

DIRECTIONS...

for **Assembling
Operating and
Maintaining the**

***Nu-Type* Aladdin**

Instant-Light
Kerosene Mantle Lamp

Model A

To Assemble:

1—Attach burner to bowl by screwing threads on burner into collar on bowl, (Fig. 1). (Tripod on Nu-Type Aladdin is supported by the gallery—read instructions for assembly and how to attach tripod, on envelope in which it is packed).

2—Fill the oil receptacle with a good grade of kerosene (coal oil) by unscrewing filler-cap in

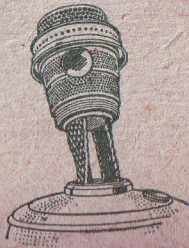


Fig-1

top of receptacle. Allow new wick to soak for several hours before lighting. If possible, let it soak for twelve hours; even longer will do no harm.

3—Never use Gasoline or other dangerous fuels in the Aladdin Lamp. (Note Paragraph No. 1 under "Important Information" on reverse side.

4—Next read the instructions on the outside of the mantle box, and then remove mantle therefrom as directed. See Figure 2. Now place mantle on gallery (the upper and detachable part of the burner which holds the chimney) and lock under all four catches by turning to the right or clockwise. (See Figure 3).

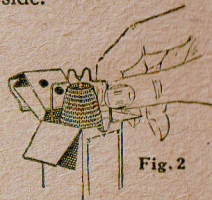


Fig. 2

Fig. 3



5—If mantle, when fitted to burner, does not hang central, carefully bend the wire mantle support so mantle will hang central over burner.

6—Burn protective coating off the mantle by touching flame of match to the bottom of the mantle. Be careful not to touch mantle with the match stick or you may injure it (See Figure 4).

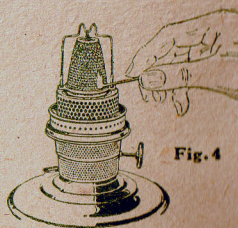


Fig. 4

7—Place chimney (larger end) in the gallery and lock by turning to the right. Turn only until you feel that chimney is snugly held.

8—The Aladdin is now ready to operate.

To Operate:

9—After wick is thoroughly soaked with oil, remove gallery, mantle and chimney in one piece by turning gallery to the left and raising it from the burner.

10—Turn wick up about one-eighth inch above outer wick tube and light (Figure 5). Allow flame to extend all around the wick then carefully put on gallery with mantle and chimney. **CAUTION—**Never allow gallery to carelessly drop into position on the burner as this may injure the mantle. Keep the wick smooth, don't rough it up with the match when lighting.

11—You may now turn the wick up slowly until a part of the mantle incandesces or gives light. Later when the lamp has warmed up thoroughly, the wick may be raised until the mantle gives off its full capacity light, where it will remain indefinitely.

Never turn the lamp up immediately after lighting so that the entire mantle glows (incandesces) with white light for the reason

that as the lamp warms up the glow will gradually spread to completely cover the mantle. If no allowance is made at the start for this increase in glow or incandescence, the mantle will overfill and carbonize (soot) as the lamp gradually warms up. If after lighting the wick, it is turned up too rapidly the flame may puff out.

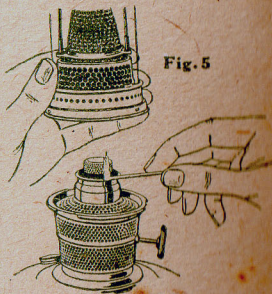


Fig. 5

12—To extinguish the light, blow it out like you would the ordinary lamp.

13—To clean wick remove gallery, remove flame spreader from the center tube. Figure 6. Turn the wick down level with the tubes, insert wick cleaner in the center tube, turn wick up until its top presses gently against the wick cleaner, then turn cleaner to the right gently cleaning and smoothing the wick surface.



Fig. 6

Do not use the wick cleaner vigorously or with any considerable pressure as the wick cleaner is intended merely to remove the topmost residue that deposits itself upon the wick surface while lamp is in operation. (Read item 5 on care of wick in "Important Information" on reverse side).

14—If after the Aladdin has been in use for sometime and it is found that the wick has burned down so that it cannot be raised high enough to furnish a good light, it may be reset in its wick carrier so that it will give additional service. To reset wick, proceed as follows:

Remove the gallery containing the mantle and chimney; remove the outer wick tube by turning to the left and raising it; turn the wick up as far as it will go, then lift wick carefully until the wick raiser is about $\frac{1}{2}$ " above the top of the flame spreader.

Do not remove the lower end of the wick from the burner. Now press in the sides of the wick slightly and disengage the brass wick knobs or warts from the lower holes in the wick raiser, and engage them in the two *upper* holes in the raiser.

Pass the wick down, placing rack in its guide in inside of outer wick tube until the lower end of rack engages the gear, then turn the wick down as far as it will go by turning the button.

Replace the outer wick tube, and lock it securely in the burner. After wick has once been reset and burned down a second time, it must be replaced with a new wick.

15—If wick becomes rough or uneven it may be necessary to rechar. If so, first, remove gallery with mantle and chimney and do not replace until charring operation as follows is complete: Remove all the oil from the bowl. Dip the top of the wick in oil (for only an instant) and set it so the lowest part of the edge is even with the wick tubes, light and let it burn dry. Do not blow it out but let it char after the oil has been burned out. After re-charring the wick it may be necessary to operate the lamp a few hours before a full light can be obtained, as it sometimes requires a few hours burning for the flame to properly char the outer edge of the wick. The wick cleaner should be used very lightly on a re-charred wick as it requires a few nights' burning for it to acquire the proper shape.

16—Directions for completely re-wicking will be found packed with each Nu-Type Aladdin Instant Light Wick.

Be sure to Read the Important
Information on Reverse Side ::

Read and Remember

to Insure Perfect Performance of the

Nu-Type Aladdin Instant-Light

Kerosene Mantle Lamp

Read and Remember

5. Care of wick. Note the beveled shape as well as the smoothness and uniformity of top of new wick. For best results keep the wick in this condition. Use the wick cleaner before each lighting to gently remove carbon and deposit and to maintain the shape of the wick surface. See Figure 6. Carefully blow off any small particles of dirt that cleaner may not remove. Don't trim the wick with scissors. If wick becomes rough or uneven, re-char. See Paragraph 15, under heading "To Operate." By using the best grade of oil, less cleaning of the wick will be necessary.

10. Satisfaction assured with proper care. The Nu-Type Aladdin Instant-Light Lamp is very reliable and will give perfect results if given the proper care, such as keeping the wick surface clean and uniform and the using of good fuel.

The Mantle Lamp Company of America, Inc.

Largest Kerosene (coal oil) Mantle Lamp House in the World

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