

During Wellis developments, in the disinfection phase the tests showed that the ozone systems we are using the most efficient for disinfection. **The efficiency of the disinfecting effect can be increased by the mixing of ozone in the water.**

To facilitate this, we have created the OZMIX™ system, that proved to be more effective than comparable disinfection systems by adding chlorine and the right amount of ph.

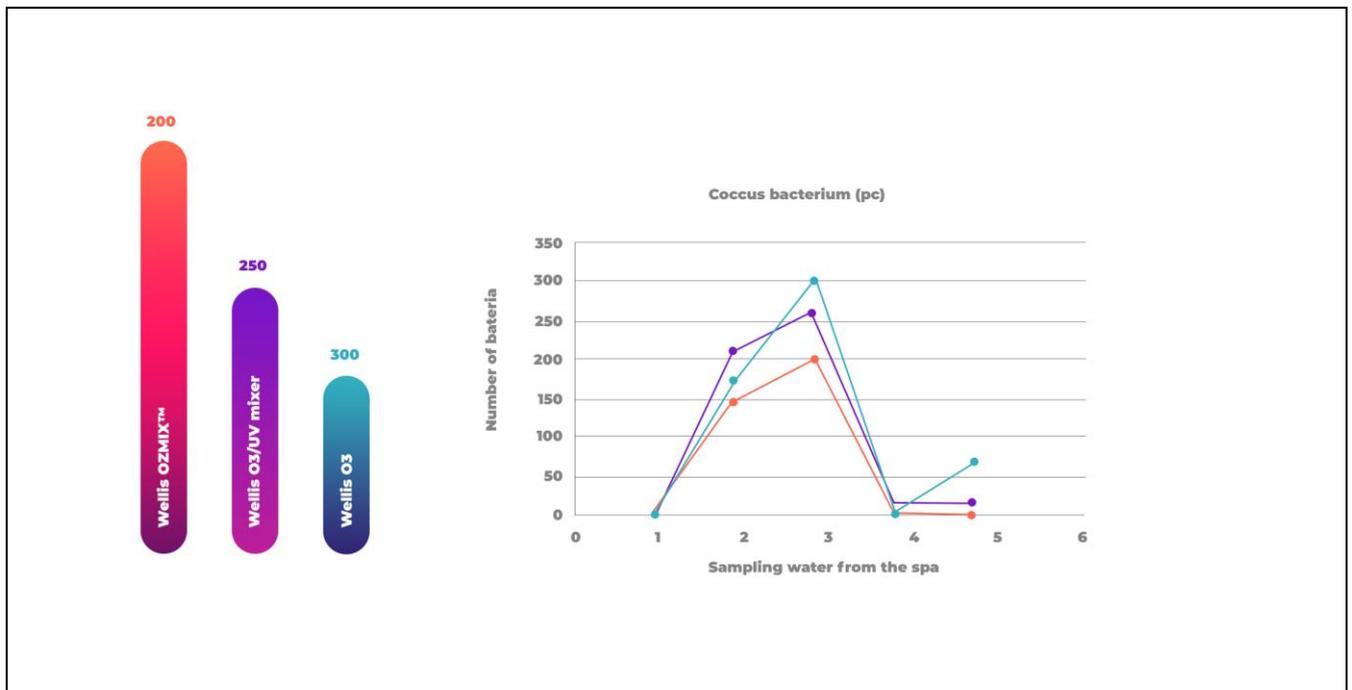
Our goal is to find the best possible disinfection mode and reduce the amount of chemicals which are currently in use.

Ozone house for mixer (ABE0621) and mixer house (ABE0620) are protected products, developed by Wellis.

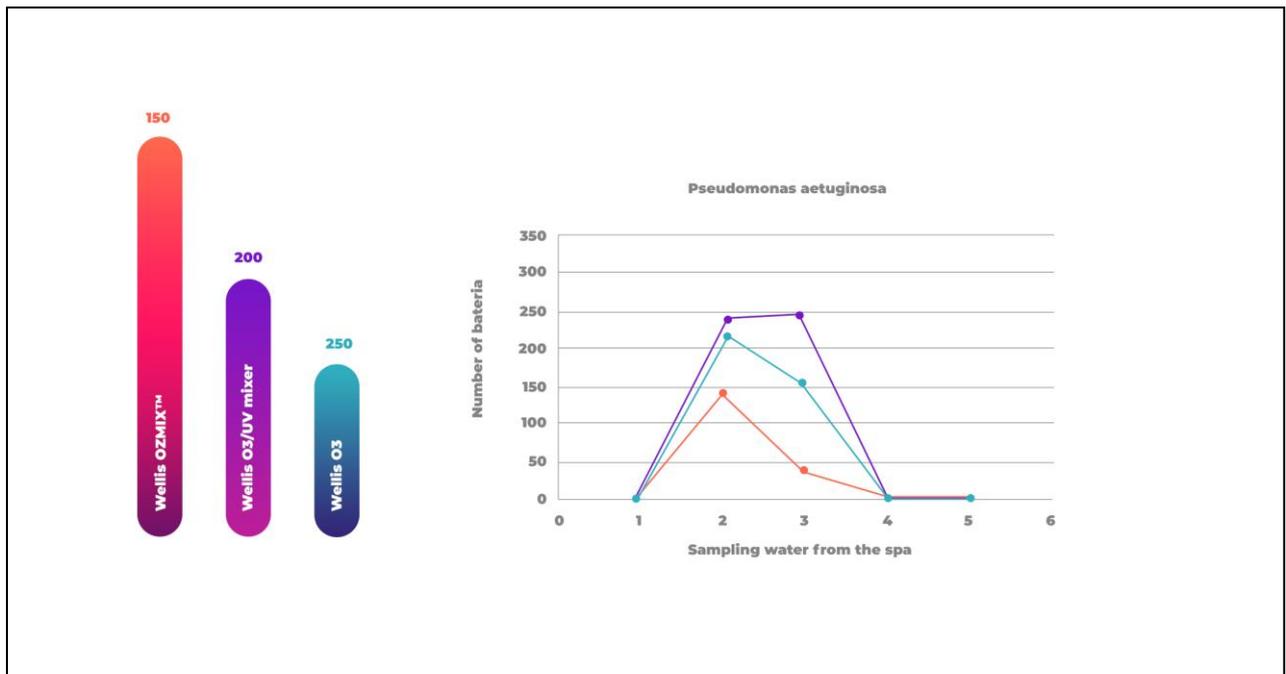
The testing of the new products took place in two rounds:

1. In the first round of testing the disinfection system, the pH was stabilized by using a chlorine tablet with a 12-hour filtration (full pool filtration) and a two-week time content.
2. In the second round, stabilizing the pH, we made a 2x8 hours filtration for 1 week, then we made another 2x8 hours filtration, but with chlorine tablets.
3. Our results show that ph should be mixed equally, the ORP level improved by 20 MU at the end of the second round of the test, however, we obtained even more positive numbers with chlorine.
4. With chlorination, the Wellis OZMIX™ provided fully adequate performance and this was an outstanding result against the most effective disinfection systems compared!

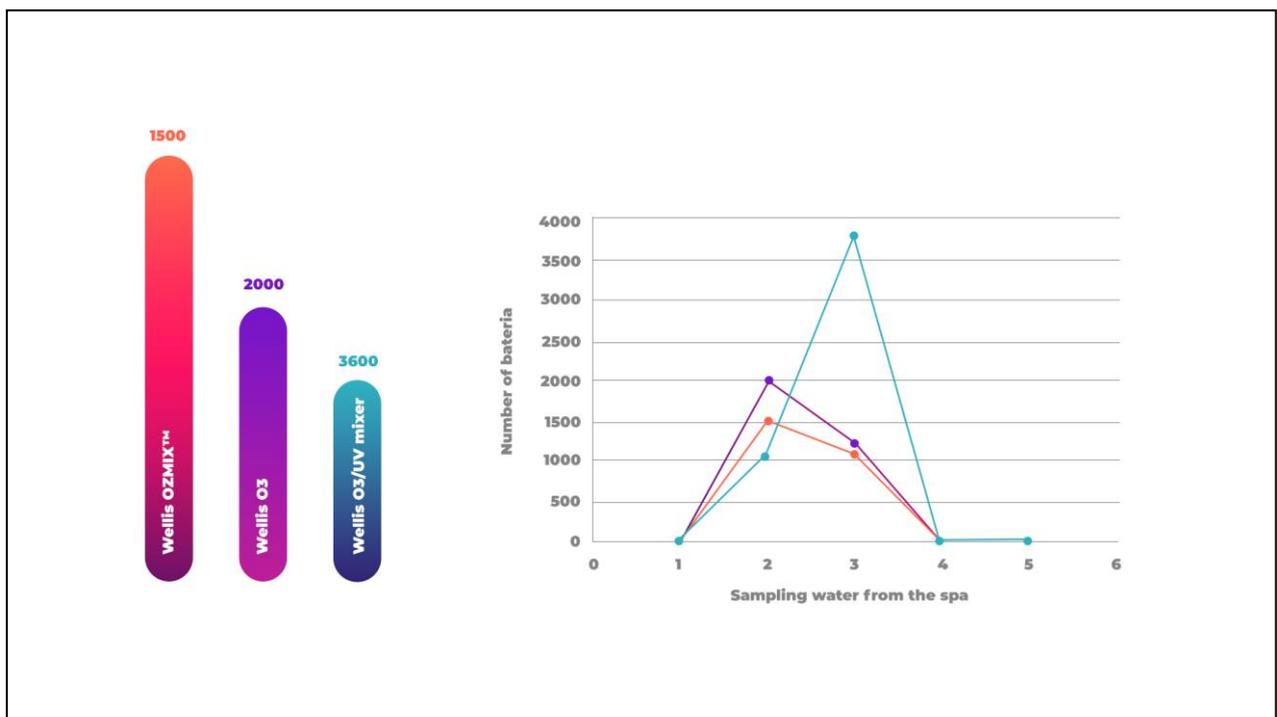
Results:



The previously used O3 + UV system had 250 units of coccus bacteria in the water during the reference period, **but the new OZMIX™ disinfection system showed only 200 units during the same period.**



The OZMIX™ system also produced better results than our previously used disinfection methods when we tested to *Pseudomonas aeruginosa*. **More than 200 units of bacteria were detected when we used just ozone, 250 units of bacteria were detected with O3 + UV, and the new ozone mixer indicated only 150 units of bacteria.**



We also tested the OZMIX™ system on all the bacterial strains in our hot tubs and, as in the cases above, it performed better than the other disinfection systems. **For all bacteria in our hot tubs, the previously used O3 + UV showed more than 4,000 units of bacterium colonies, while after using the ozone mixer, less than half of the O3+UV test results, only a total of 1,500 units of bacterial colonies were indicated.**