ALMOST HEAVEN
SAUNAS

Blackwater Mini Cube Sauna 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 SAUNA



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.



KEEP THESE INSTRUCTIONS FOR FUTURE REFERENCE

⚠ WARNING

• This sauna 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 sauna 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 ºF. The symptoms of hyperthermia include an increase in the internal temperature of the body, dizziness, lethargy, drowsiness, and fainting.
• Only use stones approved for sauna heater use. Inadequate stones may crack or explode leading to serious injury.
• Do not sleep in a sauna that the heater is operating. Sleeping in a heated sauna may lead to injury or death.

⚠ 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.
• Do not alter the sauna in any way, unless explicitly instructed in this manual. Altering the sauna could lead to structural damage, increasing the risk to bodily harm.
• When moving and lifting heavy pieces, use two or more people. Moving pieces without adequate manpower will lead to injury.

FOR ONYX STAIN

California Prop. 65

WARNING: This product can expose you to chemicals including Titanium dioxide and Ethylbenzene, which are known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

ALMOST HEAVEN
SAUNAS

A WORD ABOUT CUBE SAUNAS

Our sauna kits are designed for ease of assembly by the customer, and every attempt has been made to make assembly information as clear as possible.

If you have any questions about assembly, please do not hesitate to call us at **888-355-3050**, or send us an email at sales@almostheaven.com.

Thank you again for choosing Almost Heaven. We are grateful for your business and know you will have many years of enjoyment in your cube sauna!

Your Almost Heaven sauna is designed for outdoor use although it is perfectly fine to use it indoors. The lumber is naturally resistant to the elements. Rain and sun will not damage the wood, although natural weathering and coloring of the wood will occur over time. To preserve the initial look of the sauna, you may choose refresh the exterior stain from time to time. Consult your local paint store for their recommendations on a particular stain for your sauna. We do not recommend that you paint or varnish your sauna.
Properly assembled, you should not experience water dripping in the sauna. You may experience water seepage, particularly on the sides of the sauna. This is due to the porous nature of softwoods as well as the tongue and groove design of the staves. Water seepage or leakage will NOT harm the sauna and in most cases will evaporate quickly in the hot, dry interior.

Your cube sauna includes the following:

- ☐ One Full Set of Staves
- ☐ Drain Stave
- ☐ Filler Stave Set
- ☐ Vent Stave
- ☐ Six Cube End Sections (three per end panel)
- ☐ Heater and Mounting Hardware
- ☐ Stones
- ☐ Heater Guard
- ☐ Hardware Bag
- ☐ Door Handle Assembly
- ☐ Two Benches
- ☐ Four Bench Braces
- ☐ Two Bench Vertical Support
- ☐ Backrest with LED Light Bar
- ☐ Two Banding Kits
- ☐ Two 4X4 Cradles
- ☐ Two Pieces of Metal Roofing (including fasteners)
- ☐ Three Piece Metal Trim for Front

LOCATING THE SAUNA

Because the traditional sauna experience involves a heating-cooling-resting regimen, it is important to plan ahead before installing your sauna. Our method of construction allows you to place your cube sauna in a wide variety of settings.
Be sure the surface is firm and level, and can support the weight of the sauna and its users (1,000+ lbs). A deck or concrete slab is certainly an option, but if your sauna sits directly on the ground, be sure the cradle supports rest on paver stones or something similar to prevent the cradles from settling into the ground.

BASIC TOOLS

These tools are helpful in the assembly of your cube sauna:

- Cordless drill
- Rubber mallet
- Hammer
- Framing square
- Screwdrivers (Phillips and flathead)
- 1/4" Hex Bit
- 5/8" Drill Bit
- Utility knife
- Level
- Wrench and/or 3/4" socket
- Ladder
- Pneumatic Nailer (optional)

FIRST CONSIDERATIONS

Before beginning assembly, ensure that the installation surface is level. Many garage, basement or deck floors are sloped for drainage. A slight slope will not be an issue, but a more pronounced slope will require shimming to make the sauna level. An uneven installation surface can result in poor-fitting staves leading to poor sauna function. Also, if the site might receive heavy winds, it is recommended extra precautions are taken to ensure the door does not blow open. In most situations, this factor will not be a concern.

ELECTRICAL REQUIREMENTS

Costs of an electrician can vary greatly depending on several factors, including your sauna's distance from your electrical service box, where you live and cost of materials. We always recommend you get quotes from two to three different licensed electricians before you begin installation in order to get the best possible service and price.

Use copper wire with 90C insulation. Do not use aluminum wire to make the connection. Consult with an electrician so you can determine the requirements for your particular situation. All wiring must conform to all national, state and local codes and regulations.

For further information and instruction on your heater installation and operation, please consult the provided heater manual.

NOTICE

- **Assembly pictures may show different colored components or configurations, but the assemble procedure is the same.**

FLOOR ASSEMBLY

⚠ CAUTION

- **Ensure sauna foundation is sturdy and level. If the foundation is not, the sauna could tilt, shift or fall leading to injury.**

Begin assembly by placing the 4X4 cradles on the ground with the chamfered corners facing up. Place the cradles roughly 42" apart (1), making sure the cradles are square. Locate the drain stave in the center (1) overhanging the cradles roughly 5" on both ends (2). When looking from the front of the sauna, the ball side of the stave should be facing to the right, and the socket side facing the left (3). Ensure the drain stave is roughly centered, and then nail or use 2" wood screws to secure stave into place.
NOTE: Nails are provided in your sauna kit, but using your own pneumatic nailer and nails will speed this process up.

Double check again that the cradles are square, and then begin installing staves on each side of the drain stave. Add the staves to each side of the drain stave two at a time, ensure they are tightly spaced using a rubber mallet, and secure every 2nd stave to the cradle (5) until a total of six are secured on each side of the drain stave. Make sure to keep the notch aligned as staves are added (5). After securing six staves to each side of the drain stave, place a 7th stave on each side, but do not secure this stave yet (6).

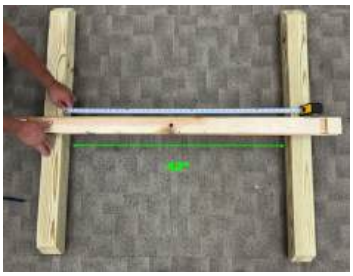


Image 1





Image 2



Image 3



Image 4



Image 5



Image 6

REAR WALL ASSEMBLY

Set the center rear panel in the notches in the rear of the sauna floor, ensuring the curved edge is oriented upwards and the braces are oriented towards the inside of the sauna. (7) Locate the wings for the rear panel and set one in place (8). Either right or left side can be done first, order does not matter. Ensure the wing is aligned with the center portion by making sure the horizontal support boards are aligned (9). *Tip: Wall boards also have predrilled holes (10) for securing the horizontal supports. Ensuring the horizontal boards are fastened into these pre-drilled holes (10) will simplify assembly and assist with alignment.* After setting wing in place, secure wing to center panel using 2" wood screws through the predrilled holes in the horizontal support boards (10-13). Repeat the process for the other wing to complete assembly of rear wall.



Image 7



Image 8



Image 9



Image 10



Image 11



Image 12



Image 13

FRONT WALL ASSEMBLY

The process for installing the front wall is very similar to the installation of the rear wall. First, set the front center door panel in the notches in the front of the sauna floor , ensuring the curved edge is upwards and the door swings outward (14). Next, place a stave across the top of the sauna, connecting the front and back walls (15). This will help to stabilize the front and back walls during the next few steps of installation. Finally, install the front wall left and right wings using the same steps as were used when installing the rear wall wing sections (9-13).



Image 14



Image 15



Image 16

VENT STAVE INSTALLATION

Check that the front and rear panels that were just installed are centered on the previously fastened floor staves. Once centering is confirmed, you will now install the vent stave that will be located behind the heater on the right hand side of the sauna (looking from front). First, install two additional regular staves on the right hand side of the sauna and secure to the front and rear walls (17). Next, install the vent stave (18).
Note: These staves can be secured with either the nails provided or 2" wood screws.
Tip: For the bottom curvatures, it may be helpful to loosely fasten the staves as you build up the curve and then go back and tightly fasten once the full curvature is built and secured in place sufficiently.



Image 17



Image 18



Image 19

ROOM ASSEMBLY

A couple of preparation steps are important here to ensure proper assembly of the Blackwater Mini Cube. First, ensure that the front and rear walls are perpendicular to the base/floor using a level (20). Once this alignment is confirmed, install temporary staves on each side of the sauna, approximately halfway up to help secure the walls in place during stave installation (21).



Image 20



Image 21

Begin adding staves to both sides, nailing every other stave in place. It is at the installers discretion whether they want to install all staves on one side up to the temporary stave and then switch to the other, or symmetrically install staves on right and left hand sides until they reach the temporary staves. Either method will work. Periodically check your walls are still plumb and your staves are staying level (22). This might require tapping the staves with a rubber mallet to get them to fit together tightly. Once you get close to the temporary staves, remove them and set them to the side. Continue the process of placing staves up both sides and periodically checking level on the staves. Once you get halfway up both sides, stop on one side and continue the process on the other side (23).

Tip: Although not required, typically it is easier to start side/top install on side where the orientation of the staves has the ball side of the stave pointed upwards.



Image 22



Image 23

Tip: Once vertical side wall staves are secured, it is recommended (but not required) to fasten every 3rd stave using a 2" wood screw. This will help ensure the vertical walls stay securely attached to front and rear walls.

Continue installing staves over the top, but only nail every 3-5 staves (24). Stop when you get to approximately where the larger radius curvature from the ceiling to the side wall begins (25).



Image 24



Image 25

At this juncture, it will be helpful to take some measurements to determine how far off square the stave installation is so that this difference can be compensated for as you install the remainder of the cube room staves. Use a standard or ribbon tape measure to measure the distance between the top most stave and side stave at both the front (26) and rear (27) walls. It is expected that these measurements will be slightly different at this point (if they aren't, even better!). This difference can be compensated for as the remainder of the staves are installed. Example: If the distance measured at the front is 45 inches and the distance measured in the rear is 45 1/2", then the installer should leave a slight gap between staves in the rear of the sauna to compensate for this difference (28 - rear, 29 - front). It is recommended that the distance be checked again after the install of every two staves moving forward (30-33) until the difference is negligable (<1/8").



Image 26



Image 27



Image 28



Image 29



Image 30



Image 31



Image 32



Image 33

As installation of the staves proceeds as described above, continue to nail very other stave in place. Once the point is reached where there is room for only 2-3 staves left, do not yet secure the staves in place. Place the staves without fastening until there is less than one stave width left to install. Now it is time to install the filler staves (34). Filler staves are a group of various width staves that should be used to fill the final gap that very likely will be less than the width of a full stave (35).



Image 34



Image 35

Choose a stack of filler staves that is wider than the distance just measured (end of tongue to extreme of groove) between staves (36). *Tip: It is important that you use as many staves and fillers as you can prior to tightening the stainless-steel bands in order to ensure the tightest seal possible. You want the staves lifting up and requiring pressure to force them into place.* Install filler stave stack in gap. This may require that a stave above or below be loosened, and the staves will be bowed out from the sides of the walls at this point (37). Ensure the front face of the staves is aligned flush, and use gentle force to push the staves as flush as possible to the front and rear wall sides. Fasten final configuration in place so the staves will not dislodge. At this point, your Blackwater Mini Cube should have front, rear, and cube walls all installed (38).



Image 36



Image 37



Image 38

BAND ASSEMBLY

⚠ CAUTION

- **Take care with the edges of the band as they can be sharp and may cut skin. It is recommended that gloves are worn when handling band assemblies**

NOTICE

- **Be careful when installing the black hardware, it could chip the paint if mishandled.**

Tip: Remove protective band covering underneath band brackets prior to installation. Score protecting covering with a utility knife (39). Slide bracket down band, and remove protective covering in area under bracket (40). Slide bracket back in place.



Image 39



Image 40

The front and rear bands can be installed one at a time or concurrently. Position the bands around your sauna, 2" from each end (41). Insert the threaded rod through the bracket and tighten the nuts by hand evenly until no longer able (42). Before continuing to tighten, verify the bands are 2" from the edge all the way around. Orient the brackets with the vertical position set to personal preference, but not too high on the sides as they will interfere with the metal roofing.

Use a 3/4" (or 19mm) socket/wrench to tighten the nuts evenly, making sure they are tight enough to prevent the staves from shifting (43). Tighten in a top then bottom sequence so that the amount of threaded rod protruding above and below the nuts is relatively even (does not need to be exact). Remove protective covering from outer surface of bands (44). Install the rubber caps on the ends of the threaded rods (45).


Image 41

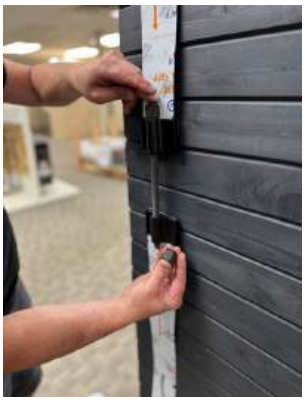
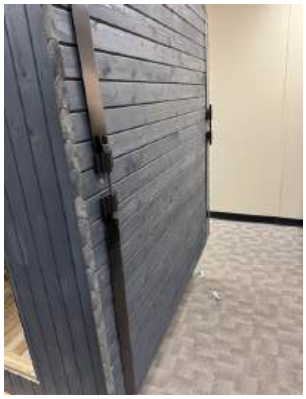

Image 42


Image 43


Image 44


Image 45


Image 46

DOOR HANDLE

Door handle should be installed with wooden handle on the interior side of the door glass and the metal handle on the outer side of the door glass. Open door handle package and lay out the pieces of the door handle (47). For both the top and bottom holes in the wooden door handle: install both wood spacers into wooden handle, insert screw into wooden handle from the handle side through the spacer, and place metal spacer and plastic spacer over screw with smaller diameter metal spacer end towards the wooden spacer (48). Insert screw through the top and bottom holes in the glass from the inside, so the wooden handle is inside the unit (49). Now place the plastic spacer and metal spacers over the screws on the outside of the door glass. Mate the metal handle to the screws on the outside of the unit, and partially tighten screws on top and then bottom (50). Ensure handle is aligned straight, then alternate tightening top and bottom screws until handle is firmly in place (51)



Image 47



Image 48



Image 49



Image 50



Image 51

BENCH INSTALLATION

Find your 15 1/2" bench braces and install them on the side walls with the top surface flush with the back wall braces (52). In pre-drilled hole, partially fasten screw closest to the back wall, check level, then tightly secure all of the screws through the pre-drilled holes using 2 1/2" screws from the hardware bag (53). Repeat this process on both the left and right hand side. *Note: Be careful not to countersink 2 1/2" wood screws too far as they can protrude the outer walls of sauna.*



Image 52



Image 53

Place the 19" wide rear upper bench on the wall bench braces (54) and then slide back into place with against the rear wall (55).



Image 54



Image 55

Using 2" screws in pre-drilled holes, secure rear braces on the underside of the bench on both sides to the rear wall (56). Additionally, use the pre-drilled holes on the top bench ends and 2" screws to secure the bench to the top of the wall bench braces (57).



Image 46



Image 57

BOTTOM REAR BENCH INSTALLATION

First, you must locate the bottom rear bench wall braces on the left and right hand walls. The lower bench brace should be located 13" down from the bottom of the upper bench brace, and 23 1/2" out from the rear wall to the front of the brace (58, 59). Gather the supplied 9" long lower bench braces and secure them to wall using 2" screws through pre-drilled holes. Place lower 11 1/4" wide bench on lower bench braces (60). Use the pre-drilled holes on the top bench ends and 2" screws to secure the bench to the top of the wall bench braces (same as top bench - Image 57).

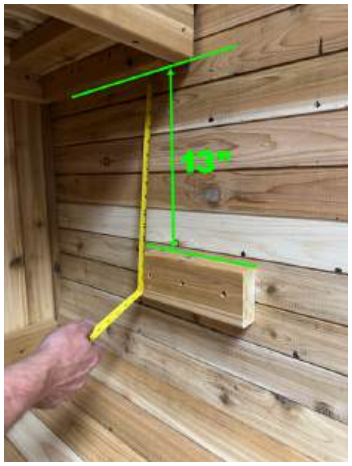


Image 58



Image 59



Image 60

VERTICAL BENCH SUPPORT INSTALLATION

The Blackwater Mini Cube sauna is supplied with two vertical bench supports that are optional to install, but will provide more stability and allow for the benches to carry greater loads. These vertical supports attach to the bottom of the upper bench transverse supports and are also anchored to the rear of the lower bench (67). Because the installer will be forced to reach behind the benches to install these supports, it is suggested that 2 1/2" wood screws be pre-installed in the pre-drilled holes in the top and middle of the vertical supports (61).

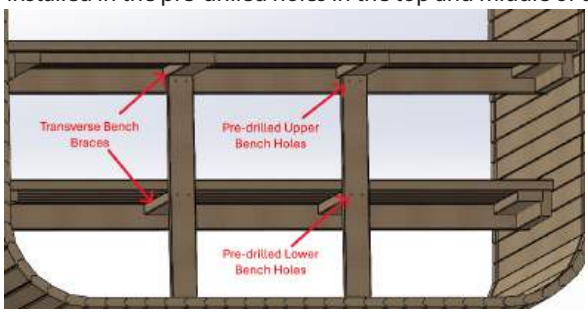


Image 61

First, place vertical bench supports (can choose either side first) in position. The front face of the brace should be flush with the back of the lower bench and aligned with the lower bench transverse brace. *Note: Ensure that the pre-drilled holes are oriented correctly with the angled holes at the top-rear of the support and the straight holes at the board center aligned with the lower bench (61).* The vertical braces can be trimmed or shimmed, as necessary, to ensure a flush fit with the underside of the top bench and the floor of the sauna.

Once both braces are in place, secure both vertical bench braces to lower bench transverse brace using two (2) supplied 2-1/2" wood screws through the pre-drilled holes (62). Secure both braces to lower support before moving to next step. Secure both vertical braces to the underside of th

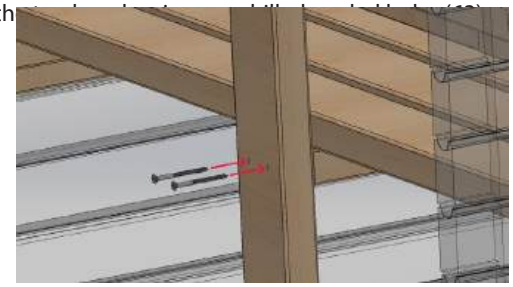


Image 62

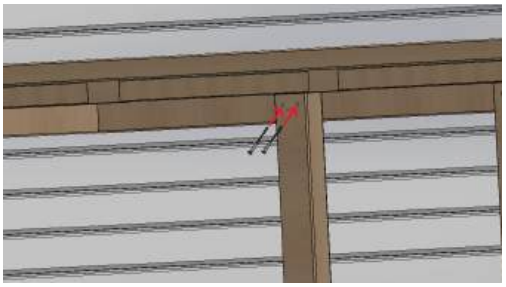


Image 63

LED BACKREST INSTALLATION

Center the LED backrest between the two sides and position it vertically at a height most comfortable to the user (typically 8-12" from the bench). Using a level to ensure proper installation, fasten the backrest into place using the 2" screws through pre-drilled holes in the outer and center brackets (64, 65).



Image 64



Image 65

To connect the LED light to the power source, bore a 5/8" hole through the back of the panel at the bottom right corner of the backrest and push the LED pigtail through (66, 67). Now mount the power supply to the back of the sauna at the base of the rear panel (68). Connect the power supply and LED by twisting the connection until tight (69). Ensure the light bar is connected to the power supply, then plug in to an outlet.



Image 66



Image 67



Image 68



Image 69

ROOF INSTALLATION

⚠ CAUTION

- **It is recommended to wear gloves when handling the metal roofing, the edges are sharp and can cause lacerations on your hands.**

Place one of the roof panels on the center of the sauna roof. Align the center of the end roof panel rib and align it with the center of the sauna, using the wide board over the door as a guide (70).



Image 70

Ensure the roofing is flush or just slightly recessed from the end of the staves and parallel with the front face of the staves. If there is an overhang, it could interfere with the trim installation in a later step. Now install 4 roofing fasteners roughly 1" back from the edge. Do not install in the roof panel ribs, make sure you do not hit banding, and try to hit the center of a stave if possible (71). One of the screws should be at the end of the roof panel before the last rib on the roofing panel (72). Install one screw approximately half way down the side of the sauna just above the last roof rib (73). Repeat this process along the rear edge of roofing. *Tip: The roofing screws supplied are self tapping screws. While they may have some difficultly initially penetrating the roofing material, applying pressure or even a slight "tap" to the back of the drill will help to get the screws started.*

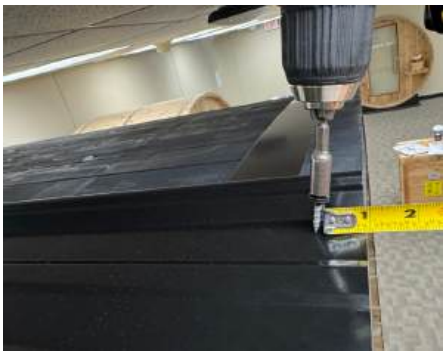


Image 71



Image 72



Image 73

Now place the 2nd roof panel on the other side of the roof. Overlap the rib on the extreme end of the panel with the rib on the previously installed panel that is aligned with the sauna centerline (74). Proceed to install this 2nd roof panel in the same manner the first roof panel was installed.



Image 74

FRONT TRIM INSTALLATION

The Blackwater Mini Cube kit comes with two front roof trim pieces. Place one (starting with either side is fine) trim piece so it matches the contour of the sauna and roof panels (75). Fasten this trim piece in place using two screws: one through the first rib offset from the center of the roof (76) and through one of the ribs on the curve of roof. *Note: The metal trim is thicker than the roof, so it will require more pressure on the screws for the screws to penetrat*e. Repeat this process for the trim piece on the opposite side of the roof. Now Install the keystone piece in center of trim by securing one screw through the keystone and through the stacked center ribs of the left and right roof panels (77) or the metal roof panels.



Image 75



Image 76



Image 77

HEATER

For complete instructions for installing the KIP heater in your Blackwater Mini Cube sauna, please consult the KIP heater installation guide supplied with your Blackwater Mini Cube sauna.

⚠ DANGER

- **Turn off power to heater at breaker before beginning installation or performing maintenance on the heater. Failure to turn off the power will lead to electrocution and even death.**

⚠ CAUTION

- **Improper installation of heater or heater mounting bracket could cause the heater to fall leading to burns and other injuries.**
- **Before placing or adjusting stones, ensure heater is back to room temperature. Failure to do so may cause burns**

Place the mounting screws 15-1/4" apart, 4" above the top surface of the bottom bench, with the with the right mounting screw 4" from the front wall (78). The heater should be minimum 7" off of the floor once installed. Place the temperature probe base 14" down from the ceiling an 14" to the side of the heater (79)..



Image 78



Image 79

HEATER GUARD

⚠ CAUTION

- **Do not install the heater fence while the heater is running or hot. The outside of the heater is very hot and will cause burns if touched.**

The heater fence is packaged together with stretch wrap (80). Remove the wrap and place the two pieces on a working surface (81). Arrange the front and side piece as shown in (82).



Image 80



Image 81



Image 82

Turn over the matched pieces (83) so that the longer front section is face down on the working surface. Ensure the boards are flush in the top corner for optimal fitment (84). Attach the two pieces together using the two pre-drilled holes and remaining 2″ wood screws from your sauna hardware kit (85). It is recommended to keep pressure on the two square boards during fastening for easier assembly.



Image 83



Image 84



Image 85

Locate heater guard around the heater with the longer end of the heater guard going across the front of the heater and the bottom surface of the heater guard approximatley 13″ from the sauna floor. Secure the heater guard to the wall through the pre-drilled holes using 2″ wood screws on both the back (86) and front (87) walls.



Image 86



Image 87



Image 88

FINAL THINGS

Once assembly is complete, sweep and vacuum the inside of the sauna. Wipe down the entire interior with a damp cloth to remove any remaining dirt, dust and debris.

Note: If the sauna has absorbed moisture in storage, the staves may shrink as the high heat evaporates that moisture. This may require you to tighten the bands even further. If your sauna is left in the open rain, this wall cause the staves to expand again resulting in an even tighter seal.

The exterior surface of the Blackwater Mini Cube is treated. The exterior can be washed or rinsed off. If the exterior fades over time with exposure to weather, stain can be purchased from Almost Heaven Sauna and applied on top of existing finish to refresh the coating.

TRADITIONAL SAUNA USE

Congratulations! You are ready to enjoy your cube sauna! You may use your sauna in a wet or dry fashion. Dry, meaning you do not sprinkle any water onto the stones; wet, meaning you increase the humidity of the room by sprinkling water on the stones. Please note, not much water is needed to achieve a wet sauna experience.

The sauna as we know it originates in Finland. The typical sauna experience follows the steps below, but you may enjoy your sauna in any way you like!

- Set your heater so your sauna achieves the desired temperature. This is typically 160 -185+ degrees F. Novice sauna users should begin at the lower end of that range and increase their high temperature over time.
- Take a quick shower or a quick dip in a hot tub or pool.
- Step into the sauna and enjoy for 5-15 minutes, bringing a towel to sit or lay on. Leave the sauna once you are perspiring freely.
- Take a plunge in a pool, shower, snowbank, lake - anything that will cool you down! After that, relax and cool down for 10-20 minutes.
- Step into the sauna again. During this visit, you may wish to sprinkle small amounts of water onto the stones to create bursts of steam. If water spills through the heater to the floor, you are using too much water, though this will not hurt the heater or the sauna.
- Continue repeating this process. After your final visit to your sauna, relax for at least 20 minutes. Shower with warm water initially, finishing with cool water to close your skin pores.
- Prepare to feel refreshed for the day or to have an amazing night's sleep!

Whatever your sauna routine, it is imperative that you **STAY HYDRATED!**

CARE & MAINTENANCE

TREATING LUMBER
The lumber we use is naturally resistant to the elements. The exterior surface of the Blackwater Mini Cube has been treated at the factory. The exterior surface of the sauna may still weather over time, which is fine.

If you wish to retain the natural color of the lumber, stain can be purchased from Almost Heaven Saunas to be applied on top of the existing finish to refresh the coating. NEVER TREAT THE INTERIOR OF THE SAUNA UNLESS APPROVED FOR USE IN A SAUNA, AND NEVER USE VARNISH OR PAINT ON THE EXTERIOR.

MINIMIZING WATER SEEPAGE
Substantial or driving rain may cause water to seep into the joints between the staves; this will not hurt the sauna. When assembling your sauna, it is important that the staves are tight and the bands are snug to minimize gaps between the staves. When constructing the sauna, put as many staves and filler stave pieces under the bands as possible so the bands can pull the staves tight without leaving gaps. Over time the wood will swell into the bands when it gets wet. Eventually you may need to add additional filler staves into the sauna to fill any gaps caused by shrinkage, and extra staves have been provided for this purpose. Add staves by loosening the band brackets, inserting the additional filler staves, and then tightening the brackets again. Be sure the wood is dry before inserting more staves and tightening the bands.

CLEANING THE LUMBER
You should vacuum or brush out your sauna periodically to remove lose dirt. Over time the floor and seats of your sauna may discolor due to perspiration, dirt and general wear. You can remove dirt or stains with a solution of baking soda and water, lightly scrubbing the wood with the solution and then rinsing. Heavier stains or scuffs can be sanded out with fine grit sandpaper. Alternatively, pressure washing the interior of the sauna with a low-pressure, wide pattern nozzle will remove stains and dirt very effectively.

LOCATION AND GEOGRAPHY
Climate and temperature affect the lumber in different ways and to varying degrees. The effects of swelling and contraction as well as fading from sunlight will vary depending on the intensity of the sun and the levels of humidity and amounts of moisture in your area. The degree of these effects will not affect the quality or performance of your sauna, but may require you to tighten bands or re-stain your sauna more or less frequently. It is a good idea to check the tension of your bands and examine the degree of fading every few months, especially in the first months of owning your sauna so that you can respond accordingly.

REPLACEMENT OF SAUNA STONES
Over time your sauna stones may crack and split due to the fluctuations in temperature the stones experience. If you ever need to replace stones, only use sauna stones designed for use in your sauna heater. You can purchase replacement stones from Almost Heaven Saunas at any time.

REPLACEMENT PARTS
If you ever damage the exterior of the sauna, you can purchase replacement staves, doors, and components from Almost Heaven Saunas at any time.

ACCESSORIES
Almost Heaven Saunas offers a full line of accessories to compliment your sauna. From red cedar leg rests, back rests, drink holders, robe hooks and magazine racks to eucalyptus fragrance and more, visit www.almostheaven.com for all of your sauna accessory needs!

ALMOST HEAVEN
SAUNAS