WALL Heater Installation & Owner's Manual



This guide is intended to be a supplement to the main Harvia heater manual included in your heater box. All connections should be done by a licensed and certified electrician.

Read this entire manual through to the end before proceeding with the installation.

HEATER INSTRUCTIONS

Your sauna is paired with a genuine Finnish heater manufactured by Harvia Oy, the world leader in sauna heaters. Use this guide in conjunction with the Harvia Wall Heater Manual for installation an operation instructions. **Please note, a licensed electrician should perform all electrical work**, and Harvia staff is available to assist with any questions you or your electrician may have. For technical assistance, please call 877-842-7842 or email us at support@harvia.us.

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

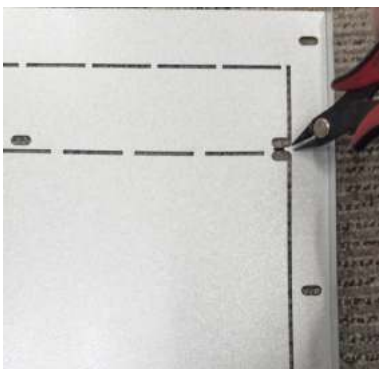
- 30-amp double pole breaker
- 240 volts
- 1 Phase
- 10/2 wire. If the distance is greater than 90 feet from the power source, we recommend using an 8/2 wire to accommodate for voltage drop.
- Do not use GFCI with this heater
- Use copper wire with 90C insulation

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

BEGIN HERE: POSITIONING YOUR HEATER

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 that 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.

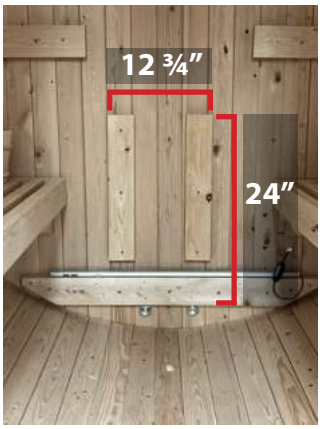


Image 5



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 no more than 3-4" above the floor in the sauna.

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

All wiring should be done by a licensed electrician.

- 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

- 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!