For Assembling and Operating the Coleman Quick-Lite Lantern

Air Must Be Pumped into the fount in order to force the fuel up the stem through valve, generator and into the burner.

To Put on Mantles:
1. First, remove ventilator ball nut, LQ57. Then, remove the ventilator, LQ83. Also remove the mixer assembly, LQ37.
2. Tie mantles in grove of burner caps, Q94, flat side lying parallel to the generator coil.
3. Distribute the folds of mantle evenly and cut off surplus strips.
4. 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 don’t move lantern until it has been finally lighted.

How to Light Lantern
1. Open, mix chimney, Q99, ventilator, and ventilator ball nut.
2. Next, make sure that valve stem, LQ55, is closed. Always use two standard (not short-stemmed) parlor matches in left hand. Open door found on side of chimney Q57 and insert lit match. Apply flame to lowest part of generator coil. Q99, class of weight part. Don’t open valve until matches are burned down nearly to fingers. Then, when and close valve stem LQ55, quickly with right hand.
3. Remove left hand with bent end of matches but keep right hand on valve stem, LQ55, a few seconds until the mantle begins to trim. Then, with right hand open the valve one full turn for full light.

To Extinguish Lantern
1. Turn the valve stem LQ55 over to the right tightly, as shown by arrow on wheel, and the light will extinguish in about 60 seconds.

Caution 1—When Lantern is Used Indoors—
1. Do not use flammable furnishings in immediate proximity to lantern, as failure to do this may result in serious damage or injury.

Caution 2—When Lantern is Used in hen-houses—
1. Do not allow untrained persons to operate the lantern. All parts should be cleaned and inspected regularly.

General: Wichita, Kansas
Branches: Philadelphia, Chicago, Los Angeles
Canadian Factory: Toronto, Ontario

(See Other Side of this Sheet for further Directions)
SUGGESTIONS
About the Use and Care of Coleman Quick-Lite Lanterns

1. If lantern blows up and smokes when you light it.
   Cause—Gas tip Q2 may be clogged. Remedy—Remove and clean gas tip
   with pick. See paragraph 2 above.
   Cause—Generator Q9Q may be clogged. Remedy—Put in complete new generator Q9Q.

2. If lantern doesn’t light at all.
   Cause—No fuel, lack of air pressure. Remedy—See that fuel contains clean
   fuel and that pump is in 20 to 30 strokes of air.
   Cause—Gas tip Q18 may be clogged. Remedy—Remove and clean gas tip
   with pick. See paragraph 2 above.
   Cause—Generator Q9Q may be clogged. Remedy—Put in complete new generator Q9Q.

3. If light grows dim rapidly or goes out suddenly.
   Cause—Fuel may leak into air. Remedy—Pump up lantern and place flat
   on bucket of water to test for leak. If bubbles come from filter plug Q46,
   pour air into Q22 and ventilator Q24. If bubbles come from around the
   burner where valve Q247 screws into frame do not move valve. It
   should be tight. If leak continues, get new fuel.
   Cause—Gas tip Q2 may be clogged. Remedy—Remove and clean gas tip
   with pick. Q9Q. See paragraph 2 above.
   Cause—Generator Q9Q may be clogged. Remedy—Put in complete new generator Q9Q.

4. If a leak develops at lower end of Generator Q9Q.
   Cause—Generator not seated properly into valve Q247. Remedy—Close
   valve stem Q248. Then tighten nut at bottom of Q9Q with wrench.
   If leak continues, put on new generator. If new generator fails to
   stop leaking, there is trouble with valve Q247, which should be re-
   placed by new one.

5. If generator Q9Q lasts only a short time.
   Cause—May be dirty gasoline. Remedy—Strain gasoline through chamois
   skin when filling fuel.
   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 Q18 or mixing chamber Q26 may be stopped up.
   Remedy—Clean air intake or mixing chamber.
   Cause—Dirty screens in burner cap Q26. Remedy—Unscrew burner cap
   and clean screens, or replace with new ones with wires of each screen
   placed diagonally with the other.
   Cause—Hold in Q26 may be enlarged. Remedy—Put on new tip.
   Cause—Generator may be clogged. Remedy—Put on complete new generator Q9Q.
   Cause—Mantles used may be of inferior quality. Remedy—Always use Cole-
   man Mantles 1.25.

7. If pump does not work.
   Cause—Leather plunger may be dry. Remedy—Lubricate plunger and refill with leather and oil.
   Cause—Point connection lower end damaged. Remedy—Get new pump.

8. If water gets mixed with the fuel.
   Remover filter plug, Q46, to let out air pressure, and then remove, first
   the generator, next, the burner, then the frame and last, the valve. Shake
   fuel moderately while contents run out. Then rinse fuel thoroughly with
   clean fuel.

   The lantern will provide an average of from 10 to 12 hours brilliant
   service if directions for lighting and using are followed.

Always Use Genuine High Power No. 41
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. 1207218

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 many years of
thoughtful research. They are the preferred, the “first choice” mantles
of more than a million users of gasoline lanterns and lamps. Long experi-
ence has proved that Coleman Mantles wear better—stand rougher usage
—and are much more brilliant in lighting power than any other mantle
made.

Why You Will Like Coleman Mantles Best
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 thoroughly saturated in the best grades of chemicals necessa-
   ry to give them strength and brilliancy.
4. They are made without side seams and are planted 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 lantern and are held firmly
   to the burner cup 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 100 candle power of clear, pure white
   brilliance that is always useful to the eye.
8. They are the product of skilled mantle makers employed in a
   clean, well-lighted, separate 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 to produce the splendid brilliancy 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 grade
mantle is used in 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