



# Barrel Sauna Wood-Burning 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**



**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.
- Only use stones approved for sauna heater use. Inadequate stones may crack or explode leading to injury.
- Do not sleep in a sauna that 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 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.**
- **Only burn dry natural wood in the stove. Burning other items could create noxious fumes in the sauna, and will shorten the life of the stove.**
- **The handle on the stove will be hot once it is up to temperature. Use proper gloves or other means to prevent burns to your hands.**
- **Do not empty the ash box until the stove is back to room temperature. Emptying ashes while hot could lead to burns or a fire risk. Only empty ashes into a non-combustible container.**
- **When moving and lifting heavy pieces, use two or more people. Moving pieces without adequate manpower will lead to injury.**



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 ½" bit
- Level
- Cordless driver with torque bit and Phillips bit



# Parts List



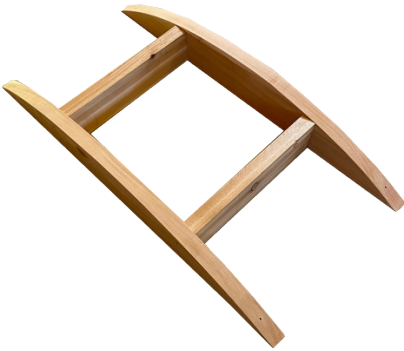
Heater Base



Heater



Adaptor Pipe



Ceiling Frame



Chimney



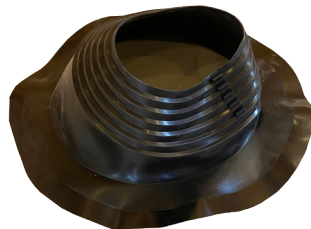
Chimney Extension or Water Tank



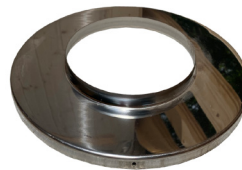
Insulation Ring



Insulation Cover



Chimney Boot



Chimney Ring



Chimney Cap



## Installing your Wood-Burning Heater

### **⚠ CAUTION**

• Place/install the heater per the instructions. Improper installation could cause the heater to fall leading to burns and other injuries.



1. Place the flat wood floor section approximately 4" from rear wall and be sure it is centered between the benches. NOTE: It is not necessary to anchor it in place.



2. Place the heater "bedding" on the flat wood floor section, ensuring that it is centered on the flat floor.



3. After pre-burning the heater outside the sauna, placing it evenly between the benches and 6" from the rear wall.



4. Place the adaptor pipe on the stove chimney outlet located on the top of the stove. NOTE: remove the cover from the outlet and then place it on the rear heater outlet. You may need to remove a metal covering secured by a single screw to access the rear outlet.





- Using a string with slight weight located over the center of the adaptor pipe, find the center point at the ceiling of the sauna and place a mark. Drill a 1/2" hole at this point all the way through the ceiling of the sauna.



- Cut out the template using the 1:25 oval circle. Position the template on the top of the sauna, putting the center point directly over the hole you drilled and squaring the template with the sauna. The long portion of the oval should be directed to the sides of the sauna, not the front and rear. Using a jig saw, cut a hole in the sauna following the edge of the template. NOTE: Place a blanket or similar over the sauna heater to catch the debris that falls as you cut.



- Place the wood ceiling frame over the heater prior to inserting either the chimney or water tank, depending on your configuration. These instructions will assume a water tank is used. If you do not have a water tank then your chimney will include a short extension. Attach the short section to the chimney to lengthen it and place chimney directly over the adaptor.  
*(chimney only configuration shown.)*





8. Place the water tank securely over the adaptor pipe on the stove as shown. *(Water tank configuration shown for following steps.)*



9. Next place the chimney over the water tank. NOTE: The open end of the chimney with insulation showing will point up.



10. Connect the two pieces of insulation using the included bands and lower over the chimney from the top.



11. Position the insulation ring through the hole in the sauna as shown.





12. Lift the wood frame up and screw into the ceiling as shown.



13. Attach the stainless cover plates to the frame to conceal the insulation ring with included screws as shown.



14. Slip the boot down over the chimney from the outside as shown.







15. Apply a bead of silicone to the underside of the boot lip.



16. Screw the boot to the roof with included screws as shown.



17. Secure the clamp around the boot so it is tight to the chimney.





18. Place the chimney cover in place over the exposed insulation of the chimney and then attach the chimney cap.



19. The finished installation with a water tank from the interior of the sauna.



## 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.**

Rinse your sauna stones to prepare them for placement.

Place larger stones on the bottom of the stone cavity, and save the smaller ones for the top. Packing stones in too tightly will restrict airflow and affect the efficiency of your heater. Loosely position the stones in the stone cavity.

### **NOTICE**

- **Do not place stones between the stone cavity and outer frame. This will cause damage to the heater.**





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