



Waterco Australia Residential swimming pool

Homes With Integrity, Victoria



Smart swimming pools use less water and energy with Waterco

Homes With Integrity (HWI) is known for its energy efficient builds that reduce the need for fossil fuels by utilising renewable resources. The company's primary focus is to use products and materials that have a minimal impact on the environment, particularly when it comes to constructing swimming pools.

"It is critical for us to install equipment that reduces energy consumption and uses chemicals that are eco-friendly," explains registered builder Stuart Wilkinson.

"After meeting with Waterco state representative Darrin Feldman and state manager Scott Sutherland, we felt confident that Waterco offered all the appropriate equipment which aligned with our business's core values."

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WATERCO
water, the liquid of life

Waterco Limited (ASX:WAT) pioneers reliable solutions for healthy, safe water environments, which are used in residential, commercial and industrial applications in over 40 countries. Established in 1981, it has become a global brand recognised for designing and manufacturing filtration and sanitisation equipment for the aquatic, aquaculture, and water treatment sectors.

www.waterco.com

Waterco's energy efficient pool pumps and lighting systems that maximise star ratings — as in the more stars, the more energy efficient the product is compared to other models in its category — was also factored in the decision-making process.

"We required products that treated the water without increasing the need for backwashing or topping up," he explains. "The goal was to install a superior sanitisation system that could be utilised back onto the site rather than flushed into the sewer system."



Waterco's products address all the low energy requirements and reduction in water wastage.

Waterco: sustainable swimming pools

Wilkinson says Waterco's products address all the low energy requirements and reduction in water wastage across its entire range of pumps, lighting, filters, and sanitisation.

"The Hydrostorm ECO-V pumps boast a massive 8-Star energy rating while the Britestream MKV LED lights gave us the ability to daisy chain the transformers for greater programming within the Aquamaster pool automation controller," he explains. "The low energy usage with the LED lights also meant a longer lifespan of the globes. A two-year warranty on the lights was also very appealing."

The pool's filtration system required special consideration and effort to reduce the water loss and usage whilst maintaining a high-level of water purity and safety for swimmers.

"Choosing Waterco's MultiCyclone system as a first filter system was ideal in reducing a large amount of dirt heading into the filter system, which is as much as 80 per cent," Wilkinson explains. "The MultiCyclone unit also only disperses 15 litres of water when flushing its cleaning cycle, which is negligible."

Additionally, Waterco's Micron ECO top mount filter system offers up to 30 per cent water savings with its unique fishtail lateral system while its Glass Pearl filter media offers finer filtration that also carries up to 20 per cent less backwash water.

"All of this ensured the filtration system ticked every box from a sustainability point of view and made the entire system extremely efficient," he says.



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The Oxi Swim Sanitiser Cell combines the use of electrolysis with hydrogen peroxide to form a bacterial killing weapon.

Oxi Swim: Affordable, versatile, easy to use

Waterco's Oxi Swim sanitisation system was chosen for the benefit it brings, which leaves swimmers feeling as though they've immersed themselves in a natural spring. There are no chloramine side effects, no smell of chlorine, nor red eyes or itchy skin.

A revolutionary breakthrough in water treatment technology, the Oxi Swim Sanitiser Cell combines the use of electrolysis with hydrogen peroxide to form a bacterial killing weapon. The combined power of two sanitisers provides an oxygen rich swimming environment that is extremely efficient in neutralising pathogens. It's a dual system, which means you can flip the system in winter to a low salt chlorinated pool.



Water and oxygen are necessary elements for the existence of human life. Therefore, it seems only natural to use hydrogen peroxide to keep your swimming pool and spa naturally clean.

"Softer water on skin and swimmers was very appealing to the homeowner," says Wilkinson. "The additional benefit was the large reduction in water loss through the property's sewer system due to backwash. When the owner carries out flushing the filtration system, the water can instead be utilised on the fruit trees and garden."



To extend the swimming season with a cost-effective, environmentally friendly heating solution, Waterco's subsidiary, Zane, installed a Gulfpanel solar system. Exceptionally durable and UV stabilised, Gulfpanel enables the homeowners to spend more time enjoying their pool without eye-watering power bills.

"With the high efficiency of the Waterco products, it has been a cost saving benefit with the low power energy use due to the efficiency of the plant room," he says. "Coupled with the purer water due to the superior sanitation and filtration, the water can still be used onsite during any backwash process to water the garden that is less strain upon any water resources."

Zane Gulfpanels are precision injection-moulded from a high-grade formulated polymer, which was selected for its outstanding heat transfer properties and its exceptional durability



Britestream LED lights



Glass Pearl filter media



Hydrostorm ECO-V pump



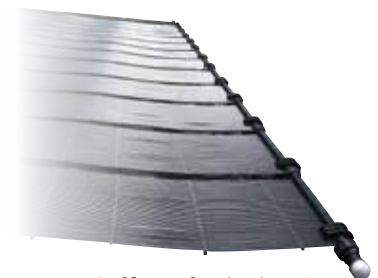
MultiCyclone filter



Oxi Swim Dual Sanitisation System



Aquamaster pool automation controller



Zane Gulfpanel solar heating

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