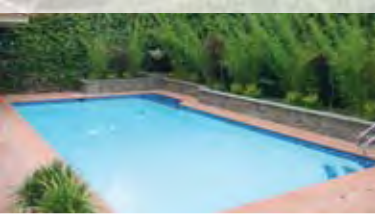
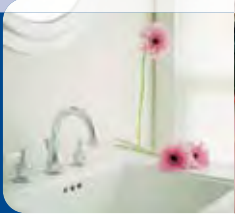


# calcium and scale build up

the benefits of DELTA technology



**Delta**water  
solutions

fact sheet 6

Reducing maintenance and improving water quality are key benefits of DELTA Magnetic Water Conditioners. In industries using water for heating, cooling, sterilization and wash-down systems DELTA products minimise the impact of scale build-up and therefore increases efficiency through reducing time and costs spent on maintenance. The treatment also improves performance of systems involving heat exchange.

DELTA Magnetic Water Conditioners help combat the problems of calcium and scale build-up in pipes, recirculation and irrigation systems.

They can help prevent restriction and blocking in:

- > Micro irrigation systems
- > Drip-tube irrigation systems
- > Drip-tape irrigation systems
- > Large-scale irrigation systems

A magnetic field created by the conditioners reduces:

- > Water surface tension

And increases:

- > Water's ability to retain oxygen

The changes allow:

- > Minerals to crystallize in the water

Instead of:

- > Inside pipes

Magnetically treated water is particularly good for recirculation systems such as:

- > Air-conditioners
- > Swimming pools
- > Stock watering systems
- > Household plumbing
- > Irrigation systems

*Once a pipe is clean it stays clean, as long as water continues flowing*

***"Mark Nuttley from Rabco Builders has seen the results after our six months in the house and agrees he should include a DELTA Magnetic Water Conditioner with every house he builds as standard equipment. As a comparison, in his house he has to remove and clean his shower heads every month to clear calcium build-up. We have gone six months without a reduction in pressure or any blockage at all."***

Brian Smith, North Efate, Vanuatu



*An irrigation pipe blocked with calcium buildup before the water was treated with a DELTA Magnetic Water Conditioner (left) and the same pipe after treatment with a DELTA conditioner.*



better water naturally

1800 283 600  
www.deltawater.com.au



Wineries, fruit and vegetable farms, large scale irrigators, sporting grounds, nursing homes, mines, home gardens, abattoirs and houses on the Pacific Ocean island nation of Vanuatu might seem to have little in common. But a need for high-quality water and improved soil health around the world has led to all of them benefiting from our revolutionary Australian-made product.

DELTA Magnetic Water Conditioners, which treat water through powerful magnetic fields, are proving a mighty weapon against mineral and salinity problems in water supplies and soils. We manufacture and distribute our 100% Australian made and owned conditioners out of our Hunter Valley base in NSW.

Magnetic water treatment is environmentally friendly, pollution and maintenance free, incurs no chemical, maintenance or energy costs and has a service life of more than 25 years. All DELTA products have a 100% money back guarantee.

## CASE STUDY

### Tangaratta Vineyards, Tamworth, NSW

NSW winegrower David Edmunds adopted the DELTA technology in 2002. In the past David had to flush the irrigation lines on the property's 28-hectare vineyard with the acid solution several times a year to clear calcium that was blocking drippers. It took time and it was frustrating. But now it's a thing of the past. And it's a similar story with the irrigation system's filtration cartridges. "The maintenance of the whole system is so much better and easier," David says.

*"A lot of people ring up and I say I can't give them any scientific explanations as to what happens but our workload, especially with cleaning filter cartridges and drip lines, has changed dramatically," he says. "DELTA has saved us a hell of a lot of work."*

*David Edmunds, Tangaratta Vineyards*

#### Problem

Calcium build-up caused blockages in vineyard irrigation system, creating an inefficient watering regime.

#### Solution

Installation of 100mm Grade-3 DELTA Magnetic Water Conditioner, specifically adapted for the vineyard's dripper system.

#### Result

The dripper system remains relatively free of calcium build-up for longer periods of time.

