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30" Globe Vulcan Wick Installation Instructions

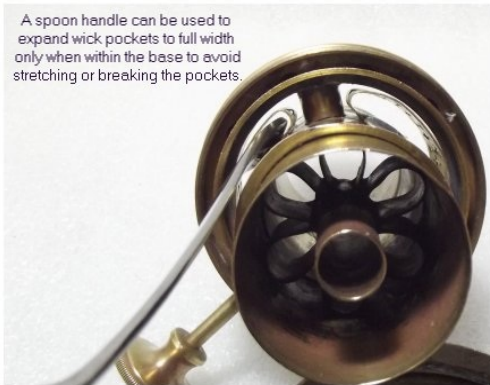


Globe Vulcan 30" burner assembled, left, and disassembled, at right.

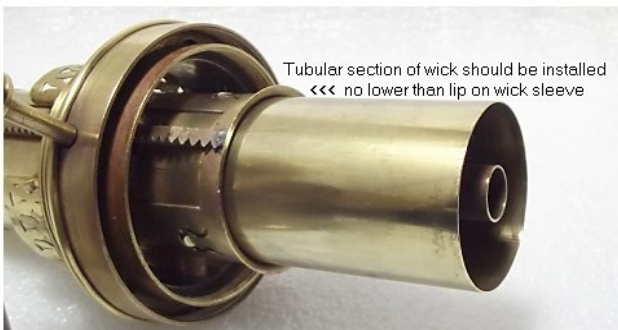
Note the wick pockets on the bottom of the wick sleeve and the wick raising gear on the wick sleeve (right). This is a center draft burner. The same wick was used in the 30" Vulcan side draft burner with a bottom plate on the draft tube and the winding gear inside the tube.



A spoon handle can be used to expand wick pockets to full width only when within the base to avoid stretching or breaking the pockets.



Make sure the wick pockets are fully open. Often the wick pockets have been bent too close to the draft tube. A narrow spoon handle can be used to expand the wick pockets to full depth, but the wick pockets are fragile and should only be expanded when raised within the body of the burner base.



Tubular section of wick should be installed <<< no lower than lip on wick sleeve

The photo at left shows the top of the gear rod up against the top of the wick sleeve. The tubular section of the wick should NOT be pulled lower than the lip on the wick sleeve or the seams will split.

Wick Installation, Step 1



Align the dark patch over the wick winder knob. Start wick installation by pushing each tail through the wick pockets when the pockets are raised as high as possible, as shown at left. Pull each tail evenly to keep the tubular section of the wick straight with the draft tube.

Step 2



Pull each tail in sequence a little at a time until the dark patch on the wick is seated to the top of the gear rod, as shown. Pulling the wick further down will pull the wick over the extended lip of the wick sleeve and split the seams on the wick because the lip on the wick sleeve is considerably larger in diameter than the draft tube underneath it.

Step 3



The photo at left shows the wick fully seated down, covered by the outer wick tube. The excess exposed wick is to make up for variations in burners made over the years.

At this point the wick is trimmed level with the top of the draft tubes using good shears or a razor.

The wick is now ready to be burned level. Replace the gallery on the burner and install the burner on the font. **DO NOT ADD FUEL TO THE FONT!!!** Put about a teaspoon of fuel or alcohol on the top of the wick as trimmed level with the draft tubes, replace the flame spreader, light the wick, and place the chimney on the burner. The wick will burn the fuel, then the cotton wick itself will burn down level with the draft tubes. Raise the wick so that 1/16th inch or so is again exposed, repeat the 'dry burning' technique, and again burn the wick down level with the draft tubes. (Warning: burning cotton is smelly.) The wick will then have a level burning surface producing an even burn without flame spikes, and retract down into the draft tubes sufficiently to extinguish the flame. Fuel the font, wait a half hour, and enjoy burning the lamp!