



# WALL Heater Installation & Owner's Manual



# IMPORTANT SAFETY INSTRUCTIONS

**DANGER:** Indicates a hazardous situation that, if not avoided, will result in death or serious injury.

**WARNING:** Indicates a hazardous situation that, if not avoided, could result in death or serious injury.

**CAUTION:** Indicates a hazardous situation that, if not avoided, could result in minor or moderate injury.

**NOTICE:** Indicates information considered important, but not hazard-related.

 **READ ALL INSTRUCTIONS BEFORE INSTALLATION AND USE TO AVOID INJURY OR DAMAGE TO HEATER**

 **FOLLOW SAFETY INFORMATION IN THIS DOCUMENT TO AVOID SERIOUS INJURY OR DEATH**

 **REFER TO YOUR LOCAL BUILDING CODES FOR ANY SPECIFIC INSTALLATION REQUIREMENTS**

 **ALL ELECTRICAL WORK NEEDS TO BE COMPLETED BY A LICENSED ELECTRICIAN. FAILURE TO DO SO COULD CAUSE INJURY OR DAMAGE TO THE HEATER.**

 **MANUFACTURERS MANUAL TAKES PRECEDENCE OVER ANY DIRECTIONS LISTED IN THIS DOCUMENT**

 **KEEP THESE INSTRUCTIONS FOR FUTURE REFERENCE**

## **WARNING**

- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Consult your doctor about any health-related limitations related to sauna use. Ignoring advice from your medical provider could cause serious injury or death.
- Do not let people with pre-existing health conditions bathe in the sauna on their own. Using the sauna could cause these users to lose consciousness.
- Parents should consult your pediatrician before allowing children to use the sauna. Ignoring advice from your medical provider could cause serious injury or death.
- Do not smoke, use alcohol, or exercise in the sauna. These tasks could cause users to lose consciousness.
- Do not exceed 30 min. in the sauna at one time, as excessive exposure may be harmful to health. The sauna should not be used as an endurance test.
- Do not place any combustible material over the sauna heater (towels, bathing suits, wooden bucket or ladle)! This will cause the sauna to catch fire.
- 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.
- Do not sleep in a sauna in which the heater is operating. Sleeping in a heated sauna may lead to injury or death.
- Do not alter the heater in any way, unless explicitly instructed in this manual. Altering the heater could cause electrocution or fire risk.
- Only use stones approved for sauna heater use. Inadequate stones may crack or explode leading to serious injury.

## **⚠ CAUTION**

- **Keep all occupants away from the heater and when it is hot. The stones and outer surface of the heater may burn your skin.**
- **Do not throw excessive amounts of water on the stones. The evaporating water is boiling hot and could cause burns.**
- **Do not throw water directly onto the elements. This could cause burns and damage to the heater.**
- **Be very careful when moving in the sauna, as the benches and floors may be slippery. This could cause the user to slip and fall.**



## **HEATER INSTRUCTIONS**

Your Almost Heaven Sauna is paired with a genuine Finnish heater manufactured by Harvia, the world leader in sauna heaters. This guide should be used in conjunction with the manufacturer's heater manual found inside the heater box. The Almost Heaven Saunas staff is available to assist with any questions you or your electrician may have. Please call us at 888-355-3050 for technical assistance.

## **PERFORMANCE EXPECTATION**

Properly installed, you should expect your Wall heater to consistently heat to 175-185 degrees Fahrenheit in approximately 45-60 minutes.

## **HEATER WARRANTY**

Your Harvia Wall heater comes with a 1-year warranty on the heating elements, and a 5-year warranty on all other components.

### **Information for your electrician:**

#### **6.0kw Wall Heater**

- 30-amp double pole breaker
- 240 volts
- 1 Phase
- 10/2 wire. If the distance is greater than 90 feet from the power source, we recommend using an 8/2 wire to accommodate for voltage drop.
- Do not use GFCI with this heater
- Use copper wire with 90C insulation

#### **8.0kw Wall heater**

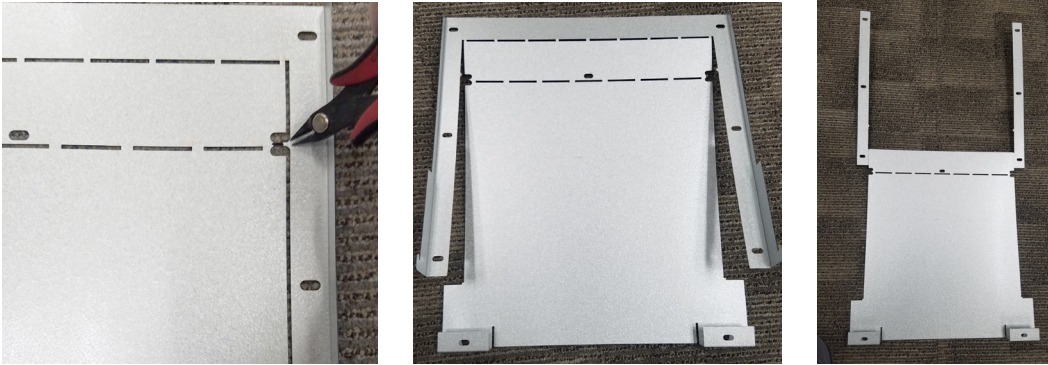
- 40-amp double pole breaker
- 240 volts
- 1 Phase
- 8/2 wire
- Do not use GFCI with this heater
- Use copper wire with 90C insulation

## POSITIONING YOUR HEATER

### **⚠ CAUTION**

- **Improper installation of heater mounting bracket could cause heater to fall leading to burns and other injuries.**

Unpack your product. Included with your heater is a heat deflector, stone guard, mounting plate, and the mounting screws. Use a snip to cut the perforations in the mounting plate so that it unfolds to the installation position.



The Wall heater should be mounted so that the base of the heater sits no more than 3-4" from the floor of the sauna.

## INSTALLING THE MOUNTING PLATE FOR:

### **RESPITE SERIES INDOOR SAUNAS**

*(Logan, Auburn/Bluestone, Madison, Rainelle, Grayson, and Bridgeport/Braxton)*

- The mounting plate can be mounted so that the bottom rests on the rail. Use the mounting hardware to secure the mounting plate to the wall of the sauna (Image 4).



Image 4

## BARREL SAUNAS

- Your Wall heater will be offset from the wall approximately 1.5" in a barrel sauna. Secure the provided 2x4s using the provided 2.5" screws so that they are centered above the bottom brace, and spaced 12 ¾" apart (outside-edge to outside-edge). The top edge of each 2x4 should be 24" from the bottom edge of the bottom brace. (Image 5)
- Install the mounting plate so that the bottom is secured to the bottom brace, and the top secured to the 2x4s you installed above. (Image 6)
- The LED light will be partially obscured – this is intentional.

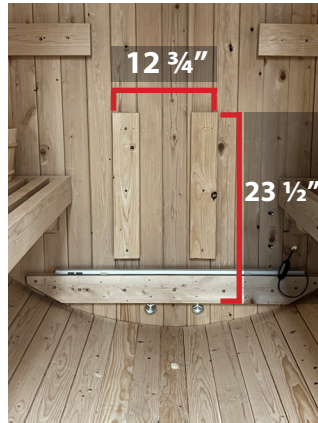


Image 5



Image 6

## ELEMENT INDOOR SAUNAS

(Hillsboro, Sutton, Worthington, and Patterson) & Cabin Saunas (Allegheny, Appalachia, & Timberline)

- Install the mounting plate on the wall so it sits 3-4" above the floor in the sauna.

## VISION SERIES INDOOR SAUNAS

(Spectacle, Serena, Oasis, Titan)

- Install the mounting plate on the wall so it sits 3-4" above the floor in the sauna. Place bracket over the vent holes similarly to Image 4 above.

## PLACING THE HEATER

- Place your heater on the mounting plate so the back edge catches on the J-hook on the base of the plate. (Image 7)  
**NOTE: Your Wall heater is reversible. Determine which side you would like the controls to be on and position accordingly.**
- Secure the top of the Wall heater to the mounting plate using the provided metal sleeve. (Image 8)
- Once you are satisfied with the placement of the heater, remove the heater from the mounting plate to have your electrician connect it to power.



Image 7



Image 8

## CONNECTING YOUR HEATER TO POWER

### **⚠ DANGER**

- **Turn off power to heater at the breaker before beginning installation. Do not turn power on until installation is complete. Failure to turn off the power could lead to electrocution and even death.**

### **NOTICE**

- **Do not use ground fault interrupter (GFI), per UL listing and approval. Using GFI will cause damage to the heater.**

Immediately below the heater, bore a hole halfway between the base of the sauna and the lowest edge of your heater – this will be where the wire enters the sauna. **Note: This is only a recommendation – the wire can enter the sauna at any location.** Remove the bottom plate of the heater, and slide it over the wire. Connect the two hot lines and the ground to the terminal block. One hot line should connect to L1, and the other to L2. Connect the two L1 terminals with one of the provided copper jumpers. Repeat this process with the second copper jumper to connect the two L2 terminals. (Image 9) **Double check all connections are tight.** Replace the bottom plate on the heater, and hang the heater on the mounting plate as you did in the instructions above.

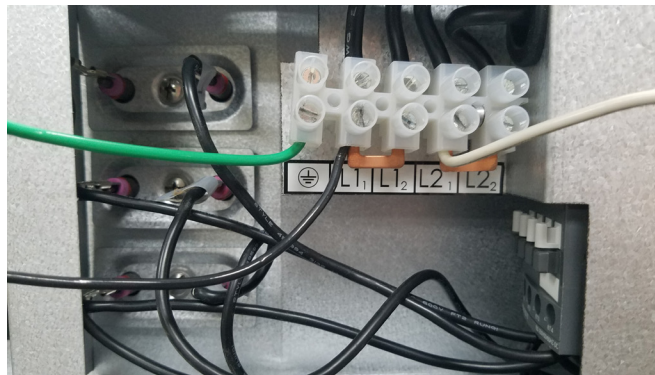


Image 9

## OPERATING THE HEATER

*This heater is operated using two dials – the thermostat and the timer.*

*The thermostat dial is located under the heater. Set it according to your personal preference. The thermostat should be set so the heater cycles on and off at approximately 185F.*

*The timer turns the heater on and off, and has the ability to delay the start.*

*If the heater has power, you should hear a loud “clunk” at both the 0 and the large 1. In between these “clunks” is one hour of heat time.*

To immediately turn the heater on, we recommend turning the timer past the two clunks to number 1 or 2. Turn the timer back until one loud “clunk” is heard, immediately stopping the turn. This will begin the one hour of heat time.

The heater will automatically shut off after one hour. You may have to restart your heater while you are in the sauna.

The smaller numbers 1-8 refer to the number of hours for the delay start. For example, if you turn the timer to 5, your heater will begin heating in five hours.

With your sauna door open, turn on your heater for five minutes to allow the non-toxic protective coating on the heating elements to “burn off”. It is normal to see some light smoke as this coating burns off.

## PLACING THE STONES

### **⚠ WARNING**

- **Do not operate the heater without rocks properly installed beyond the initial burn off. This creates a fire risk and damage to the heater.**

### **⚠ CAUTION**

- **Before placing or adjusting stones, ensure heater is back to room temperature. Failure to do so may cause burns.**

While the heater is cooling, rinse your sauna stones to prepare them for placement.

Place the smaller stones in between and around the three heating elements being sure that the heating elements stay in their original vertical position and do not touch each other. The stones should touch the elements, but not bend them. Reserve the larger stones for placement on top of the heating elements, covering them completely. Replace the stone guard.

**NOTE:** Packing stones in too tightly will restrict airflow and affect the efficiency of your heater. Loosely position the stones around and above the heating elements. It is common to have 5-10 stones left over.

## PLACING THE HEAT DEFLECTOR & STONE GUARD

- It is highly recommended that you mount the heat deflector on the Wall heater. This will more efficiently direct heater into your sauna. Fasten it to the top of the mounting plate with the provided screws. (Image 10)
- The optional stone guard can be mounted as well. You may have to remove some stones to allow the stone guard to fit.



Image 10

## USING YOUR SAUNA HEATER

- Your sauna has been paired with an appropriately sized heater to consistently achieve temperatures of 175°-185°F. You should expect your sauna to be at a useable temperature in 45-60 minutes.
- You have the option to pour water onto the stones to generate steam. Please note, little water is required to achieve this. For most sauna users, a ladle full of water is sufficient. If too much water is poured onto the stones, it will drip out the base of the heater and should be wiped up with a towel after the sauna session.
- If you'd like to continue the sauna session after the automatic one-hour shutoff, simply restart the heater.
- Consult your sauna manual for the typical sauna routine, and enjoy!

