



WATERCO

Hydrochlor MK3 Mineral Chlorinator

Incorporating the latest advances in water treatment, Waterco hydrochlor mineral chlorinator maintains the chlorine level of your pool and eliminates problems associated with periods of high and low chlorine levels.

A mineral chlorinated pool requires much less attention than a chlorine pool. A saltwater pool provides a more comfortable swimming environment. Saltwater feels better and is less irritating to the body than standard chlorinated water.

Pool Sanitation

Indoor and outdoor pools are contaminated by a number of human-borne and airborne contaminants, which can come from a variety of sources. These include: sweat, bathing oils/cosmetics, bacteria and other atmospheric pollutants. For this reason, any treatment process must deal with a diverse number and kind of elements which vary over time based on the time of day and in the case of outdoor pools, the local atmospheric conditions.

Chlorine is one of the most effective treatments to make water potable or safe to drink. Chlorine's powerful disinfectant qualities come from its ability to bond with and destroy the outer surfaces of bacteria and viruses. Chlorination is one of the most widely used methods to safeguard drinking water supplies.





Hydrochlor MK3 Mineral Chlorinator Power Pack

The Power Pack monitors and controls chlorine production by regulating the amount of electrical energy supplied to the salt cell.

Product Information

The Hydrochlor is plumbed directly in-line with the pool equipment, after the heater. Hydrochlor consists of a power pack (to supply power to the cell) and a Salt Cell (where chlorine is produced).

Energy Saving

During the winter months the chlorine demand decreases. By selecting the Winter mode, the operation hours of Hydrochlor is halved to save energy during winter months.

Pump Protection

If no water flow is detected in the salt cell, Hydrochlor automatically switches off the pump to prevent any damage to the pump and pool equipment. The NO WATER FLOW LED Indicator will start blinking on the panel to alert the pool owner until the fault is rectified.

Features

1. Weather-proof housing.
2. Easy-to-read timer with battery backup.
3. Chlorine production can be adjusted to reflect different seasonal requirements.
4. Pump protection/no water flow LED indicator.





Salt Cell

The Hydrochlor's salt cell consists of a series of titanium electrodes with opposite charges. Hydrochlor's clear salt cell housing allows visual inspection of the salt cell plates and enables monitoring of chlorine production.

Product Information

The cell housing is constructed using clear UV stabilised acrylic. Both anode and cathode of the self-clean chlorinator are made from uniquely coated titanium plates for extra durability.

Low Maintenance – Self Clean

Hydrochlor Self Clean Salt Cell has the added ability to reverse the polarity of the voltage to clean calcium buildup off its electrodes. Brass pin connections – utilising quick connectors for quick simple removal of the cell.

Salts Level – Operation

Once a Hydrochlor is installed and the desirable salt level is achieved (see below), salt only needs to be added occasionally to replace any water loss e.g. splash out, evaporation, backwashing.

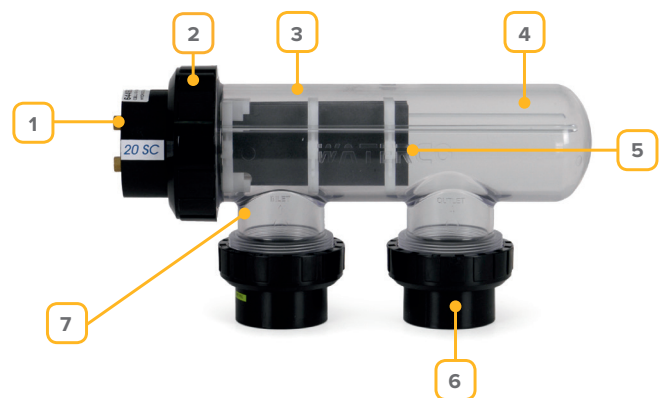
salt levels

- Minimum: 4000 ppm
- Optimum: 5500 ppm
- Maximum: 6000 ppm

Note: Low salt level will lead to low chlorine production.

Features

1. Brass pin quick connections.
2. Large lock ring for heavy access.
3. Unobtrusive cradle design to minimise calcium build-up.
4. Durable UV stabilised engineering plastic cell housing with a maximum working pressure of 4 bars.
5. Titanium Electrolytic Cell - the cell's large surface area enables it to operate under salt conditions.
6. 2"/63mm connections for quick connection to pipe work.
7. Hydraulically efficient design.



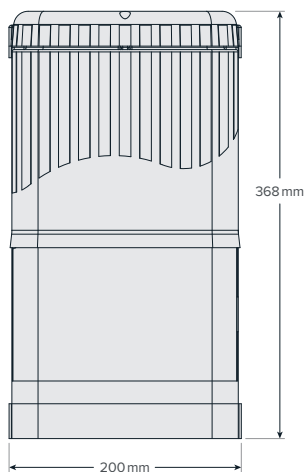
Technical Specifications and Dimensions

Code	21 97 671 420	21 97 671 430
Model	Hydrochlor 20A	Hydrochlor 30A
Input watt (maximum)	105W	130W
Output current DC (maximum)	20A	30A
Chlorine production	20 g/hr	30 g/hr
Maximum pool capacity	60 m ³ /60,000 L	100 m ³ /100,000 L
Primary input	220–240 V	220–240 V
Frequency	50–60 Hz	50–60 Hz
Input power	105W	130W
Maximum total current	10A	10A
Cell voltage	21V	21V

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.

Power Pack

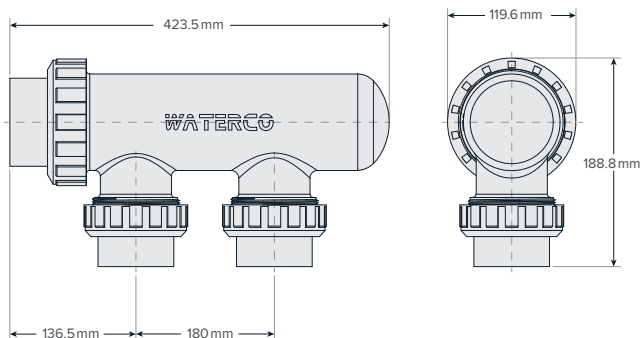
Front View



Side View



Self Clean Cell



Warranty

A two year warranty applies to this product. Should anything not function as intended, simply contact us at Golden Coast. We will be happy to help you.

Further Information

To discover how the Waterco Hydrochlor MK3 Mineral Chlorinator will help you call us on 01271 378 100, email swimmer@goldenc.com or visit www.goldenc.com.



Distributed in the UK by Golden Coast Ltd

Golden Coast Ltd | Fishleigh Road | Roundswell Commercial Park West | Barnstaple | Devon | EX31 3UA

Phone: +44 (0) 1271 378 100 | Fax: +44 (0) 1271 371 699 | Email: swimmer@goldenc.com | Web: www.goldenc.com

 www.facebook.com/goldencoastltd

 twitter.com/goldencoastltd

©2019 Golden Coast Ltd

As a quality assured company we reserve the right to alter and improve the specification of products as deemed necessary.

Registered in England and Wales 2420044 VAT Reg. No 540 4110 02

