

## SUGGESTIONS

### About Care and Use of Stove Model EX 50-1

#### A. If Flame Burns Yellow

CAUSE: Carbon or gum bridging across outside of Generator Gas Tip.

REMEDY: Remove Burner Head and scrape carbon from Gas Tip.

CAUSE: Carbon building up on underneath side of Burner Plate.

REMEDY: Use sharp instrument to scrape carbon from underside of Burner Plate.

CAUSE: Generator partly filled with dirt or carbon.

REMEDY: Replace Generator.

#### B. If Stove Does Not Burn at All

CAUSE: No fuel, lack of air pressure.

REMEDY: See that Fount contains clean fuel and then pump in ten strokes of air into Fount.

CAUSE: Generator stopped up.

REMEDY: Replace Generator.

#### C. If Generator Lasts Only a Short Time

CAUSE: May be dirt from gasoline or loose carbon in the Generator.

REMEDY: Thoroughly clean Fount and Generator.

#### D. If Pump Does Not Work

CAUSE: Pump Leather may be dry.

REMEDY: Soften Pump Leather with oil through hole provided in cap.

CAUSE: Pump leather worn out.

REMEDY: Put in a new Pump Leather.

## FOUR THINGS

TO DO WHICH WILL HELP THIS COLEMAN STOVE GIVE YOU BETTER SERVICE AND LONGER SERVICE

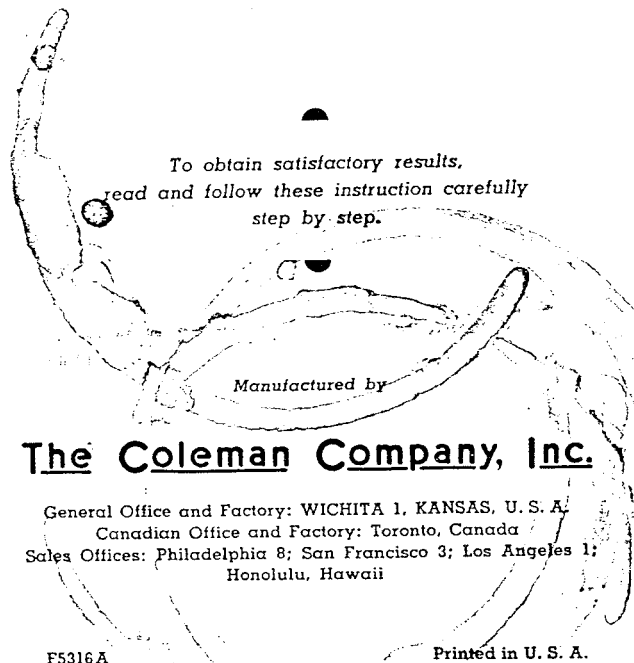
1. Always use a good grade of fresh, clean gasoline. Use non-leaded gasoline when available. Burns leaded gasoline satisfactorily; however, adequate ventilation must be provided to avoid harmful effects from lead fumes.
2. Read and carefully follow instructions given in this Direction Folder. If you will do this, you will avoid difficulties which might result from improper operation.
3. Clean out the Fount of the Stove every few months. This keeps the residue, which collects in the bottom of the Fount, from stopping up the Generator. If Stove is to be stored away or is not used for some time, remove all Fuel from Fount. Fuel may be siphoned out through Filler Plug Bushing.
4. The purpose of the Spring Clip attached to Frame is for carrying a spare Generator. Spare parts such as a Generator, a Gasket, a Packing Gland, together with a Check Valve and Spring may be carried in Pump Plunger Tube.

# OPERATING DIRECTIONS

for

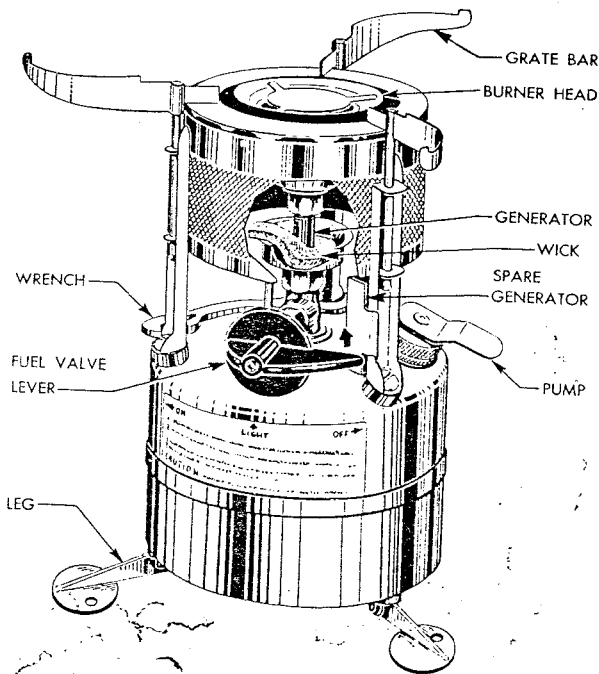
## Stove, Cooking, Gasoline One Burner — EX 50-1

(COLEMAN MODEL 536)



# How to Operate your Model EX 50-1 STOVE

(COLEMAN MODEL 536)



## A. TO SET-UP STOVE

Lift up on Grate Bars one at a time. Turn each one until short end may be engaged in slot and locked into position.

Turn Legs out from under Base to provide greater base area.

## B. TO FILL

Be sure Fuel Valve is closed by turning the Valve Lever to the right.

Remove Combination Pump and Filler Plug. Fill Fount with fresh, clean gasoline. Use Non-Leaded Gasoline when available. Burns leaded gasoline satisfactorily, however, adequate ventilation must be provided to avoid harmful effects from lead fumes.

Do not tip Stove while filling. Always set it flat on its Base.

As soon as Fount is filled, replace Pump and tighten firmly with fingers.

## C. TO PUMP

Pump ten full strokes of air into the Fount. Additional pressure should be added later after stove is generated. To keep the Pump Leather soft add a drop of oil occasionally.

## D. TO LIGHT

Turn Valve Lever to extreme left (On) position for three seconds then turn it back to right (Off) position. Apply lighted match to wick in Preheater Cup and allow to burn for one minute. Have another match ready to light in case flame in Preheater Cup goes out or is too low to ignite Burner at time you open Valve. Turn Valve Lever to vertical (Light) position until flame burns blue then turn Valve Lever to (On) position. Add about ten more strokes with Pump.

## E. TO TURN OUT STOVE

Turn the Valve Lever to the right until closed. The flame should die out in a few seconds.

## F. TO CHANGE GENERATORS

Remove the Burner Head by unscrewing it to the left.

Loosen Jamb Nut with Wrench provided. When loosening the Jamb Nut at the Base of the Generator—hold the Valve Body so that it will not be loosened in the fuel container (Fount). Unscrew Jamb Nut. Lift Generator up slightly and unhook Cleaner Needle from Eccentric Block.

Remove new Generator from Clip on Leg or from Pump Plunger. Care must be taken not to damage the Needle when reassembling Generator over the Needle. Pull Needle down out of Generator sufficiently to hook through hole in Eccentric Block. Hold Generator onto seat. Place Jamb Nut over Generator and tighten. Screw Burner Head back into position; tighten firmly.

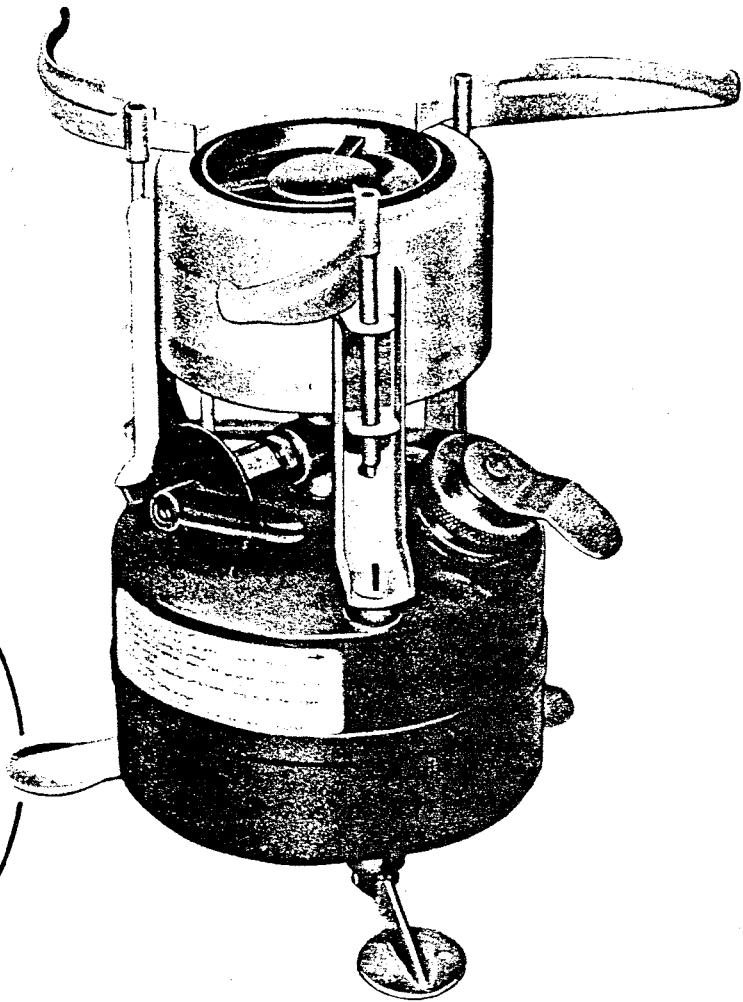
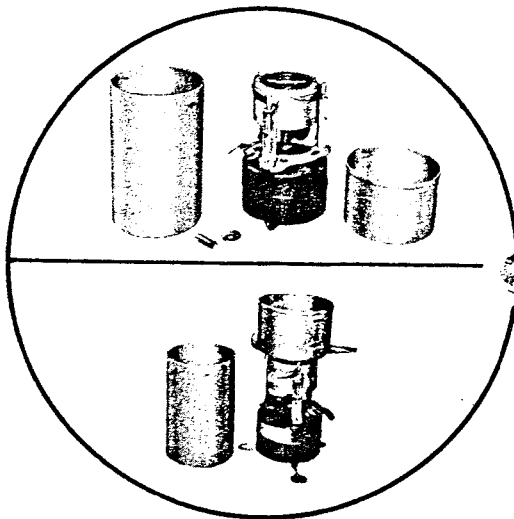


# MILITARY BURNER

MODEL NO. 536

FOR COOKING,  
STERILIZING, ETC.

Approx. 5500 BTU  
Heat Output



## FEATURES and SPECIFICATIONS

**1 BURNER:** Heat output approximately 5500 BTU.

**BUILT-IN ROTARY TIP CLEANING NEEDLE:** Tip is automatically cleaned each time valve is opened and closed.

**FUEL TANK:** Capacity  $\frac{4}{5}$  pint. Enough for 2 to 3 hours' use. Made of copper-brazed rust-resistant steel. Tank is built to withstand 10 times normal operating pressure. Has built-in pump; hand-operated filler plug.

**OVERALL SIZE:** Diameter, 4 in.; Height,  $6\frac{1}{2}$  in.; Net weight, 9 oz. Packed one per carton. Shipping weight,  $1\frac{3}{4}$  lbs.

**LIGHTS INSTANTLY** in normal temperatures or temperatures as low as  $-65^{\circ}$  F. No priming; no auxiliary fuel required for preheating.

**FAST IN ACTION:** Will boil one pint of water in 3 to 4 minutes.

**BURNER HEAD:** Stainless steel with brass inner liner.

**SPARE PARTS:** Included in pump barrel.

**FUEL:** Unleaded gas recommended for top performance but leaded gas can be used with satisfactory results.

**SAFE:** Can't be filled while lighted; can't spill fuel even if tipped over.