

TROUBLESHOOTING PWP

NO POWER TO THE DISPLAY:

Power point is faulty. Test power point with a known working appliance. If the power point is operational, check the controller in another power point and if there is still no display then send the controller for repair.

RTC-FAIL – This can occur if the unit has been turned off for a prolonged period of time. Leave the unit on for ~30 seconds, then turn it off for ~30 seconds before turning it back on.

PUMP FAULTS:

FILTRATION PUMP WILL NOT START:

Ensure that the filtration pump is plugged into the PWP2 Ioniser properly. Check the Clock time and the Filtration Times set in the controller, adjust if required.

Check the power to the FILTER PUMP socket by pressing the Enter/Manual button. The controller should turn the Filter pump on.

If it still won't start plug the filtration pump straight into a power point and turn on. IF the pump doesn't start then you have an issue with your pump. If the pump is ok, your controller requires repair.

PUMP WILL NOT STOP:

Turn off power to the controller and ensure the pump stops. If the pump continues to operate then unplug it from the power point and connect it to the 240Vac socket marked FILTER PUMP at the bottom of the controller.

If the pump is plugged into the controller and won't stop, check to see what is displayed on the controller screen. The controller may be running for filtration purposes.

If the pump is still running, and the controller states that nothing should be running, your controller requires repair.

IONISATION ISSUES:

Ions Active & Polarity LEDs not working. Check and make sure that the Ions Output hasn't been turned to OFF.

Check and ensure clean contact of the ring terminals to the thread at the end of the Electrodes.

Check to see if Ionising Run Hours has been set, as the Ionising will occur at the start of the filtration cycle, ie first 2hrs of an 8hr filtration cycle.

If the above is ok, controller may need to be repaired.

No Copper/Low Copper levels in the pool water. Check as above.

In the instance of a new pool, it may take a month or two for the water to show any copper levels. Be patient.

Copper Electrodes may need to be replaced.

Change the filtration times to be longer, or increase the Ionising Run Hours, or increase the Ions Output.

Brush the sides and floor of the pool and re-test the copper levels as the copper may have been plated out of suspension which can lead to a low copper reading.

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High Copper levels in the pool. If you are converting a salt chlorinated pool to copper ionisation, because of the salt levels in the pool, the copper levels will rise quite quickly. Constant testing will be required to ensure that it doesn't rise to far.

Check and reduce or turn OFF the Ions Output.

Select and hour or 2 under Ionising Run Hours to reduce the amount of time that ionising is occurring and reduce the Ions Output.

If the copper level is too high, use an appropriate pool chemical to reduce the metal level of the pool. Follow the instructions as directed by either the bottle or your local pool shop.

Water leaking out from the cell end cap. This will be due to one or more issues.

It will be the result of either the copper electrodes being worn away completely, or they have been worn to the point that the threads are exposed and water is working its way up the thread and through the end cap. The electrodes will need to be replaced.

The grommets around the electrodes are cracked, or the O-ring in the end cap is cracked. They will need replacing or need tightening.

Either the cell housing or the end cap is broken or cracked and will need replacing.

FACTORY RESET:

Hold down ENTER when power is off, hold down after powering up, releasing after 2 seconds.