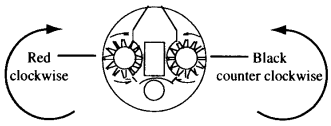
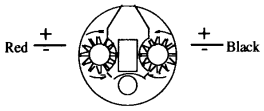
Turning of the Motor

There are limit adjusting knobs located on the power cord end of each motor. These knobs represent one of the two directions (up or down) in which the motor can move the shade/shutter. Turning the knobs toward the (- arrow) produces a decrease in switch range or fewer turns of the motor. Turning the knobs toward the (+ arrow) produces an increase in switch range or more turns of the motor.

Due to installation variables, it is not possible to state with certainty that a particular color knob always produces up or down movement. These variables would include whether the motor was installed in a right or left handed position or whether the slats uncoil from the front or rear of the reel. However, when the motor is viewed from the cord end, the red knob always controls or limits clockwise rotation and the black knob always controls or limits counter clockwise rotation.



To adjust number of motor turns



Elero Motor Field Adjustments

Important: The following directions are based on standard installations with the motor parallel to the floor and the power cord on the bottom side of the motor. The motor can be installed in either a right or left hand position. Variations from above motor position will not cause any changes in the clockwise or counter clockwise movement of the knobs but may affect comb direction.

For adjustment in the field, the following procedures are recommended:

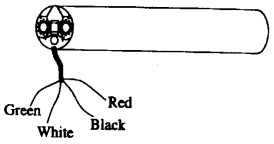
1. With the shade/shutter in the approximate mid-window position, decrease the range of the motor by running the comb in a downward (-arrow) direction approximately 5 or 6 times over both limit cogs. This ensures that the motor will stop before it reaches it's desired up or down destination.

2. Turn the switch on in either direction and allow motor to run until it shuts itself off before desired destination. If motor does not stop before desired destination, return shade/shutter to middle position and repeat step #1.

3. After motor stops before reaching desired destination, leave switch on and run comb in upward direction over (+ arrow) one cog for 1 revolution. Motor will move in desired direction as knob is rotated. Jog shade/shutter into correct position. (If motor does not move when knob is rotated, make adjustments with other cog).

4. Repeat step 3 with motor running in other direction and make adjustments to other cog.

5. If switch is installed incorrectly (down is up/ up is down) then either turn switch 180° in J-box or reverse black and red wires at the switch connection. The red motor wire controls counter clockwise rotation and the black motor wire controls clockwise rotation.

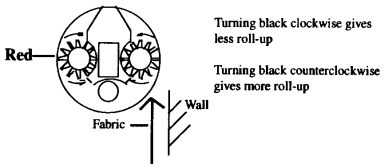


Green wire is the ground wire
White wire is the neutral wire
Red wire energizes counter clockwise rotation
Black wire energizes clockwise rotation

All tubular motors have a range. It is the maximum number of rotations or turns the motor can make when both limits are fully extended. The exact range varies depending on motor size. The standard range for #9 series motors (2" motors) is 21 turns but 35 turn motors are available upon request. The standard range for the #11 series motors (2-1/2" motors) are 21 turns. It is essential to be aware of motor range when attaching shade material or shutter straps to the motor tube. For example, it is possible for a motor to reach the end of its range and shut off before the shade reaches its desired destination. This means that the shade has not been properly attached within the range of the motor and must be reattached within motor range. Limit switch knobs will become increasingly harder to turn as they approach their limit.

DO NOT FORCE LIMIT KNOBS PAST NORMAL STOP! **Forcing the limit knobs will cause the limit switch assembly to break and voids the motor warranty.**

To adjust Roll-Up
Fabric hanging from rear



TO CALCULATE THE DROP

Formula for the circumference of a tube
C= π x d where
C= circumference
π= a constant 3.14
d= diameter of tube

Example: The circumference of a 2" tube is 6.28" (6.28 = 3.14 x 2). This means that every tube rotation will pick up 6.28" of material. 10 rotations will pick up 60.28". However, these calculations do not allow for the diameter increasing slightly each rotation due to the thickness of the material. The average pick up per rotation for the average shade using a 2" tube is 6-1/2".

Contact Your Elero Supplier

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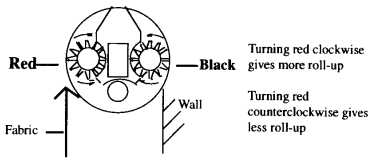
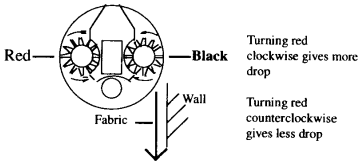
(800) 752-8677 or (214) 343-1676
Fax: (214) 342-8528
elerousa@airmail.net

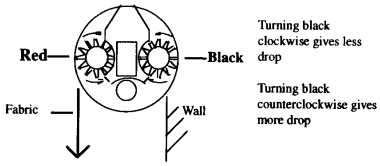
To Adjust Roll Up
Fabric hanging from front



To Adjust Drop
Fabric hanging from rear



To Adjust Drop
Fabric hanging from front



TUBULAR MOTOR INSTALLATION INSTRUCTIONS

9 AND 11 SERIES MOTORS 110 VOLT/ 60Hz

elero

ISO 9001