



Efficiency as a Sanitiser

Independent testing has demonstrated that the Enviroswim system is more powerful and more effective than chlorine. The system was tested to the Australian State Health Department's procedure for the introduction of new sanitising systems. The trial used the benchmark test for bacteria *Pseudomonas Aeruginosa* (PA). The protocol criteria requires a 4 log reduction of *Pseudomonas Aeruginosa* in 30 seconds.

Treatment Method	LOG reduction of PA over time period indicated		
	30 Seconds	5 Minutes	30 minutes
Enviroswim	4.895		
Chlorine (1.0mg/l)	<1.87	2.61	4.57
Chlorine (2.0mg/l)	<1.87	3.97	4.87

The Enviroswim ES3 system recorded a 4.895 log reduction of PA after 30 seconds. This exceeds the 4 log reduction required by the NSW Health Department guideline for new disinfection process criteria.

By contrast, chlorine tested at the same time using the same government protocol performed ineffectively. **The Enviroswim system's 30 seconds kill results were equal to the chlorine's results after 15 minutes.** Therefore, it took chlorine 14 minutes and 30 seconds longer to perform to the same standard as the Enviroswim system.

Chlorine could not meet the requirements at levels of 1.0 mg/l or 2.0 mg/l and the required kill rate on PA in the new test protocol guidelines has had to be relaxed due to chlorine's inability to effectively treat water.

We are unable to find comparable data on any other pool or spa residual sanitisers that can achieve or exceed Enviroswim's results. The Enviroswim system is truly a unique product that surpasses all competition and provides the best pool sanitisation.

(Full detail of the testing available on request)