

The Tank Vac

The Tank Vac is a completely new concept in Rainwater Harvesting technology. The installation of one of these cheap, easy to place units will dramatically improve the quality of your tank stored water. Recommended by the NZ Ministry of Health.

HOW and WHY?

The Tank Vac draws the excess water from the base of the tank when the tank is full and begins to overflow. A very powerful discharge is developed through a patented flow generator.

No longer does the newest, freshest, most richly oxygenated water flow to waste when the tank overflows. **This new water will be stored in place of the older water at the base, which will be flushed and discharged.**

And so the water stored in the tank is in effect recycled. Fresh stays - Old is discharged

The unique Tank Vac system generates a very powerful discharge flow of 9 litres per second which is some many times the discharge rate obtained in a standard overflow system.

The high discharge rate causes a powerful vacuum to develop within the pipe on the tank floor. Holes in this base pipe draw in sediment, sludge, mineral deposits and stale water which are all expelled outside the tank.

Bacteria are washed from leaves and settle to form colonies in the sediment on the tank floor. Bacterial action releases the nutrients into the water which are needed by E.coli and other minute organisms if they are to survive. When the Tank Vac flushes bacteria and sediment from the tank base, micro organisms are without a nutrient source and die off over night.

While filtration will seemingly reduce contamination, when micro organisms are forced against a filter their outer membranes are trapped but cells rupture and body fluids can pass through water flow to taps. So to prevent build up of contamination install a Tank Vac.

Developed with the assistance of engineers at the University of Waikato and microbiologists at Auckland University of Technology. Models to suit tanks from 1000t to 30,000t.

BENEFITS

- Much, much, cleaner and clearer water
- Oxygen levels in the water can double
- Extended filter life
- Low - zero levels of micro-organisms
- Water will not be tinted or tainted
- No odours
- Rapid, simple installation
- No moving parts
- Easily installed into both empty or full tanks

Delivered by NZ Post. Each kit contains all the necessary pipes, fittings, glue and instructions. Thousands have been sold and installed by kiwi handymen. Wholesale price on application

For more info or to view a video of a working Tank Vac
Visit: www.tankvac.co.nz

Or call: **Duracrete Products Ltd**
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Regards
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Tank Vac Ltd