

## StoveTec 60 Liter Stove Manual

**StoveTec  
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### **Detailed Instructions for the 60 Liter Stove**

The 60 liter stove is a serious cooking machine, designed around one extra-large (approximately 15gallon) pot. It transfers almost all of the energy from a small, hot fire into the pot. Never fire up this stove without the pot in place, and without water or other liquid in the pot. The heat generated is so intense an empty pot will melt, ruining the pot, the stove, and your day.

Before lighting the stove, place it on a level and fire-resistant surface. Again, make sure there is liquid in the pot.

Use the stove only in a well ventilated area, and do not use indoors unless the chimney is vented to the outside.

To light the stove, place some starter material (a wad of newspaper is fine) and some small kindling wood in the center of the combustion chamber (directly under the center of the pot). Light it, and when a flame is established, add larger pieces until a bright, hot fire is generated. Once a bed of coals is established, maintain the fire by continuing to push sticks into the center of the combustion chamber.

A few sticks will keep the pot boiling. The fire will need to be maintained on 5 to 10 minute intervals – depending on fuel used – or it will self-extinguish.

This stove can be operated for many hours continuously, but before re-use, check to see that the air passage below the stick support is clear of ashes so that air can come up through the burning sticks. A long flat stick is the best tool for clearing cool ashes.

The huge pot can weigh upwards of 135 pounds when full. Do not ever attempt to move a full, hot pot from the stove. For safety's sake, ladle hot food directly from the stovetop. A nearly empty pot can be removed for cleaning, but preferably by two people. Moving a heavy pot can be dangerous for the cook, and can damage both the pot and the stove.

### **First-time setup for use**

Unpack the stove from shipping container and check for shipping damage. The pot should easily slide in and out of the stove, and the chimney connections and stick support should be firmly attached. If there is damage to the stove, call or email the StoveTec 60 Liter service department.

Remove the chimney from the 2<sup>nd</sup> box, gently snap it together, and install the cap on the end with the blue arrow.

Install the chimney and cap onto the stove through the top brace with the red arrow down. It is very important that the ridge on the lower chimney remains visible above the bottom elbow. See diagram.

Your stove will not work properly, and could create dangerous or smoky conditions if the chimney is not properly installed.

### **Safety Warnings!**

**!DANGER!**

- Failure to comply with the precautions and instructions provided with this stove can result in death, serious bodily injury, and property loss or damage from hazards of fire, burn, asphyxiation, and/or carbon monoxide poisoning.

**!WARNING!**

- Never leave stove unattended when hot or in use.
- Keep children away from hot stove.

**!DANGER!**

**CARBON MONOXIDE HAZARD**

- Use this stove only outdoors, or with the chimney directly vented to the outdoors.
- This stove is a combustion appliance. Carbon monoxide is a by-product of combustion, and while this stove is designed to emit only tiny amounts of toxic emissions, serious injury or death could result from improper use.
- Carbon Monoxide (CO) poisoning produces flu-like symptoms, watery eyes, headaches, dizziness, fatigue and possibly death. You can't see it and you can't smell it. If these symptoms are present during operation of this stove, stop use and get fresh air immediately!

**!DANGER!**

**EXPLOSION – FIRE HAZARD**

- This stove is hot enough during use to ignite flammables which are too close to the fire. Keep flammables well away from the stove and chimney, and keep gasoline and other flammable liquids and vapors completely outside of the area where the stove is in use.
- During operation, this product can be a source of ignition. Never use the stove in spaces that contain or may contain volatile or airborne combustibles or products such as gasoline, solvents, paint thinner, dust particles or unknown chemicals. Minimum clearance from combustible materials: 12 inches from the sides and 48 inches from the top or chimney.

- Operate only on a level and heat-resistant material.
- Keep the air opening into the combustion chamber clear of foreign objects, sticks, and ashes.