

How to Make Tank Water Safe

Rain water is our cleanest water, when falling straight out of the sky. We use our roof catchments to capture our share, and store it in household rainwater tanks. However, during this process we add unwanted additives to this pure water before we shower, cook, wash clothes, or drink it.

By default, our roofs add a kind of unhealthy bacterial soup to this rain water, with potential disease pathogens derived from bird and bat poo, possum/rodent droppings, and dead insects. These microbial contaminants are often supplemented with algae, pollen, leaves, dirt, fertilizer dust, pesticide spray drift, perhaps mosquito larvae, and the odd frog body.

Even with the best roof maintenance, an efficient “first flush” system on the tank, and leaf mesh on the guttering, a level of bacterial contamination is unavoidable in our tank stored water.

Protection from waterborne diseases in tank water is provided by the WaterGuard®, a complete (whole house) tank water filtration system, with UV purifier, suited to all rural water supplies.

The WaterGuard® removes bacteria (e.g. E.Coli), viruses, algae, water parasites (e.g. Giardia, Cryptosporidium), sediment, odours and chemical toxins by a combination of physical filtering, and ultraviolet light disinfection. (UV light has been used for around 70 years to purify water, and is regarded as superior to the chlorine treatments used for water disinfection in town water supply schemes – and using UV avoids potentially harmful chlorine by-products).

Developed in New Zealand for DIY installation between the water tank and house, the WaterGuard® is available in Australia as a pre-assembled tank water filtration / purifier system with 3 filters, 2 pressure gauges (indicate when to clean/change filters), 1” inlet/ outlet ball valves, a UV lamp with alarms, and all housed in a tidy aluminium cabinet.

For safe water to all house taps, contact Pete 0755809276, or visit www.thewaterguard.com.au



Water Guard Your Family's Health