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**Waterco Case Study** | Sheikh's palace

# Chlorine-free luxury

## ***Sheikh opts for state-of-the-art Hydroxypure system***

**W**ater has long been associated with luxury and leisure. It has also always been considered clean and pure – therefore it makes sense that a Dubai-based sheikh would request chlorine-free technology for his brand new pools and water features in his private palace.



*Water is a traditional aspect of Arabic architecture, so the main entrance to the palace incorporates a welcoming water feature with fountains.*

The sheikh's palace features four swimming pools – the 160m<sup>3</sup> main indoor pool, a Jacuzzi, and a small cold plunge pool. There is also an outdoor water feature.

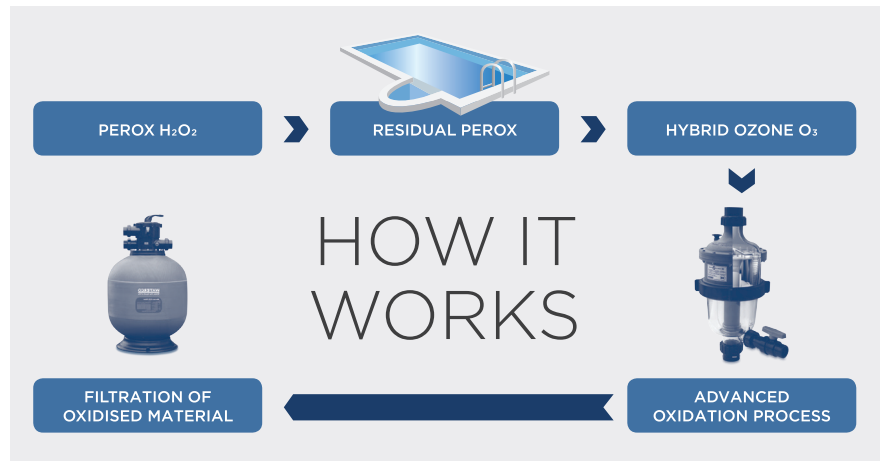
"The sheikh specifically wanted a chlorine free option, and he chose Hydroxypure for all the installations," says Tony Fisher, managing director of Waterco Europe. "He wanted a state of the art system which would provide soft water, no smell and no staining of the pool itself – and Hydroxypure certainly delivers that.

"The indoor pool and spa area features a large relaxation zone with far-reaching ocean views. The client brief was for this area to be completely free of the odours and corrosion issues normally associated with indoor pools. Hydroxypure achieves this in a way that no other system can.

“By combining Perox, a proprietary blend of hydrogen peroxide and hybrid ozone, this system creates one of the most powerful oxidisers in nature. It enriches the pool with water and creates crystal clear pool water that’s gentle on the skin and is free of odours and taste.”

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Water is a traditional aspect of Arabic architecture, so the main entrance to the palace incorporates a welcoming water feature with fountains. For aesthetic reasons it was important to prevent scaling or water marks on the surrounds, which is normally associated with sanitising chemicals with water features. This issue is eliminated with Hydroxypure.

With large landscaped gardens surrounding the palace, another added bonus is that the backwashing water from all the pools may be used directly for irrigation in a region where water is a precious resource.

In addition to four Hydroxypure systems, Waterco also provided 12 Supatuf pumps, six MultiCyclones and five Micron media filters complete with Waterco glass bead media.

“Hydroxypure ticks many boxes. It uses the Advance Oxidation Process, which combines Perox, a chlorine free sanitiser and hybrid ozone, one of the most powerful oxidisers in nature.

“It’s far superior to other oxidation processes currently available to the swimming pool market, and the synergy of the two disinfectants will ensure the water environment is safe without the creation of harmful chemical by-products.”

The remote monitored Hydroxypure system has given the pool owner peace of mind that the pools are balanced and operating correctly at all times. This has also reduced the amount of unnecessary site visits by the pool service company and interruption to the privacy of the family.

The sheikh and his immediate family are looking forward to sharing their chlorine-free pools with their family and friends all year round, as Dubai’s tropical desert climate regularly means daytime temperatures peak above 30 degrees.



Hydroxypure with inbuilt remote monitoring, 12 Supatuf pumps, six MultiCyclones and five Micron media filters complete with Waterco glass bead media.