

# Cook Stove Challenge

by Ian Mitchell

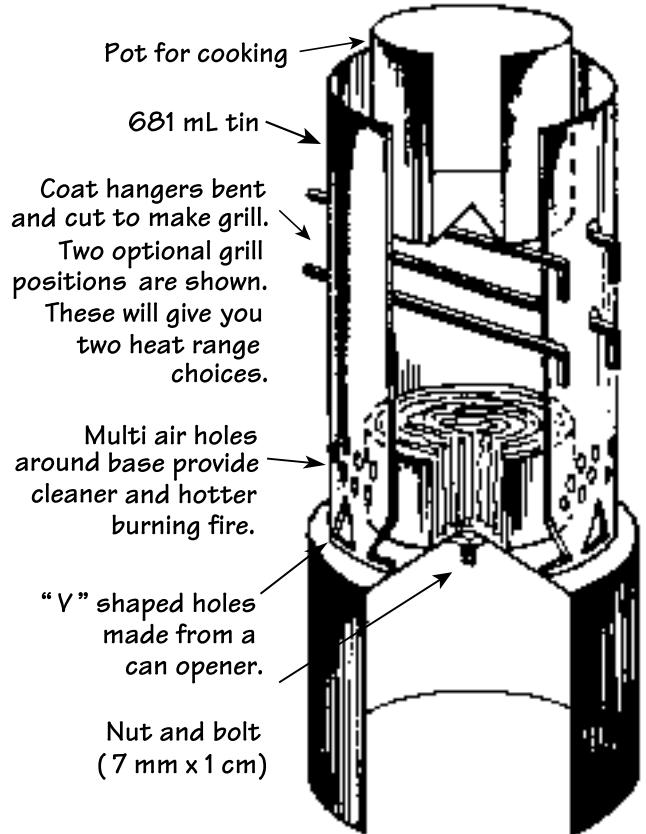
**R**ecently, while flipping through some old resource materials, I came across this tin can stove refined by the 2<sup>nd</sup> Peterborough Troop many years ago. It seemed to be a challenge that would not only test Venturers, but when functioning, would impress even the most ingenious of inventors (including Scouts or Rovers).

It requires only everyday materials to build but will need careful attention when cutting and drilling the cans due to the **very sharp edges**. Be sure to use proper gloves when assembling.

The stove itself is indeed energy efficient, needs no wood or liquid fuel, and will function in any type of weather. When packing, most pieces fit together (making it fairly compact). It is designed for cooking only single servings, as you will see from the size of the cooking surfaces. Either each Venturer will need one of their own, or youth will need to take turns making lunch.

Challenge your Venturers to assemble this cook stove for their next camp. Perhaps they can wow the Scouts at the next troop camp.

## The CAN-COOK 75 Stove



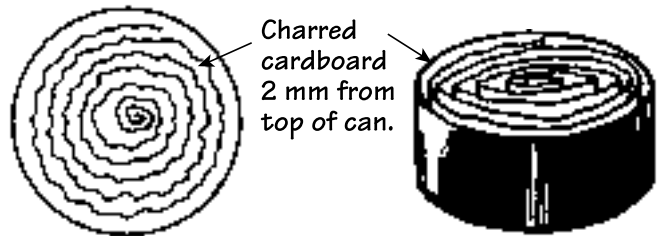
### Fuel Tin

The fuel tin is made from a tuna/salmon tin that has been emptied and cleaned. Place loosely rolled charred, corrugated cardboard into the tin. It should be cut to fit 1/8 inch below the top of the tin. Melt paraffin wax in a double boiler system and pour on top of the cardboard to a level 1/4 inch from the top of the tin. The excess cardboard acts as a wick.

This will burn for 2 - 2 1/2 hours as shown.

### Fuel Tin

Fuel tin made from tuna can. The fuel will burn about 2 hours.



We would love to hear from your Venturers about their cooking experiences using the Can-Cook 75, or other ingenious inventions. E-mail your stories and pictures to us: [imitchell@scouts.ca](mailto:imitchell@scouts.ca) ✕  
 – Ian Mitchell cooks up great ideas as Director of Scouts, Venturers and Rovers.

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