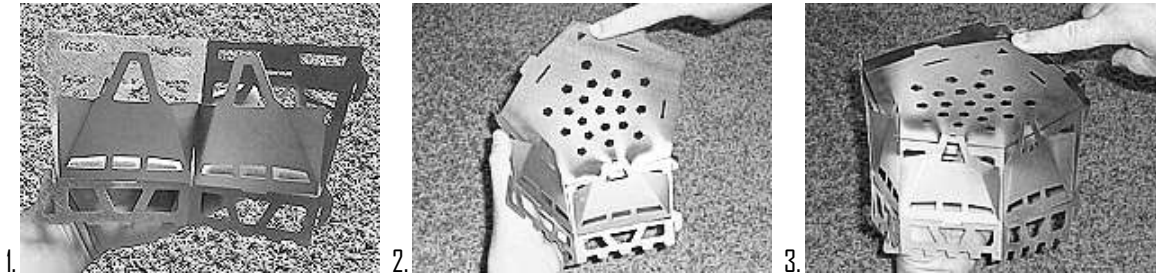


THANK YOU FOR PURCHASING A CORE STOVE!

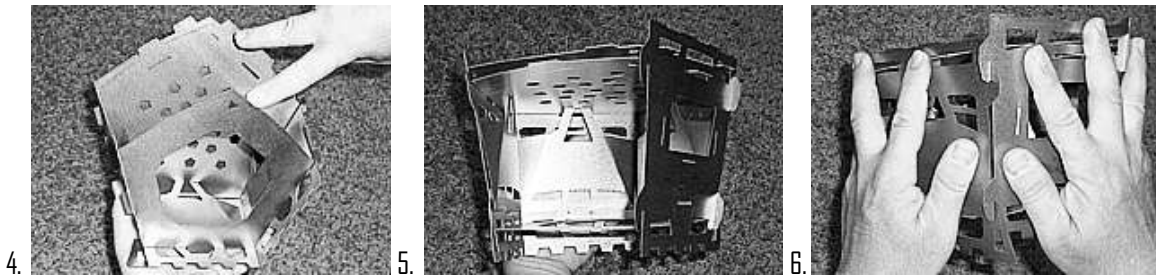
The Core Stove is a wood burning stove that burns its own exhaust. Afterburner plates guide fresh superheated air to the top of the stoves exhaust port and inject it into the exhaust. The Top Lit Updraft (TLUD) plate slows the exhaust, focuses it and works with the afterburners to burn any smoke that tries to escape once the unit reaches operating temperature. 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> We welcome you to share your tips, tricks reviews and advice on the forums at <http://MySurvivalPack.com> or visit us on Facebook at <http://www.facebook.com/mysurvivalpack>.

CORE 5 Bio-Reactor Assembly Instructions

Assemble the Core 5 upside down, it's much easier. Assembly videos are available at <http://Shop.MySurvivalPack.com>







1. Hook two sides together holding them in the palm of your hand upside down. Insert afterburner tabs into slots in side panels.
2. Align the burn plate with the hole in the corner in the center towards you. Then insert the afterburner supports into the plate.
3. Align the heat shield corner with the hole with the burn plate corner hole and insert the tabs into the bottom slots of the side panels.



4. Align the TLUD plate corner hole with the holes in the other plates and insert the tabs into the bottom ports of each side panel.
5. Attach front panels. The heat shield, burn plate and TLUD plate corners with no slot and should be between the two front panels.
6. Slide the tabs of the two front panels until they lock together.



7. Assemble rocket port hooks facing downward with curved plate on bottom and tabbed plate on top
8. Slide rocket port hooks into slots on either side of the fuel port.
9. Push the tab on top of the fuel port down until it snaps into the fuel port itself. (the slot above the fuel port is for the door)

			
<p>GRILL TIP: The grill was designed to fit on the stove without the TLUD plate. Each beam fits into a notch in the top of the panel. The CORE logo orientation will vary depending on which way the stove is assembled. The grill is thin to be weight efficient and may warp while in use. Allow it to cool naturally and it will return to its original shape.</p>	<p>ASSEMBLY TIP: Position the heat shield so that the front plates slide together on the corner with no tab.</p>	<p>DOOR TIP: The slot above the fuel port is for the doors. Insert door hinge into slot at an angle and rotate into place. The door hinge holds on better if the bend is more of a Z shape.</p>	<p>DAMPER PLATE TIP: Damper plates hang over the top edge of the stove to block wind or can be used on the lower side ports by sliding them into the clip .</p>

GENERAL USE

The Core can be used with or without the afterburner and TLUD plates or even using only the side panels over a ground fire. Start a small pilot fire by top loading the stove with tinder and small sticks and slowly add larger sticks as the fire grows, The stove will begin to heat up and the flame will center itself in the middle of the TLUD plate. At this point the afterburners are superheating the air, burning the exhaust smoke and the stove is ready to cook on. Once the unit reaches operating temperature stuff the fuel port full of fuel and slowly push it in as it's consumed. The less space in the fuel port, the less fire will creep out. If using the Rocket Port it's not as critical to keep the fuel port full. Resting the door on the top of sticks in the fuel port helps guide heat into the stove. If the fire should go out and smoke profusely, it's possible to re-light the smoke by placing a flame near the TLUD plate opening.

For full TLUD mode, assemble afterburners on all sides. Pack the stove with as much wood (or wood pellets) as you can through the TLUD plate, preferably standing on end. Light a small pilot fire on the top of the wood until the fuel inside the stove starts to burn. The key is to burn from the top down heating up the core of the stove so it starts to cook the fuel below. Sometimes placing your pot or pan on the stove will slow the draft and cause the burn chamber to heat up faster. Using this method burns can sometimes last over 1 hour without stoking or adding more fuel.

Black soot and tar will get on your cooking utensils when using this stove due to condensation triggered by the heat differential between the heat of the fire and the cool of the cooking surface. The heat shield can be used as a griddle to protect your pot from soot and tar. One method to remove this tar is to keep a woven stainless steel scouring pad handy. To clean your stove to make it look like new, just sand it with 60 grit paper and an orbital sander.

CAUTION (obligatory safety warning):

Be safe when using this stove. Never start a fire in this stove indoors. 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 its hot to cool it down because it will turn into a twisted piece of art.