

THANK YOU FOR PURCHASING A CORE ALCOHOL STOVE!

The Core Alcohol Stove is a micro alcohol stove that includes everything you need to cook with besides the alcohol! The entire stove weighs only 1.5 oz and has a capacity of about 2 oz which is more than enough to boil a few cups of water for a hot drink or to cook small meals. It's also adjustable so that you can set it to burn really hot and fast or low and slow. The stove is built to last a lifetime and if you happen to lose any of the parts, replacements are available online at <http://Shop.MySurvivalPack.com>

CORE Alcohol Stove Assembly Instructions

Assembly videos are available at <http://Shop.MySurvivalPack.com>



1. Begin by removing the top lid of the stove .
2. Squeeze the feet together and remove them from the stove..
3. Put the lid back on the stove until it's ****secure enough that it won't fall off**** but leave the side parts open about 2-3 pennies width for a med burn.



4. Assemble the feet by opening each piece until you can slide the slots together. This will be difficult at first but will get easier as the parts break in .
5. The finished feet should look like this.
6. Slide stove body into the feet. If the stove body is loose, just squeeze at the elbows in the center (not at the feet ends) to bend them closed more..



7. Assemble the Pot Support by sliding the parts together so the slots in each part interlock..
8. Then insert the Pot Support into the stove body through the top lid.
9. The finished product should look like this from the top when complete..

GENERAL USE

The Core Alcohol Stove works by channeling fresh air into the core of the stove. The key is the Titanium Pot Support which heats up as the alcohol burns and transfers the heat into the alcohol so it can evaporate more, and burn more. As it heats up it will burn hotter, the hotter it burns the more air it will suck into its side ports and the more oxygen the stove gets. It also sections off the stove into 4 parts and acts as a wind barrier so not all sections are affected by wind equally.

The other important element is the top which controls the airflow and channels oxygen into the center of the stove. It also allows the stove to be adjustable. Opening the ports on the sides allows for a fast hot burn. Pressing the top all the way down will give you a long, slow simmer. When the top is down only the fuel at the outer edges of the stove to gets oxygen (and whatever can get through the vacuum of the hot air and flames that's exhausting out the top of the stove) so it burns much lower and slower.

Recommended fuel for the stove is Denatured Alcohol which you can get from any hardware store. Klean Strip "Green" works BETTER due to higher ethanol content, Klean Strip regular works BEST and burns clean, Everclear works GREAT but it's really expensive. Heat fuel treatment (in the yellow bottle NOT RED) which is Methanol (methyl alcohol) works OK but has fewer calories per gram than ethanol and its poisonous.

For a hot burn, rest the lid on just until it stays **firmly** in place. In this configuration 1 oz of alcohol will burn for approx 6-7 minutes and boil 2 cups of water in 4-5 min (in protected wind conditions). For a long simmer, press the top of the stove down, closing off the side ports (DO NOT ADJUST THE STOVE WHILE ITS LIT! it could spill). **To light, leave the side ports open about 2-3 pennies width for a med burn, then add 1 oz to 1.5 oz of alcohol, through the top of the stove and light** (adding more than that can be dangerous). Place a pot on the stove and flame will grow as the stove gets hot. We recommend that you use a pot with a wide bottom so it can soak up more heat and a wind screen around the stove to block as much wind as you can for the best results.

It's best to pour or squirt the alcohol in right into the center of the stove, over the pot support, so it doesn't catch on the air intake port tabs and run out the side of the stove. Make sure that the side air intake ports are slightly bent downwards so that if you do pour some alcohol on them when adding fuel to the stove, it doesn't cause the fuel to run out the side of the stove. DO NOT refuel the stove by pouring fuel openly onto the stove while it's lit, you may die. We recommend that you allow the stove to go completely out before adding more fuel! It's possible to add fuel to the stove while it's lit for a continuous burn by attaching some RC Car poly fuel line to your fuel bottle and adding fuel that way, but we don't recommend it and so do that at your own risk.

The stove contains a carbon felt insulating liner. The liner helps the stove to heat up in cold weather and it also soaks up some of the alcohol to give a few extra seconds of simmering heat at the end of a burn cycle. In cold weather you can pull the carbon felt lining out a little bit and use it like a wick to get the stove going. The body of the stove is tin that's coated in a clear lacquer to seal it from the elements and the lacquer may turn brown after the stove has been used. You can use acetone or equiv, to remove the burned lacquer after the first couple uses to shine up the stove. Make sure the stove is placed on a steady surface and test your pot on top of it to make sure it doesn't tip before lighting. Once you light the stove, if it tips, you're going to have a BIG fire problem.

CAUTION (obligatory safety warning):

Be safe when using this stove. Make sure the stove is positioned on a steady, level surface before lighting and before placing a pot on top. Never start a fire in this stove indoors. DO NOT USE THIS STOVE IN A TENT... for your own safety. Fuel can spill out of this stove if it tips and start a LARGE HOT INVISIBLE FIRE so BE SAFE with it, don't become a burn victim. The stove gets very hot while in use and takes a couple minutes to cool down after the fire is out. Some edges may be sharp. Handle with care! Do not throw water on the stove while it's hot to cool it down because it will turn into a twisted piece of art.