

Instructions:

Love your Sauna.
Live a Radiant Life.

(details inside)



Radiant Health

Radiant Health Saunas Instruction Manual
MODEL EC-3H (IG-870-RH)

Read All Instructions Carefully Before Using Your Sauna



PRECAUTIONS BEFORE USE

- Read all instructions before using this appliance.
- Serious injury may result if warnings and instructions below are not observed.
- When using an electrical appliance, basic precautions should always be taken, including the following:

DANGER

- To reduce the risk of burns, fire, electrical shock, or injury:
- Connect the power cord to a properly grounded outlet only.
- Use this appliance for its intended purpose only, as described in this manual. Do not use attachments that are not recommended by the manufacturer.
- Keep the electrical cord away from heated surfaces.
- Heaters must not be subjected to water spray; shower heads must not be installed within the sauna.
- Never operate this appliance if it has a damaged cord or plug, if it is not working properly or if it has been dropped or damaged. For technical support or questions on operating the sauna please call Radiant Health Customer Support at 1-888-291-6544.

THE FOLLOWING WARNINGS ARE REQUIRED FOR BOTH CONVENTIONAL AND INFRARED SAUNAS FOR ELECTRICAL APPROVAL IN THE US AND CANADA:

- If you have any health problem or condition, consult your physician for permission to use the sauna; "health problems" include but are not limited to: acute diseases, malignant tumors, high blood pressure, low blood pressure, heart disease, allergic dermatitis, pregnancy, etc.
- Children must be supervised at all times in the sauna.
- Should you have any abnormal feeling with your body while using the sauna, immediately exit the sauna.
- If you feel uncomfortable while using the sauna, stop immediately and consult with your doctor.
- Discontinue use if nervousness, tremor, headache, feeling of sickness or nausea occurs.

CAN/CSA E60 335-2-53-05 SECTIONS 39.6 AND 39.7 SAUNA HEATING APPLIANCES

Prolonged exposure to elevated temperatures is capable of inducing hyperthermia.

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

Hyperthermia occurs when the internal temperature of the body reaches a level several degrees above the normal body temperature of 98.6°F. The symptoms of hyperthermia include an increase in the internal temperature of the body, dizziness, lethargy, drowsiness, and fainting.

The effects of hyperthermia include:

- a) Failure to perceive heat;
- b) Failure to recognize the need to exit the sauna;
- c) Unawareness of impending hazard;
- d) Fetal damage in pregnant women;
- e) Physical inability to exit the sauna; and
- f) Unconsciousness.

ELECTRICAL CAUTION - DO NOT PLUG THE SAUNA POWER CORD INTO AN ELECTRICAL OUTLET UNTIL SAUNA ASSEMBLY IS COMPLETED.

PRE-ASSEMBLY INFORMATION

- 2 Adults are required for the assembly and installation of the sauna.
- Assembly Tools required: Phillips Screwdriver.

Box #1: Floor, Ceiling, Bench Skirt, Bench, Stereo & Manual, Cup holder(s), Door handle

Box #2: Front Left Wall, Front Right Wall & Door

Box #3: Back Left & Back Right Walls

ELECTRICAL REQUIREMENTS

The Sauna is designed for a 15 Amp Circuit Breaker.

READ BEFORE INSTALLATION

- Each panel is heavy. Be careful to avoid injury, especially when positioning the Ceiling.
- The panels should be installed in the following order: 1. Floor Panel, 2. Back Left Panel, 3. Back Right Panel, 4. Front Left Panel, 5. Front Right Panel, 6. Left Bench Support Panel, 7. Right Support Panel, 8. Left Bench Surface Panel, 9 Right Bench Surface, 10. Door Panel, & 11. Ceiling.
- There are metal plates with pins or a slot on the sides of each panel; they will interlock the panels together. The panel with the slot should be lifted up about 1-2" (2.5-5 cm) higher than the panel with the pin (Picture 1); place the slot panel against the panel with the pin (Picture 2), and then slide the panel down until the two panels are equal in height (Picture 3). If they are not equal in height or there is an obvious gap between the two panels, they are not properly attached, and you should try again.

SAUNA ASSEMBLY INSTRUCTIONS

Note:

Some of the pictures may not depict your sauna exactly, please follow the directions carefully.

**Floor Panel (Box #1)**

- Locate the Floor Panel on a level surface and no more than 6 feet (2m) from a power outlet.
- Position the Floor Panel so that the metal power box and the electrical power cord are located at the rear.

Note:

Place the Ceiling, Bench Skirt and Bench to the side until the appropriate steps.

Note:

Place the power cord on the ground to the side of the floor; be sure that all wires and connectors on the sauna floor are clear of the slots around the perimeter..

Note:

Do NOT Plug the Sauna's power cord into the Outlet yet.

Left Back Wall (Box #3)

Note:

After opening the Box 3 -- store the Front Wall Panel until that step of the assembly process.

Control the glass door from swinging open when moving the Front Wall Panel to prevent breakage.

- Place the Left Back Wall section into the back slot of the Floor Panel.
- The Left Back Wall section must be held in place until the Back Right Wall section is added.



Right Back Wall (Box #3)

- Place the Right Back Wall section into the right slot of the Floor Panel.
- Attach Right Back Wall to the Left Back Wall by lifting up the Right Wall sliding into the Back Left Wall bracket.



Left and Right Front Walls (Box #2)

- Place the Left Front Wall section into the left slot of the Floor Panel.
- Attach the Left Back Wall to the Left Front Wall by lifting up the Left Front Wall sliding into the corner interlock brackets.
- Place the Right Front Wall section into the right slot of the Floor Panel.
- Attach the Right Back Wall to the Right Front Wall by lifting up the Right Front Wall sliding into the corner interlock brackets.

**Note:**

When wall panels are connected in place properly the corners will be level and flush on top. If one panel sits up higher than another, the panel is not locked in place properly or there is something under the panel.



Bench Skirt

- Insert the Left Bench Skirt in between the Right Back Wall and the Left Front Wall Panel tracks.
- Slide the Bench Skirt all the way to the floor. Do not pinch any wires under the skirt.
- Insert the Right Bench Skirt in between the Left Bench Skirt and the Right Front Wall.



Bench Top (Box #1)

- Slide the Long Bench seat down against the back wall with the Power Junction Box facing you.
- Tilt the Bench against the Back Wall so it will remain standing.



Electrical Connections (Under Bench - Left Side)

- Connect wire L1 from the distribution plate to L1 from the Left Front Wall Panel.
- Connect wire B1 from the distribution plate to B1 from the Left Back Wall Panel.
- Connect wire B2 from the distribution plate to B2 from the Right Back Wall Panel.
- Connect wire S2 from the distribution plate to S2 from the Bench Top.
- Connect wire S4 from the distribution plate to S4 from the Bench Skirt.



Bench Top (Left Side)

- Install the Left Bench Top by tucking the back of the bench under the heater guard. Push the Bench Top all the way to the Left Back Wall.
- The bench top should fit down flush from front to back.



Electrical Connections (Under Bench-Right Side)

- Connect wire #3 from the distribution plate to #3 from the Back Wall harness.
- Connect wire #4 from the distribution plate to #4 from the Back Wall harness.
- Connect wire #5 from the distribution plate to #5 from the Back Wall harness.



- Connect wire R1 from the distribution plate to R1 from the Right Wall junction box.



- Connect wire S3 from the distribution plate to S3 from the Bench Skirt.
- Connect wire S1 from the distribution plate to S1 from the Bench Top.



- Locate the electrical switch on the black Master Control Box and ensure the switch is on.



Bench Top (Right Side)

- Install the Right Bench Top by tucking the back of the bench under the heater guard. Push Bench Top all the way to the Right Back Wall.
- The bench top should fit down flush from front to back



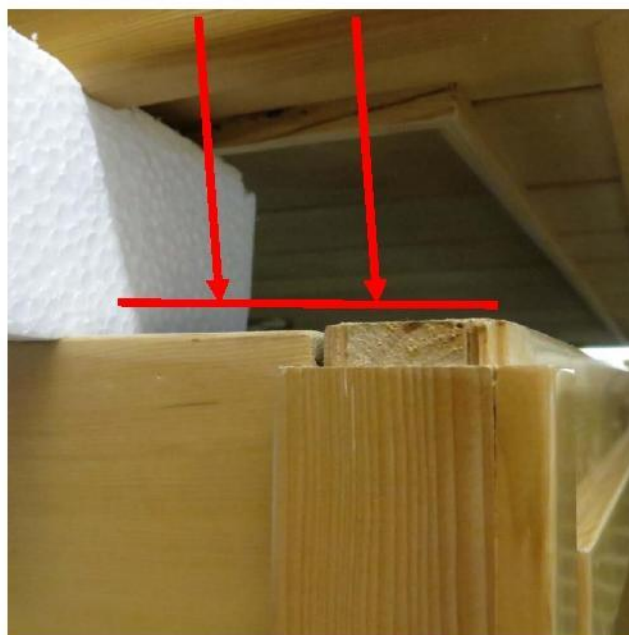
Front Wall (Box #1)

- Place the Front Wall into the Floor section slot.
- Attach the Front Wall to the Right and Left Walls by sliding the Front Wall back.
- Close latches inside the sauna between the side Front Walls and Front Wall.

**Note:**

Secure the door from swinging open and breaking while setting the Front Wall Panel. It may be helpful to press your knee against the Front Wall Panel while lowering into place.

- The Front Wall Panel should now be held tightly in place by the corner interlock brackets. The top of all of the walls should be level and flush.



Ceiling (Box #1)

- Install large Styrofoam packing squares on top of the Right & Left Wall Panels. One block should be placed in the front portion and one toward the rear portion of each wall.
- The ceiling can now be set in place on top of the Styrofoam blocks.



- Once the Ceiling Panel is lined up directly above the Wall Panels; insert the wire harnesses from the Wall Panels through the holes in the Ceiling Panel.

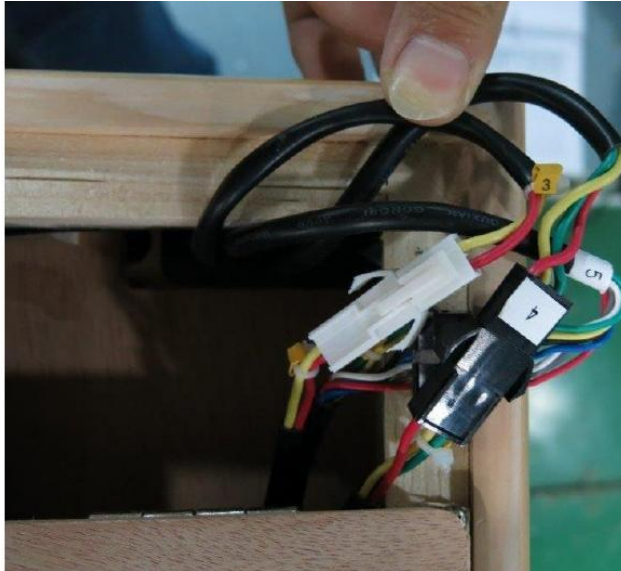


- Lower the Ceiling Panel by removing the rear Styrofoam blocks first and then the front blocks. Be sure not to pinch any wires under the Ceiling Panel.



Electrical Connections (Inside the Ceiling Panels)

- Open all hatch doors on the ceiling to locate the necessary electrical plugs.
- Access the connectors and connect them according to the labels on the harness.
- Connect wire #3 from the Back Wall harness to the Ceiling wire #3.
- Connect wire #4 from the Back Wall harness to the Ceiling wire #4.
- Connect wire #5 from the Back Wall harness to the Ceiling wire #5.



Electrical Connections (Inside the Ceiling Panels)

- Connect Left Back Wall wire to Ceiling wire #1

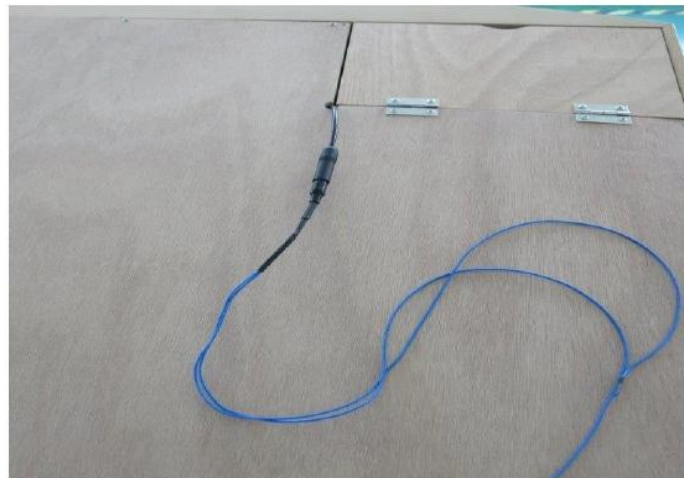


Electrical Connections (Inside The Ceiling Panels)

- Connect Wall wires FR to the Ceiling wires FR.



- Remove the radio antenna from the Ceiling Hatch by pulling out wire.
- Spread blue antenna wires and lay across the roof of the sauna.



Sauna 120 Volt AC Power Cord

- Plug the Sauna power cord into a 15 Amp wall outlet.



Cup Holder

- Place the cup holder on the wall to the pre-attached wood mount.
- Slide the cup holder down on the wood mount.



Door Handle

- Your sauna comes equipped with a door handle.
Locate brown box (typically in the floor/ceiling carton).
- **Step 1.** Separate two pieces by loosening four set screws with Allen wrench provided.
- **Step 2.** Remove bolts and spacer from the first handle piece.
You will need a Phillips Screwdriver.
- **Step 3.** Ensuring gasket remains on both sides of door; re-attach the bolt from outside the glass through to the inside handle section.
Place one plastic gasket on each side of the glass.
Repeat for the bottom of the handle.
- **Step 4.** Once secure and tight to inside handle section, tighten with a Phillips Screwdriver.
- **Step 5.** Attach exterior portion of door handle on to bolt section and tighten all four set screws with an Allen wrench.



Step #2



Step #3



Step #4



Step #5

THE SAUNA IS NOW READY TO USE

CONTROL PANEL INSTRUCTIONS

Main Power: Press POWER to switch sauna ON or OFF

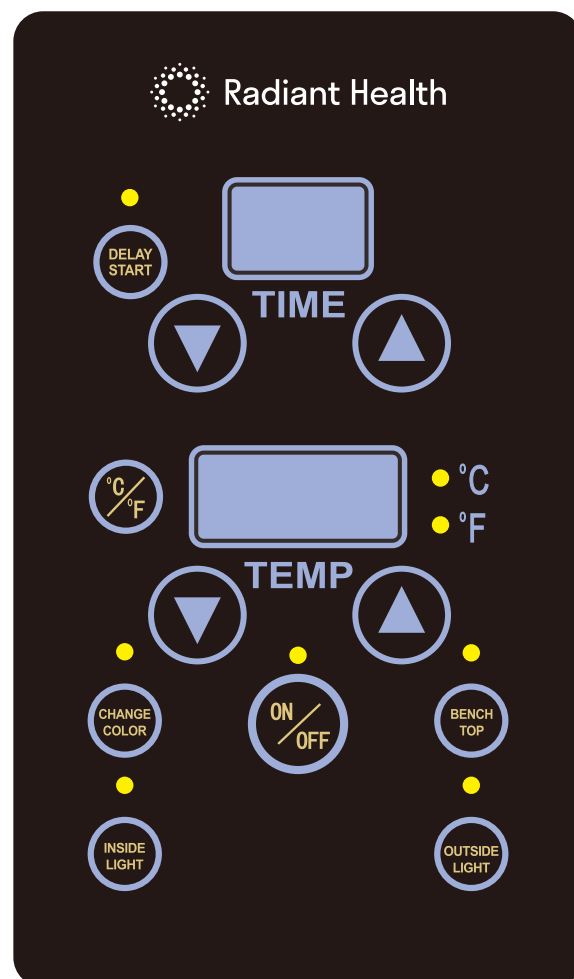
Timer Functions

Start Immediately

- Ensure the "Delay Start" LED is not glowing.
- Press and hold ▼ or ▲ to set operating time.
- Increases time in 5 minute increments.
- Decreases time in 5 minute increments.

Delayed Start

- Press power to switch on.
- Select desired temperature and set timer for 60 mins.
- Press "Delay Start" button, the green LED light above the button will come on.
- Press and hold ▼ or ▲ to add time before the sauna will start.
- Increases time in 1 hour increments
- Decreases time in 1 hour increments.
- Do not press the ON/OFF button at the end, as this will turn off the Delayed Start feature.
(The sauna is not powered on at this time)



Temperature Functions

- Press to alternate between either C or F: it will light to indicate the units desired.
- Press and hold ▼ or ▲ to set the desired sauna temperature setting.
- Pressing once will increase or decrease the desired setting in one-degree increments.
- The maximum temperature set-point is 149°F/65°C.
- Once the desired sauna temperature is set it will flash 3 times.
- The 4th flash remains lit and displays the actual sauna temperature.
- Press to turn Bench Heat ON or OFF.

Light Functions

- Press "Inside Light" to turn ON or OFF.
- Press "Outside Light" to turn ON or OFF.

Color Feature Functions

Press "Change Color" Button to activate a color light or sequence. The following details this sequence:

- 1st press - RED
- 2nd press - RED-GREEN
- 3rd press - GREEN
- 4th press - BLUE-GREEN
- 5th press - BLUE
- 6th press - BLUE-RED
- 7th press - BLUE-RED-GREEN
- 8th press - Activates full rotation of all 7 color lights in sequence note above
- 9th press - Turns Color Feature Functions OFF

Bench Warmer

The bench warmer is designed to regulate itself and may cycle on and off to maintain a desired temperature. Turning off the bench warmer will stop it from cycling..

STEREO OPERATIONS

Stereo with USB/AUX/Radio/CD - See Stereo Manual in Box #1.

WARNINGS

Please read the following warnings carefully, to reduce the risk of burns, fire, electrical shock, or injury:

- Do not put the sauna in a moist environment.
- Place the sauna on a level surface.
- Do not repair the product by yourself. Contact Radiant Health's Customer Support at 1-888-291-6544.
- Do not disassemble the product by yourself except as indicated in the manual.
- Do not spray the heaters with water.
- Do not use any sharp tools on or near the heaters (severe damage may result).
- Do not use the product for any purpose other than originally designed and intended.
- Do not directly touch the heaters with your hands or body for extended periods of time.

Note:

If you are taking any medication, or under the care of a Physician, always consult with your doctor prior to sauna usage.

SUGGESTIONS FOR USE

- To enjoy an optimal sauna experience, turn on the power and set the temperature to 149°F/65°C for 20-30 minutes before entering.
- After 20-30 minutes of preheating, most people find the sauna is at a comfortable temperature to begin their sauna use - usually between 115°F and 120°F (46°C and 49°C). The sauna temperature will continue to climb, towards the set-point temperature.
- If the sauna feels too hot during use, open the ceiling vent or adjust the temperature down.

ADDITIONAL USAGE WARNINGS LOCATED INSIDE SAUNA



MAINTENANCE / GENERAL CLEANING

DO NOT USE alcohol or any strong cleaning chemicals.

Note:

Some chemicals can damage finishes and wood surfaces.

CLEANING TIPS

- Interior: Perspiration and dirt may absorb into the wood. Periodic cleaning might be needed, scrubbing benches, back supports, floor boards and walls with a stiff brush and mild detergent is normally sufficient. Light sanding is another option for cleaning interior surfaces.
- Exterior: Use a damp cloth with mild soap and warm water.

TROUBLESHOOTING TIPS

A. Main Control Touch Pad Lights Not On

- Check electrical connections between ceiling and back wall, and ceiling and front wall.
- Ensure the power cord is plugged into a proper power outlet and dedicated circuit breaker.
- Ensure your home's circuit breaker is not tripped .
- Ensure the sauna's main controller circuit breaker (under bench) is not tripped and is ON.

B. Sauna Not Heating

- Ensure the power cord is plugged into the power outlet.
- Ensure your home's circuit breaker is not tripped .
- Ensure the sauna's main controller circuit breaker (under bench) is not tripped and is ON.
- Ensure the sauna's desired temperature is greater than the sauna's actual temperature.
- Ensure that there is no time in the Delay Start timer if you do want to delay the start.

C. Door Rubbing or Binding

- Check to see if the sauna is properly assembled; walls and ceiling should all be interlocked.
- Ensure the floor is flat by using a level on the ceiling of the sauna. If your home's floor is uneven, it may be necessary to use shim between your home's floor and the sauna's floor.

SPECIFICATIONS

Product Name	Radiant Health Sauna
Product No.	EC-3H (870 RH)
Product Size	52"d x 52"w x 77"h
Weight	186kg (410 lbs)
Power Supply	AC 120V 15 AMP
Power Consumption	1630 W
Wood	Canadian Hemlock

Radiant Health Saunas

INFRARED SAUNA WARRANTY

Radiant Health Saunas warrants our Elite Line of Infrared saunas (warranted products) against malfunction or defects in materials or workmanship for the period of time and in accordance with the conditions set forth below:

This warranty applies only when the product is installed according to Radiant Health Saunas printed instructions, properly maintained, and not subjected to misuse or abuse.

Lifetime Limited Warranty on the Carbon Flow Emitters for Residential Use: Radiant Health Saunas or its authorized representative will provide parts to replace manufacturing or workmanship defects for the lifetime of the product from the date of purchase, including freight for the first five years. For the period beyond 5 years, the customer pays the freight. Warranty items may have to be inspected at the factory first before final approval.

Other electrical components are covered separately in the warranty (see other sections).

Five Year Warranty on Electrical and Controls: Radiant Health Saunas or its authorized representative will provide parts to replace manufacturing or workmanship defects for a period of 5 years from the date of purchase. Electrical includes all cords, internal wiring, digital control system and related electrical wiring. This does not include the stereo system or speakers.

One Year Stereo/Speaker Warranty: Radiant Health Saunas or its authorized representative will provide parts to replace manufacturing or workmanship defects for a period of one year from the date of purchase.

Limited Lifetime Infrared Sauna Enclosure's Wood Components Warranty: Radiant Health Saunas will provide parts to replace those with manufacturing or workmanship defects for the lifetime of the product. Since the wood used in saunas has been kiln dried, a certain amount of expansion and contraction occurs in the wood in a sauna environment. This may result in minor cracks, which is considered normal and not covered under any warranty.

Warranty Labor: For residential installation in the United States and Canada, Radiant Health Saunas will provide reasonable pre-approved onsite labor to replace defective parts for a period of two years from the date of purchase. After 2 years, labor will be covered for factory performed repairs only. All warranty labor must be pre-approved with a Work Authorization Number provided by Radiant Health Saunas prior to work being performed. Only authorized Radiant Health Saunas representatives may perform the work. Any charges for parts or labor

incurred before receiving approval by Radiant Health Saunas shall not apply.

Return Procedure and Authorization Number: A returned goods authorization number (RGA#) supplied by a Radiant Health Saunas representative must accompany all returned items. Items returned without an RGA# will not be repaired or replaced. In the event of a malfunction or defect covered under the terms of this warranty, contact Radiant Health Saunas by calling 1-888-291-6544. Warranty covers the cost of all replacement parts. All freight charges are the responsibility of the customer.

Commercial Application: The above conditions also apply for commercial use, except the following time periods will be employed:

- Ten Year Warranty on Carbon Flow Emitters.
- Five Year Warranty on Electrical and Controls.
- One Year Warranty on Stereo/Speaker.
- One Year Warranty on Wood Components.

Warranty Disclaimers: This warranty is void if alterations have been made in the physical construction of the product. Alterations include but are not limited to: changing any electrical component, any electrical conversions, adding additional time or temperature devices, or using these products with non Radiant Health Saunas components.

Radiant Health Saunas shall not be liable for loss of use of the Radiant Health Saunas or other incidental or consequential costs, expenses or damages. Any implied warranty shall have duration equal to the duration of the applicable warranty stated above. Under no circumstances shall Radiant Health Saunas or any of its representatives be held liable for injury to any person or damage to any property, however it might arise.

Warranty is not transferable between parties and only applies to the original purchaser of the product and proof of original purchase must be provided. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you. Customer Service: For warranty assistance regarding technical questions, please contact Radiant Health Saunas at 1-888-291-6544

WIRING DIAGRAM

