

AQUATRONIC AUTOMATIC POOL COVER ROLLER

Installation Instructions and Guarantee

The Aquatronic unit together with a factory fitted solar blanket or heat retention cover is designed as a semi automatic system. The unit will remove the cover from the pool with minimal assistance* but because there are no guide rails or pulleys fitted to the pool, it will be necessary to guide the cover onto the pool. It is recommended that an Aquablade leading edge towing kit is fitted to the cover(Available from your Certikin retailer)to assist in placing the cover onto the pool.

*When the cover is winding back onto the Aquatronic some slight movement may occur. If this happens and it is not corrected the cover will spiral and may become damaged. It is advisable to watch as the cover is being wound onto the Aquatronic and gently ease any movement back into position.

Siting the control panel

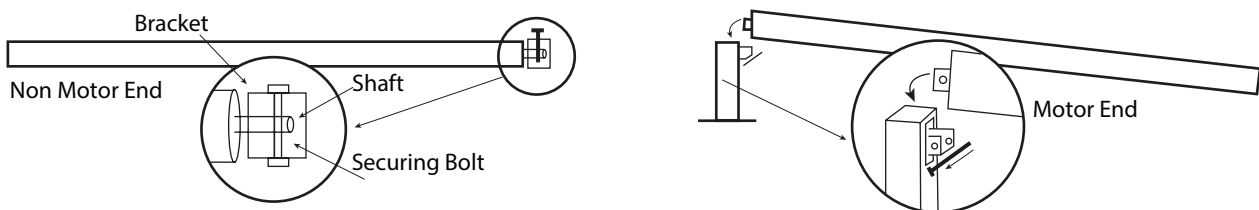
It is recommended that the control panel be fitted in the plant room or other easily accessible place near to the equipment. The control panel is not suitable for outdoor installation. If an optional key switch is to be fitted then this can be fitted closer to the equipment if preferred but this does have a time delay mechanism and therefore it will be easier to fit close to the control panel. Please refer to the separate control panel instructions for more details.

Fitting the Aquatronic unit

If the cover has been factory fitted then the unit will have been calibrated within a few millimetres, some slight adjustment may be necessary later. Position the roller so that the cover with the leading edge (Aquablade) is facing the pool with the bubble or foam side facing downwards.

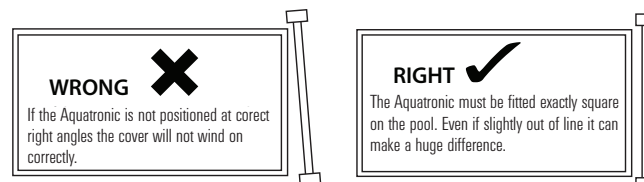
If the unit is to be floor mounted, then it is recommended that it be installed as close to the edge of the pool as possible. The unit should be fitted centrally to ensure that the cover winds on and off correctly. First locate the centre of the pool width and make a chalk mark. Locate the centre of the cover whilst it is fully wound onto the roller and make a chalk mark. By lining up the two chalk marks the Aquatronic will be perfectly positioned.

Once you have lined up the roller and cover you can then fit the two brackets to each end of the roller. The bracket with the plate attached should be fitted to the end where the 24V / cable is visible, via the peg and securing split pin. The non motor end is installed by lifting the barrel and inserting the shaft through the hole in the bracket. This should now be secured by inserting the long bolt through the hole in the bracket and engaging it through the hole in the shaft, then securing with the nut provided.



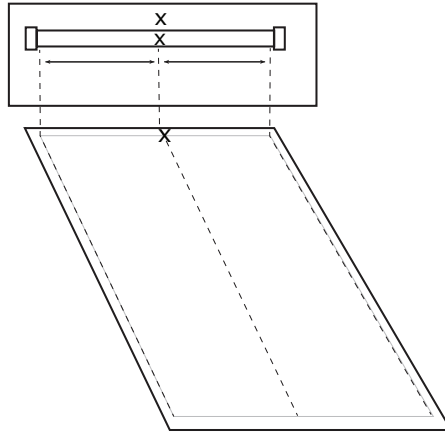
Positioning the unit

Before fixing the brackets to the ground it is very important that the unit be exactly at right angles (90 degrees) to the edge of the pool. The best way to achieve this is to drill and secure the motor end bracket into position then take a measurement from the edge of the bracket to the edge of the pool. Take a similar measurement from the other side and place the bracket accordingly. The Aquatronic should now be square on to the pool but it might be a good idea to run the cover up and down 2 or 3 times to make sure it is winding on correctly. If doing so please ensure that the motor is not operating for more than 4 minutes in any 15 minute period which would cause the panel to stop operating to prevent motor burn-out. **WARNING** Whilst carrying out trials as described above, the bracket must not be allowed to move. Either secure this with a temporary fixing or place a weight on the bracket. Once you are happy that the cover is winding on and off satisfactorily (please see comments on previous section regarding this) then you can finally secure the bracket into position.



Wall mounting

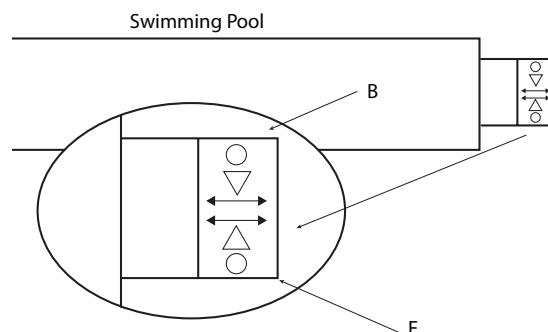
The Aquatronic can be mounted onto a wall if the cover is no larger than 50m². SPECIAL REINFORCED BRACKETS SHOULD BE USED FOR THIS IF THE COVER IS LARGER. If these were not ordered or supplied incorrectly, then you should consult the manufacturers immediately. Follow the instructions for floor mounting, but note that it is easier to fix the brackets to the wall without the barrel in position. For best results assemble the unit at floor level first. Make a mark at the centre of the pool and follow that mark to a similar point on the adjacent wall. Mark the centre of the cover as a guide for final fitting. From the centre of the cover take a measurement to the non motor end bracket and then a similar measurement from the centre of the wall in order to locate the bracket position. Hold the bracket in the marked position and offer the barrel upwards to it. If the centre of the cover lines up with the marked centre of the wall then you can drill and position the bracket. Once this is in place loosely fit the motor end bracket and lower the barrel into the cradle for positioning, mark and drill.



Final adjustments

If a cover was supplied with the Aquatronic, then it will have been collaborated prior to leaving the factory. It may however be necessary to make some final adjustments to the limit switches once the unit has been assembled, to ensure correct stopping position of the cover. The limit switch at the motor end of the barrel are identified with a blue band. There are two limit controls which are marked (+) or (-).

To make the cover go further into the pool locate the forward movement switch (indicated by an arrow pointing in the forward direction the cover will be travelling in) and turn the control in the (+) direction. A small tool is provided for this. DO NOT USE ANY FORM OF AUTOMATIC DRILL OR SCREWDRIVER. To increase or decrease the amount of cover onto the roller locate the backwards movement switch (indicated by an arrow pointing in the backwards direction the cover will be travelling in) and turn the (+) or (-) control as required. The limit switches are not very finely calibrated with approximately 13 revolutions of the switch relating to one 360 degrees rotation of the roller barrel.



Over heating cut-out

The unit has an over heating cut out switch built into the control panel. This will activate if the unit is used for more than 4 minutes in any 15 minute timeframe. It may also activate if the ambient air temperature is unusually warm. IF THIS HAPPENS DO NOT ADJUST THE CONTROL OR TRY TO RE-START THE UNIT WITH THE REMOTE. The motor will cool down over the next 30 minutes and then operate as before.

Fitting the cover

In most cases the cover will have been factory fitted prior to despatch. If that is the case then please ignore this paragraph. If the Aquatronic is being supplied to suit a cover which is already in position or a replacement cover has been acquired then this will have to be fitted to the unit and the unit calibrate before use.

Attaching an existing cover to the unit

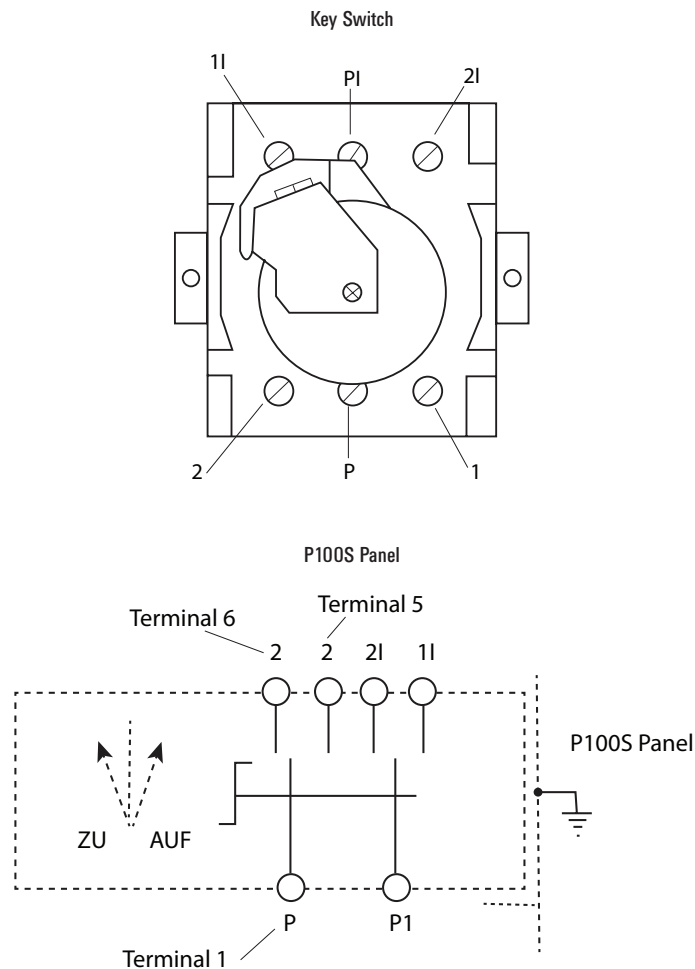
Providing that the manufacturers were aware of the situation, then either a netting (outdoor pools) or PVC tail section will be supplied and attached to the barrel. The cover edge should be offered up and inserted between the two layers of the tail section and fixed at various points with the fixing buttons provided.

Replacement Aquatronic / Barrel

If the existing cover has been made specifically for an Aquatronic and either the unit is being replaced or a new unit has been supplied then the cover will need to be fitted.

Remove the nylon rod from the groove in the barrel and slide this into the special sleeve in the PVC or netting tail. Once this has been done you will need to re-insert the sleeve and cover edge back into the groove edging it slowly till there is equal distance at each end of the barrel.

Key switch (optional) wiring diagram



GUARANTEE



This guarantee refers to the Aquatronic unit only, if a cover was supplied either factory fitted or separately then that will be covered under the relevant guarantee.

Thank you for choosing a Certikin Aquatronic Roller.

Certikin International Ltd is the UK's leading manufacturer of Swimming Pool Equipment.

Terms and conditions for the guarantee

The Aquatronic Roller is covered by a one year manufacturer's guarantee.

Our rollers are designed to provide years of continuous use provided they are fitted by a qualified electrician and in accordance with our instructions.

They are factory tested and calibrated prior to despatch. In the unlikely event that a manufacturing defect does become apparent within the first year then we will either repair or replace components /products at the Company's discretion without charge.

What to do if you discover a defect

In the event of a defect please contact your supplier. If the supplier upon inspection suspects there is a claim under the warranty then they will report this to the manufacturer. In the event of any defect not found to be due to a manufacturing fault then a quotation can be provided for the repair work to be carried out.

All repairs will be carried out by the manufacturer. The roller must be returned to our factory. The manufacturer will not cover the cost of the carriage to the factory or the delivery of a replacement roller (if repair is found by the manufacturer to be uneconomical).

However the roller may be collected. Please ask for a quote for collection and /or delivery if required. It is your responsibility to remove the cover from the unit prior to it being returned to the factory.

What is not included in the guarantee

Claims for repair or replacement will only be accepted for manufacturing defect providing the product has been used and maintained in accordance with the fitting and operating instructions herein.

Claims for repair or replacement will not be accepted for

- Damage caused by incorrect installation or installation other than by a qualified electrician.
- Damage caused by mishandling or as a result of misuse.
- Damage caused by incorrect chemical balance within the pool (refer to your supplier for advice on water treatment).
- Damage due to the roller being sat or stood upon. The Aquatronic barrel is designed only for the cover to which it has been supplied. No extra weight should be applied to the barrel.
- Slight deviations which do not affect the functionality of the product.
- Acts of God, damage caused by animals, accidental damage or fair wear and tear.
- Any other damage beyond the control of the manufacturer

Limitations

The repair or replacement of the roller will not extend or renew the period of guarantee.

The guarantee is subject to all amounts having been paid in full.

The guarantee does not cover any direct or consequential loss whether financial or otherwise, due to not being able to use the product or any loss above the original purchase price of the roller.

The guarantee is not transferable.

This guarantee does not affect your legal rights.