

Rocket Stove



For video of step-by-step directions or to purchase : rocketstoves.org

Also: you tube: “How to Build a Rocket Stove Part 1” and Part 2”

5- gallon tin can	4”Black Stovepipe (1’ long-one edge crimped)
4” 90° Elbow	Good, sharp Tin Snips
Leather Gloves	Pencil
Knife-serrated	Chisel
Empty, clean, can(fruit/chili/etc)	Hammer
File	Ashes (sand/dirt/for insulation, NON-flammable)

Use elbow, non-crimped end as a template to and draw a circle, centered, 1” from bottom edge of can. Use hammer/chisel to start hole on edge. Wearing gloves, use tin snips to cut out hole, staying on inside of line. File cuts so there is no sharp edges.

Measure 4” from crimped end of pipe make mark all around. Use tin snips to cut. File edge.

Measure 5” from uncut end of pipe, make mark all around. Use tin snips to cut. File edge.

Fit 4” piece into cut hole in can, crimped end inside can, trim/file if necessary to fit, should extend about 1 ½” outside of can.

Use 5”piece as template for hole in lid. Use hammer/chisel to start hole. Cut w/tin snips. File

Fit 5” pipe piece onto elbow tightly. Attach elbow to bottom piece of pipe, tightly.

Cut edges off of lid so it will fit into can.

Fill can with ashes or vermiculite, until filled within 1” of top of 5” stovepipe. (acts as insulator)

Slip lid over 5” stovepipe and push down onto ashes,

Cut of top/bottom of can, Cut open along side, flatten. Mark 4” from center of bottom.

Mark 2 lines up from marks, stopping 1” from top. Cut along these lines. (looks like shirt)

Insert into cut area into 4”pipe, level w/bottom. This is fuel shelf: paper below, sticks above.

To Use Rocket Stove (for outdoor use only – it will blacken pans)



Crumple up 1 piece of paper, push to back of bottom shelf with hand or stick.



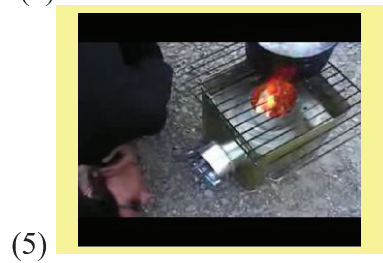
Slide 4-5 sticks onto top of fuel shelf, push to back.



Light paper with match, wait a minute. If really smoky, blow some air into fuel shelf until flame burns bright out of top.



Put grate or cookie rack on top of can, to set pot on.



Wait a few minutes until flame goes down. Put pot on top.



For hotter stove add more sticks for cooler add less, just push sticks in as needed
You can use anything that burns; charcoal, sticks, small pieces of wood.