

Setting the Motor Limit Switches

This may need to be done if the floor to ceiling height is slightly different to that specified at time of order. Also, the upper limit switch will have to be set and further adjustment maybe necessary as the straps might stretch a little after initial use.

Upper Limit

Depress the upper limit switch, it should lock down. Press the wall switch until the ladder stores correctly. The lid should shut and the tapes should be under tension. Release the wall switch. Depress the upper limit switch again so that it pops up. The upper limit is now set, check with the wall switch to ensure it stops as required.

Lower Limit

Depress the lower limit switch so it locks down. Press the wall switch until the ladder descends to the floor. Release the wall switch. Depress the lower limit switch so that it pops up. The lower limit is now set, check with the wall switch to ensure it stops as required.

Thermal Cut Out

The motor is designed to be as compact and unobtrusive as possible. Consequently it has no cooling fins or through air draught as found on normal, constant use motors. Therefore, an automatic thermal cut out has been incorporated into the motor. This means that it may cut out after 2 or 4 operations whilst heat dissipates through the motor body. Under normal circumstances the ladder would be brought down for use and perhaps returned a while later. It is not designed for constant repeated operation, which inevitably trips the thermal cut out. If the cut out trips, leave it for 15 to 30 minutes to return to ambient temperature.

If the supplied switches are changed, the motor should only be used with momentary switches of a similar nature.

IMPORTANT: Limit Switches

The limit switches need to be set to suit the current floor to ceiling height, to protect the motor. If the limit switches' settings need to be changed for any reason, they must be reset immediately to protect the motor. Failure to do this will result in damage to the motor.