

THE PERFECT **COOLING** TOWER **SOLUTION**

The **WATERCUBE**

Custom designed on a compact skid, the Watercube is easily installed next to or below the cooling tower.

Why Install A Cooling Tower Watercube

- The Watercube enhances chemical performance!
- The Watercube reduces hard water problems!
- The watercube removes the habitat for bio fouling and legionella!
- The watercube saves you money on water to waste, make up water!
- The Watercube increases the heat transfer efficiency of the cooling tower!
- The watercube reduces maintenance and running costs by 30 to 50%!

Stage 1 - Recirculating Pump

Provides constant water flow and pressure which is critical for the operation of the self cleaning screen filter.

Stage 2 - Water Conditioner

Left untreated, calcium and other minerals in water will deposit as scale on cooling tower fill, water basin and associated downstream piping & equipment reducing the cooling tower efficiency, causing premature equipment failure, provide a habitat for biofilm to cling to, increasing running and maintenance costs.

Hard water protection reduces the electrical charge (zeta potential) of the minerals in water giving softer, wetter water mitigating scale build up.

Stage 3 - Self Cleaning Screen Filter

Algae, pipe scale, process water impurities, atmospheric contaminants and sludge are removed reducing maintenance, energy and chemical treatment costs of up to 30-50% with significant reductions of sludge that sustains and shields legionella bacteria, ensuring a healthier & safer environment.

Stage 4 & 5 - Chemical Injection & Mixing

Optional single or multiple chemical injection points allow controlled chemical injection into a softened turbulent water stream.

Chemicals and water are thoroughly mixed and have been shown to increase ORP with no add chemical. .

Stage 6 - Eductor Ring Main

Eductor nozzles create turbulent water, keeping solids suspended making them more easily removed by filtration.

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recirculating pump

self cleaning positive filtration

water conditioning

chemical injection & mixing

reduces operating costs

compact aluminium skid

improves efficiency

mitigates habitat for biofilm

reduces running costs

made in Australia

**there is only one
perfect solution**



**SOFTERWATER
CONDITIONERS**

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