



# ZODIAC

## The World's Most Technologically Advanced Pool Sanitising and Purifying System.

### DuoClear™

Pure, Clear, Natural.



- Advanced water sanitising and purification system
- Superior water quality
- Self-cleaning electrode
- Advanced electrode for maximum sanitation
- Fully automatic for uncomplicated operation
- Reduces time spent on maintenance and manual cleaning
- Easy “set and forget” operation
- Super chlorinate function
- Lower chlorine levels help keep pool pH balance
- Battery back up

# The Ultimate Sanitising and Purifying system

## ① Effective Release of Minerals for Advanced Purification:

Minute amounts of copper and silver are dissolved into the water, which reacts with chlorine to destroy bacteria and algae to sanitise and purify pool water.

## ② Advanced Electrode Technology:

Uses Clearwater technology to reduce calcium build up and ensures effective sanitation of pool water by reverse polarity every 5.8 hours. This is dependent upon water conditions.



## ③ Innovative Vessel Design:

Is made of high-tech resins, which ensures years of performance. The innovative design allows easy access to check and replace cartridge or electrode.

## ④ New Plate Technology:

Incorporates new electrode plate technology which ensures greater cell efficiency and performance.

## DuoClear Technology: How it Works

Zodiac is pioneering a new phase of product development in the pool care market. Responding to growing consumer demand for improved water quality, Zodiac has used its technological and R&D expertise to develop DuoClear. In a world first, Zodiac has been able to combine Clearwater and Nature<sup>2</sup> technology, creating amazingly pure and brilliantly crystal clear water.

DuoClear, a mineral sanitising and purifying system, automatically produces low levels of chlorine necessary to destroy bacteria build up and algae. By combining Clearwater technology, DuoClear produces its own chlorine from a minute amount of salt. As part of the

daily filtration cycle, the pool water is passed through the DuoClear system, the Nature<sup>2</sup> cartridge releases copper and silver consistently into the water during the life of the cartridge and in conjunction with 1ppm of chlorine, kills effectively harmful bacteria, dangerous pathogens and algae. (1) The electrodes in the salt water chlorination cell produce chlorine which is injected into the water flowing through the DuoClear vessel in the pool. It assures you of complete peace of mind and gives you more time to enjoy your pool.

(1) Stabilised indoor pools should use chlorine to the manufacturer's directions.

# Easy operation to make your pool water look and feel great



## ① Clock and Timer Setting:

To automatically set the operating times/days of the total pool system.

## ② Chlorine Output:

Controls the amount of chlorine being produced.

## ③ Chlorine Output Lights:

Staged indicator lights show level of chlorine output.

## ④ Super Chlorinate Indicator:

A green light will indicate when the super chlorinate function is working.

## ⑤ Add Salt Light:

Indicates the need to add more salt to pool water.

## ⑥ No Flow Light:

Will come on if there is insufficient water flow in the electrode, usually caused by the pump not running or a blockage.

## ⑦ Cartridge Indicator Lights:

A series of 4 lights indicate the progressive life of the DuoClear Cartridge. Flashing red light indicates the Cartridge needs to be replaced.

## ⑧ Super Chlorinate Button:

Increases chlorine levels in periods of heavy pool use, extreme temperatures or high rainfall.

## ⑨ Manual On/Off Button:

Switches the DuoClear and filtration system on and off.

## ⑩ Nature<sup>2</sup> Reset Button:

Only used at original start up or replacement of the DuoClear Nature<sup>2</sup> cartridge.

## Backup Battery:

It is fitted with a long life rechargeable battery. If the power is removed, it will retain the output power settings, Super Chlorinate settings, and the mineral sanitiser indicator settings.

## Why Purified Water is the Healthier Alternative:

Pure, soft, crystal clear and clean water – we can't live without it! A purified and sanitised, impurity free pool will offer you the most pleasurable swimming experience that is revitalising, therapeutic and healthier because there is less exposure to harsh and irritating chemicals and other impurities that maybe absorbed through or damage skin.

Purified pool water also significantly increases your swimming pool enjoyment by reducing the potential for

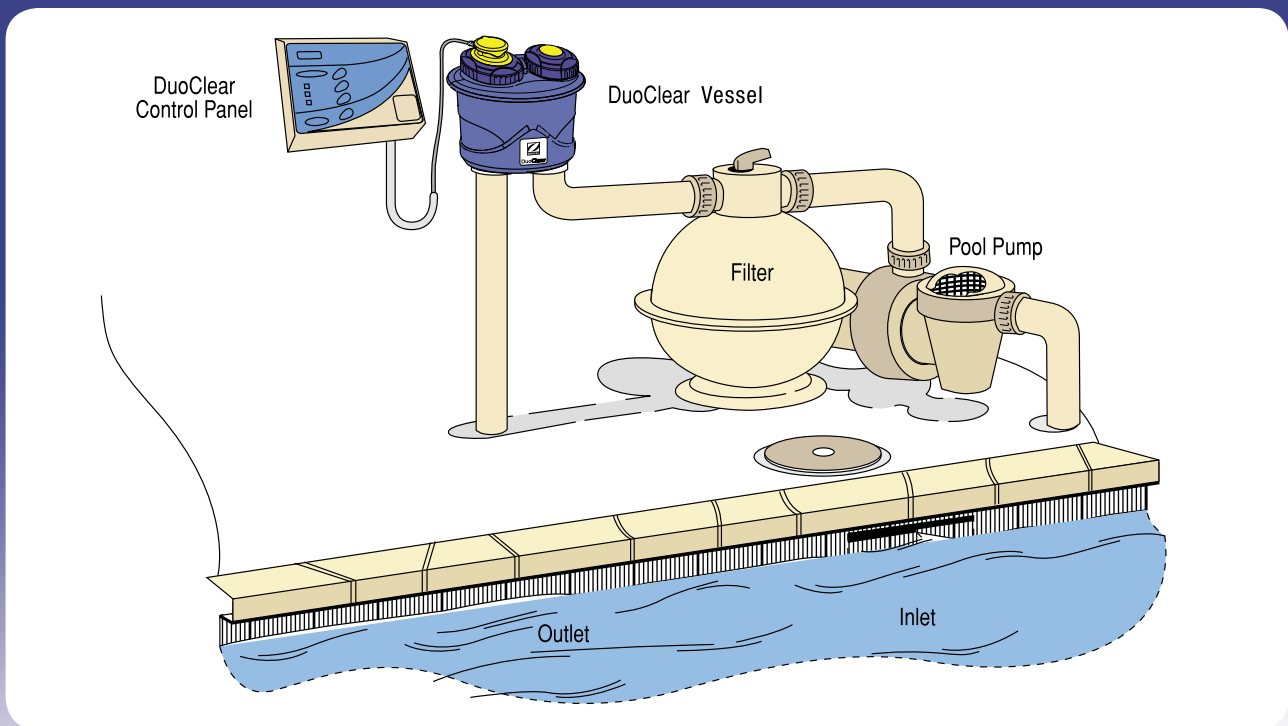
red eyes, skin irritation and unpleasant odours. Purified water adds sparkle and lustre to your pool water and provides you and your family with a safer, healthier and fresh alternative.

The combination of Nature<sup>2</sup> minerals and chlorine produced by DuoClear have no adverse affect on health and will leave your skin and hair feeling luxurious and pampered. DuoClear is simply the best choice for you and your family.

## Special Life Time Electrode Warranty:

Zodiac's warranty terms state that it will replace an electrode free, when it needs replacing, for the lifetime of the DuoClear system, providing that the Nature<sup>2</sup> cartridge is replaced regularly every 6 months. Otherwise the standard 3 year electrode warranty will apply (12 months full warranty followed by a further 24 months Pro-rata Warranty).

# DuoClear Installation



## DuoClear Specifications

<b>Models:</b>	D15 – 60,000L / D25 – 100,000L	<b>Power Requirements:</b>	240V
<b>Minimum Flow Rate:</b>	50 litres/minute	<b>Vessel Dimensions:</b>	155mm (L) x 285mm (W) x 280mm (H)
<b>Maximum Water Temperature through Electrode:</b>	40 degrees	<b>Power Pack Dimensions:</b>	280mm (L) x 90mm (W) x 260mm (H)
<b>Salt Level:</b>	4,000ppm @ 27 degrees	<b>Electrode Warranty:</b>	Life Time (with conditions) or 3 yrs (12 month full, 24 months pro-rata)
<b>Maximum Salt Level:</b>	13,000ppm	<b>Power Pack Warranty:</b>	2 years
<b>Free Chlorine:</b>	1ppm (1)		
<b>Maximum Operating Pressure:</b>	60psi		

## Sizing Chart

Description	Capacity Cool Climate 6000	Capacity Temperate Climate 4000	Capacity Hot Climate 3000
DuoClear DC 15	90,000	60,000	45,000
DuoClear DC 25	150,000	100,000	75,000

## Zodiac, Mastering the Elements.

Renowned worldwide for quality and reliability of its products in the aeronautical and marine sectors, Zodiac has brought its expertise to swimming pools, to bring you a full range of pools, automatic pool cleaners and water treatment systems.

Backed by Clearwater and Nature<sup>2</sup> technology, expertise and experience, Zodiac brings you the reassurance of top quality equipment in terms of both design and performance. A real guarantee of efficiency and peace of mind!

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Zodiac follows a process of continual product improvement; colours and specifications may change without notice. Clearwater and Nature<sup>2</sup> is a registered trademark of Zodiac Group Australia Pty Ltd. Duo clear is a registered with the APVMA. When using the DuoClear system, you need to add chlorine as per the Australian Standard AS 3633.1989 for your type of pool.

(1) Stabilised and indoor pools should use chlorine to the manufacturers directions