

**Cause:** Air intake or mixing chamber may be stopped up.

**Remedy:** Clean air intake or mixing chamber.

**If Lamp Does Not Light at All**

**Cause:** Fuel consumed.

**Remedy:** Fill fount with clean fuel and then pump in 25 to 30 strokes of air into the fount.

**Cause:** Lack of, or no air pressure.

**Remedy:** Pump 25 to 30 strokes of air into fount.

**Cause:** Gas tip may be clogged.

**Remedy:** Revolve gas tip cleaning lever several times. Be sure gas tip cleaning lever is pointing down.

**Cause:** Generator may be stopped with dirt or carbon.

**Remedy:** Put in new generator.

**Cause:** Dirty kerosene.

**Remedy:** Clean fount. Use only fresh, clean kerosene, and Coleman Filtering Funnel No. 0.

**If Light Grows Dim Rapidly or Goes Out Suddenly**

**Cause:** Fount may leak air pressure.

**Remedy:** Pump up fount and place in bucket of water to test for air pressure leak. If bubbles come from top of filler plug, tighten filler plug air stem. If bubbles continue, get a new air stem, or if necessary, a new filler plug. If bubbles come from around bottom of filler plug, tighten filler plug. If bubbles continue, replace filler plug gasket or get a new filler plug.

**Cause:** Fuel consumed.

**Remedy:** Fill fount with clean fuel and then pump 25 to 30 strokes of air into the fount.

**If a Leak Develops at Lower End of Generator**

**Cause:** Generator not properly seated on fuel valve.

**Remedy:** Close valve stem. Then tighten jamb nut at bottom of generator with a wrench. If leak continues, put on new generator. If new generator fails to stop leaking, then replace fuel valve.

**If Generator Lasts Only a Short Time**

**Cause:** Dirty kerosene.

**Remedy:** Clean fount, use only fresh, clean kerosene, and Coleman Filtering Funnel No. 0.

**Cause:** Continued careless lighting.

**Remedy:** Read and carefully follow directions regarding lighting of lamp.

**If Mantles Turn Black**

**Cause:** Air intake tube or mixing chamber may be stopped up.

**Remedy:** Clean out the air intake tube and mixing chamber.

**Cause:** Dirty burner screens in burner caps.

**Remedy:** Unscrew burner caps and screens and clean or replace burner caps and screens. Be sure to have the wires of the screens criss-crossed.

**Cause:** Enlarged gas tip orifice.

**Remedy:** Put in new gas tip or replace generator.

**Cause:** Mantles may be of inferior quality.

**Remedy:** Always use genuine Coleman Junior Mantles.

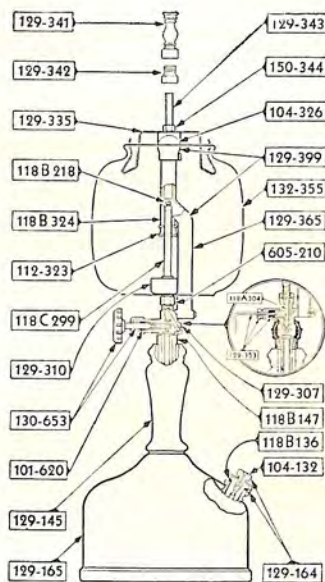
**7. If Pump Does not Work**

**Cause:** Pump leather may be dry.

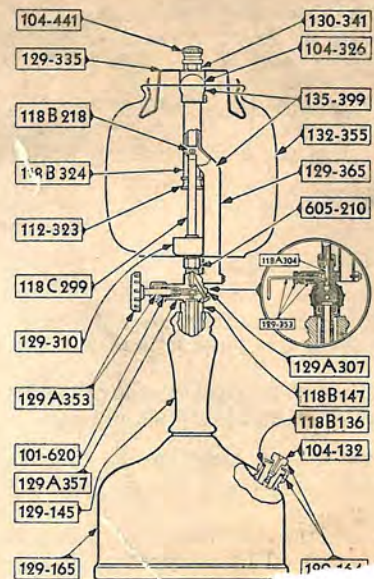
**Remedy:** Remove pump plunger and soften pump leather with oil.

**Cause:** Pump leather worn out.

**Remedy:** Replace with new leather.



**Repair Parts List  
Nos. 129 and 129G  
Coleman Kerosene Mantle Lamp**



**"Repair Parts in Canada Slightly Higher in Price on Account of Customs Duty."**

Order By Number	Name of Part	Net Retail Price
T44K	Generator and Cleaning Needle (Less Jamb Nut) (Gas Tip Marked "V") (118C299)	\$.40
355	Pyrex Glass Globe (132-355)	.90
363	Parcel Shade (129-363)	.85
101-620	Valve Stem Packing	2 for .06
104-132	Filler Plug A	.18
104-326	Mixing Chamber	.48
104-441	Ball Nut	.18
112-323	Burner Cap and Screens	.15
112-325	Burner Cap Screen	2 for .06
118A304	Eccentric Block	.06
118B136	Filler Plug Gasket	2 for .06
118B147	Handle Lock Nut	.09
118B218	Gas Tip (Marked "V")	.06
118B324	Burner Tube	.15
129-145	Handle	.15
129-164	Filler Plug Complete	.60
129-165	Fount Complete	3.00
129-310	Preheater Cap	.15
129-335	Globe Holder Clamps (Packed)	.30
129-341	Finale	.36
129-342	Finale Nut	.12
129-343	Shade Support Rod	.09
129-353	Tip Cleaner Stem Complete	.24
129-361	Finale Fittings Assembly	.45
129-365	Air Intake Tube	.45
129-399	Burner Complete	2.70
129A307	Valve Body	.60
129A353	Valve Stem Complete	.30
129A357	Valve Complete	1.20
130-341	Screw	.09
150-344	Shade Support Rod Nut	.03
216-509	Pump Leather	2 for .09
242K910	Filling Can Complete	.30
410-585	Pump	.45
605-210	Jamb Nut	.30

When Ordering Repair Parts or Writing About this Lamp, Refer to "Model 129."

**DIRECTIONS  
For Care and Operation**

**Coleman**  
TRADE MARK REG

**KEROSENE MANTLE  
LAMPS**

Alcohol-Generating

**Nos. 129 and 129G**

**Four Things To Do:**

1. Read and carefully follow directions for operation given in this folder. Thus you may insure receiving long and satisfactory service.
2. Always use a good grade of fresh, clean kerosene.
3. Be sure to thoroughly preheat generator with alcohol before opening fuel valve.
4. Clean out the Fount every few months. This prevents sediment and dirt, which may collect in the bottom of the fount, from stopping up the generator.



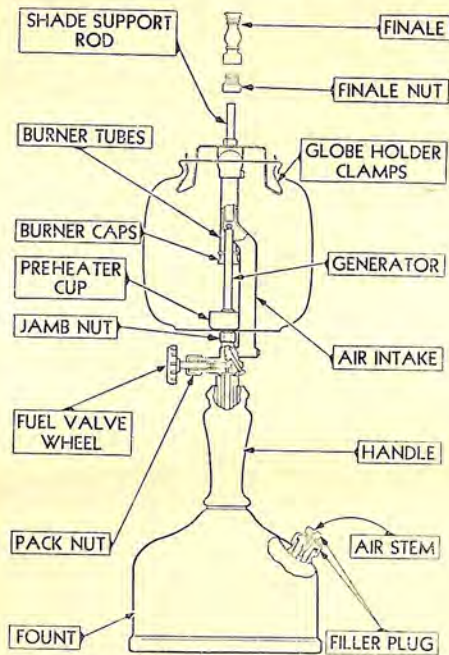
MADE IN U. S. A. BY

**The Coleman Lamp and Stove Company**

General Offices: WICHITA, KANSAS  
Branches: Chicago, Philadelphia, Los Angeles  
Factories: Wichita, Kansas; Toronto, Can.

# SAVE THESE DIRECTIONS FOR FUTURE REFERENCE

## DIRECTIONS for OPERATING Nos. 129 and 129G Coleman Kerosene Mantle Lamp Alcohol-Generating



### To Set Lamp Up

This new Coleman Lamp is shipped disassembled so as to minimize space. Carefully follow these directions for assembling this lamp:

- Apply soap to the threads on feed tube which protrudes from top of handle on fount. Be careful not to get soap on end of feed tube.
- Screw burner onto feed tube. Be sure to make this connection tight.
- Now place the flat globe holder clamp across top of burner so it is parallel to length of casting. Then place the formed globe holder clamp across top of flat clamp. Insert and tighten shade support rod.
- Place the Pyrex glass mantle protector down over globe clamps.
- Insert the finale nut through shade bushing and screw the finale onto finale nut.
- The shade can now be set onto support rod.

### 2. To Fill Lamp

**CAUTION:** It is best to fill the lamp out-of-doors and in daylight so as to avoid having open kerosene inside the building.

Be sure the fuel valve is closed. Unscrew filler plug by turning to left. Fill fount with fresh, clean kerosene.

We recommend the use of the Coleman Filtering Funnel No. 0, which removes dirt and water from the kerosene. Your dealer can supply.

Now, replace filler plug and tighten with fingers.

### 3. How to Pump Lamp

Be sure fuel valve is closed.

Now open air stem on filler plug, two full turns to left and place nose of pump in center of air stem.

Pump 25 to 30 strokes of air into fount.

Close air stem tightly with fingers.

### 4. How to Attach Mantles

Remove shade and Pyrex glass mantle protector.

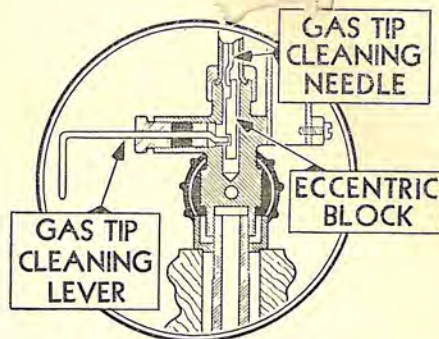
Tie mantles in grooves of burner caps with flat sides parallel to generator.

Stretch mantles evenly at top and string.

Lighted match to bottoms of mantles and allow mantles to burn until only a white ash remains—be careful not to touch or jar mantles.

### 5. How to Light

Note the gas tip cleaning lever built in the burner valve.



Revolving this lever causes the cleaning needle inside the generator to work up and down thus keeping the hole or orifice of the gas tip clean and open.

Be sure to revolve this lever several times before lighting the lamp.

THE GAS TIP CLEANING LEVER MUST BE POINTING DOWN FOR LAMP TO OPERATE. This removes the cleaning needle from hole or orifice in gas tip.

Fill the alcohol filling can three-fourths full of denatured or wood alcohol.

### Important Lighting Instructions

Take the filling can and pour alcohol in the preheater cup. This cup should be filled three-fourths full.

LIGHT THE ALCOHOL WITH MATCH.

IN ABOUT TWO MINUTES OR JUST BEFORE PREHEATER BURNS DRY, OPEN FUEL VALVE ONE-HALF TURN TO LEFT. BE SURE TO OPEN FUEL VALVE BEFORE ALL OF ALCOHOL IS BURNED OUT OF PREHEATER CUP.

The mantles will light from alcohol flame.

**CAUTION:** Do not attempt to preheat generator or light lamp in strong breeze or wind. After lamp is lighted, wind does not affect its light.

This lamp will operate equally as well on gasoline as it will on kerosene.

When using gasoline you can either light with alcohol (as for kerosene) or by the following method:

Hold two lighted (wood) matches in left hand. Apply flame to generator tube. When matches are nearly burned out, open fuel valve one-half turn to left and close quickly as soon as mantles light. When mantles begin to dim, open fuel valve one full turn to left.

Careful and sufficient preheating of the generator with alcohol and several complete revolutions of the gas tip cleaning lever each time the lamp is lighted will help to avoid formation of carbon in generator and will lengthen the life of the generator.

**NOTE:** The gas tip cleaning lever can be operated while lamp is burning. If after lighting lamp, mantles do not burn bright, revolve gas tip cleaning lever several times. Also pump additional pressure into fount.

### 6. How to Turn Light Out

Close fuel valve by turning valve wheel to right until valve is closed tightly. The light will dim and go out in a few seconds.

### 7. How to Keep Light at Full Strength

After two or three nights' use, the light may begin to dim. Pumping more air into fount and several revolutions of the gas tip cleaning lever will bring light to full brilliance.

### 8. How to Change Generators

Remove parchment shade and Pyrex glass mantle protector.

First, be sure fuel valve is closed. Then turn cleaning needle lever down.

Unscrew jamb nut at lower end of generator. Next, turn cleaning needle lever up. Lift generator up and unhook gas tip cleaning needle.

Now pull generator, with cleaning needle, down and out. Avoid touching the mantles.

### To Install New Generator:

1. Pull cleaning needle down against stop in generator.

2. Place cleaning needle between fore-finger and thumb, holding generator in upright position. Push generator through opening in air intake tube and hook cleaning needle in hole of eccentric block.

3. Now turn cleaning needle lever down.

4. Seat generator properly and screw jamb nut down, tightening with wrench.

### 9. How to Clean Fount

It is very desirable that the fount be drained at each filling.

The fount should be given a thorough cleaning at least once a month.

This removes yellow, dirty, stale kerosene and sediment which may stop up the generator and cause difficulty in operation.

Simply remove filler plug cap and drain fount through filler plug opening.

A clean fount and fresh kerosene will insure better light and better generator service.

### Always Use Genuine High-Power Coleman Mantles

The No. 21 Grade "A" Coleman Silklite mantle is made to work perfectly with the Generator, Air Intake and Fuel Mixture of this Coleman Kerosene Mantle Lamp. Therefore, we recommend that only No. 21 Grade "A" mantles be used on this lamp.

We cannot guarantee either the quality or quantity of light produced by any Coleman Lamp or Lantern if an inferior low-grade mantle is used.

## Suggestions for Care of COLEMAN Alcohol-Generating Lamps Nos. 129 and 129G

### 1. If Lamp Blazes Up and Smokes When You Light It

**Cause:** Incorrect Lighting.

**Remedy:** Read and follow directions.

**Cause:** Trying to Light Lamp in strong wind or breeze.

**Remedy:** Protect lamp from strong wind while generating.

**Cause:** Enlarged orifice in Gas Tip

**Remedy:** Put in new Gas Tip or new Generator.