

Electric Reel Installation



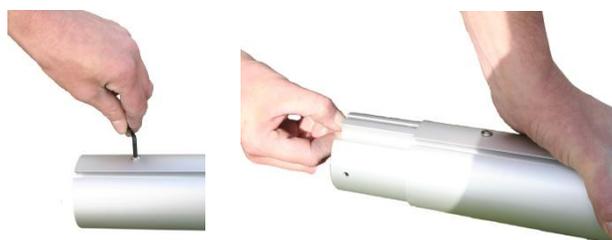
Please note this product must be installed in accordance with current electrical regulations by a suitably qualified electrician

Please read the accompanying Instruction booklet carefully prior to installation.

REEL ASSEMBLY

1. First loosen the allen screws on the 2 pre-assembled tubes, and then slide the inside tube outwards, but do not completely remove.

At this stage leave the two tubes connected but loose.

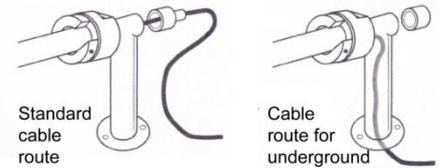


2. On the other single tube, remove the screws from the connecting nuts. Keeping these connecting nuts in their original channel, line up the tube with the other tubes and slide together. When the holes line up with the connecting nuts (which are now inside the tube), loosely secure with the allen screws which you removed earlier.



3. When the tubes are connected, and the screws are all connected to the nuts, pull out the tubes evenly to the required width. This should be the pool width plus a minimum of 9" either side. Make sure that the tubes are pulled out evenly either side of the central tube. Tighten the allen screws.

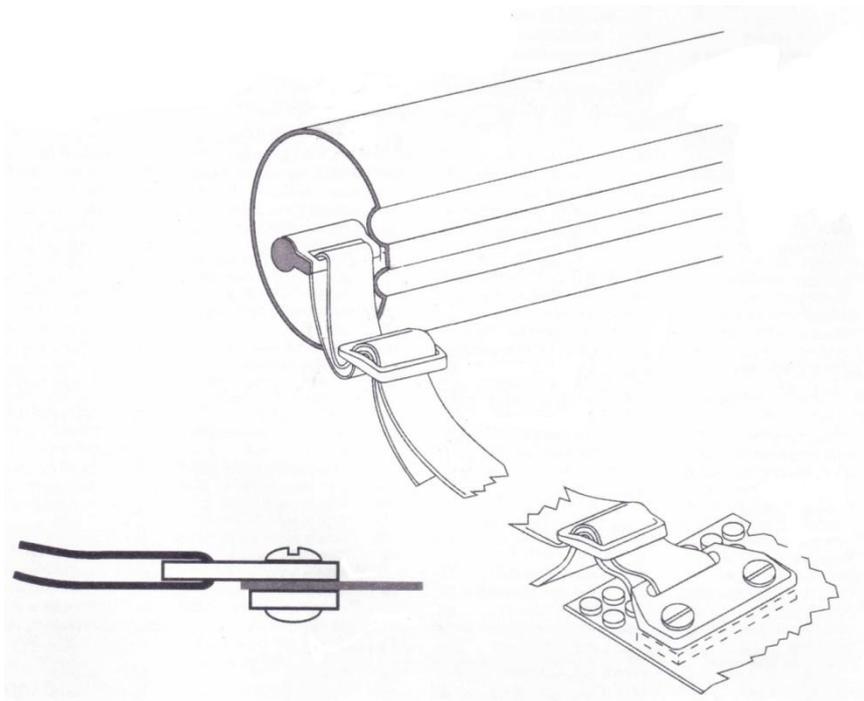
4. Fit the tube to the end stands. If the cable is to be routed under the pool surround, feed the cable down the inside of the support leg.



5. Position the completed reel at the pool edge, centrally and square. Secure with plugs and bolts provided.

6. Slide the plastic bars  for the straps into each tube channel, distributing them evenly. Feed one end of the strap through the slot in the plastic bar and secure back on to the strap using one of the buckles provided.

7. Attach the straps to the cover as per the following drawing. Start from the centre of the cover and work outwards, using all the straps provided, positioning them no more than one metre apart. The two outside straps should be approximately 3" from the outside edge of the cover.



ELECTRICAL CONNECTION

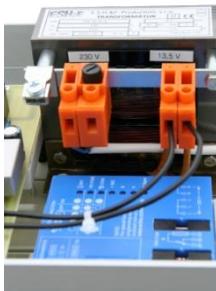
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The control box contains the sensor for the remote control. When using the remote control fob, it must be pointed at the control box, rather than the reel system itself.



The control box is IP55 rated, allowing for outdoor installation.



The mains supply is connected to the orange terminals labeled 230v

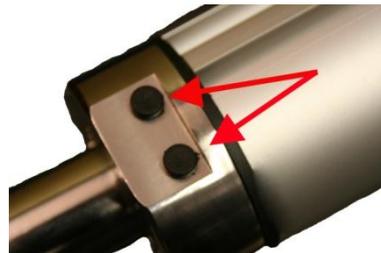


The supply to the motor is connected to the two terminals labeled "motor"

The reel is operated using the remote control fobs supplied.
Each fob has two buttons, each controlling a different direction.
When waiting for the motor to come into operation, please be patient.
There is a 2 or 3 second motor protection delay before the motor will start.

The motor will stop when it reaches the limit set for each direction.
When setting up the reel for the first time these limits must be adjusted for each pool size.
When adjusting the limits, do so patiently, a bit at a time, as:
adjusting the limits too much in one go can cause irrevocable damage to the mechanism

To set the limits carefully pull out (but retain) the two black plastic plugs on the top of the stainless steel upright at the motor end. This will expose the two hexagon screws which need to be turned to set the limits. Each screw controls one direction, either clockwise or counterclockwise.



Do not attempt to set the limits until the cover is actually on the pool and connected to the reel system. Using the black plastic hexagon headed tool provided, adjust the screw carefully, a bit at a time, until the reel stops the cover in the correct position covering the pool. After each adjustment the motor will have to be started again using the remote control.



When this is complete, repeat the process with the other screw so that the reel stops when the cover is fully wound onto the reel.

Replace the black plastic plugs.

The reel may occasionally require slight re-adjustment to maintain the limits in the correct position.