MADE IN AUSTRALIA

Improving water naturally since 1980

Flourish Inc fzco

Scan QR to see how it works

The Best Natural Water Treatment in the World

WARRANTY 10 Year REPLACEMENT WARRANTY WARRANTY

carefree® water conditioners

RESIDENTIAL | HOSPITALS | HOTELS | IRRIGATION | INDUSTRIAL

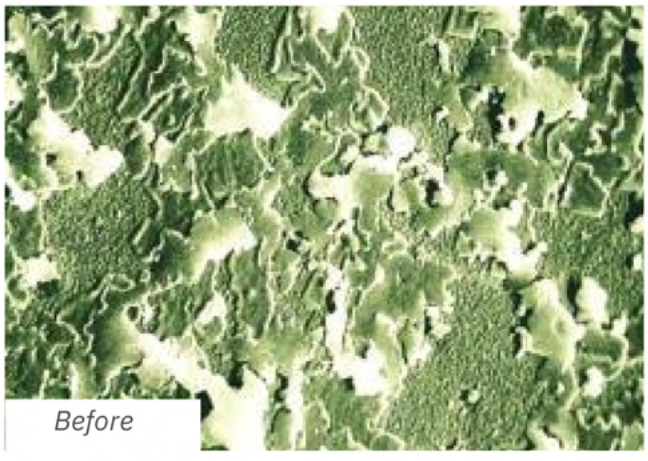
The Solution to Water Challenges: Carefree Water Conditioners

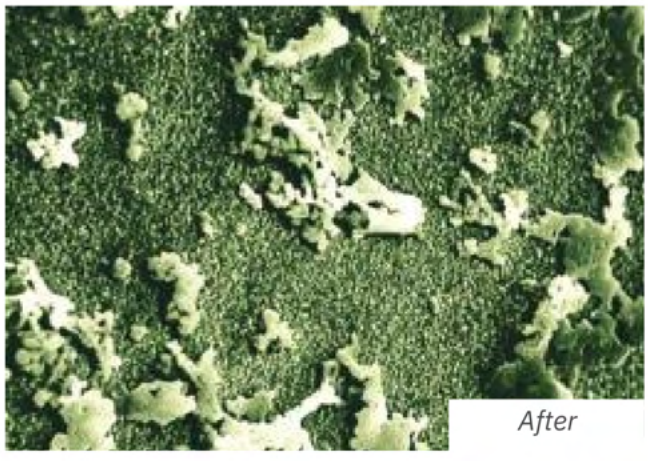
Not a softener or filter.

What is CareFree and how does it work?

The Care Free Water Conditioner revolutionizes water treatment by altering its behavior, transforming how ecosystems respond to water. With a history spanning over three decades since 1980, this system has become a must-have solution for global water challenges, benefitting households, hospitals, agriculture and industries alike. Its patented technologies reduce soil salinity and elevate water quality without altering its chemistry, thanks to a mechanical treatment process devoid of filters or chemicals. Unlike conventional systems, the Care Free Water Conditioner seamlessly integrates into pipelines, ensuring uninterrupted water supply with minimal maintenance. Through a unique combination of turbulence and electrical fields, this catalytic treatment system effectively separates mineral particles reducing their size greatly, fostering a more sustainable ecosystem. Microscopic imagery captures the transformation in particle size and density, showcasing the profound impact of the Care Free system. Embracing this technology not only resolves water challenges but also fosters a more sustainable environment, reshaping the way ecosystems and infrastructure interact with water.

To put it simply, Care Free Water Conditioners eliminate the cohesion that exists between the mineral particles in the water. This is clearly visible in the microscopic images taken photos below.


Before


After

Electron microscope photographs - mag. x 1440

The photos reveal mineral particles precipitated from 'the same water sample' with a reading of 750mg/l hardness. Note how the particles are bound together before CareFree treatment and 'separated' after treatment. You can compare this reduction in micron size from the size of your fist to the size of your fingernail.

For optimum performance

- Size the conditioner to recommended flow rates and do not oversize
- Connection to our specially designed power adapter
- Clean the conditioner as per the maintenance instructions

Simplify Your Life with Care Free Water Conditioning

Quality water, all the time, from all your taps!

Discover the Care Free Water Conditioner's remarkable impact on your water quality:

- Address common water issues affecting appliances and overall water quality.
- Reduce strain on appliances and prevent scale build up.
- Enjoy cleaner bathtub and shower walls, softer clothes with less detergent, and improved water saturation for better cleaning.
- Maintain cleaner dishwashers and washing machines with reduced maintenance.
- Reduce water usage for lawn and garden maintenance, promoting environmental sustainability. Gardens and plants grow faster with improved soil over time.
- Bid farewell to water spotting during car washes and protect water heaters from corrosion.
- Reduce salt incrustation on air conditioners, prolonging their lifespan.
- Plants and gardens grow more evenly and healthier with less water usage.

With the Care Free Water Conditioner, embrace the benefits of healthier water and a happier home. Experience the ease of installation and the lasting benefits that come from investing in your water quality.
Join the thousands of satisfied homeowners who have made the switch to Care Free Water Conditioning.

Visual Impact on Water Heaters

This amount of scale on your hot water element can double your hot water bill.

However, six weeks after installing a ***Care Free*** *Conditioner, All scale has been removed!*

15mm conditioner fitted to a domestic water meter. Note the easy access to unions. The specially made sacrificial rod supplies the electrical current to the conditioner. Keep rod moist.

Ideal for Swimming Pools

Water that is crystal clear

Carefree gives you water so clear it could be a mountain spring

Fitted into the circulation system of your pool the Care Free SWP40 Conditioner will deliver sparking, crystal clear water for years to come. What's more, you'll discover your pool feels and smells more refreshing, will be easy to maintain and a delight to swim in. In fact Care Free gives you swimming pool water so clear, you can read your newspaper underwater!

Simple Installation

Install the CareFree Water Conditioner after the filter on the pool return line. It can be installed vertically or horizontally.

Pool clarity becomes exceptional

Consider the Benefits

- *reduces pool chemicals by approximately 50%*
- *gives amazing water clarity*
- *is ideal for sensitive eyes*
- *improves filtration*
- *reduces backwashing*
- *is effective for salt of chlorine pools*
- *is inexpensive to install and maintain*
- *salt chlorinator cleans easily with a garden hose*

My chlorine usage has reduced with a corresponding general stabilisation of pH.
The filter requires less frequent backwashing.
My pool clarity is exceptional and the water has a natural feeling.

JES Sydney *NSW, Australia*

Practical for Hotels & Hospitals

Care Free brings a substantial amount of savings in the Hotel and Hospital sector.

- Water can cause a lot of damage in the equipment (Laundry, Steam Generators, Dishwashers etc.) used in Hotels and Hospitals. Care Free conditioned water not only brings the maintenance cost down, it will also give extended life for the equipment.
- Also when Care Free is fitted before a RO (Reverse Osmosis)
- Plant or Carbon Filter, It neutralizes the negative influence of mineral particles, which otherwise tend to hinder the filter's performance and reduce the working life of reverse osmosis membranes.
- Installing a Care Free Conditioner before the reverse osmosis or carbon filter, keeps the filter cleaner and greatly improves its efficiency.
- The longevity of the membranes and filter cartridges is extended by several times.
- A Care Free Conditioner can be fitted to treat the reject water from an RO plant which can be re used for washing or irrigation. By which you can have zero wastage of water.

Above images are from a leading restaurant's dish washer

Solves Algae problems in Lakes and Ponds

MacIntosh Island Lake - capacity 13 million litres

Algae problem solved at Gold Coast lake, Queensland, Australia

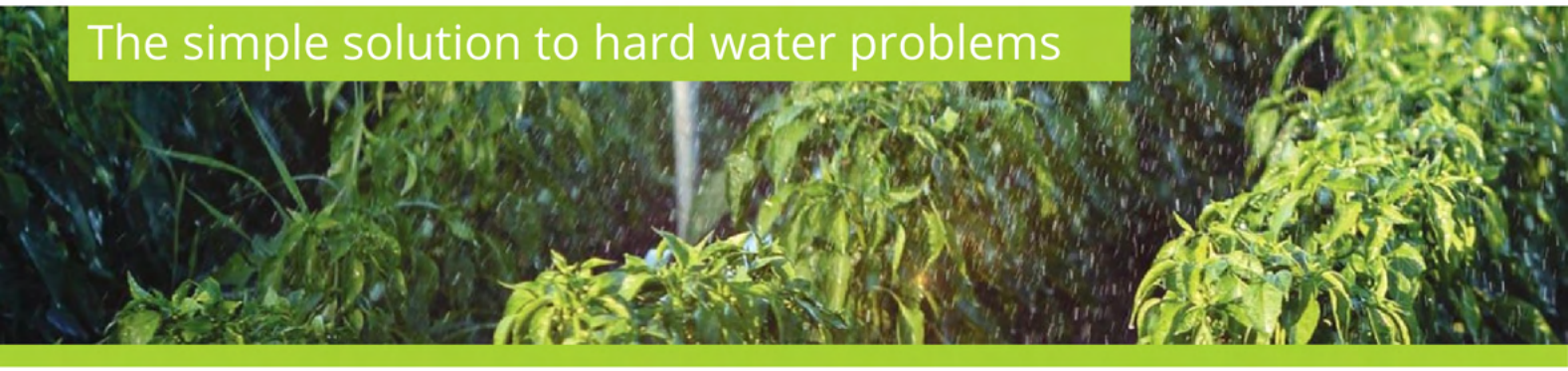
The lake in Surfer's Paradise was one of the problem areas. Algae growth, turbid water and zero visibility spoilt the lake's attraction.
Several methods to clean the lake were investigated but were not cost effective. It was decided to install a Care Free Conditioner into the lake's re-circulation line. During the next few weeks the algae disappeared and the water cleared so dramatically that you could see the bottom of the lake!
The City Council has installed several Care Free Water Conditioners over the past few years to solve a variety of water problems.

"Algae disappeared and the water cleared so dramatically that you could see the bottom of the lake!"

150mm Care Free conditioner turns over entire lake every 36 hours. Flowrate 6,000 lit/min.

Care Free improves water for all Irrigation purposes

The simple solution to hard water problems



Care Free is succeeding in making the impossible possible.

Since 1980, people in Australia and overseas have enjoyed the benefits of Care Free water treatment. Not only is Care Free continuing to solve hard water problems, but recent studies have proven that Care Free is able to substantially lower salinity in the soil - Patents Pending. Crops are being grown and are doing well on water which is normally considered unsuitable for irrigation.

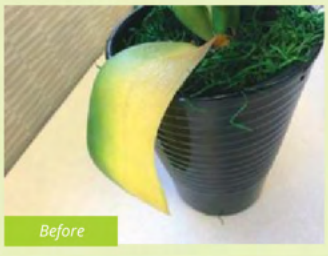
Likewise, when you install a Care Free Water Conditioner, you can look forward to solving your water problems and improving water and soil quality.

Water penetrates the soil faster

Lab tests confirms Care Free treated water penetrates the soil faster. What this means to you is less evaporation and less water usage - up to 20% in some cases.

Consider the Benefits

- *lowers salinity in the soil*
- *water penetration is improved*
- *reduces water usage*
- *encourages plant and crop growth, greater yields*
- *reduces leaf burn*
- *less fertilizers required*
- *reduces the effects of salts and minerals in all water*
- *stops scale and corrosion of water systems*
- *drip irrigation lines stay clean*
- *ball valves and taps operate smoothly*
- *inhibits algae growth in stock troughs and tanks remains cleaner*
- *provides a more useable water supply*



Orchid plant with amazing results

The staining experienced before installing a Care Free Conditioner has totally disappeared on all new growth.

Compare the difference

These Fatsia Japonica planted were watered from the same water supply for five months. The only difference being one plant received Care Free "conditioned" water, the other unconditioned water.

Look at the new growth after only 8 weeks

Salts in the water caused the unsightly encrustation on this Bunya Pine. The difference is obvious when you compare the stunted and deformed foliage with the healthy new growth. See water analysis below:

Water Analysis

pH	7.60
Conductivity	1.57
Total Salinity	1036mg/l
Total Alkalinity	446mg/l
Hardness (Ca+Mg)	758mg/l
Chloride	230mg/l
Sodium	76mg/l
Calcium	181mg/l
Magnesium	74mg/l

Making the impossible possible - Case Studies

Melons shortly after sowing. No salt encrustation is evident on the drippers.

*Before installing a **Care Free** Conditioner, the owner could only dream of a melon harvest like this!*

Case Study 1 - Growing Melons in the desert
Al Dharah - United Arab Emirates

Growing melons in the 4,000mg/I salt water was impossible prior to installing a Care Free Water Conditioner. However the melons thrived on the "conditioned" water and there was no evidence of salt-encrustation around the entire dripper system.

*Director of **Care Free**, **Robert Uden** with farm manager Sweihan UAE.*

Case Study 2 - 340% Increase in production!
Sweihan - United Arab Emirates

After installing a 50mm **Care Free** Conditioner, the production of Salk (which is similar to Spinach) using 11,000mg/I salt water, increased by 340%. Farm income rose from 90 000 AED to 320 000 AED .

Case Study 3 - Market gardener saves 70000 AED
Australia

For example, a market gardener whose bore had become brackish with 2, 100mg/I salt was facing the prospect of losing his 70 000 AED lettuce crop affected with leaf burn.

He installed a 75mm Care Free Conditioner and after only four days his entire crop was saved! Quick to see the benefits, his neighbours now use our product on their irrigation systems.

Care Free becomes part of the pipe line

This Care Free Conditioner is installed at discharge of a bore hole pump in a farm in Nairobi, Kenya.

Size according to flowrate, not pipe size

It is important not to oversize. This 15mm Care Free Unit is installed into a 40mm line from a pressure system.

Care Free reduces Salinity in the soil

Costly irrigation problem solved at golf course

At this golf course in Southern New South Wales, the water used to irrigate fairways and greens was continually blocking sprinkler heads and filters. This meant hand cleaning every sprinkler on the 18-hole course every two weeks. An expensive problem. Chlorine injection systems were investigated by the club, but were not a viable option. Here's what the General Manager of the Shire Council had to say 12 months after installing their Care Free Water Conditioner:

"Since installation I am pleased to confirm the following results: No evidence of fungal growth, increased efficient flow rates and less maintenance on entire irrigation system. The Care Free Conditioner has proven a ***useful and cost effective addition to our irrigation system.****"*

Sprinkler free from scaling and blocks

Care Free Conditioner installed into a 150mm line at the golf course. Flowrate: 2700 lit/min Headloss: 41kPa - no orifice.

In this installation the pump and conditioner are connected into galvanised pipes which go underground, therefore a single sacrificial rod is sufficient to supply the electrical current to the conditioner.

Soil salinity down by 89%

For several years, these paddocks had been irrigated with bore water with a TDS of 1,300mg/I and salinity in the soil was gradually increasing.

After irrigating for only one season with Care Free Conditioners the Chloride in the soil was reduced by 89% and the Sodium by 53%.

Care Free Conditioner installed at the golf course.

Golf course using water conditioned by Care Free.

Soil Analysis

	Before	After	%Reduction
Sodium - mg/100g	1.3	0.61	↓ 53%
Chloride - mg/kg	220	24	↓ 89%
Elec. Cond. - µS/cm	230	70	↓ 69%

Care Free lowers salinity at golf club by 66%

Rising salinity at a Wagga Wagga Golf Club played havoc with the course for several years despite the good river water used for irrigation. The club agreed to set up a trial area using Care Free to determine the effect on the surface salts killing the grass. All treatment to the test area ceased during the trial.

Care Free conditioner installed

Before

After 6 months

2½ years later

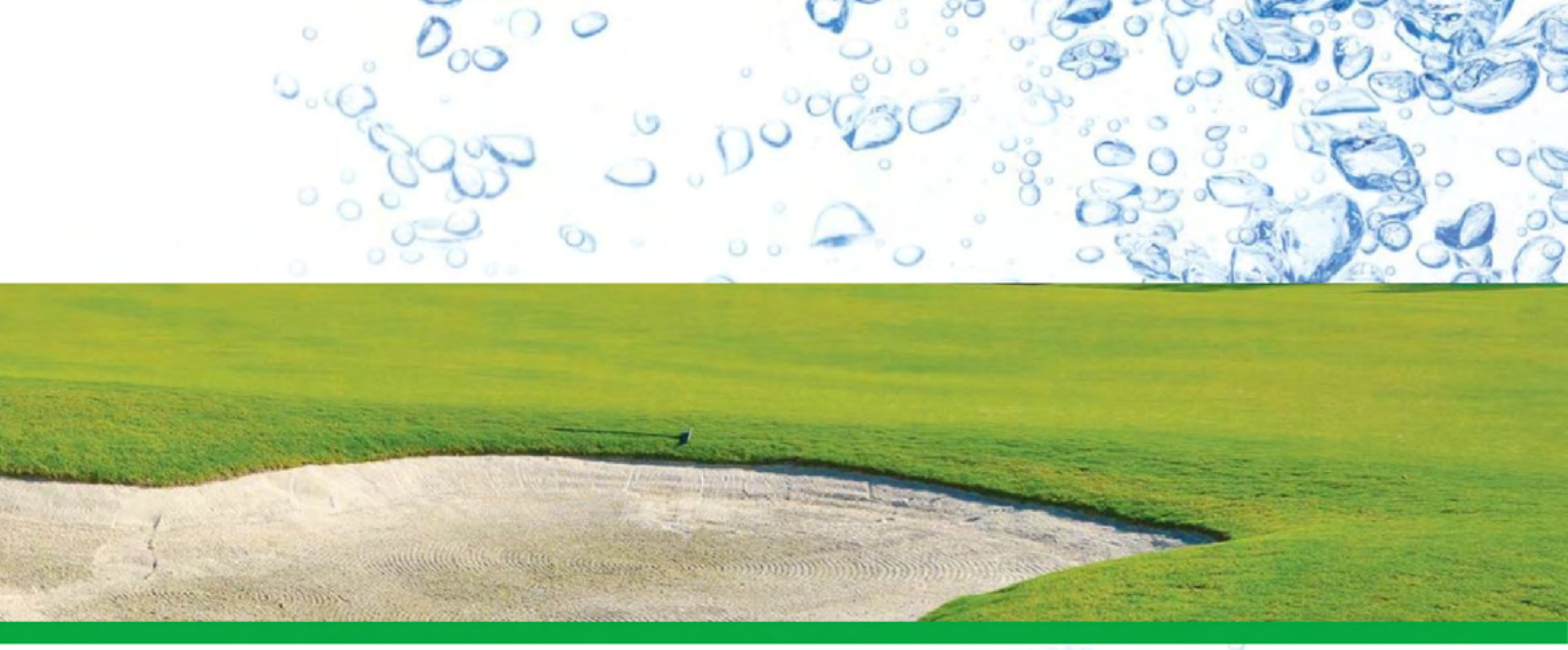
- surface salt disappeared over entire test area
- couch grass now showing vigorous growth
- soil pH had lowered from 8.6 to 7.1
- sodium in the soil lowered by 25%

Australian government scientists visited the golf club and took samples of the treated and untreated areas. They were amazed at what they found.

Salts were not only significantly lower in the Care Free treated area, but were in a completely different form to that of the control area. Below are the results of the initial soil samples taken by the scientists.

Soil Analysis

	Control	Care -Free	%Reduction
Sodium - mg/100g	290	167	↓ 42%
Chloride - mg/kg	650	220	↓ 66%
Elec. Cond. - µS/cm	2620	1170	↓ 55%



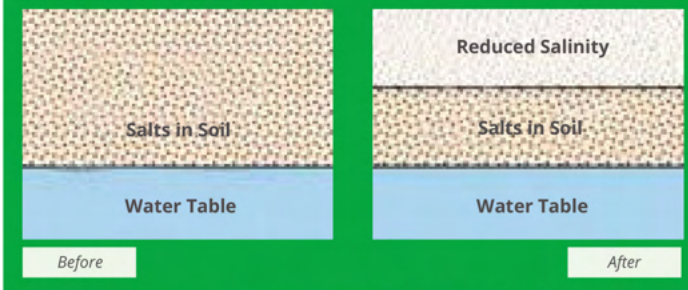
Care Free and soil salinity. What do scientists say?

*"I will emphasize that there is no difference in EC from input water to output water from a **Care Free** Water Conditioner.*

*What we have found at ANSTO by undertaking a range of tests on the device, in relation to particle size analysis, in the colloidal fraction, **is that the distribution of the particle size of colloids is reduced significantly.***

That there is an increase in the portion of particles at the lower colloidal size once saline water is passed through the device.

*By reducing the size of the particles, the device influences the impact of the saline water, which has stayed the same EC, and allows the salts, or **I should say the ions which also vary in ionic radii, to pass downward through the soils below the root zone.***



Hence, there are observed reductions of salinity in the soils where trials have taken place.

The irrigated water has had particle size reduction take place, allowing the ions to pass quicker through the soils and not get caught up in the root zone for plants."

Dr. John Bradd

Hydrogeologist - ANSTO
ASAN - National Coordinator

Lucerne crop thrives

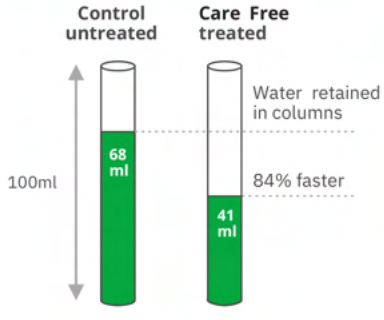
A Cf75 fitted to a 150mm line

"Before we installed the Care Free, our bore water almost killed our flood irrigated lucerne. Since installing the conditioner, results have been amazing. The first year we cut hay and reaped seed that yielded as good as the district average. The second season we achieved two cuts of hay and reaped 400 kgs/ha of seed and grazed cattle. We are grateful for the advice and assistance you have given."

Farm Manager

Water Analysis

Sodium	1,640g/l
Chloride	3,400g/l
Elec. Cond.	11,100µS/cm
TDS	6,400g/l
NACL	5,600mg/l



Soil Composition	
Clay	18%
Sandy loam	57%
Black	23%
Stone/Pebble	2%

Lab tests confirm Care Free improves water penetration

This water percolation test was done by Analytic & Biological Laboratories Inc. over 48 hours. The test confirmed a change in the makeup of the Care Free conditioned water that allows it to penetrate the various compositions of soil at a faster rate.

Care Free helps with Preventative maintenance for industrial use

Exceptional results for Cooling towers

It is to be noted that the Care Free Water Conditioner treats the cause rather than the complaint. When installed on a cooling tower system, it virtually eliminates the biofilm below the water line in which bacteria grows and multiplies. Therefore minimal regular maintenance is required to keep the tower in a "clean" condition. Return on Investment is usually in less than two years.

Ion exchange water softeners for boilers

If you have a water softener on your boiler feed water, big savings can be made by installing a Care Free Conditioner "before" the softener. Not only will the performance of the softener be improved, but regeneration times will be extended which reduces your costs considerably.

Consider the Benefits

- *uses no chemicals whatoever.*
- *stops scale and corrosion.*
- *keeps cooling towers, piping and condensers clean, thereby saving downtime.*
- *extends the life and improves performance of heating and cooling equipment.*
- *maintains low bacteria levels by eliminating biofilm.*
- *has no filters to harbour bacteria.*
- *is inexpensive to install.*
- *is 100% environmentally friendly.*
- *does not contribute to toxic aerosols.*

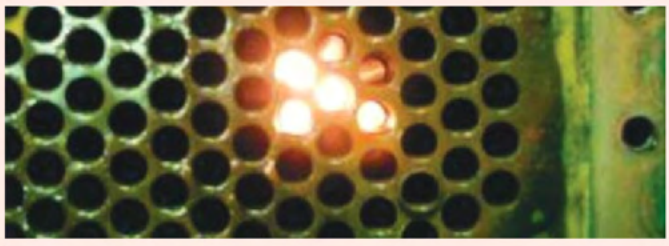
Which would you choose?

With chemicals

A chemically treated cooling tower "prior" to installation.

Without chemicals

Note the water clarity of the cooling tower sump eight months after installing a Care Free Water Conditioner.



Care Free keeps condenser tubes "shining like a gun barrel"

These condenser tubes are shining like a gun barrel after 15 months of Care Free water treatment.

Cooling tower at Canberra Deep Space Communication Complex

Care Free Units installed directly after pump

Since installation, there has been considerable reduction in the water usage as the cooling towers no longer dump as much water. What's more, no bages of salt have been added to the water softening plant and there is no evidence of hard scale in the entire plumbing system.

Two 125-150MKLL Care Free Water Conditioners were installed in the re-circulation line of the cooling towers. Plus a smaller Care free unit was fitted before the water softening plant.

Study of Carefree in Cooling Towers

Use of a Water Conditioner to control the Aquatic Environment of Cooling Towers

The following summary findings were taken from a report by the Benalla Regional Office of the Victorian Health Department after a two year study of the Care Free Water Conditioner.

Study of the **Care Free** Water Conditioner - Summary

Introduction to Study

This represents an alternative, non-chemical method of managing the aquatic environment of cooling towers, which appears to prevent the proliferation of bacteriological contaminants. A water conditioner was sized to the cooling tower circulation rate and reservoir capacity, and installed as a bypass circuit that would circulate the cooling tower water through the conditioner for 12 hours every day. Prior to the experiment, several parameters were established:

a. An adjacent cooling tower without a water conditioner would undergo the same tests as the one with the device.

b. Both cooling towers would undergo thorough cleaning.

c. One tower would continue using biocide and algaecide chemicals, while the other with the water conditioner would not.

d. A program of tests and inspections was scheduled.

e. TBC dip slide tests were conducted and recorded.

Test schedules included Total Bacteria Count, Legionella Count, Total Dissolved Solids, Alkalinity, and pH. Notably, during the two-year experiment, no algaecide or biocide chemicals were used in the tower with the water conditioner. Test results from a NATA certified testing agency consistently showed the lowest detectable levels of all legionellas (<10 CFU/ml), and the TBC remained consistently below 10^3. This is an outstanding result for towers using chemicals and exceptional for those without.

What are the results of the experiment thus far?

a. The device appears to be able to consistently maintain a TBC of below 1 x 103 CFU/ml and a
Legionella bacteria count of <10 CFU/ml.

b. The cooling tower is visually clean.

c. The condenser tubes on the water side of the refrigeration unit condenser allied to this cooling tower, were not cleaned at the commencement of the experiment. However when the condenser end covers were removed for their seasonal inspections and tube cleaning, every tube was observed to be completely clean and shining like new.

What benefits has the Projects identified thus far?

a. The cooling tower is dispersing neither Legionella or biocide aerosols.

b. The cooling tower no longer requires cleaning except for the requirement to desludge the water pan.

c. The shell and tube condensers attached to the refrigeration machinery no longer require cleaning or brushing.

d. An additional benefit of item (b) is that the compressor efficiency is not impaired or reduced because of dirty or scaled condenser tubes.

e. The use of cooling tower chemicals has been eliminated subject to the Total Bacterial and Legionella counts remaining below a specified limit.

The two year field test experiment had thus far substantiated that the aquatic environment of a cooling tower and an evaporative cooler can be controlled using what has traditionally been known as a proprietary device. The evidence supporting this is the visual results of the experiment and the certified NATA laboratory test results of the water samples.

carefree® water conditioners

Australia

3/73 Dobney Avenue
(P O Box 681)
Wagga Wagga NSW 2650
Tel: (02) 6925 2304; 6925 1835
Fax: (02) 6925 5078 Int'l prefix: +612
E-mail: waterguys@carefree.com.au
www.carefree.com.au

UAE

DSO-IFZA, IFZA Properties, Dubai
Silicon Oasis, Dubai , UAE
Tel: +971 58 528 6456
Email: info@flourishintl.com
www.flourishintl.com

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Specifications

CODE	SIZE		TYPE	LENGTH	NOMINAL CAPACITY			
	mm	Inch		mm	Lit/min	Lit/min - No Orifice	G.P.H	G.P.H - No Orifice
CF6 ECO	6	¼"	Fem. Thread	160	12		160	
CF6 MK II	6	¼"	"	166	15		200	
CF15 ECO	15	½"	Male Thread	174	25		330	
CF15 MK II	15	½"	Fem. Thread	205	29		385	
CF20 ECO	20	¾"	Male Thread	192	50		660	
CF20 MK II	20	¾"	Fem. Thread	220	58		765	
CF25 ECO	25	1"	Male Thread	210	90		1190	
CF25 MK II	25	1"	Fem. Thread	270	112		1480	
CF32 ECO	32	1¼"	Male Thread	250	165		2180	
CF32 MK II	32	1¼"	Fem. Thread	325	215		2840	
CF40 ECO	40	1½"	Male Thread	274	260		3430	
CF 40 MK II	40	1½"	Fem. Thread	388	320		4225	
CF50 ECO	50	2"	Male Thread	297	380		5020	
CF50 MK II	50	2"	Fem. Thread	400	480		6340	
CF50 +	50	2"	Fem. Thread	400	600		7920	
CF65 MK II	65	2½"	Table E Flange	360	800	1100	10600	14500
CF75 MK II	80	3"	Table E Flange	416	1150	1450	15200	19100
CF100 MK II	100	4"	Table E Flange	440	1580	2000	20800	26400
CF125-150	150	6"	Table E Flange	500	2400	3200	31700	42200
CF150 MK II	150	6"	Table E Flange	558	3700	4800	48800	63400
CF200 MK II	200	8"	Table E Flange	685	6500	9400	85800	124000
CF250 MK II	250	10"	Table E Flange	720	10500	15300	138600	202000
SWP40 MK II	Swim Pool		Rubber	320	280		3700	
A/C 6	Evap Cooler		Push In	144	20		260	

A tolerance of plus 66% or minus 50% of nominal capacity is permissible on threaded units. On flanged units the tolerance is plus 66% or minus 33%. Headloss @ nominal capacity with orifice = 35kPa - 5PSI. The nominal capacity is increased when the orifice cone is not used. Headloss = 35kPa.

Useful Conversions : 100kPa = 14.5 PSI | 4.54 litres = 1 imp gallon | 3.78 litres = 1 US gallon | 1 lit/min = 13.2 imp gal/hr | 1 lit/min = 15.8 US gal/hr

Many sizes to choose from

The large range of sizes ensure a conditioner to suit most applications, Casings are screwed with BSP threads up to 50mm, larger units have Table E flanges.

We want you to be pleased with your conditioner because your satisfaction is our success.

Installation

The Care Free Water Conditioner is preferably fitted into the main line after the water meter of pump and before any tee junctions, whereby the whole system will benefit. It will operate at any angle and for easy access must be fitted with unions of flanged connections. Install according to instructions.

improving water naturally
carefree water conditioners
proudly Australian

PRODUCTS - MkII & ECO RANGE

Threaded ‘MkII’ Range

It is essential to size the Care-Free Water Conditioner according to flow rate, not pipe size.
Note: A tolerance balance of plus 66% or minus 50% of nominal capacity is permissible on MkII threaded units.

CF6 MkII

Flow rate: 15 lit/min
Thread: 1/2” female
Length: 166mm I Weight: 0.20 kg

CF15 MkII

Flow rate: 29 lit/min
Thread: 1/2” female
Length: 205mm I Weight: 0.30 kg

CF20 MkII

Flow rate: 58 lit/min
Thread: 3/4” female
Length: 220mm I Weight: 0.40 kg

CF25 MkII

Flow rate: 112 lit/min
Thread: 1” female
Length: 270mm I Weight: 0.80 kg

CF32 MkII

Flow rate: 215 lit/min
Thread: 1 1/4” female
Length: 325mm I Weight: 1.80 kg

CF40 MkII

Flow rate: 320 lit/min
Thread: 1 1/2” female
Length: 388mm I Weight: 3.10 kg

CF50 MkII

Flow rate: 480 lit/min
Thread: 2” female
Length: 400mm I Weight: 4.00 kg

CF50+ MkII

Flow rate: 600 lit/min
Thread: 2” female
Length: 400mm I Weight: 4.00 kg

Threaded ‘ECO’ Range

It is essential to size the Care-Free Water Conditioner according to flow rate, not pipe size.
Note: A tolerance balance of plus 66% or minus 50% of nominal capacity is permissible on ECO threaded units.

CF6 ECO

Flow rate: 12 lit/min
Thread: 1/4” female
Length: 160mm I Weight: 0.15 kg

CF20 ECO

Flow rate: 50 lit/min
Thread: 3/4” male
Length: 192mm I Weight: 0.45 kg

CF25 ECO

Flow rate: 90 lit/min
Thread: 1” male
Length: 210mm I Weight: 0.55 kg

CF32 ECO

Flow rate: 165 lit/min
Thread: 1 1/4” male
Length: 250mm I Weight: 0.95 kg

CF40 ECO

Flow rate: 260 lit/min
Thread: 1 1/2” male
Length: 274mm I Weight: 1.20 kg

CF50 ECO

Flow rate: 380 lit/min
Thread: 2” male
Length: 297mm I Weight: 1.95 kg

SWP40 MkII for Swimming Pools

Flow rate: 280 lit/min
Connection: 40/50mm rubber connections
Length: 320mm I Weight: 2.10 kg

AC6 for Evap. Coolers

Flow rate: 20 lit/min
Connection: Barbed push-in
Length: 144mm I Weight: 0.55 kg

Flanged ‘MkII’ Range

It is essential to size the Care-Free Water Conditioner according to flow rate, not pipe size.
Note: A tolerance balance of plus 66% or minus 33% of nominal capacity is permissible on MkII flanged units.

CF65 MkII

Flow rate with orifice: 800 lit/min
Flow rate without orifice: 1,100 lit/min
Flange: Table E
Length: 360mm
Weight: 9.0 kg

CF75 MkII

Flow rate with orifice: 1,150 lit/min
Flow rate without orifice: 1,450 lit/min
Flange: Table E
Length: 416mm
Weight: 12.0 kg

CF100 MkII

Flow rate with orifice: 1,580 lit/min
Flow rate without orifice: 2,000 lit/min
Flange: Table E
Length: 440mm
Weight: 16.0 kg

CF125-150 MkII

Flow rate with orifice: 2,400 lit/min
Flow rate without orifice: 3,200 lit/min
Flange: Table E
Length: 500mm
Weight: 30.0 kg

CF150 MkII

Flow rate with orifice: 3,700 lit/min
Flow rate without orifice: 4,800 lit/min
Flange: Table E
Length: 558mm
Weight: 38.0 kg

CF200 MkII

Flow rate with orifice: 6,500 lit/min
Flow rate without orifice: 9,400 lit/min
Flange: Table E
Length: 685mm
Weight: 66.0 kg

CF250 MkII

Flow rate with orifice: 10,500 lit/min
Flow rate without orifice: 15,300 lit/min
Flange: Table E
Length: 720mm
Weight: 102.0 kg

Earth Kits / Power Supply

It is essential to pair each Care-Free Water Conditioner with one of the below earth kits / power supplies.

Earth Kit - EK1

When installing into a copper or gal pipeline such as a water meter, EK1 can be used.

The magnesium rod will create an electrical current to the conditioner, provided the copper or gal water pipe is located underground.

Earth Kit - EK2

When installing into a PVC or poly line EK2 can be used.

The magnesium and copper rods act like a small battery and create an electrical current to the conditioner.

Battery Pak - EK3

The EK3 is preferably used for smaller conditioners only. It is water resistant but not waterproof.

The EK3 is powered by 2 "D" cell batteries and delivers 2mA.

Power Regulator - EK4

The EK4 can be installed in every application. It is water resistant but not waterproof.

The EK4 requires 240volt power and delivers 40mA.

Solar Solution in progress.

For more details:

Biju Thampy
+971 58 528 6456
biju@flourishintl.com
www.flourishintl.com