

Water Conservation

Metropol Pool UV Filtration



Crown Metropol hotel has a large number of water saving initiatives that has significantly reduced its water consumption. In a typical hotel water is primarily used in guest rooms, kitchens, cooling towers, irrigation and swimming pools. These are generally areas where water savings can be made. Crown Metropol incorporated the following water saving strategies since it opened:



Water efficient fixtures including shower heads, taps, toilets and urinals.



Latest cooling tower technology with optimised cycles of concentration to reduce excessive bleed and therefore overall water usage.



Air-cooled woks, pre-rinse spray nozzles and efficient dishwashers in the kitchen.



A sub-metering and data logging and monitoring system to detect leaks as soon as they appear and encourage staff to keep an eye out and report leaks or any unusual water use immediately.

Most recently, Crown Metropol has installed a UV filter for the pool filtration system. The UV system deactivates bacteria, viruses and algae and provides a clearer, healthy water that is non-irritant for the skin, hair, mucous membranes and eyes providing more comfort when swimming. This both reduces the need for backwashing as well as the use of chemicals. Since installation, water consumption has decreased from 275,000L to 78,000 L per year. The amount of chlorine required is also reduced significantly which improves patron comfort.