

What you can expect from the Anti Bio system

From the moment of activating your Anti Bio System unit, the preprogrammed frequency will start with "bombardment" of the Calcium molecules in the water releasing more free electrons thus increasing the number of positive ions (oxidation-ionizing) and their capability in the water. Yet there is no need for alterations to existing pipe work, there will be no water circulation down time, installation or replacement of activators/probes. Several changes will start taking place in the water medium, without the need to make any deviations to the present way of operating your pool, as there is no physical contact with the water.

The benefits of having an Anti Bio system in place at your pool can be categorised into benefits for both outdoor seasonal pools and outdoor pools. -

Outdoor pools

There are two categories of outdoor pools. Those that are continuously in operation and those that use heating to help them to extend their season.

- The pools that are in operation year round will have the same direct effects as the one's described above for the indoor pools. Please see the indoor pools fact sheet.
- You will also note that the need for Cyanuric acid will be minimal if any, so it can be eliminated from the pool chemistry requirement list.
- The Alum, which has been used for the coagulation effect within the filters in the plantroom, will be minimized or eliminated.

Outdoor seasonal pools

From our field site experience, close to 70% of the Outdoor pools fitted with the Anti Bio System did not have the need to empty the pool. Some operators are still doing it because of the "tradition" and some because of required maintenance.

The savings on these pools in the time of operation (6mth) are expected to be the same as the example above. But the biggest cost expenditure on these types of pools is really in the restarting of them for the new season. The evidence now exists that seasonal pools equipped with the Anti Bio System do not need to be emptied at the end of the swim season. The reason for this is that the Anti Bio System unit provides ample Electro-chemical movement in the water so the minimal chemistry, which mainly is chlorine, effectively protects the pool from the formation of algae. The time required to close the pool as well as cost savings associated with emptying the pool, are enough to warrant (or offset) the cost of the ABS. Providing that the circulation pump(s) are on for 20 hrs during each week of the off line season, we are confident that no pool will need to be emptied. Cracks, cleaning of the full pool shell, as well as build up of unwanted particles in

the filter bed and corrosion in the pump/piping system will be avoided. In the same time, the frustration associated with restarting the pool, as well as unpredictable expenses that are always present on restart, will be eliminated. The estimated time frame on the restart of the pool when the Anti Bio System is fitted can be down to less than 20hrs. As opposed to the industry 'norm' of at least a one week start up period of the pool without the ABS in place {there again more cost savings in labour alone}

