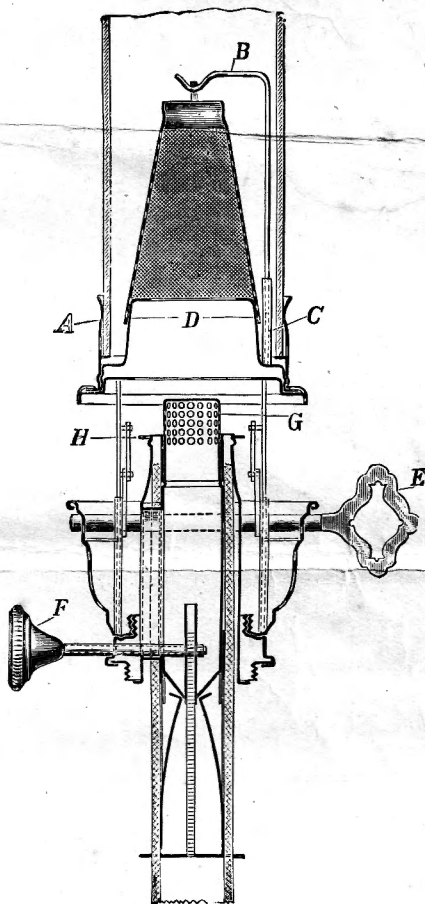


Instructions for the Use of C. H. STIRLING CO.'s Incandescent Kerosene Burner



The Burner may be fitted to any Duplex Fitting lamp in the ordinary way either by screw or by bayonet clasp.

To Adjust the Mantle.— Fix the mantle Rod "B" firmly in the socket "C," to be found inside the rim of the chimney holder.

Carefully suspend Mantle on hook of the Rod so that it will hang perfectly upright in the centre of the chimney, and perpendicularly over the flame. Slightly bend the Rod as may be necessary. When in position flare the dressing by applying a lighted match. Care should be taken that the Mantle does not rest on Burner Cap "D," and that little room remains between the side walls of Mantle and Burner-Cap (see sketch), otherwise the power of light is reduced.

Fit chimney in usual way. See that it does not fit too tightly about the base. Press out the teeth of the Chimney Rim if necessary.

A wick adjustment gauge is provided with each Burner. To adjust the wick to the proper height remove the flame spreader and put the gauge in its place. Screw up the wick until it is level with the top edge of the gauge. Lock the wick in this position. Remove the gauge and replace the spreader.

To Light.—By turning the Lifter Key "E" the gallery Chimney and Mantle are raised. Then apply lighted match to the wick. After the lapse of a minute or so lower the Gallery Chimney and Mantle, when the Mantle will be seen to glow.

Should the flame extinguish itself the Burner would not be sufficiently warm. It should be relighted as stated above and the upper part remain elevated a little longer.

The "Perfecta" Burner if properly regulated, will burn at its full lighting power without carbonising the Mantle.

Locking the Wick.—In order to secure the correct adjustment of the wick, and consequently the flame, for a long period; when the wick is correctly regulated turn the circular catch on the wick raising key as far to the right as it will go. Holding it in this position press it tightly against the Keyhead "F." In this position the wick can only be screwed to a certain height.

To Extinguish.—By turning the Key "F" to the left the flame will be extinguished.

To Clean.—All parts of the Burner must be kept clean from oil deposit. Take off the upper portion with Mantle and Chimney, take out the spreader and clean the wick by wiping lightly. The wick must never be cut with scissors. It must be kept perfectly level by burning with red hot iron when required.

It must be specially noted that the holes around the Flange Ring "H" should not be permitted to become clogged and the Flange Ring be scraped clean.

BURNERS, MANTLES, CHIMNEYS AND ALL ACCESSORIES SUPPLIED BY
C. H. STIRLING CO., - 8 Dix Place, Boston, Mass.