

Step 1 – Taking Delivery and Checking All Parts

Please check that the door is the correct size and all component parts are present. This shutter is heavy and awkward to handle, it is recommended that fitting this door is carried out by two people.

Depending on the specification ordered you should have:

1. Door curtain
2. Two guide rails
3. Electronic controls inside Head box
4. Manual over-ride equipment
5. Head box and barrel containing the motor / spring

Ensure that the site is clear and that the fixing surfaces are free from loose plaster and masonry. Ensure that the opening has no irregularities that could damage the back box or curtain.

The door curtain will be fully packaged when delivered. The end plates will be factory fitted to the back box. The two side channels (guide rails) should be unpacked and placed into either side of the opening. The guides are designed to slot into the end plates via the peg on the end plate.

Step 2 – Preparing The Motor And Barrel

1. Carefully remove the box lid (if ordered) and place in a safe place, remove the curtain from the packaging and place on a suitable surface that will not damage the curtain. The curtain may be supplied in two or three sections depending on the height of the shutter ordered.

Step 3 – Preparing The Guide Rails

1. Slide the guides onto the end plate peg and check that the back of the box lines up with the back of the guide, mark guide accordingly.
2. Determine method of fitting guides, face fix (onto back of the brickwork) or reveal fix (between the brickwork). We recommend at least four good fixings per guide using suitable fixings for the substrate to be fixed to.

Step 4 – Fixing The Guide Rails And Box Assembly

1. Slot the guides onto the end plate pegs, position the box and guides where they are to be fitted. It is vital to level the barrel or box assembly (if ordered) and to make sure the guides are square.
2. Fix the guides to the walls making sure they are not distorted in anyway, pack the brickwork out where necessary. Ensure the fixings used are suitable for the wall properties.
3. Drill suitable holes in the end plates to get secure fixings. This can be through the back of the end plate or the end plate side ideally at the top (end of the box assembly). Secure to the walls making sure the box assembly is vertical and follows the line of the guides.
4. Drill and screw the back of the box at regular points along the width of the door. This is best done along the bottom edge or as close to the bottom edge as possible. Make sure all screw heads are flush and not proud as this may damage the surface of the curtain later. **IT IS IMPORTANT TO ENSURE THAT THE CURTAIN IS CLEAR OF THE BACK BOX AND FIXINGS WHEN RUNNING. OTHERWISE THE CURTAIN WILL BE MARKED**

Step 5 – Installing The Emergency Over-Ride

The end plate will have been drilled according to the desired motor position and associated exit point for the over-ride bar. If you are using a low-level over-ride please refer to separate instructions provided with this.

Step 6 – Installing The Curtain

1. On one guide, unbolt the U channel from the box section and put to one side. If ordered a traditional coil, unbolt the right hand guide. If reverse coil, the left hand guide.
2. Your curtain will have been delivered in two or three sections. Unroll the top section and slide into the guide. Attach this to the barrel using the tap slides provided.
3. Slide on the remaining sections from middle to bottom and attach the endlock provided with pop rivets.
4. Raise the curtain and stop at the fully open position. Beware that until the top limit is set the curtain could rise beyond the top of the opening potentially damaging the barrel.
5. Re-attach the box section to the guide

Step 7 – Setting The Motor Limits

If the motor has screw-type limit switches, the following procedure is to be followed when setting the limits of the motor barrel. Notice that the motor will perform a greater number of revolutions if the screw-limits are opened up by turning one of the screws, while the number of revolutions (and thence the opening size of the door) is

decreased when turning the other screw. Each screw is marked by an arrow indicating the direction.

1. You should now find out which screw affects the down and up limits. On the end of the motor there are two limit adjusters (hex screws) and 2 arrows with each screw. The semi circular arrow depicts the direction that the barrel is turning (ie if the door is going up or down). The straight arrows increase or decrease the travel of the motor.
2. Send the curtain all the way down and stop when it has reached the bottom. Adjust the appropriate screw until the the bottom limit is set.
3. Now send the curtain up. It should reach its upper limit when the curtain is half way to the desired limit. Stop it half way up if it does not stop automatically. Then, make sure the limits are tight at the half way point by turning the up limit in the – direction. You are then in a position to release the curtain’s up limit by turning the screw in the + direction. Turn it until the required up position is reached.

NOTE: The motor unit has an in-built thermal trip that will activate once the motor unit reaches a predetermined temperature. Repetitive usage during the fine adjustment process can cause the motor to cut out. Please wait approximately fifteen minutes for the unit to return to normal operating mode.

Step 8 – Fitting The Front Box/enclosure (optional)

The front box cover can only be fitted after the motor limits have been set.

1. Clip the internal cover into the back box top retaining lip at approximately 10 degrees.
2. Once the cover is located over it’s entire length place the cover hand up against the endplates
3. Drill and fix in place with self tapping screws or pop-rivets
4. Drill a hole in the cover to allow the manual over-ride to be installed. Fix into position with self tapping screws or pop rivets.