



e Clear

on Oxygen

Healthy Water. Healthy Earth. Healthy You.



organic



100%
natural



Worldwide patent-
2003/2934

Ionization- U.S. EPA
est. #59047-ga-001

U.S. EPA APPROVED

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Can you trust us?

eClear Technologies has been making eClear systems for over 20 years. We export to around 30 countries worldwide, with more than 25 000 installations globally. Including, hotels, schools, science institutes, universities, gyms, canning factories, royal palaces, luxury private residences, racehorse training pools, swim schools, baby spas, giant fountains, koi ponds, jacuzzis, etc

Some institutions who entrust us with their water sanitization needs are:

Yas Marina Hotel, Dubai
Emirates Palace Hotel, ABU Dhabi
Jumeirah Beach Hotel, UAE
Le Meridian Hotel, Dubai
Sports Science Institute of South Africa, CT
Parklands College Private School, CT
Stellenbosch University Training Pool
Savoy Resort and Spa, Seychelles
Dubai Marina Luxury Beach Resort, Dubai
The Table Bay Hotel, Cape Town
Virgin Active Health Club Steenberg
Various Private Palaces, Middle East
And many Swim Schools around the world

We are committed to service. You can Whatsapp or email us with questions anytime.

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Google Play

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WWW.ECLEARSA.TECHNICAL.COM
WWW.ECLEAR-WATER.COM



Why do you need eClear?

Most pools rely on chlorine or its close cousin bromine to provide strong disinfection. Chlorine is good for killing algae and mold as well as many waterborne bacteria that carry diseases.

But the powerful oxidizing chemical reacts with organic matter, leaves and dirt that land in outdoor pools, as well as the sweat, oils, lotions, saliva, and urine that people introduce. These form dozens of so-called disinfection byproducts, or DBPs, which can be toxic and can't be biologically degraded in the water. When pools are poorly maintained or badly ventilated, these chemicals can irritate the skin, eyes, respiratory tracts, and have much worse effects.

Scientists have known for some time that acute exposure to pure chlorine from swimming pool accidents resulting from improper mixing of chemicals or chemical leaks that lead to chlorine gas explosions can severely damage the lungs.

But during the last few years, more medical studies have linked DBP chemicals to asthma and respiratory problems such as lifeguard lung, or granulomatous pneumonitis

Many feel that salt water chlorinators are the answer, however a salt water chlorinator simply converts the salt in the water into chlorine, thus creating a chlorine production source directly in your pool. Along with all the same deadly side effects as when adding granular chlorine to the pool.



What does eClear have to offer?

eClear's natural pool oxygenator (O2) technology delivers over 40,000g oxidation/hr making it the most powerful water treatment system currently available for spa pool and heated pool applications. Yet, unlike chlorine or salt chlorinator systems, e-clear generates no harmful chloramine gas or toxic disinfection byproducts (DBPs) providing a guaranteed superior swimming experience without any red eyes, allergies and asthma.

For domestic swimming pools e-clear offers home owners hours of healthy chlorine free swimming, hassle-free pool maintenance and a water wise, eco-friendly alternative to chlorine and salt chlorination.

Fully automated, easy to operate and maintain, with no corrosion to your pool pump, pool filter or pool lining, e-clear provides huge savings in pool maintenance and annual pool costs.



How our System Works

Using an advanced electrolysis process the e-clear oxygenator technology generates powerful natural oxidizers, hydroxyl (OH), atomic oxygen (O1), hydrogen peroxide (H2O2) and oxygen (O2) from the water molecule itself.

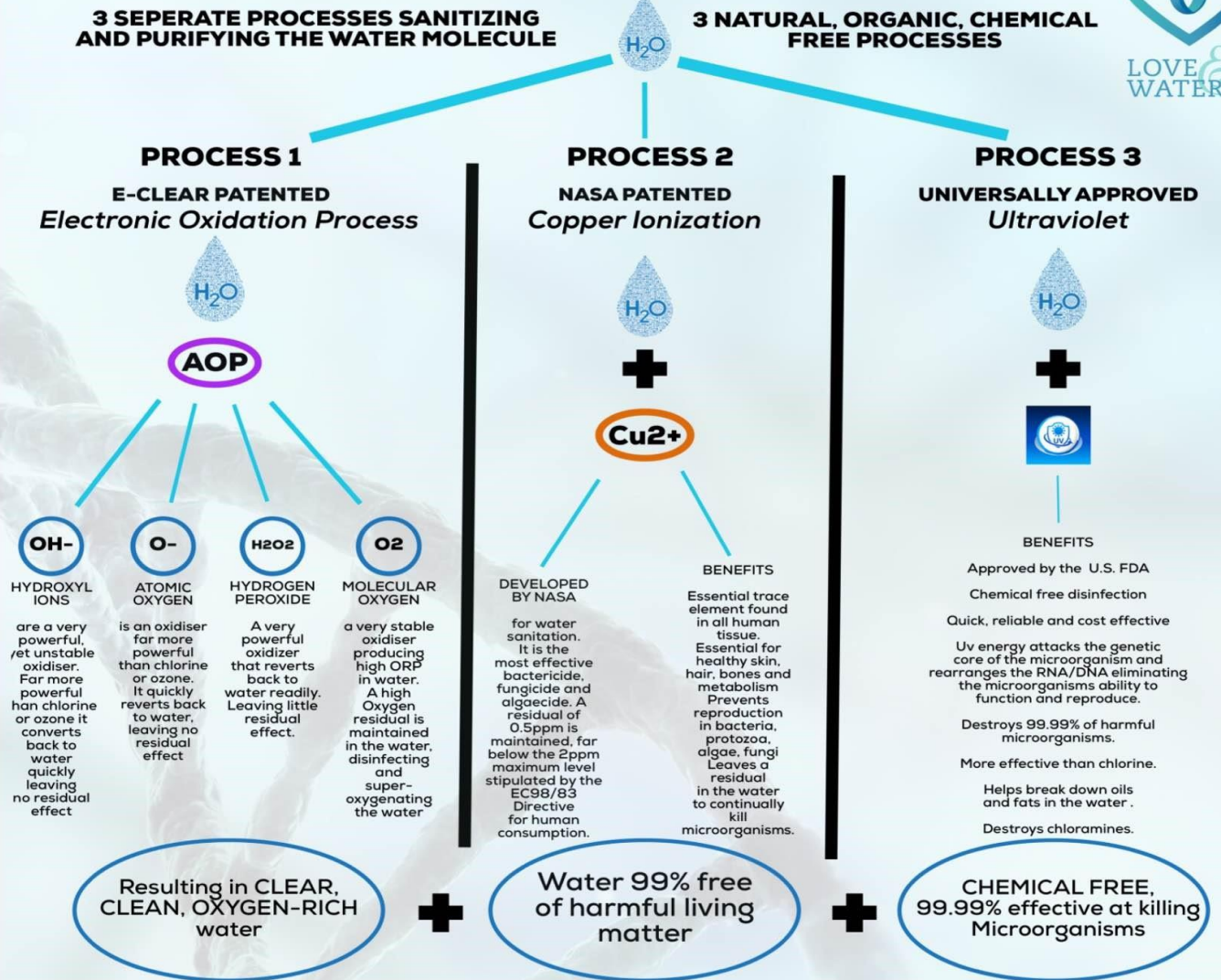
Dissolved oxygen in the pool is combined with copper ionization to provide a long lasting healthy and natural sanitizing residual in the water.

Since e-clear oxidizers are more powerful than chlorine or ozone and since e-clear produces a sanitizing residual in the water e-clear pools do not require chlorine or other sanitizing chemicals.

The unique feature of e-clear is that swimmers are only exposed to the healthy sanitizing residuals – dissolved O2 and the copper ionization, since OH, O1 and H2O2 are produced within a sealed chamber away from the swimmer.

The powerful oxidizers, OH, O1 and H2O2, combined with O2 and copper, effectively inactivates algae, viruses, bacteria, yeast, fungi, protozoa and pathogens

The e-Clear System in Action



Electronic Oxidation - Worldwide patent: 2003/2934

Ionization - U.S. Environmental Protection Agency EST. #59047-GA-001

Ultraviolet - U.S. Food and Drug Administration (FDA) Approved

What are the benefits?

NON TOXIC

- No carcinogenic DBP's or Trihalomethanes
- No poisonous Chloramine gas
- Virtually chemical free water , soft and ph neutral
- Water so clean and chemical free you can repurpose it during water restrictions or droughts

HEALTHY

- No more red burning eyes
- No more dry skin or damaged hair after swimming
- No more burning lungs
- Extremely beneficial for eczema sufferers
- Asthma sufferers
- No more Cancer risk



ECO-FRIENDLY

- NO chemicals entering the water system
- No salination of natural water ways
- Water wise. Backwash pool to your garden
- Your pets can safely drink your pool water

EASY TO MAINTAIN

- No need to test for and add chemicals weekly
- Hassle free- oxidation and Ionization automated
- Self cleaning Anodes

...and more...

COST SAVING

- Save on water
- Non-corrosive. Extends life of pool and equipment
- Save on cost of chemicals

Residential Swimming Pools

5 000 - 150 000L

MK7/CF1-75

FOR SWIMMING POOLS UP TO 75 000L

63MM ELECTRODES CHAMBER WITH 1 SET OF OXYGEN STACK ELECTRODES AND 1 SET OF COPPER IONIZATION ELECTRODES



DIGITAL CONTROLLER

OR



TOUCHSCREEN CONTROLLER

MK7/CF1-150

FOR SWIMMING POOLS UP TO 150 000L

90MM ELECTRODES CHAMBER WITH 1 SET OF OXYGEN STACK ELECTRODES AND 1 SET OF COPPER IONIZATION ELECTRODES



DIGITAL CONTROLLER

OR



TOUCHSCREEN CONTROLLER

MK7/CF1-75UV

63MM ELECTRODES CHAMBER WITH 1 SET OF OXYGEN STACK ELECTRODE AND 1 SET OF COPPER IONIZATION ELECTRODES

63MM 316 STAINLESS STEEL UV CHAMBER WITH 1 X 55 WATT HIGH SPECTROTHERM UVC LAMP



DIGITAL CONTROLLER



OPTIONAL TOUCHSCREEN CONTROLLER

FOR POOLS UP TO 75 000L

MK7/CF1-150UV

90MM ELECTRODE CHAMBERS WITH 1 SET OF OXYGEN STACK ELECTRODES AND 1 SET OF COPPER IONIZATION ELECTRODES

110MM 316 STAINLESS STEEL UV CHAMBER WITH 2 X 55WATT HIGH SPECTROTHERM UVC LAMPS



DIGITAL CONTROLLER



OPTIONAL TOUCHSCREEN CONTROLLER

FOR POOLS UP TO 150 000L

Commercial Swimming Pools

160 000 - 500 000L

MK7/CF1-250

3 X 90MM OXYGEN STACK ELECTRODE CHAMBERS
1 X 90MM DOUBLE COPPER IONIZATION ELECTRODE CHAMBER



MK7/CF1-250UV

1 X160MM 316 STAINLESS STEEL UV CHAMBER
CONTAINING 4 X SSW HIGH SPECTROTHERM UVC LAMPS
3 X 90MM OXYGEN STACK ELECTRODES CHAMBERS
1 X 90MM DOUBLE COPPER IONIZATION ELECTRODE CHAMBER



MK7/CF1-500

6 X 90MM OXYGEN STACK ELECTRODE CHAMBERS
2 X 90MM DOUBLE COPPER IONIZATION ELECTRODE CHAMBERS



MK7/CF1-500UV

2 X160MM 316 STAINLESS STEEL UV CHAMBER
CONTAINING 8 X SSW HIGH SPECTROTHERM UVC LAMPS
6 X 90MM OXYGEN STACK ELECTRODES CHAMBERS
2 X 90MM DOUBLE COPPER IONIZATION ELECTRODE CHAMBER



MK7/CF1-750

9 X 90MM OXYGEN STACK ELECTRODE CHAMBERS

3 X 90MM DOUBLE COPPER IONIZATION ELECTRODE CHAMBERS



OPTIONAL TOUCHSCREEN CONTROLLERS



DIGITAL CONTROLLERS



FOR POOLS UP TO 750 000L



MK7/CF1-750UV

3 X 160MM 316 STAINLESS STEEL UV CHAMBERS WITH 12 X 55 WATT HIGH SPECTROTHERM UVC LAMPS

9 X 90MM OXYGEN STACK ELECTRODES CHAMBERS

3 X 90MM DOUBLE COPPER IONIZATION ELECTRODE CHAMBERS



OPTIONAL TOUCHSCREEN CONTROLLERS



FOR POOLS UP TO 750 000L

Commercial Swimming Pools

760 000 - 1 million Litres +

MK7/CF1-1000



DIGITAL CONTROLLERS

12 X 90MM OXYGEN STACK ELECTRODES CHAMBERS

4 X 90MM DOUBLE COPPER IONIZATION ELECTRODES CHAMBERS

FOR POOLS UP TO 1 MILLION LITRES



OPTIONAL TOUCHSCREEN CONTROLLERS

MK7/CF1-1000UV

4 X 160MM 316 STAINLESS STEEL UV CHAMBERS WITH 16 X 55 WATT HIGH SPECTROTHERM UVC LAMPS

12 X 90MM OXYGEN STACK ELECTRODES CHAMBERS

4 X 90MM DOUBLE COPPER IONIZATION ELECTRODE CHAMBERS



DIGITAL CONTROLLERS

DIGITAL CONTROLLERS

FOR POOLS UP TO 1 MILLION LITRES

OPTIONAL TOUCHSCREEN CONTROLLERS

eClear Enhancement Products

ECLEAR AUTO PH DOSER

UP TO 10L/H OF ACID.
FOR POOLS UP TO 1 MILLION LITRES

FULLY AUTOMATED SENSING
AND INJECTION



ECLEAR OXYGEN BOOSTER AND pH STABILIZER

63MM / 50MM INLINE INSTALLATION



BOOSTS DISSOLVED OXYGEN LEVELS
ASSISTS IN LOWERING pH LEVELS

ECLEAR AUTO ORP DOSER

UP TO 10L/H OF CHLORINE
OR HYDROGEN PEROXIDE.
FOR POOLS UP TO 1 MILLION LITRES

FULLY AUTOMATED SENSING
AND INJECTION



eClear Drinking Water Systems

"The wars of the future will be fought over blue gold."

A report from the office of the US Director of National Intelligence said the risk of global conflict over water would grow as water demand is set to outstrip sustainable current supplies by 40 per cent by 2030.

"Water scarcity is an issue exacerbated by demographic pressures, climate change and pollution," said Ignacio Saiz, director of Centre for Economic and Social Rights.

"People have the right to expect access to a basic life resource like water by virtue of being human, regardless of the social situation they are born into," Saiz said. "Alongside the worrying development of water scarcity, I am hopeful that we will see increasing struggles to see access to water as a right, and not a privilege!"

www.eclear-water.com

eClear One-Tap System:

Our One-Tap drinking water system is an under counter, fully integrated drinking water filter and sanitization system for a single tap in your kitchen. The eClear One-Tap system delivers class leading performance and the best value for money solution on the market today.

eClear Eco-Fusion System:

The eClear Eco-Fusion Whole House Drinking water system, incorporates the worldwide patented eClear Organic Water Sanitizer. There is no more complete system available to clean the mains water to your entire home, delivering class leading performance and value for money.

eClear Eco-Fusion Rainwater Harvesting Kit:

The System incorporates everything necessary, as a kit, to fully harvest all the rainwater from your home's roof, then sanitize it and deliver high pressure, fully purified Drinking water to your entire home, no matter how large.

Water is a necessity. However it isn't guaranteed anymore. Take control of your water needs, don't rely on anyone else to do so. The eClear Eco-Fusion Rainwater Harvesting system does just that.

eClear One-Tap™ Undercounter Drinking Water System



ECLEAR® ONE-TAP™ UNDERCOUNTER ULTRAVIOLET DRINKING WATER SYSTEM

16 WATT
ULTRAVIOLET



10 INCH
5 MICRON
FILTER

10 INCH
CARBON
BLOCK
FILTER

SUPER LONG LIFE UV LAMP, 5 MICRON AND CARBON FILTER
SUPER COMPACT, SIMPLE DESIGN

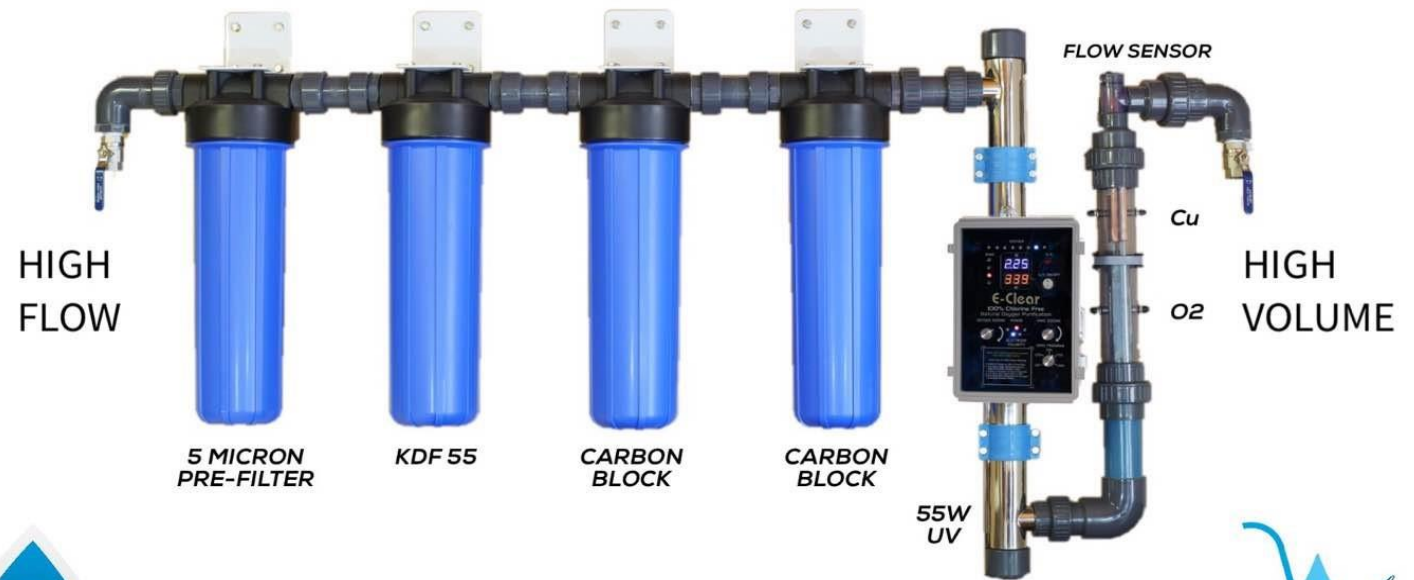


Our One-Tap drinking water system is an under counter, fully integrated drinking water filter and sanitization system for a single tap in your kitchen. It features super high flow Big Blue filter housings and filters that are good for up to 50 000L or 2 years maximum depending on source Water quality. The integrated Ultraviolet lamp is rated to 10 000 hours or 2 years max.

The One-Tap System is guaranteed to deliver perfectly safe drinking water, free of bacteria, cysts, Protozoa, viruses, cryptosporidium, chlorine, 99.9% of municipal chemicals and hard metals. No other undercounted drinking water filter system offers higher water flow or longer filter lifespan. No other undercounted drinking water filter system offers a fully integrated Ultraviolet sanitizer as standard.

The eClear One-Tap system delivers class leading performance and the best value for money solution for your household drinking water. There is simply no competition!

eClear Eco-Fusion™ Whole House Drinking Water System



**FILTERS, PURIFIES AND SANITIZES
ALL THE WATER ENTERING YOUR PROPERTY**



The eClear Eco-Fusion Whole House Drinking water system, incorporates the worldwide patented eClear Organic Water Sanitizer. Sold in over 70 countries globally. Trusted for 23 years to deliver chemical free water sanitization and purification. The Eco-Fusion delivers super high flow, high volume, sparkling clean water for your entire property, from toilet to kitchen, shower, garden, washing machine and of course drinking water.

Filters rated up to 400 000L or 1 year depending on source water quality. There is no, more complete system available to clean the mains water to your entire home, delivering class leading performance and value for money. 24 000 installations in 70 countries is all the proof you need!

eClear RainWater Harvesting Kit

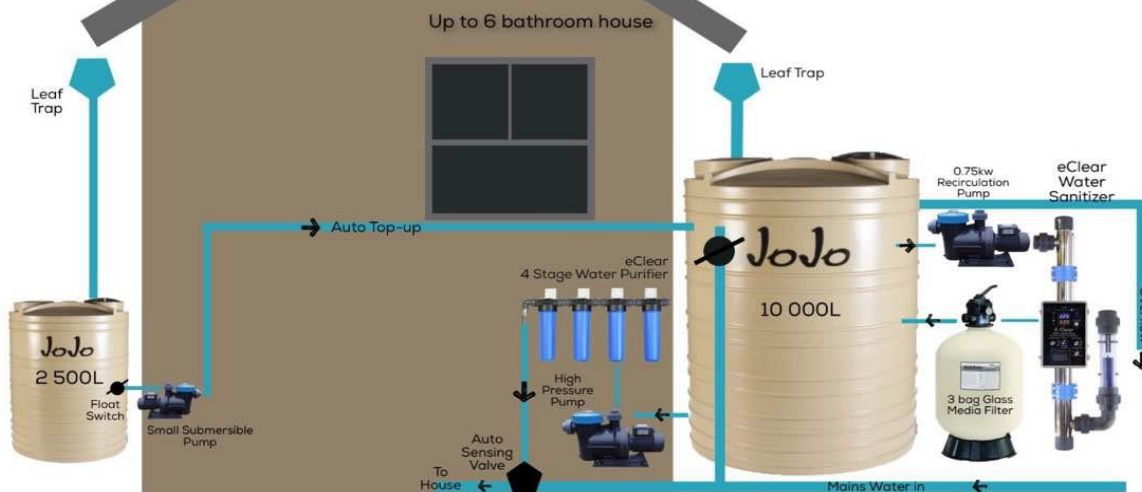
The wars of the next 20 years will be fought over water. Fact. Many countries face water shortages and water throttling, including South Africa, starting in 2016.

An average house roof in South Africa catches and WASTES around 120 000L of rainwater per year. About half of a large families' annual consumption (250 000L). Besides saving money, when the water goes off in your neighborhood, you can have uninterrupted, full pressure, drinking water at every tap in your home. You won't even know the municipal water is switched off!

Did you know



eClear ECO-FUSION Whole House Rainwater Harvesting Drinking Water System Twin Pitch Collection



eClear ECO-FUSION Whole House Rainwater Harvesting Drinking Water System Single Pitch Collection



The eClear Eco-Fusion Rainwater Harvesting System incorporates everything necessary, as a kit, to fully harvest all the rainwater from your home's roof, then sanitize it and deliver high pressure, fully purified Drinking water to your entire home, no matter how large.

It is made up of the 7 stage Eco-Fusion water sanitization purification system, along with a 10 000L storage tank and an optional extra 5 000L storage tank, as well as all the necessary pumps, pipes and valves. You also have the option of filling up the tank with municipal water during the non rainy season in case of water throttling.

The recirculation system incorporating the patented eClear technology will keep your water clean by only having to run the recirculation pump about 1-2 hours a day. Water is a necessity. However it isn't guaranteed anymore. Take control of your water needs, don't rely on anyone else to do so. The eClear Eco-Fusion Rainwater Harvesting system does just that.

eClear Koi

For Freshwater Fish Systems,
Hatcheries and Koi Ponds
Up to 75 000L

50mm in/out



55w Ultraviolet
Oxygen Stack Electrodes

Kills suspended matter,
Including Bacteria, Protozoa, Pathogens,
Viruses, Ecoli, Cryptosporidium etc

Super Oxygenates the water,
raising the Dissolved Oxygen content
dramatically.
Thereby promoting a healthy
Oxygenated Environment for fish growth



Extras



POLYSHEEN BLUE
Highly concentrated water
Clarifier and Flocculant.
To make cloudy water sparkle



- 100% recycled media
- Crystal clear water clarity
- Saves water
- Made in South Africa



ECOCLEAR
100% Recycled glass media
for sand filters.
Crystal clear water clarity



OXYCLEAR
Non-chlorine, non-hydrogen
peroxide, foodgrade shock to assist
the eClear system during occasional
heavy load pollution. Highly
concentrated, cost effective and
safe. 50 grams per 10 000L



**ECLEAR OXYGEN BOOSTER
AND PH STABILIZER**
Boosts dissolved oxygen
content in eClear pools,
thereby increasing the
efficiency of the eClear system.

Spares



Oxygen Stack
Electrodes 90mm or
63mm



Copper Electrodes
90mm or 63mm



UVC Lamp 55W or 16W



**BIG BLUE
FILTER
HOUSING**
20INCH OR
10 INCH



**CARBON
BLOCK
FILTER**
20 INCH
OR
10 INCH



**5 MICRON
FILTER**
20 INCH OR
10 INCH

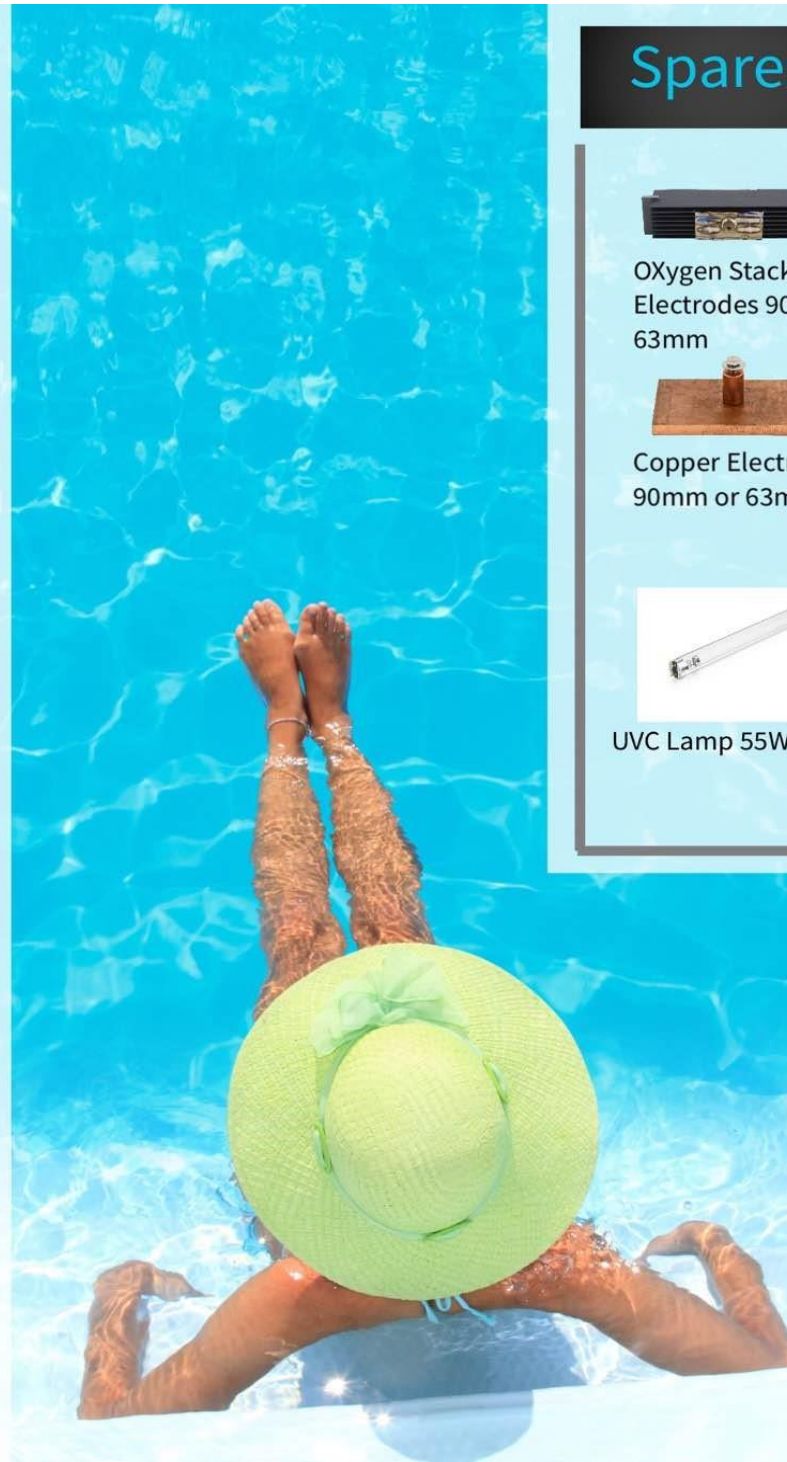
Test Kits



**ALKALINITY AND CALCIUM
TEST KIT**



COPPER TEST KIT





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Drinking Water Website: www.eclear-water.com

Technical Website: www.eclear.technical.com

iOS App:



*Available on the
App Store*

Android App:



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