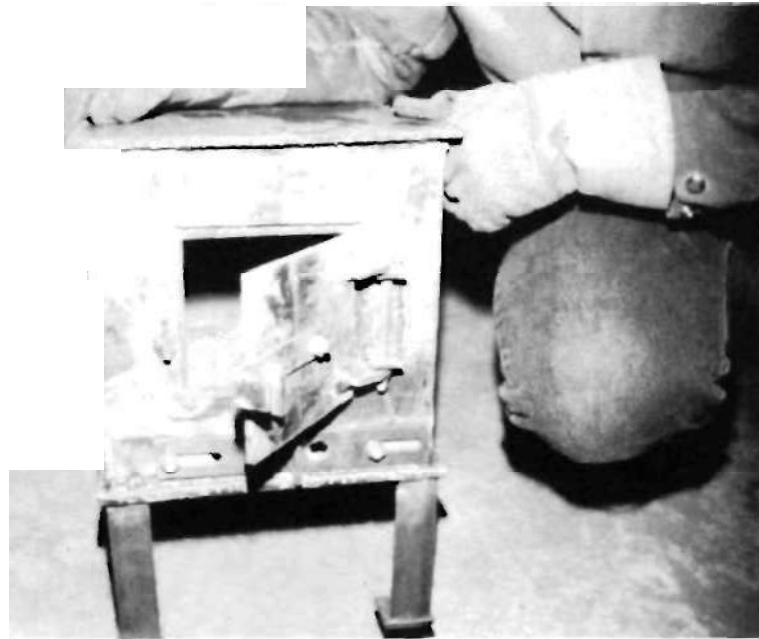


Ice Fishing Stove



Bill of Materials

Name of Parts	No. of Pieces	Size	Total Length
Sides	2	¼" plate	11 ½" x 11 ⅝"
Top	1	¼" plate	18" x 11 ¾"
Bottom	1	¼" plate	18" x 11 ¾"
Front (door)	1	¼" plate	11 ½" x 11 ⅝"
Back	1	¼" plate	11 ½" x 11 ⅝"
Legs	4	½" angle iron	1 ½" x 1 ½" x ½" x 6"
Leg stand	4	¼" plate	1 ¾" x 1 ¾"
Stove pipe	1	3" pipe	Dia. 3" x 2"
Door latch	1	⅜" plate	6" x 1"
Draft control	1	¼" plate	11" x 1 ½"
4 ex nuts & bolts	3	Bolts	⅜ - 16 NC
Door hinge	1	⅜" flat	5" x 1"
Spray paint	1	Can	

Procedures

- 1.) Lay out to cut: top, bottom, ends, and sides.
- 2.) Cut top, bottom, ends, and sides.
- 3.) Grind edges square and chip slag.
- 4.) Tack ends and sides together.
- 5.) Check for squareness. Tack top and bottom.
- 6.) Square all corners and weld.
- 7.) Cut 3" hole in top of stove for pipe.
- 8.) Weld on stove pipe.
- 9.) Cut 6"x 6" square hole for door.
- 10.) Make and tack on door hinge and latch.
- 11.) Weld hinge, latch and make handle.
- 12.) Put door frame on inside, weld and put door on.
- 13.) Drill 3-3/4" holes in stove for vent control.
- 14.) To make vent control, drill 3-3/4" holes in control, weld handle on and bolt on.
- 15.) Make legs and plates for bottom of legs.
- 16.) Weld on legs and plates.
- 17.) Clean with etching solution.
- 18.) Paint with high temperature paint.

