

**WATERCO**  
water, the liquid of life



**W DIGICHLOR**  
MINERAL CHLORINATOR

**Ready to swim all year round**

# **DIGICHLOR** MINERAL CHLORINATOR

Waterco's new, energy efficient Digichlor chlorinates your pool, making it healthy, crystal clear, and ready to swim all year-round. In fact, a Mineral / salt water chlorinated pool requires considerably less attention than a standard chlorinated pool.

- Energy saving, intelligent, power pack
- Self-cleaning chlorinator cell
- In-built salt and flow protection
- Easy-to-use timer with battery backup
- Suitable for both Mineral Crystal and salt chlorination

Digichlor can work with a standard salt pool, but our engineers didn't stop there. They specially designed it to work in synergy with Waterco's Mineral Crystals to transform your pool into a therapeutic oasis.

## **Magnesium enriched water**

Adding Waterco's Mineral Crystals to pool water enables you to experience the health benefits of bathing in magnesium enriched water. Magnesium has been recognised by medical professionals and consumers all over the world for its ability to alleviate a variety of ailments relating to the skin, muscles, and nervous system.

## **Mineral Crystals**

Mineral Crystals not only improves your pool water with a blend of naturally occurring minerals, but also moisturises your skin as you swim. In fact the common effects associated with swimming in a chlorinated pool, including red eyes and dry skin, are significantly relieved with Mineral Crystals. Its gentle formulation that has little to no taste and can be used in any type of pool.



  
SAVE TIME, WATER AND ENERGY.



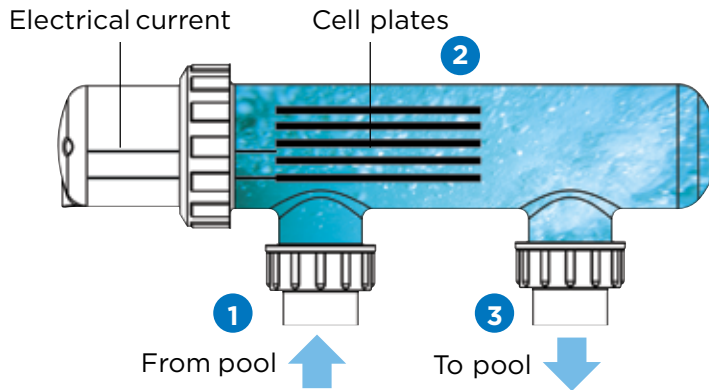


A healthy swimming  
experience



# Chlorination

The main function of the Digichlor Mineral Chlorinator is to produce chlorine to sanitise the pool water. Pool water, which contains dissolved Mineral Crystals / pool salt passes over Digichlor's chlorinator cell. This in turn splits the salt into its basic components, one being chlorine.



1. Pool water containing Mineral Crystals / pool salt.
2. Mineral Crystals / pool salt split into basic components, one of them chlorine gas.
3. Chlorine gas dissolves in pool water, residual level keeps the water sanitised and safe for the swimmer.

**“ A Mineral / salt water chlorinated pool requires much less attention than a chlorinated pool ”**



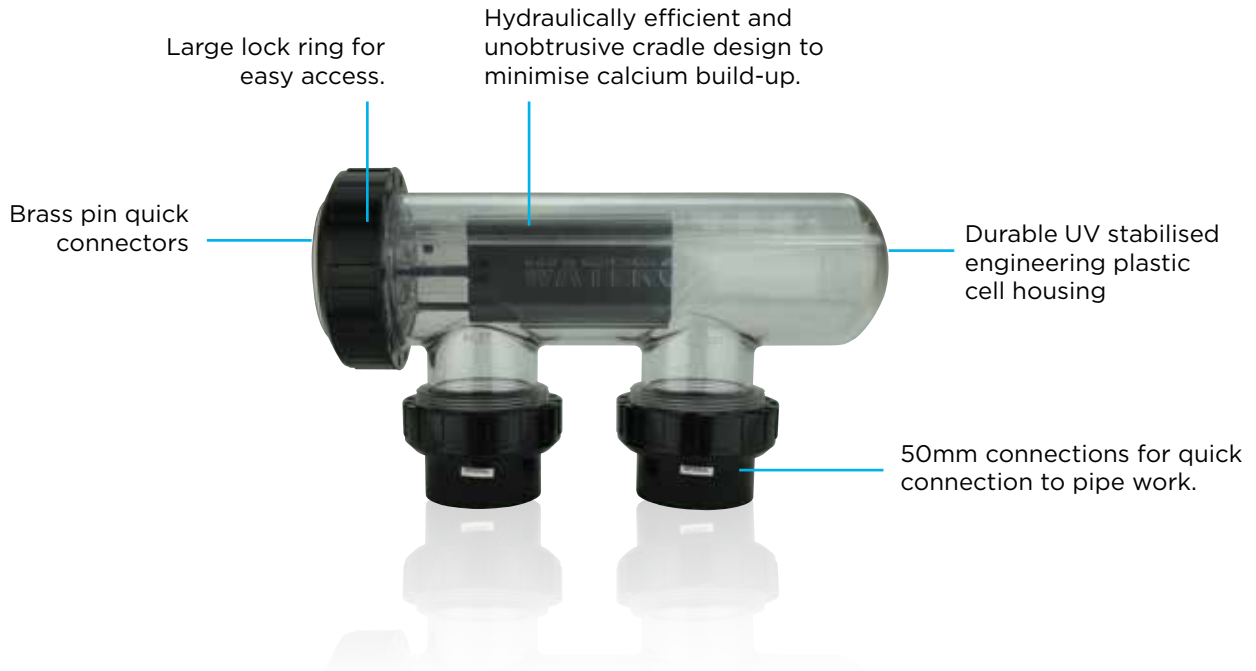
# Energy Saving, Intelligent, Power Pack.

The Digichlor Mineral Chlorinator includes an energy saving, intelligent power pack that makes it easy to keep your pool sanitised and healthy to swim in.



# Self-Cleaning Chlorinator Cell

Digichlor's new self-cleaning chlorinator cell features a serial parallel design that enhances chlorine production, whilst requiring less energy.





# DIGICHLOR

## MINERAL CHLORINATOR



### Energy Saving

Digichlor uses the latest Switch Mode Power Technology to increase energy efficiency by over 50%, significantly reducing power consumption. Digichlor draws less current and this translates to high power conversion and less energy wastage, without compromising chlorine output.



### Intelligent

Digichlor's Power Pack intelligently recognises the size of the connected chlorinator cell and automatically adjusts its power output to suit.



### Salt Level Protection

An alarm indicates when salt levels in the pool water too high or too low. If the pool is running beyond the maximum recommended salt level, the chlorinator will limit its output to protect the chlorinator cell.



### Easy-to-use Timer With Battery Backup

Digichlor includes an in-built easy to use timer equipped with battery backup, which will maintain settings for up to 150 hours.



### Automated Self-Cleaning

Digichlor's self-cleaning chlorinator cell has the added ability to reverse its polarity and automatically clean calcium build-up off its electrodes.



### No Flow Detection

If no water flow is detected in the chlorinator cell, Digichlor automatically switches off the chlorine production to protect the chlorinator cell, and activates the No Flow LED indicator.





## Adding Mineral Crystals to the Pool

Allow the pool to reach a salt level of 4,000 ppm, then add the recommended amount of Mineral Crystals as per table below.

| Starting with 4,000 ppm of Pool Salt |        |        |        |        |        |        |         |
|--------------------------------------|--------|--------|--------|--------|--------|--------|---------|
| Pool Size (L)                        | 10,000 | 20,000 | 30,000 | 40,000 | 50,000 | 80,000 | 100,000 |
| Add Mineral Crystals (kg)            | 25     | 50     | 75     | 100    | 125    | 200    | 250     |

| Targets               |       |       |       |       |       |       |       |
|-----------------------|-------|-------|-------|-------|-------|-------|-------|
| Pool Salt Level (ppm) | 4,000 | 4,000 | 4,000 | 4,000 | 4,000 | 4,000 | 4,000 |
| Mineral (ppm)         | 1,200 | 1,200 | 1,200 | 1,200 | 1,200 | 1,200 | 1,200 |

## Salinity Level – Operation:

| TDS Levels (ppm) |                 |                 |
|------------------|-----------------|-----------------|
| Minimum = 4,000  | Optimum = 5,500 | Maximum = 6,000 |

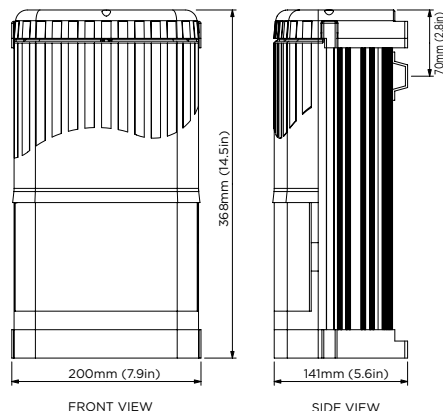
Note: Low salinity level will reduce the life of the chlorinator cell and lead to low chlorine production

## Three Year Warranty:

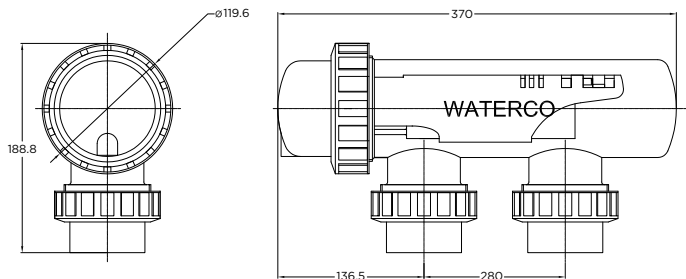
| Digichlor                |  | 3 years |
|--------------------------|--|---------|
| Chlorinator cell         |  | 3 years |
| Power pack               |  | 3 years |
| Commercial Installations |  | 1 year  |

\*Please refer to Waterco’s Warranty terms and conditions.

## Power Pack Dimensions



## Chlorinator Cell Dimensions



## Technical Specifications

| Model          | Chlorine Production (g/hr) | Max Pool Capacity (L) Climate |          |
|----------------|----------------------------|-------------------------------|----------|
|                |                            | Temperate                     | Tropical |
| Digichlor 2000 | 20                         | 60,000                        | 48,000   |
| Digichlor 2500 | 25                         | 80,000                        | 60,000   |
| Digichlor 3000 | 30                         | 100,000                       | 72,000   |

|                                        | 2000                 | 2500                 | 3000                 |
|----------------------------------------|----------------------|----------------------|----------------------|
| Primary Input (Volts) / Frequency (Hz) | 220-240V AC; 50/60Hz | 220-240V AC; 50/60Hz | 220-240V AC; 50/60Hz |
| Input Power (W)                        | 105                  | 115                  | 130                  |
| Output Current (A)                     | 4.0 (DC)             | 4.0 (DC)             | 4.0 (DC)             |
| Maximum Total Current (A)              | 10                   | 10                   | 10                   |
| Pump Outlet Maximum (A)                | 10                   | 10                   | 10                   |
| Cell Voltage (V)                       | 20                   | 20                   | 20                   |
| Degree of Protection                   | IP23                 | IP23                 | IP23                 |

These chlorinators are approved and conform to AS3136 Swimming Pool Equipment, as a prescribed article under Australian Registration. These Chlorinators conform to the Australian Electromagnetic Compatibility Standard marked by the C-tick.



Waterco pioneers reliable solutions for healthy, safe water environments, which are used in residential, commercial and industrial applications in over 40 countries.

Established in 1981, it has since become a global brand recognised for designing and manufacturing filtration and sanitisation innovations for the swimming pool, spa, aquaculture, and water purification sectors.

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