



> PATENTED MAGNESIUM WATER TREATMENT

For incomparably gentle, crystal clear water

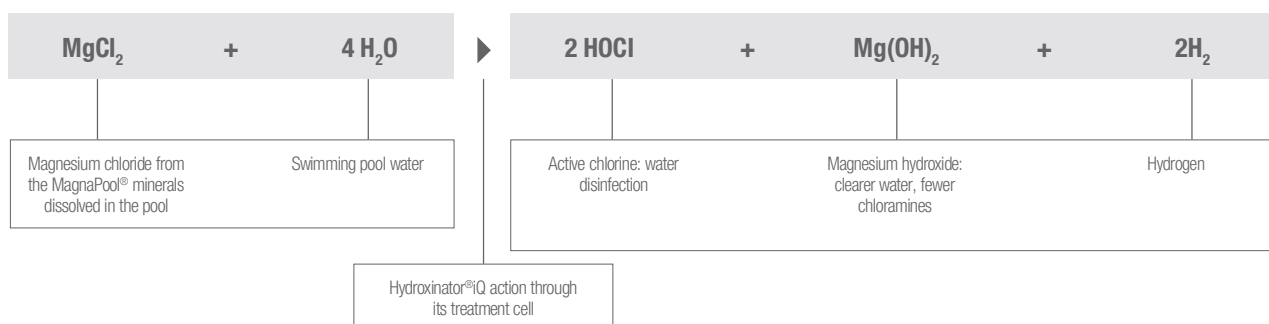
The patented MagnaPool® solution combines the clarifying properties of magnesium with a filtration system of exceptional quality, for a perfectly healthy and balanced, mineral-enriched swimming pool.

> HOW DOES IT WORK?

The MagnaPool® solution combines natural minerals, magnesium and potassium (diluted in the pool), to purify the water while providing an incomparable bathing experience.

This water treatment solution naturally converts magnesium minerals to magnesium hydroxide, a gentle and silky substance that acts as a clarifier in order to retain all the impurities, even the finest, in the water. Without impurities, bacteria no longer grow and are removed from the pool.

The MagnaPool® Hydroxinator® iQ then generates non-synthetic (or inorganic) chlorine: **this phenomenon is hydroxination**. The resulting chlorine, without addition of chemical products, protects the integrity and quality of the water, without harming the environment in which it is used.



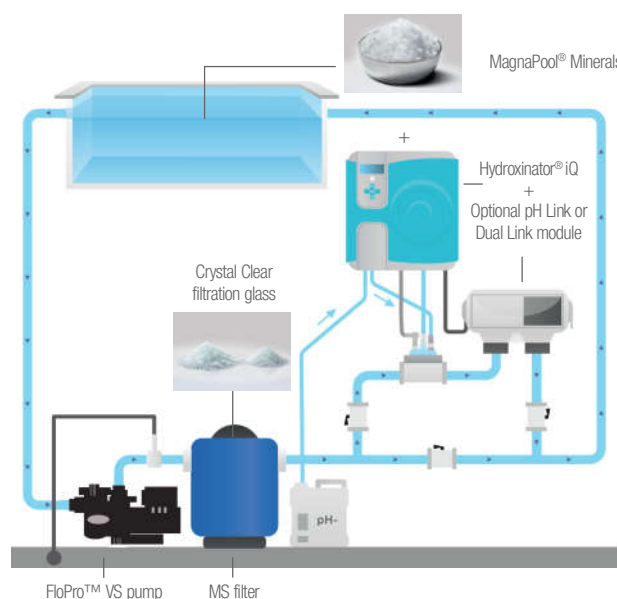
DID YOU KNOW?

MagnaPool® minerals do not contain any sodium chloride («salt» or NaCl). The MagnaPool® minerals do not produce soda, a very basic element that affects negatively the water balance.

STANDARD INSTALLATION

The patented MagnaPool® solution comprises a Hydroxinator® iQ with its treatment cell, Crystal Clear glass filter medium and MagnaPool® minerals. Each of these elements is needed for the MagnaPool® solution to function; they cannot be sold separately.

To obtain a complete MagnaPool® eco-system, the assembly can be combined with the MS filter and a Zodiac® variable speed pump.



REFERENCE POINT

The MagnaPool® solution comprises the Hydroxinator® iQ, MagnaPool® minerals and the Crystal Clear filtration crystals. Zodiac® equipment is compatible with and/or additional to the MagnaPool® system. Identify all the products in the MagnaPool® ecosystem using this pictogram.



> THE BENEFITS OF THE MAGNAPOOL® SOLUTION



A PURE, CRYSTAL CLEAR SWIMMING POOL

MagnaPool® provides exceptionally clear water without adding chemical disinfection products. This intense clarity is made possible by combining two innovative factors. Firstly, the powerful natural clarifying properties of magnesium in MagnaPool® minerals. And secondly, exceptionally fine filtration using Crystal Clear filtration media.

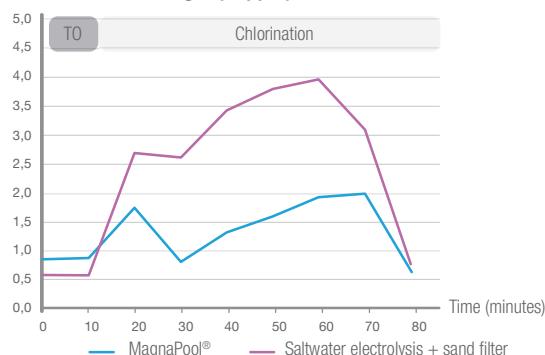


**Mg¹²
24**
Mineral Pool
Science

GENTLE WATER FOR SKIN AND EYES

Compared with conventional water treatment systems (manual chlorine addition or salt electrolysis + sand filter), MagnaPool® naturally slows the development of chloramines, molecules that can cause an unpleasant chlorine smell and eye or skin irritation.

Total chlorine in mg/L (or ppm)



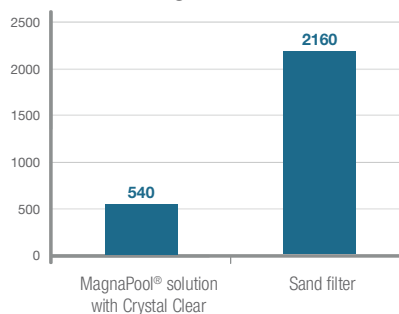
Zodiac laboratory measurement of chloramines (or combined chlorine) after adding organic matter to two pools at the same time, one treated with salt electrolysis + sand filter and the other with MagnaPool®.



ENVIRONMENTALLY-FRIENDLY WATER TREATMENT

Crystal Clear filter media for MagnaPool® swimming pools consist of thousands of pure glass crystals. Unlike sand, it is not receptive to bacteria and only requires a short filter backwash. Thus, water consumption is reduced by up to 75%.

Water consumption (in L) during filter backwash



Value for a pool equipped with a 640 mm filter and a 1.0 HP (or 0.75 kW) pump.

DID YOU KNOW?

Magnesium takes part in more than 300 enzymatic reactions and cell growth in the human body, such as nerve transmission, skin renewal and cell relaxation.

The chlorophyll molecule, basic plant component, is formed around a magnesium atom.



Hydroxinator® iQ






Water treatment > MagnaPool® > Hydroxinator® iQ

- + Unrivalled swimming comfort
- + Crystal-clear water: clarifying effect of magnesium and glass media
- + Eco-friendly: use less water and energy, fewer chemical additives
- + Upgradable: optional pH regulation (pH Link) or pH and ORP regulation module (Dual Link)



3 YEAR
WARRANTY

UNCONDITIONAL
WARRANTY
UNCONDITIONAL

	Hydroxinator® iQ 10	Hydroxinator® iQ 18	Hydroxinator® iQ 22	Hydroxinator® iQ 35
PRODUCT REFERENCE				
Standard model	WW000172	WW000173	WW000174	WW000175
ACCESSORIES INCLUDED IN THE PACK				
				
Wall mounting kit	Flow switch kit	Temperature sensor kit	Reducing bushes kit	Free App
FOR WHICH POOL?				
Volume of treated water (temperate climate, 8h/day filtration)	40 m³	70 m³	100 m³	150 m³
Nominal Chlorine production	10 g/h	18 g/h	22 g/h	35 g/h
Nominal output Amps	2,8 A	3,6 A	5,0 A	7,2 A
DESCRIPTION				
User interface	4-line, backlit LCD screen			
Languages	11 (FR-EN-DE-ES-IT-NL-PT-CZ-SL-HU-SW)			
Operating modes	normal, Boost (100 %); Low (Adjustable cover mode from 0 to 30 %)			
Equipment Control	Single speed or Zodiac variable speed filtration pump 2 additional equipment (lighting, booster pump...)			
Clock / Timer	24 h clock / 2 chlorination timers 2 single speed or 4 Zodiac variable speed filter pump timers 1 timer per additional equipment			
Polarity reversal	Yes: adjustable from 2 to 8h (Factory setting= 5h)			
Recommended minerals rate - minimum*	4 g/L - 3,3 g/L minimum			
Safety Features	Temperature sensor: Chlorine production lowered in case of cold water to protect the electrode 'Low salt' indicator light: Reduced production to protect the electrode 'No flow' message: Production is interrupted as long as conditions are not ideal Mechanical flow switch			
Cell Position	Horizontal			
Plumbing compatibility	DN50 mm, DN63 mm, 1 1/2" (48 mm)			

* Mineral levels are measured using the usual salinity testers. Add 5 x 10kg bags per 10 m³ to measure a concentration of 4 g/L (4000 ppm).



Hydroxinator® iQ 10



Hydroxinator® iQ 18



Hydroxinator® iQ 22



Hydroxinator® iQ 35

TECHNICAL SPECIFICATIONS

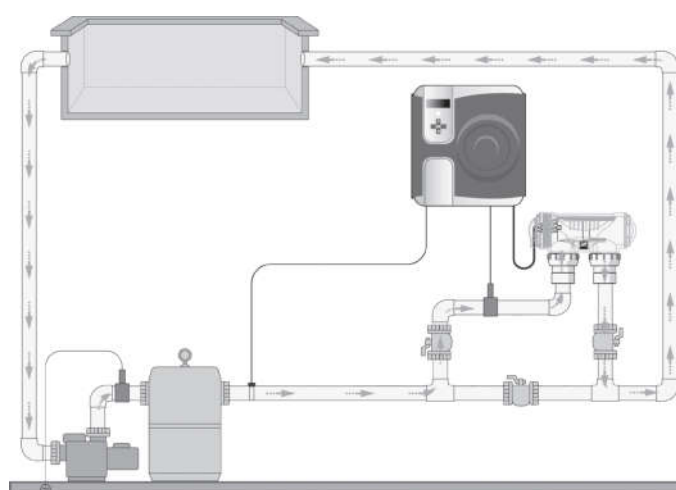
Working life of cells*	10 000h (titanium plates, specific SC6 ruthenium coating)
Electric power	Max 200 W
Minimum flow rate (needed to purge air from the cell)	5 m³ / h
Maximum flow rate	18 m³/h (Bypass mandatory over this level)
Maximum authorised cell pressure	2,75 bar (KPa)
Maximum water temperature	40 °C
Minimum water temperature	5 °C
Length of the cell cable	1,8 m
Protection index	IP43
Cell dimensions (L x w x h)	32,0 x 13,5 x 11,0 cm
Dimensions of the power pack (L x w x h)	32,0 x 37,0 x 12,0 cm
Power supply	220-240 VAC / 50-60 Hz

* Under good operating conditions

INSTALLATION




- The control unit is installed in the plant room or beneath a shelter.
- The distance between the control unit and the cell is 1.5 m (the cell cable is 1.8 m long)
- The control unit should be permanently connected to an electrical source (by using internal timers)

Hydroxinator® iQ installation diagrams



Spare parts p.324

ASSOCIATED PRODUCTS

				
pH Link Module 2019	Dual Link Module 2019	MagnaPool® Minerals	Crystal Clear 0.7/1.3 mm	Crystal Clear 1.0/3.0 mm
WW000176	WW000177	WC000163	WF000063	WF000064