Size (L×W×H mm)
Luminar	002	Two Person	51.5*57*82inch
	005	Five Persons	51.5*82*82inch

IMPORTANT SAFEGUARDS

1. READ INSTRUCTIONS - All safety and operating instructions should be read before the sauna is installed & operated.
2. RETAIN INSTRUCTIONS - The safety and operating instructions should be retained for future reference.
3. HEED WARNINGS - All warnings on the sauna should be adhered to.
4. FOLLOW INSTRUCTIONS - All operating and usage instructions should be followed at all times.
5. CLEANING - Unplug the sauna from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleansers inside the sauna. Use a damp cloth for cleaning.
6. ATTACHMENTS - Do not use attachments that are not recommended by the manufacturer as they may cause hazard.
7. WATER OR MOISTURE - Do not use this product near water-for example near a bathtub, in a wet basement, or near a swimming pool or similar area.
8. GROUNDING OR POLARIZATION - This sauna is intended for use with a 3-wire properly grounded power socket Do not defeat the safety purpose of the supplied line cord and plug.
9. POWER SOURCES - This product should be operated only from the required type of power source indicated on the marking label. If you are not sure of the type of power supplied to your home, consult your local power company.
10. POWER-CORD PROTECTION - Power supply cords should be routed so they are not likely to be walked on or pinched.
11. LIGHTNING - For added protection for this product during a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet.
12. OVERLOADING - Do not overload wall outlets and extension cords as this can result in a risk of fire or electrical shock.
13. SERVICING - Always unplug this product from the wall outlet before servicing the product.
14. POWER SUPPLY - Do not remove power supply covers. No user-serviceable parts are located inside the power supply.
15. REPLACEMENT PARTS - When replacement parts are required, only use parts specified by the manufacturer. Unauthorized substitutes could result in fire, electrical shock or other hazards.
16. SAFETY CHECK - Upon completion of any service or repairs to this product by a service technician, ask the technician to perform safety checks make certain that the product is in proper operating condition.

WARRANTY:

Sun Home Saunas offers a 6-year limited warranty on your Luminar outdoor infrared saunas. This includes 6 years on all carbon heaters and 1 year on all other components, including the cabin, controller, full-spectrum heater, oxygen bar, color light and light strip.

GENERAL WARRANTY INFORMATION

Sun Home Saunas, at its own discretion, will provide free replacement of any defective parts or components that have been installed, used, and serviced normally within the specified warranty period. If repair or replacement is not feasible, Sun Home may opt to reimburse the purchase price in exchange for the return of the product. Please note that replacement parts may not be identical to the original ones, and their availability is subject to change. These remedies represent the only available options.

We guarantee our sauna against defective material and/or workmanship for a period of 12 months from the purchase date. We warranty the replacement of heaters and any electronic components associated with the sauna for the life of the sauna to its original purchaser. Variations in wood texture, color, and normal wear are not covered by any warranty. We do not warranty the CD/DVD/LCD System as it carries its own manufacturer's warranty.

The warranty is deemed void if the sauna has been misused, altered, or open to the elements of weather. Any deviation from the instruction manual causing damage to sauna will not be under warranty. Our Saunas and any of its subsidiaries and/or associates shall not be held responsible for any misuse of the sauna by customer. Our Saunas shall not be liable for any damage and/or injury caused by customer misuse of product. Customers shall use sauna at their own risk.

Conditions are subject to change without notice.

I. Any damages sustained to sauna set during transportation are not covered by this warranty. Claims for damage must be filed through transport/shipping Company. Any damage must be reported on the Bill of Lading through transport shipping company.

II. You're welcomed to give us suggestions.

To initiate a warranty claim for a product, please contact our customer service department:

Sun Home Saunas
1804 Garnet Ave, #216
San Diego, CA 92109

info@sunhomesaunas.com

WARRANTY EXCLUSIONS AND LIMITATIONS:

Warranty periods for all covered components start from the date of delivery, and are only applicable to the original purchaser or owner.

This warranty does not cover the water filter or any loss of o-rings, filters, or gaskets for any cold plunge or other applicable products. Additionally, any other components not specified for the specific product in the above section will not be covered.

This Residential Limited Warranty becomes void if the item is used in a commercial setting, altered, neglected, misused, abused, or if freight damage occurs during transit. Additionally, any repairs attempted by someone other than a designated representative, or if the failure is caused by accident, acts of God, or other uncontrollable factors beyond the control of the manufacturer, will void the warranty. Neglect, misuse, and abuse include any installation, operation, or maintenance of the item not following the instructions provided in the owner's manual, including improper water chemistry and the use of abrasive or non-genuine cleaning agents or parts.

This warranty entails the replacement of parts found to have defects in materials or workmanship that were manufactured or supplied by Sun Home Saunas. All manufacturing defects are covered. However, certain conditions are excluded from the warranty, such as damage resulting from poor water chemistry, neglected filter care and replacement, freezing conditions, power outages, insufficient attention to low water flow, or any other form of neglect, misuse, or abuse. Regular maintenance of the product is the customer's responsibility, and any issues arising from a lack of proper maintenance or water chemistry/balance will not be covered.

Repairs performed by unapproved individuals are not covered under this warranty, and the product owner assumes full liability for such repairs. This warranty is for parts only. The warranty does not cover any service or labor costs.

In the event of any liability on the part of the manufacturer, Sun Home Saunas, it shall not exceed the original purchase value of the product covered under this warranty. Sun Home Saunas will not be held responsible for any incidental damages, such as freight damage or any other consequential damage. Additionally, Sun Home Saunas is not liable for any injury or loss resulting from any defect covered under this Limited Warranty, whether incidental or consequential, including but not limited to the loss of use of the tub, even if Sun Home Saunas was aware of the potential damage beforehand.

Regular required maintenance of products, such as tightening bands on the barrels or cleaning and staining wood, is not covered by this warranty. Please refer to your assembly manual for specific maintenance guidelines.

Sun Home will not indemnify the customer against any loss, damages or legal expense.

This Limited Warranty does not cover the accessories, such as insulating covers, or any items attached to or installed on the item after the date of manufacture, nor does it cover gaining access to any component for repair or replacement. The owner accepts responsibility for repair work performed by anyone other than the manufacturer.

LIMITATIONS ON IMPLIED WARRANTIES:

Please be aware that this Limited Warranty is the exclusive warranty provided by Sun Home Saunas and supersedes any prior, contrary, or additional representations. All other warranties, express or implied, including any statutory warranty or condition of merchantability or fitness for a particular purpose, are disclaimed, except where prohibited by law. Such warranties, if applicable, are limited to the duration of the warranty periods mentioned above. This exclusion applies even if this warranty fails its essential purposes and regardless of whether damages are sought for breach of warranty, breach of contract, negligence, or strict liability in tort or under any other legal theory. In no event is Sun Home Saunas liable for any other form of damages, whether direct, indirect, liquidated, incidental, consequential, punitive, exemplary, or special damages, including but not limited to the loss of profit, anticipated savings or revenue, income, business, production, opportunity, or reputation. Please note that some jurisdictions may not allow the exclusion or limitation of incidental or consequential damages, so the above limitation may not apply to you. This Limited Warranty provides you with specific legal rights, and you may also have other legal rights that vary from state to state.

LEGAL RIGHTS:

This Limited Warranty provides you with specific legal rights. No other warranties apply to Sun Home products except as expressly stated herein or as implied by applicable state and federal laws. You may have additional rights that vary from state to state. Some states do not allow limitations on how long an implied warranty lasts or the disclaimer of certain warranties, or the exclusion or limitation of incidental or consequential damages, so some of the above limitations may not apply to you.