Trust nature to come up with the world’s most powerful disinfectant for your laundry

Trust ReNew to validate disinfection in each wash cycle automatically

Trust ReNew to protect staff and residents with our unique room monitor alarm

Trust the experience of more than 3000 installations worldwide
The Richard Jay ReNew System is unique and starts by converting air to 90% pure oxygen. Then an electrical charge splits the oxygen molecules, which are reassembled to form Ozone (O3).

Our patented interfuser delivers ozone directly into the water in the wash basket, which destroys bacteria and viruses. Fibres in the linen become opened which means better cleaning and faster drying. The ReNew result is clean, fresh and completely disinfected laundry.

The system uses mostly cold water and can operate on low water level wash cycles meaning it makes huge water and energy savings. This in turn contributes to a reduced carbon footprint, preserving the environment and our planet. ReNew can not only disinfect on all wash cycles, but can actually prove that it has done so. The system is available with a sophisticated validation unit which monitors the amount of ozone being injected into the wash process. This guarantees complete peace of mind in all environments where infection control is critical.

Scientific Tests prove the effectiveness of ReNew

Independent tests by microbiologists, show that bacteria and harmful spores (such as Golden Staph, C-Diff) were still present on the linen after commonly used wash programs. The ReNew process by comparison, destroyed the bacteria and spores.

The Richard Jay ReNew Validated Ozone System can be added to your existing laundry equipment, or is available in a completely new installation.

How ReNew works

Converts air to 90% pure oxygen

Electrical charge splits oxygen molecules

Molecules re-assemble to form OZONE -O3

Patented interfuser delivers continuous ozonated water
Substantial energy savings

The ReNew system uses fast wash cycles and mostly cold water, substantially reducing labour costs and utility bills. The way in which ReNew processes laundry also significantly increases linen life.

Variable Ozone Injection - Only On Renew

The Richard Jay ReNew system incorporates a patented variable ozone system. This variable ozone system automatically adjusts ozone levels to maintain 1.0 ppm in the wash wheel. This system automatically adjusts the ozone generator output to match each specific load according to the load size and soil contents.

This system makes the adjustments with a series of ozone sensors that monitor the amounts of ozone within the wash wheel. Renew V03 is the only system that can validate ozone in the wash wheel. Up until this point, there has been no system that can truly validate ozone levels in the washing machines, purely relying on periodic swab testing.

The Validation Process - Only On Renew

The ReNew system provides validation of laundry disinfection, for every cycle. This provides proof that ozone has been injected at the correct levels into the wash process, destroying harmful bacteria and viruses. This validation is vital for safe laundry operation and compliance.

The Richard Jay ReNew validated Ozone disinfection system provides the added benefit of heat disinfection as a backup should it be required. Now that’s peace of mind.
A UNIQUE SYSTEM OF PRODUCING OZONE AND INJECTING IT, THROUGH A PATENTED INTERFUSER INTO THE WASH PROCESS

REDUCES LAUNDRY RUNNING COSTS

ELIMINATES BACTERIA AND VIRUSES ON ALL WASH CYCLES

What our clients say:

‘The Department of Correctional Services are happy with the RJ ReNew Ozone system and laundry machinery installed at the Mobilong Prison's new laundry. The new RJ ReNew Ozone system ensures optimum hygiene is reached in the cleaning process and the result is clean, fresh laundry.’ - Mark Studdart, Finance & Admin Manager Brisbane Youth Detention Centre

‘The ReNew Ozone System from Richard Jay has provided disinfection by reducing outbreaks of scabies among the young people, plus the clean linen is brighter and smells fresh. The system saves money on laundry running costs as we no longer need to use hot water in the wash cycle. Richard Jay's have been very helpful through the entire laundry renovation.’ - Roy Steele, Facilities Manager Department Transport, Energy and Infrastructure

‘The system is great with great results. I had swab tests that came back with no sign of infection and all achieved in cold water. I am loving the fact I am saving on utilities and my staff came up to me unsolicited with the comments that they are getting great wash results, the garments don't smell like Nonna's clothes anymore. The most important thing to me is that we have no sign of infection; I was not getting that washing with thermal disinfection.’ - David Flight, Property Services Manager LifeCare Adelaide