

Chofu Wood-Fired Heater Installation Procedure

For Sea Otter Woodworks Tubs

(See Owner's Manual For Complete Instructions)

Use the connecting accessories provide with the Chofu heater to connect to the cedar hot tub: L-shaped rubber tubes, stainless steel tubes, short rubber flex-connectors.

Connection Sequence:

1. Connect L-shaped black rubber tubes to the circulation pipes at back of heater. You can either cut off the 90-degree bend for a straight hook-up, which puts the chimney pipe further away from the tub, or attach the short leg of the "L" to the heater pipes. Angle the rubber tubes up or down for desired slope to tub. Use wire clamps provided.
2. Insert stainless steel tubes into rubber L-tubes.
3. Connect short rubber flex-connectors to stainless tubes.
4. Connect short rubber connectors to PVC pipe stub on through-wall ports on tub. Use water hose clamps provided.

Positioning Chofu Heater

Place the Chofu on a non-combustible foundation surface (cement pavers or bricks). Adjust the height of the foundation, so that the top-circulating pipe (hot water) on the Chofu rises 2-5 inches up to the tub port. A rising outlet pipe is necessary to create thermal siphon circulation through the Chofu. The bottom circulation tube should angle downward to the tub, so that the heater will drain when the hot tub is drained. You will need to remove the drain plug at the bottom back of the heater to completely drain water out of the heater.

Freeze Protection

The Chofu Heater must be protected from freezing to prevent damage. Water in the tub will "reverse thermosiphon" through the water jacket and provide protection for a short-duration of freezing temperatures, however, if water is kept in the tub during sub-freezing temperatures, the heater must be drained. This can be accomplished by inserting plugs (provided) into the circulation ports and removing the drain plug at the bottom rear of the heater. **CAUTION:** Always place the heater drain plug on top of the heater as a reminder that it has been drained. Lighting the heater when empty of water will create an extremely dangerous situation and damage the heater.