How To Use and Enjoy Your Coleman Lantern models 22OH195 & 228K195
1. **How To Use and Enjoy Your Coleman Lantern models 220H195 & 228H195**

   **Cautions:**
   1. Read these instructions thoroughly.
   2. CAUTION: Never loosen or remove fuel cap while lantern is lighted or near open flame, other heat sources, or while top of lantern is hot to the touch.
   3. Store fuel in a clean, properly marked, metal container away from open flame or excessive heat.
   4. Do not use in tightly closed area. Any combustion process consumes oxygen. Leave an opening of 3 sq. inches to provide proper ventilation.
   5. ADDITIONAL VENTILATION MUST BE PROVIDED FOR PERSONS AND OTHER FUEL BURNING APPLIANCES OCCUPYING AN ENCLOSED AREA.
   6. Never allow tents, sleeping bags, clothing or other combustible materials to come within two feet of the top and one foot on all sides of the lantern.
   7. Do not operate lantern if mantle has a hole in it.
   8. Do not use any device or part not expressly approved by The Coleman Company, Inc.
   9. This lantern is designed as a lighting device only. Do not use in any manner not expressly approved by The Coleman Company, Inc.
   10. Do not adjust light output.
   11. KEEP OUT OF THE REACH OF CHILDREN.

2. **To Fill Tank**
   1. Close valve wheel firmly by turning to right. (Fig. 2)
   2. Close pump knob firmly by turning to the right. (Fig. 4)
   3. Unscrew fuel cap. (Fig. 1)
   4. Lantern must be in level position. DO NOT TIP.
   5. Use a funnel and fill only with Coleman fuel or clean white gas.
   6. Replace fuel cap. Tighten firmly to the right. WIPE OFF ANY SPILLED FUEL.

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3. **To Turn Off**
   1. Rapidly rotate cleaning lever several times. Leave in down position.
   2. Close valve wheel firmly. Light will dim and go out in a few seconds.
   
   **NOTE:** Never let light pulsate or go out for lack of pressure.

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4. **To Pump**
   1. Valve wheel and fuel cap must be closed firmly.
   2. **TEST PUMP.** Close pump knob firmly. Place thumb over hole in pump knob and pump. If you feel little or no resistance, oil or replace pump leather. If pump resists, go on to the next step.
   3. Open pump knob one complete turn left.
   4. Place thumb over hole in pump knob and pump at least 35 full strokes. If tank is not full, more pump strokes required. **GOOD AIR PRESSURE IS IMPORTANT.**

5. **To Light**
   1. Turn cleaning lever down. (Fig. 5)
   2. Push light match through lighting hole and hold near mantles and OPEN VALVE WHEEL TO LEFT ¼ TURN ONLY. Opening further will cause flooding. Mantles will take a few seconds to light.
   3. When mantles glow brightly (no flame), open valve wheel all the way to the left (about 3½ turns).
   5. Rapidly rotate cleaning lever several times. Leave in down position.
   6. Air pressure must be added at intervals. Good air pressure is important. (Step 4)
   
   **NOTE:** Flames other than at mantles indicate flooding. Close valve wheel firmly. Permit flames to burn out. Allow lantern to cool. Review instructions.

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6. **Fig. 1**

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To Tie On Mantles
1. Tie mantles around groove in burner caps. Distribute folds of mantles evenly. Cutoff surplus string (See drawing).
2. Light bottom of mantles evenly. Burn until nothing but white ash remains.
3. Allow mantles to cool before lighting lantern. ALWAYS USE GENUINE COLEMAN MANTLES.
4. Assemble lantern.

Fig. 3

To Replace Generator
1. Close valve wheel firmly. Turn cleaning lever up.
2. Unscrew jamb nut at lower end of generator.
3. Lift generator and unhook cleaning rod. Remove generator.
4. Remove jamb nut from old generator.
5. To install new generator:
   Pull cleaning rod down about 1".
   Slide jamb nut down over generator.
6. Place cleaning rod between thumb and forefinger with generator in upright position.
7. Insert generator into air intake tube and hook cleaning rod in hole of eccentric block. Turn cleaning lever to down position.

Always Use The Right Kind Of Fuel
Substances in gasoline which do not vaporize will form carbon in the generator of your lantern. The length of service you get from your lantern and generator depends greatly upon the kind of fuel you use. Use only Coleman Stove and Lantern Fuel or clean white gasoline. Never use fuel containing lead compounds or lubricating oils. Store your fuel in a clean, closed metal container.
Cautions:

1. READ THESE INSTRUCTIONS THOROUGHLY.
2. CAUTION: Never loosen or remove fuel cap while lantern is lighted or near open flame, other heat sources, or while top of lantern is hot to the touch.
3. Store fuel in a clean, properly marked, metal container away from open flame or excessive heat.
4. Do not use in tightly closed area. Any combustion process consumes oxygen. Leave an opening of 3 sq. inches to provide proper ventilation.
5. ADDITIONAL VENTILATION MUST BE PROVIDED FOR PERSONS AND OTHER FUEL BURNING APPLIANCES OCCUPYING AN ENCLOSED AREA.
6. Never allow tents, sleeping bags, clothing or other combustible materials to come within two feet of the top and one foot on all sides of the lantern.
7. Do not operate lantern if mantle has a hole in it.
8. Do not use any device or part not expressly approved by The Coleman Company, Inc.
9. This lantern is designed as a lighting device only. Do not use in any manner not expressly approved by The Coleman Company, Inc.
10. Do not adjust light output.
11. KEEP OUT OF THE REACH OF CHILDREN.

Things You Should Know:

1. Use only Coleman fuel or clean, fresh, white gas. NEVER USE FUEL CONTAINING LEAD COMPOUNDS OR LUBRICATING OILS.
2. Carry a spare set of Coleman mantles.
3. If lantern is stored, refill annually with fresh fuel.
4. Oil pump leather periodically to keep it soft and pliable.
5. If necessary to write the service center or the factory, refer to your lantern as a model 220H or 228H. If you mail the lantern, send it without glass and ventilator to avoid breakage.
6. If lantern fails to operate satisfactorily, refer to directory packaged with product for list of Coleman service centers.
Your Coleman Guarantee

All new models of Coleman Outing Products are guaranteed against faulty material or workmanship.

Any part found defective because of imperfect material or workmanship will be replaced without charge when returned with transportation charges prepaid to the Coleman factory, or to the nearest Coleman authorized in-warranty service center.

EXCLUSION OF OTHER GUARANTEES:
The only guarantee or warranty extended is the guarantee set out above. Buyer acknowledges that Coleman is extending no other warranties express or implied, nor any warranties of merchantability nor fitness for a particular purpose and that neither Coleman nor its dealers or agents shall be liable for any consequential or incidental damages including injury to the property of others. This guarantee does not apply to generators on stoves and lanterns, batteries and bulbs on electric lanterns, wicks on catalytic heaters nor to any product where it is evident that damage has developed from improper handling or operation.

NOTICE: The use of any attachment or device that is not expressly approved by The Coleman Company, Inc., to alter or affect the operation of the appliance automatically cancels all warranties.

Coleman’s warranty on repair parts is made null and void by their use on other than Coleman manufactured appliances. Coleman’s warranty on Coleman appliances is made null and void by use of other than genuine Coleman repair parts. Always look for this Coleman label.

Made in United States of America

THE COLEMAN COMPANY, INC.

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Canadian Office and Factory: Toronto, Canada

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