

DIRECTIONS For Assembling and Operating The Coleman Quick-Lite Lamp

Packed for Convenience: This lamp is packed in just two parts: First—the fount with the handle; Second—the valve, generator and burner put together, complete and ready to use.

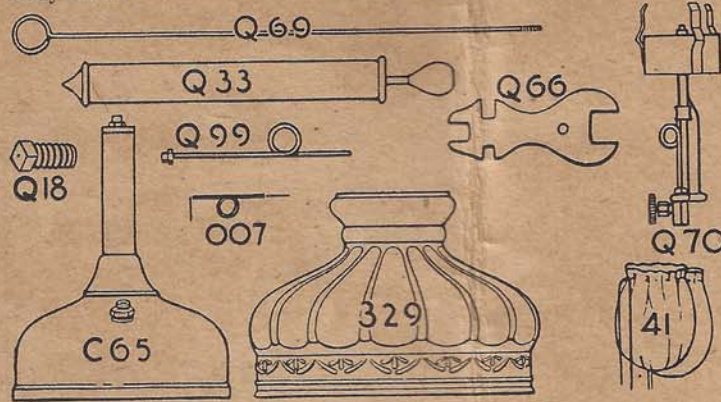


Illustration 1

1 Check up Contents of Package,

which should contain the following parts:

Name of Part	List Price
Q66 Wrench.....	\$.30
41 Two Mantles.....	*
Q69 Hanger Rod.....	.10
Q33 Pump.....	1.00
Q18 Extra Gas Tip.....	.10
007 Tip cleaning wire pick.....	.10
Q99 Extra Generator.....	.50
Q70 Burner Complete.....	4.00
329 Shade.....	*.50
C65 Fount Complete.....	7.50

2 At the left here, is a cross-section view of this lamp, with numbers and arrows indicating the position on the assembled lamp of all the more important parts, such as—

Q23-25 Burner Cap with Screen.....	.30
Q24 Burner Tube.....	.20
Q32 Air Stem.....	.30
C45b Handle, Cap and Tip.....	.60
Q56b Valve Stem and Cap.....	.40
Q57 Valve Complete.....	1.00
Q63 Shade Holder Complete.....	.40
Q64b Filler Plug Complete.....	.80

*On account of changing markets, see your dealer or write Coleman Lamp Company for prices.

3 How to Assemble:

Rub a little soap on the threaded stem just above the lock nut at top of handle. Then place Q70 burner complete in a vertical position on stem in handle on fount C65.

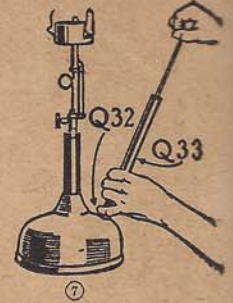
4 Then slowly screw the valve Q57 on to the stem and tighten with wrench. In doing this hold the valve firmly with wrench, taking care not to screw it on too tight or the thread on the stem above the lock nut may be stripped.

5 To Fill Lamp:

Always keep fuel away from open fire or flames of any kind. Remove the filler plug Q64b and pour into the fount three parts of clean gasoline, which is also known as "Petrol," or "Motor Spirits," or "Essence."

6 Tighten the filler plug Q64b with wrench and see that the valve Q57 is closed.

7 **Air Must Be Pumped** into the fount in order to force the fuel up the stem through the generator and into the burner. First be sure that the valve Q57 is closed. Then loosen the air stem Q32 on filler plug; a single turn is enough. Then place pump Q33 in top of air stem and pump in 25 to 30 full strokes. Now tighten air stem Q32 with fingers only.



8 To Put On Mantles:

Tie mantles on groove of burner cap Q23, flat side lying parallel to the generator coil. Distribute folds of mantle evenly and cut off surplus strings.

9 Light the mantles with a match at the bottom and let them burn out completely. This consumes the thread and only a white ash is left, which is easily crushed and should not be touched. Let the mantles cool and do not move lamp until it has been finally lighted.



10 To Light Lamp:

Always use two matches in left hand. Apply flame to lower part of generator coil Q99. Don't open valve until the matches are burned down nearly to fingers. Then open and close valve quickly with right hand.



11 Remove left hand with burnt ends of matches but keep right hand on valve stem Q56b a few seconds until the mantles begin to dim. Then with right hand open the valve one full turn for full light.

12 **To Put on Shade:** Just place it firmly on the springs attached to the side of the holder Q63.

To Extinguish Light: Turn the valve Q57 over to the right tightly and the light will extinguish in about one minute.

To Keep Light at Full Strength:

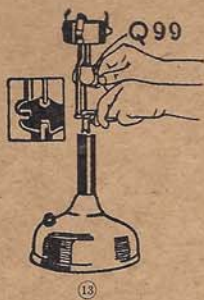
Pump in more air when the light grows dim, which it may begin to do after you have used the lamp 2 or 3 nights, or the equivalent of 8 or 10 hours' continuous service.



See the Other Side of This Sheet for Additional Directions

The Coleman Lamp Co.

GENERAL OFFICES: WICHITA, KANSAS
 PHILADELPHIA CHICAGO LOS ANGELES
 CANADIAN FACTORY: TORONTO, ONTARIO



13 How to clean or change Generator: Your generator Q99 will gradually clog up. Then you should put on a new one. An extra generator is furnished with your lamp. Additional generators cost very little. To remove generator without disturbing mantles, hold the generator coil with your finger tips and loosen the small lock nut at lower end of generator with wrench.

14 Lift the generator Q99 up a little, then out of socket, and pull it down out of the tube without striking the mantles.



15 To Remove Gas Tip Q18:

Insert the tip into slotted hole in center of wrench Q66 and unscrew same from upper end of generator. Then take the wire cleaning pick 007 and insert it through the gas tip Q18 from the inside, thus removing any carbon or dirt lodged in the tip. Don't use a needle. It is too large and will make the hole in the tip too large, causing the tip to feed too much gas into the burner.



SUGGESTIONS

About the Use and Care of Coleman Quick-Lite Lamps

1. If Lamp blazes up and smokes when you light it.

Cause—Incorrect Lighting. *Remedy*—Read and follow directions.

Cause—Gas Tip Q18 may be clogged.

Remedy—Remove and clean gas tip. See paragraph 15 above.

Cause—Enlarged opening in gas tip.

Remedy—Put in new tip, or complete new generator.

Cause—Air intake Q11 may be stopped up. *Remedy*—Clean intake.

2. If Lamp doesn't light at all.

Cause—No fuel, lack of air pressure. *Remedy*—See that fount contains clean fuel and then pump in 25 or 30 strokes of air.

Cause—Gas tip Q18 may be clogged.

Remedy—Remove and clean gas tip. See paragraph 15 above.

Cause—Generator Q99 may be stopped up by dirt or carbon.

Remedy—Put in complete new generator Q99.

3. If light grows dim rapidly or goes out suddenly.

Cause—Fount may leak air. *Remedy*—Pump up lamp and place fount in bucket of water to test for leak. If bubbles come from filler plug Q64b, reseal air stem Q32 carefully, or get a new plug.

Cause—Fuel may be consumed. *Remedy*—Fill lamp again.

Cause—Gas tip Q18 may be clogged.

Remedy—Remove and clean gas tip. See paragraph 15 above.

Cause—Generator Q99 may be filled with dirt or carbon.

Remedy—Put in complete new generator Q99.

4. If a leak develops at lower end of Generator Q99.

Cause—Generator not seated properly into the valve Q57. *Remedy*—Close valve stem Q56b. Then tighten nut at bottom of Q99 with wrench. If leak continues, put on new generator. If new generator fails to stop leaking, then trouble is with valve Q57, which should be replaced by new one.

5. If generator Q99 lasts only a short time.

Cause—May be dirty gasoline. *Remedy*—Strain gasoline through felt or finely woven cloth when filling fount.

Cause—Continued careless lighting would cause generator to carbonize.

Remedy—Read and follow directions for lighting.

6. If mantles turn black.

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

Remedy—Clean air intake or mixing chamber.

Cause—Dirty screens in burner cap Q23. *Remedy*—Unscrew burner caps and clean screens, or replace with new ones with wires of each screen placed diagonally with the other.

Cause—Hole in tip Q18 may be enlarged. *Remedy*—Put on new tip.

Cause—Generator may be filled with carbon.

Remedy—Put on complete new generator Q99.

Cause—Mantles used may be of inferior quality.

Remedy—Always use Coleman Mantles.

7. If pump does not work.

Cause—Leather plunger may be dry.

Remedy—Remove plunger and soften leather with oil.

Cause—Leather plunger worn out. *Remedy*—Put in new leather.

Cause—Point connection lower end damaged. *Remedy*—Get new pump.

8. If water gets mixed with the fuel.

Remove filler plug Q64b to let out air pressure, and remove burner by unscrewing valve Q57. Put some clean fuel in fount and pump it up very little. Then all contents of fount including water will run out of stem at top of fount. Do this two or three times. Shake fount moderately while fuel runs out.

Another easy and quick way to clean your lamp fount is to use the Coleman Draining Siphon made especially for this purpose.

9. On one filling of three pints of fuel.

The lamp will provide an average of from 15 to 18 hours' brilliant service if directions for lighting and using are followed.

Always Use Genuine High Power

Coleman Mantles

They Last Longer and Give More Light
They Are Scientifically Made and Give
Better Service



Made in U. S. A. And Licensed Under Patent No. 1107518

To get the best light and plenty of it use only the best mantles you can obtain for your lamp or lantern.

Coleman Mantles are the best. They are the result of years of study and careful research. They are preferred, the "first choice," mantles in more than a million homes where gasoline lamps are used. Long experience has proved that Coleman Mantles wear better—stand rougher usage—and are more brilliant in lighting power than any other mantles made.

Why You Will Like Coleman Mantles

1. They are full size, correctly shaped, non-shrinkable.
2. They are woven of a special "Mantle-Finish" long-fibre thread which does not unravel and which gives them the proper mesh to allow the best combustion of gas and thus make the most light.
3. They are thoroly saturated in the best grades of chemicals necessary to give them strength and brilliancy.
4. They are made without side seams and are pleated or gathered across the bottom, thus reinforcing them at the point where they are subjected to the greatest gas pressure.
5. They are easy to attach to your lamp and they are held firmly to the burner cap by the best grade of asbestos string.
6. They pay for themselves in the longer service they give because they do not have to be replaced as often as other mantles.
7. They are made to furnish 300 candle power of clear, pure white radiance that is always restful to the eyes.
8. They are the product of skilled mantle makers employed in a clean, well-lighted, separate factory department of the Coleman Lamp Company where only the best materials, methods, and machinery are used.
9. They are made especially for Coleman Quick-Lite Lamps and Lanterns. They are just right in size, shape and texture. They are given just the right chemical treatment. They work perfectly with the gas tip and air intake in producing the splended brilliance of the Quick-Lite.

This is why we can not guarantee either the quality or quantity of light produced by any Coleman Lamp or Lantern if an inferior low-grade mantle is used on it. So take no chances. Always insist on having Genuine Coleman Mantles.

MADE ONLY BY

The Coleman Lamp Company

FACTORIES AT WICHITA, KANSAS, U. S. A.
AND TORONTO, CANADA