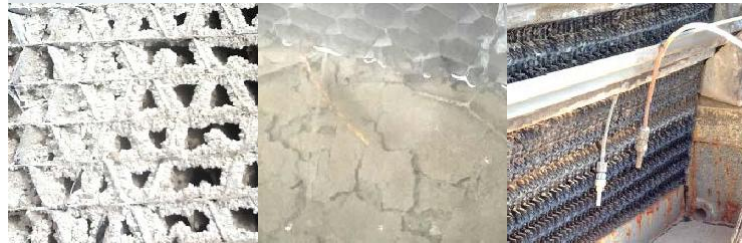


ENHANCING THE WORLD'S MOST PRECIOUS RESOURCE IN YOUR COOLING TOWER



- ✓ Recirculating pump
 - ✓ Scale protection
 - ✓ Self cleaning filter
 - ✓ ORP meter & probe
 - ✓ Freshwater chlorine generation (Min TDS 1000PPM)
 - ✓ Optional sock filter for waste water reuse
 - ✓ Optional blowdown water reuse skid
 - ✓ Optional eductor nozzles for ring main (customer install)
 - ✓ Supplied on a custom maluminium skid
- *Refer to website for more information*

LEFT UNTREATED MINERALS IN WATER WILL CAUSE PROBLEMS IN YOUR COOLING TOWER

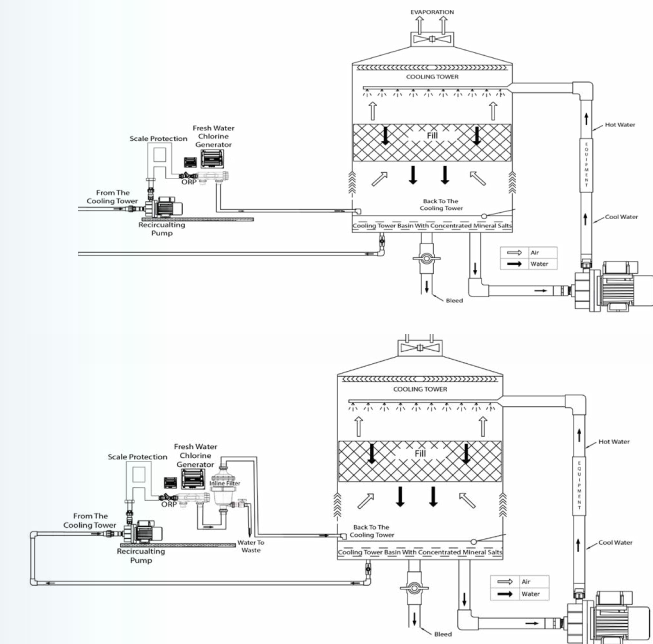


- ⚠ Scale builds up on fill reducing airflow and cooling efficiencies
- ⚠ Scale builds up on downstream equipment causing unscheduled maintenance, increased maintenance costs, downtime, premature failure & replacement of parts & equipment
- ⚠ Scale and other atmospheric contaminants and debris settle at the bottom of the basin providing a habitat for legionella and biofouling
- ⚠ Ineffective chemical injection and mixing can lead to increased chemical usage
- ⚠ Left untreated this results in increased cooling tower running costs, unscheduled breakdowns and replacement parts are costly

ARE YOU AT RISK?

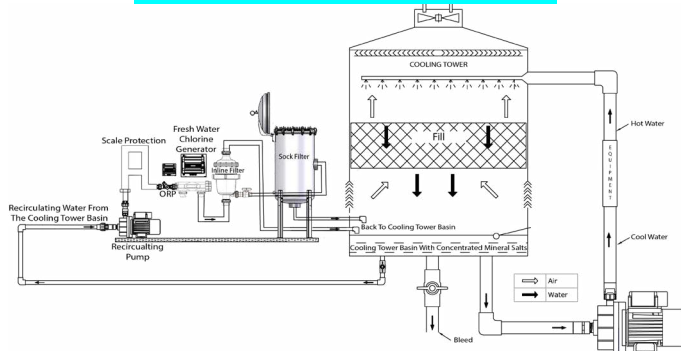
Signs to look out for:

- ⚠ Increased chemical usage and costs
- ⚠ Growth of biofilm
- ⚠ Scaling & fouling
- ⚠ Corrosion
- ⚠ Decreased performance of downstream equipment
- ⚠ Premature failure and replacement of downstream equipment



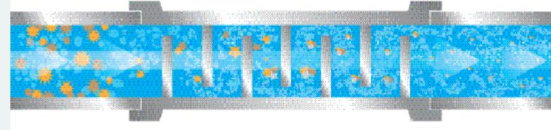
THE SOLUTION!

The Freshwatercube



- ✓ Reduces scale build up on cooling tower fill
- ✓ Protects the cooling tower basin and downstream equipment from the harmful and costly effects of scale
- ✓ Self-cleaning filter removes dirt and debris from the cooling tower basin reducing habitat for legionella and biofouling
- ✓ Freshwater chlorine generator produces 30g/hr of chlorine utilising the concentrated mineral salts in the cooling tower basin water. Minimum TDS required is 1000PPM
- ✓ Optional skid for bleed water recycling which can either be reintroduced into the cooling tower basin or stored and used for non potable water usage eg toilets or irrigation
- ✓ Reduced unscheduled downtime, cleaning, maintenance, parts and equipment costs by between 30 to 50%

A SIMPLIFIED LOOK AT OUR ADVANCED TECHNOLOGY



WITH IGS WATER CONDITIONER

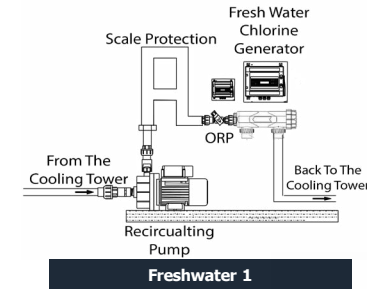
The water conditioner alloy produces a turbulent mineral-attracting galvanic action reducing the electrical charge of minerals.

Non-sticking nano sized colloids are formed and flow through the system in suspension significantly reducing hard water problems.

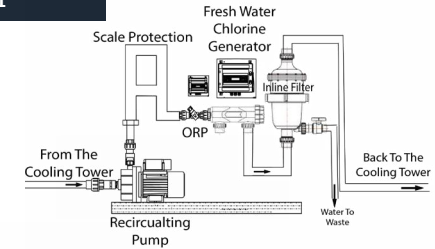
BENEFITS

- ✓ Keeps cooling tower water safe, clean & clear
- ✓ Saving water & money
- ✓ Improving water & air quality
- ✓ Mitigating health & safety risks
- ✓ Protects plant & equipment

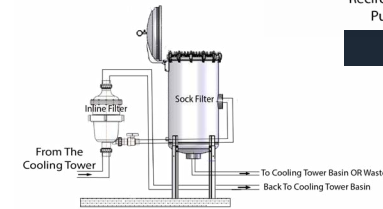
SKID OPTIONS



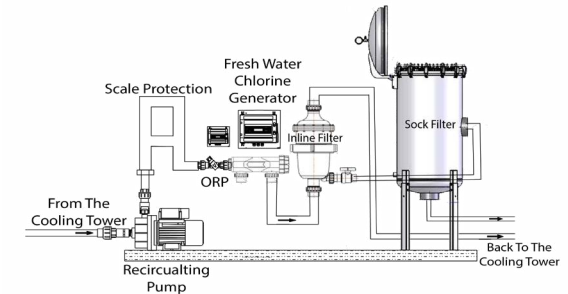
Freshwater 1



Freshwater 2



Freshwater 3



Freshwater 4