

# HM 44 Hallmark Room Owner's Manual with SaunaLogic Control and Bluetooth Sound System



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**Read all instruction 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.

*NOTE: A GFCI (Ground Fault Interrupt Circuit) device is not required by NEC. A GFCI may be installed if required by local codes but will nuisance trip during use of the product. - CAUTION: Loose wire connections can cause heat damage to wires, terminal blocks and other components and may void the warranty.*

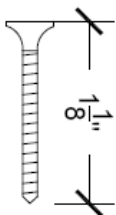
2. No electrical receptacle shall be installed in the sauna room.
3. Do not tamper with the door or install a latching or locking system. Malfunction of which may cause entrapment inside the heated room.
4. Do not block ventilation openings. Vents must be kept free of obstruction so proper airflow is 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.

## **HARDWARE INCLUDED**



## Read Before Installation

The portable sauna unit comes with an option of two heater sizes; 1.7kW or 2.2kW.

The 1.7kw can be used on all 15 amp or 20 amp household outlets (the standard 120 volt outlet found in all homes). **A dedicated circuit is advisable to avoid unnecessary tripping of the breaker.**

The 2.2kW unit can only be used on dedicated 120 volt, 20 amp circuit. **A dedicated circuit is required to avoid unnecessary tripping of the breaker.**

- Each panel is heavy. Be careful to avoid injury when installing, especially the top panel.
- Two adults are required for the installation of sauna room.
- There is a pin or a slot on the sides of each panel, which will be installed correspondently with one pin to one slot in the following way when installing:
  - The panel with pin should be lifted up about 1 inches (2 cm) higher than the panel with the slot (Refer to Picture 1).
  - Place the panel with the pin against the panel with the slot (Refer to Picture 2),and then slide the panel with the pin down until the two panels are equal in height (Refer to Picture 3).
  - If they are not equal in height or there is an obvious gap between the two panels, that means they are not properly attached, and you should try again.



**Note:** The vents must be kept free from any 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.

# Room Assembly

## INSTALLATION OF SAUNA ROOM

1. Place the floor panel in the desired location on a level surface (Note: The floor panel must be level before installing wall and ceiling panels. If the surface is not level you may need to shim the bottom panel to get it level.)



2. Place the back panel in the slot of the floor panel

3. Place the right side panel in the slot of the floor panel.



4. Place the left side panel in the slot of the floor panel.



5. Place the front panel in the slot of floor panel.

6. Place the ceiling panel on the four wall panels.  
\*Make sure trim of the top panel fits completely around the four side panels.  
\*Make sure the connection wires from the front panel, right wall panel, and back wall panel protrude through the hole of the ceiling panel.



7. Connect the cables in the ceiling from the top.



- Remove door handle from brown box and separate the two pieces by loosening four setscrews with an Allen wrench.



- Remove the screw and spacer from the handle.



- Install the handle on the glass. Ensure the plastic gaskets are on both side of the glass while installing the screw into the door handle.

Note: Place all wood handle inside sauna room.



- Install exterior portion of door handle on the screw section and tighten all four setscrews with Allen wrench.





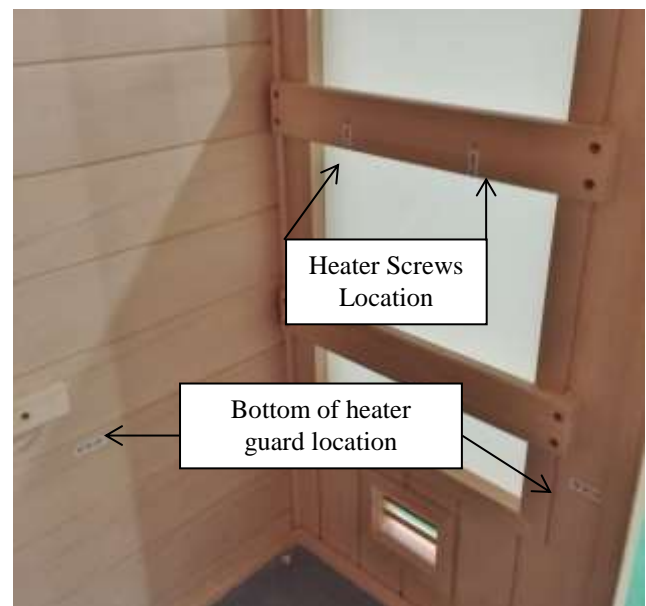
## ELECTRICAL / HEATER ASSEMBLY

12. The sensor wire will be exposed through a hole in the wall above the heater. Connect the sensor to the sensor wire. The sensor will then be fastened to the wall over the hole with a screw. Snap cover on the sensor and be sure to place the solid white portion of the sensor over the wire connections.



13. Mount the sauna heater according to the Installation and Operation Manual provided with the heater.

14. The wall is labeled and predrilled for the top lag screws from the sauna heater hardware



15. Remove the rock grill from the heater. Remove the two screws on the top back of heater.

16. After removing the screws for the rock grill, the mounting bracket will be loose from the heater.

17. Secure the sauna heater-mounting bracket to wall brackets using the in-predrilled holes.

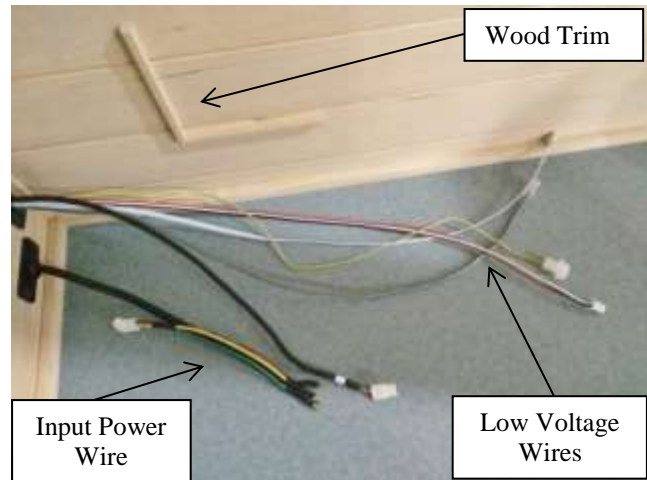
18. Hang the heater on the mounting bracket tabs.



19. Mount the CB PK-1 Box on back wall in lower right corner by wood trim for location.

20. Connect the low voltage cables from the wall into the CB PK-1 box.

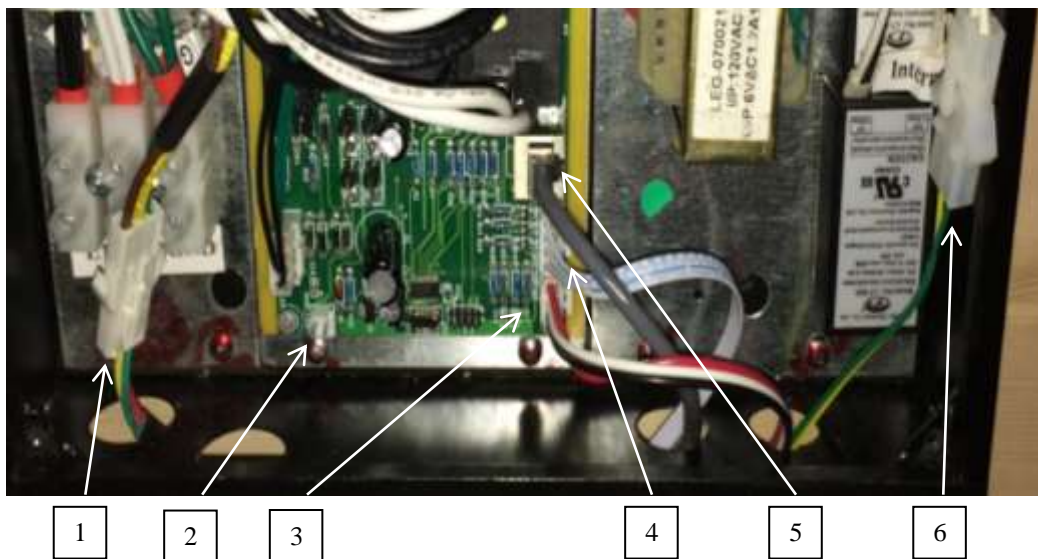
Note: Connect the sauna heater and CB PK-1 according to the Installation and Operation Manual provided with the heater.



21. Connect the power wire from the inside of the back wall into connections in CB PK-1 box.

- a. Connect L1 wire from wall to L1 in CB PK-1 box.
- b. Connect N wire from wall to N in CB PK-1 box.
- c. Connect Gnd wire from wall to Gnd next to N in CB PK-1 box.

22. Connect all the quick connections according to the picture and installation manual into the CB-PK Box.



1. Radio Power (from wall to terminal block in box)
2. High Limit (from heater to PCA)
3. Room Temp Sensor (from wall to PCA)
4. Color Therapy Lights (from wall to PCA)
5. Control (from wall to PCA)
6. Interior Lights (from wall to transformer in box)



23. Install the wood heater guard around the sauna heater using the 1 1/8” screws provided. The heater guard location is marked on both walls with a label. Place the bottom of the heater guard to cover the label on the walls and secure into location



24. Rinse the rocks of dirt and dust. Install the rocks into the heater. Place small or flat rocks around the outer perimeter of heat chamber, including the ends. Place larger rocks loosely in middle of heater. Fill the heater until flush with the top of the outer shroud. Add 3 to 4 large rocks to top of heater.

**\*Note:** There will be extra rocks provided. The concept of rock placement is to promote good airflow through the heater.

**\*Note:** Use only the “olivine” sauna rocks provided with the heater. If other rocks are used, the warranty is void.

**Never operate the heater without rocks.**

25. Install the rock grill to the top of the heater with the two screws.



26. **Verify all connections are completed before applying power to room.**

27. Install lower bench on the lower wall supports.

28. Install upper bench and secure to the back wall.

29. Install the backrest to back wall with provided hardware.



# Saunalogic Control Operation

## Operating Instructions for Lighting

Press “Internal Light” to switch on or off.

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



## Operating Instructions for Heater

Default settings for temperature are preset to 176°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 125°F to 194°F. 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 bath. Should the heater power be lost then restored, the settings will return to their default values. If the heater does not start heating, refer to the Pre-Set Delayed Start section below.

### STARTING SAUNA HEATER IMMEDIATELY

Press the control POWER button once. 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 heater will turn 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 control POWER button to turn on the heater. Press the “+” or “-” buttons on the left side of control to increase or decrease time for desired setting. The maximum of time is 60 minutes.

To set the temperature, press the control POWER button to turn on the heater. Press the TEMP “+” or “-” buttons on the right side control 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

With the electricity applied to the CB PK-1 box, press the control POWER button once. The room temperature will be displayed on the control. Press the “clock” button. Press the “+” or “-” buttons on the left side of 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 “clock” button.

Note: The LED light above clock will glow when system is in the delayed start mode and the “:” will flash in the time section.

## AUDIO OPERATION



Auxiliary Input

### Audio Power On

- Bluetooth sound system is always operational when power is applied to the room.

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

### Pairing

- Refer to you mobile device to pair to the unit.
- The Room device name is CSR8670....

### Auxiliary Input

- Insert 3.5 mm cable into the Aux Input
- Automatically disables Bluetooth input and enables Aux Input.

### 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 manufactures for operation temperatures before using the device in the Sauna/IR Room.

## **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.

## **Troubleshooting**

No Control or Light Operation = Ensure all the Ethernet cables are connected. Ethernet connected into the CBPK box from the wall and together in the ceiling at the back of the room and front of the room.

No Control or Light Operation = Ensure room is plugged into a good outlet.

Error Codes on controls when trying to turn on the sauna heater

Sn = Means the sensor is not connected to the CB PK-1 box. Check the connections between sensor and box

HL = Means the High Limit switch in sauna heater is not connected to the CB PK-1 box. Check the connections between heater and box.

No Audio Power = Ensure all the wires are connected in the ceiling above the control.

Control operates but not Heat = Verify the system is not in delay mode before heater starts to heat room.

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, Type Number, and Serial Number from room available. You may also email us at [techsupport@saunatec.com](mailto:techsupport@saunatec.com).

| <b>Page</b> | <b>Description</b>                            | <b>Date</b> | <b>Person</b> |
|-------------|---|-------------|---------------|
| All         | Created Manual                                | 5/5/15      | TF            |
| All         | Updated Manual all over for installation ease | 1/6/16      | TF            |
| 11          | Updated sound system to Bluetooth             | 07/08/16    | TF            |
|             |   |             |               |
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