

HUMPHREY GAS LIGHT

Before connecting lamp to gas supply, be sure valve is in the "OFF" position. Check all fittings and connections for leaks with a soap solution before lightening the lamp.

After mantle has been burned off, insert lighted match through opening in bottom of globe and hold near bottom of mantle. **DO NOT TOUCH MANTLE FABRIC.** Next turn gas full on with valve handle. **CAUTION:** Do not turn on gas before inserting match. Note: When a lamp has first been connected, there may be air in the gas line. Several matches may be required before lamp will ignite. Gas valves should never be turned on until after lighted match is inserted. Should light pulsate after burning for awhile this would indicated undergassing or low pressure.

If light flames or carbon spots appear on mantle, follow this procedure: check inside of Bunsen tube. Spiders and other insects sometimes enter through air openings when lamps have not been in use and we often find a spider web in the Bunsen is the cause of the trouble. If light still carbons, this indicates over gassing.

When the portion of your gas light next to the wall becomes hot, there is no cause for alarm. This is the nature of this type of appliance and while it feels hot to the touch it does not become hot enough to create a hazard.

A mantle should be replaced when a hole appears in the side. This produces a flame and if left will become larger and break the glass. It is also inefficient and reduces the brightness of the lamp.

INSTRUCTIONS FOR LIGHTING MANTLE:

Tie single knot in string at throat of mantle. Work fingers into throat of mantle to enlarge throat so that it will slip over burner nose and seat in groove shown in Fig.1. Distribute puckers in mantle evenly around burner nose. Pull ends of string snugly so that the mantle and string are seated securely in burner nose groove as in Fig. 2. Tie double knot and clip off excess string as shown in Fig. 3.



It is recommended that a new mantle be lighted at the bottom allowing fabric to burn completely before turning on gas. Caution: Mantle has now become a chemical ash and must not be touched. It is misshapen and requires further burning to shrink to its final form.

Turn on and light gas and mantle will soon be properly shaped. Allow gas to burn for at least 5 minutes. Put globe on carefully and lamp is ready for continued operation. Humphrey lamps are designed for use on Liquefied Petroleum (Butane and Propane) Gases at a pressure of 11" water column. (6 oz) **Do not attempt to use this light on non-regulated high pressure gas.**