

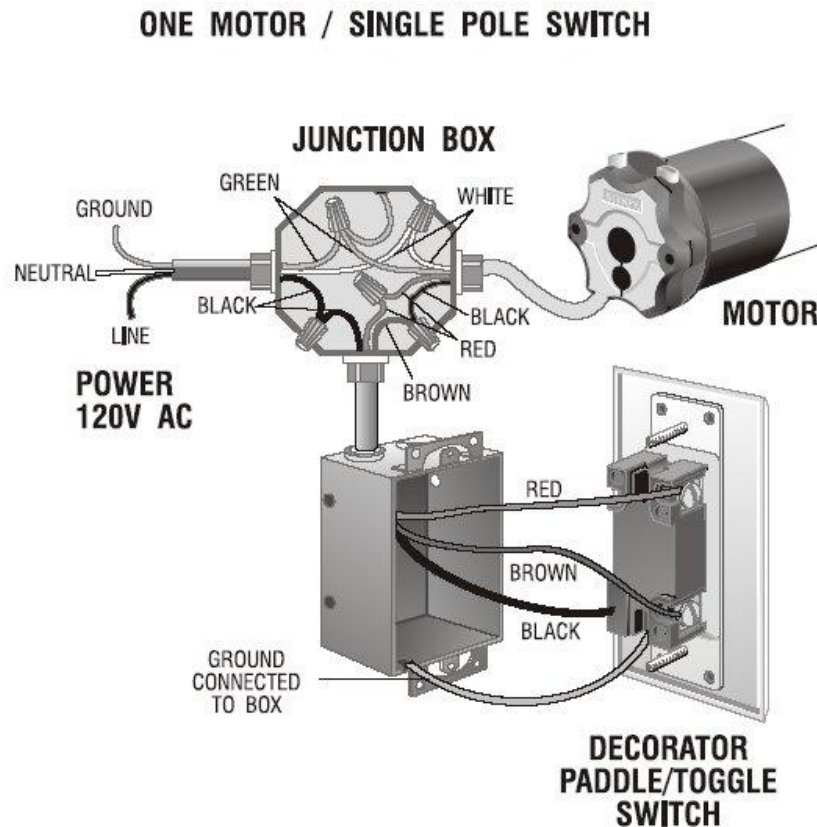
## Electrical Assembly Instructions Motorized Curtain

### Electrical Connections:

The electrical connections to the in-tube motor should be made in a manner that conforms to all local and national electrical codes. The use of a licensed electrical professional is strongly recommended.

The roll tube motor is controlled by a single “maintained” center-off toggle switch. Only one switch can be used per motor, and wiring multiple switches in parallel or series will **NOT** allow for the proper operation of the motor.

Refer to the following diagram (Diagram 1) for the appropriate AC Power wiring diagram for you motor:



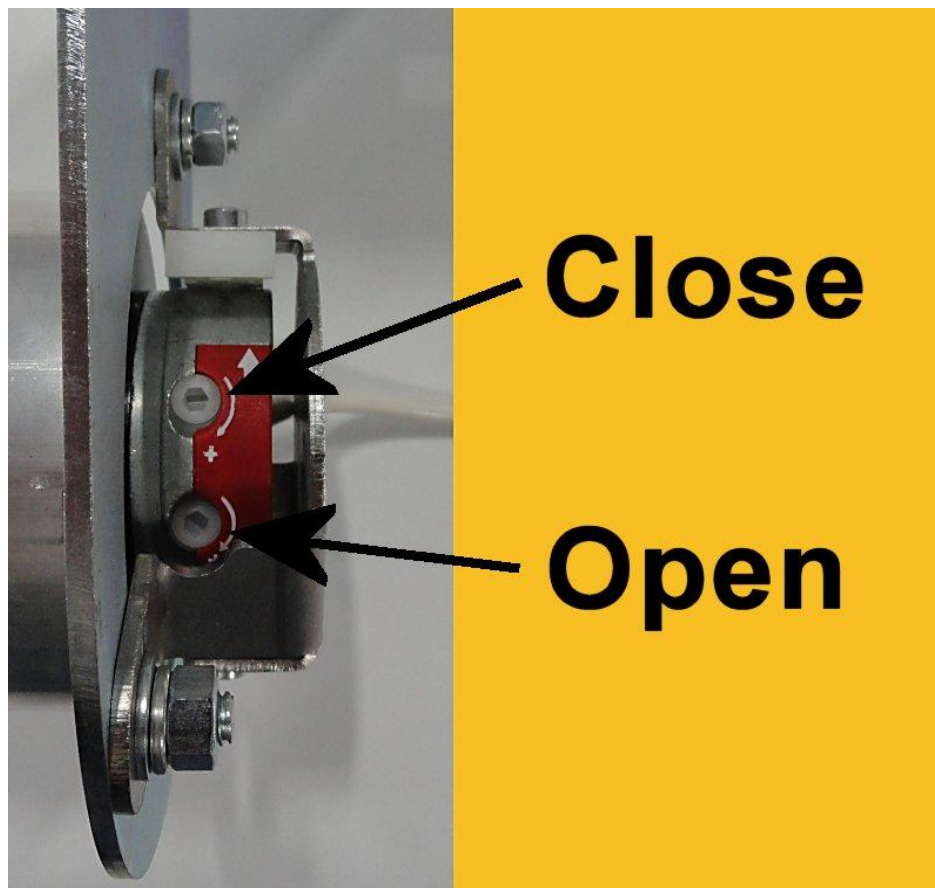
**NOTE:** Your switch may not exactly represent the unit depicted in the above diagram. If not, connect the **BLACK (AC Power HOT)** to the **BLACK** screw of the switch. Connect the **BROWN (Motor Direction #1)** to one of the brass-tone screws, and connect the **RED (Motor Direction #2)** to the remaining brass-tone screw.

### **Setup and Operation:**

After the power wiring has been installed (and power has been enabled to the unit) it will be necessary to set the curtain door end-stop positions. We have roughly set the end stop positions for your door assembly at the factory. It will be necessary to fine tune these position for your door opening. Care should be exercised during these operations to avoid damage to the assembly and ensure a long service life of the unit.

#### Setting End Stop Positions:

Note the location of the Open and Close position adjusters as shown in the following photo (Photo 1):



**Photo #1**  
(Limit Switch Adjusters)

Setting the limits is a two-step operation and either end stop can be modified at any time without upsetting the other position. It is preferred to initially have the door “stop short” of the desired position and then incrementally work toward the final adjustment. To set the “Full Down” (Closed) index the toggle switch to the down (Close) position and monitor the movement of the door. If the door does

not move, or moves in the incorrect direction, the motor wiring will need to be reversed. ). This can most readily be accomplished by reversing the direction connections at the screw terminals of the toggle switch. With power removed, disconnect the Brown (Motor Direction #1) and Red (Motor Direction #2) connections from the screw terminals and reverse the connections. After the change has been made, enable the power and verify the proper directional operation of the door.

The door should stop automatically before the bottom of the door comes in contact with the floor. If it doesn't, index the toggle switch to the center (Stop) position as the weighted bottom seal of the door contacts the floor and begins to compress. Index the switch to the Open position. Monitor the position of the door and move the toggle to the "Stop" position when the door is open by approximately 1' (one foot). Using the supplied adjusting tool, turn the "Close" adjuster counter-clockwise (CCW) about 20 turns. Index the toggle to the "Close" position. The door should now stop automatically before the bottom of the door comes in contact with the floor (or it may not move at all). You are now ready to incrementally work toward the final position. If the door continues to close "too far", repeat the above procedure.

Note the position of the door. Each full clockwise (CW) rotation of the adjuster will move the Closed stop position down by approximately 2". Slowly add the appropriate number of turns (CW) and while monitoring the position of the door. It should automatically stop when the weighted bottom seal of the door contacts the floor and begins to compress. If you overshoot the desired position and the door closes too far, use the "Open" and "Stop" positions of the toggle switch to open the door a few inches, remove some turns (CCW) from the adjuster, and repeat the adjustment procedure.

Once the Closed position has been established, index the toggle to the up (Open) position in order to set the "full Up" position.

The door should stop automatically well before the bottom set of rollers reach the top of the Vertical Extrusion. If it doesn't, index the toggle switch to the center position (Stop) when the bottom set of door rollers are within ~2" of the top of the vertical extruded channels. **DO NOT** allow the curtain door to continue above this point. If it should happen to disengage the custom extruded tracks and completely wrap around the motorized roll it will become necessary to manually reset the rollers into the track and reestablish the "Closed" position via the above procedure. Index the toggle switch to the "Close" position. Monitor the position of the door and move the toggle to the "Stop" position when the door is closed by approximately 1' (one foot). Turn the "Open" adjuster counter-clockwise (CCW) about 20 turns. Index the toggle to the "Open" position. The door should now stop automatically before the bottom rollers reach the top of the vertical extrusions (or it may not move at all). You are now ready to incrementally work toward the final position. If the door continues to open "too far", repeat the above procedure.

Note the position of the door. Each full clockwise (CW) rotation of the adjuster will move the Open stop position up by approximately 2". Slowly add the appropriate number of turns (CW) to the adjuster while monitoring the position of the door. It should automatically stop when the bottom set of rollers reach the top of the vertical extrusions. If you overshoot the desired position and the door opens too far, use the "Close" and "Stop" positions of the toggle switch to close

the door a few inches, remove some turns (CCW) from the adjuster, and repeat the adjustment procedure.

The assembly, installation, and set-up of your Goff's Motorized Curtain is now complete and it is ready for typical operation. It is a virtually maintenance free unit and should give you years of reliable service.

We want to thank you again for your business and the opportunity to partner with your firm on this project. Please don't hesitate to contact us if you have any questions regarding these instructions or encounter any problems with the installation or performance of your curtain.