

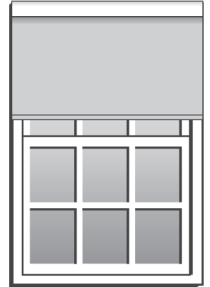
## CAUTION:

- It is strongly recommended that you use an approved tester cable to set the motor limits, and ensure that the system is operating correctly before the final electrical connection is made.
- Be sure to take all necessary precautions to protect yourself from accidental electrical shock.
- Refer to the trouble shooting guide below for any problems encountered.

## NOTE:

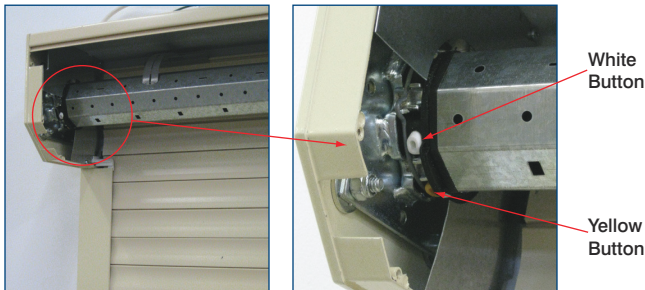
- **Two positions have to be set: the UP and DOWN positions where the motor will stop automatically.**
- The limit switches are found inside the front access hole of the end cap.
- Determine if the motor on your shutter is on the right hand or left hand side by observing which side the wire exits from.

UP Position



DOWN Position

### MOTOR ON **LEFT** SIDE OF SHUTTER

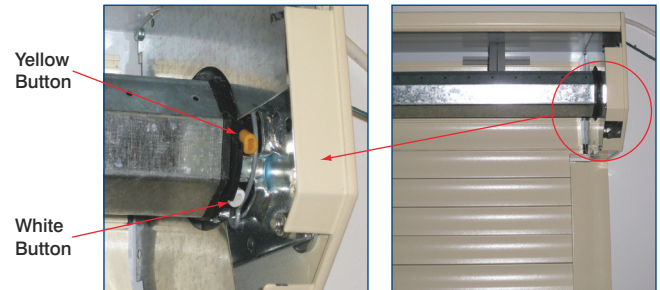


The white button controls the **DOWN** limit and is operated by the black wire.

The yellow button controls the **UP** limit and is operated by the red wire.

- 1 Depress fully both the yellow and the white buttons. They must stay 'in'.
- 2 Use a test cord to move the shutter to the desired **DOWN** position.
- 3 Press the white button and it will pop back to the **OUT** position. This will set the limit.
- 4 Use the test cord to move the shutter to the desired **UP** position.
- 5 Press the yellow button and it will pop back to the **OUT** position. This will set the limit.
- 6 Verify the up and down limit settings.

### MOTOR ON **RIGHT** SIDE OF SHUTTER



The yellow button controls the **DOWN** limit and is operated by the red wire.

The white button controls the **UP** limit and is operated by the black wire.

- 1 Depress fully both the yellow and the white buttons. They must stay 'in'.
- 2 Use a test cord to move the shutter to the desired **DOWN** position.
- 3 Press the yellow button and it will pop back to the **OUT** position. This will set the limit.
- 4 Use the test cord to move the shutter to the desired **UP** position.
- 5 Press the white button and it will pop back to the **OUT** position. This will set the limit.
- 6 Verify the up and down limit settings.

## TROUBLE SHOOTING

### System does not respond

Is the power supply switched on? Check any circuit breakers in the power supply.

Is the control switch wired correctly? Refer to instructions.

Are limit switches set properly? Review limit switch settings.

The thermal protective device may have shut the motor off. Wait 30 minutes for it to cool down.

Check the wiring between the motor and the switch.

Disconnect the switch and test the motor with a tester cable.