



# Wood-Burning Heater Installation & Owner's Manual



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

The following instructions explain how to install a wood-burning heater in a barrel sauna. The instructions apply to various barrel sauna diameters and sizes, and while some of the images may not appear to exactly match your own sauna, the process is the same.

At least a day prior to installing your heater you should burn wood in the heater prior to installation. Do not use the chimney but simply keep the stove away from flammable material and let it get hot to burn off some of the residue within the stove.

Installation of a wood-burning heater kit will involve measuring, cutting and fitting of certain components. The installer should be qualified in these areas to properly install the heater.

The heater kit is manufactured for a global market and, as such, not all components will necessarily be used for your installation. Use the components referenced in this instruction sheet only.

**Tools needed:**

- Tape measure
- String
- Pencil
- Jig saw
- Drill with 1/2" bit
- Level
- Cordless driver with torque bit and Phillips bit



# Parts List



Heater Base



Heater



Adaptor Pipe



Ceiling Frame



Chimney



Chimney Extension



Insulation Ring



Insulation Cover



Chimney Boot



Chimney Ring



Chimney Cap



## Connecting the Chimney Extension (for 84" Diameter Barrel Saunas Only)

All 84" diameter barrel saunas and cabin saunas require use of the chimney extension. Follow these instructions to connect the two chimney sections. You will find it easier to use two people to assemble the sections.

Locate the long chimney and chimney extension (image A). Note the capped end of the long chimney. This is the end that will attach to the wood stove (image B). Set the capped end of the long chimney on the floor. You will then be looking at the insulation end of the chimney. If it is not already, push the insulation down so that it is below the outer ring of the chimney as shown (image C).



Image A



Image B



Image C

Line up the internal pipe of the chimney extension with the internal pipe of the long chimney. Line up the tab (small protruding bump) and groove (image D). Carefully lower the chimney extension internal pipe over the long chimney internal pipe. Once the groove is positioned over the tab, twist the chimney extension onto the long chimney so that the internal pipe is locked in place (image E). Now, slide the external pipe of the chimney extension onto the long chimney. Line up the tab to groove and twist into place as you did with the internal pipe (image F).



Image D



Image E



Image F

The connection is now complete. This extended chimney is what will be placed onto the wood stove adaptor pipe (image G).



Image G



## Installing your Wood-Burning Heater

Place the heater base to the rear of the sauna and center between the benches (image 1). The rear edge of the base should be 4" from the sauna rear wall (image 2). Place the heater onto the base and center from left to right (image 3). The front of the heater should be 7" from the front edge of the heater base (image 4).



Image 1



Image 2



Image 3



Image 4

Place the chimney adaptor pipe over the hole on the top of the wood stove (image 5). Tie a string to the string to give it some weight. With the weighted end of the string centered over the adaptor pipe (image 6), find the point on the top of the sauna that is directly above the adaptor pipe and mark it. NOTE: It will not affect the installation of the chimney if the center point is off by 1/4" or so (image 7). Drill a hole with a 1/2" bit at the mark and all the way through the board (image 8).



Image 5



Image 6



Image 7



Image 8

Find the template on the back of the chimney kit box. Use the template 1:2 and cut it out with a scissors (image 9). On the outside of the sauna, place the center of the template (indicated by the dashes) above the previously drilled hole. The wide part of the oval template should face to the left and right of the sauna, and the short part of the template should face front to back. Once the template is in place, trace the outline of the template on the wood (image 10). Using a jig saw, cut along the line until you're able to remove the pieces (image 11). Once cut, you will have a clean opening for the chimney above the stove. At this point you should take the two pieces of the insulated ring and connect them. Check that this assembled piece will fit through hole. It is fine if it is a tight fit, but if you cannot get the insulated ring through the hole then you need to cut it slightly bigger where needed (image 12).



Image 9



Image 10



Image 11



Image 12



From inside the sauna, attach the ceiling frame to the top of the sauna and around the chimney opening. Screw in place to the top of the sauna (image 13). From the outside of the sauna, lower the chimney and slip the capped end of the chimney over top of the chimney adaptor (image 14). You will place the finished end of the chimney over the adaptor and be sure the end of the chimney that has the exposed insulation and the protruding internal pipe are skyward (image 15). Place the insulation ring around the chimney and through the hole. The insulation ring should come down to the bottom edge of the ceiling frame (image 16).



Image 13



Image 14



Image 15



Image 16

Place the insulation cover around the chimney and over the ceiling frame. The two pieces of the insulation cover will overlap, at which point you will screw them into the ceiling frame with the included self-tapping screws (image 17). Find the chimney boot and place a bead of silicone around the lip of the boot (image 18). Slide the boot over the chimney so that the edge, along with the silicone, touches the roof. Because of the radius of the barrel you will bend the boot edge down as needed (image 19). The insulation ring will be concealed beneath the boot (image 20).



Image 17



Image 18



Image 19



Image 20

Attach the boot to the sauna with the self-tapping screws provided, evenly spacing the screws. Because you are attaching a round boot to a radius roof, you will see some puckering in the edge of the boot. This is normal and is not a problem as the silicone completes the seal. If desired you can place another bead of silicone around the exterior edge of the boot for added measure (image 21). Place the top chimney ring over the top of the chimney as shown. It will press into place (image 22). Attach the chimney cap and twist slightly to secure (image 23).



Image 21



Image 22



Image 23



Image 24

