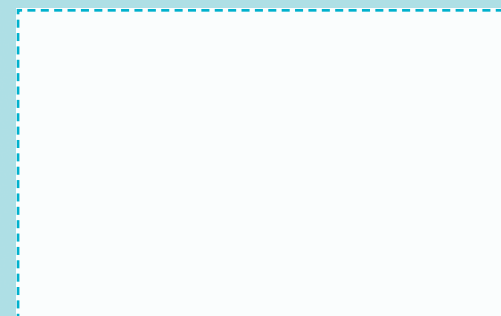


TECHNICAL CHARACTERISTICS				
MODELS	HYDROXINATOR® iQ			
	10	18	22	35
Volume of water treated in a temperate climate (filtration: 8 h/day)	40 m ³	70 m ³	100 m ³	160 m ³
Nominal chlorine production	10 g/h	18 g/h	22 g/h	35 g/h
User interface	4-line backlit LCD screen			
Operating mode(s)	Normal, Boost, Low (adjustable range: 0 to 30%)			
Equipment control	Filter pump (single speed or Zodiac® variable speed) 2 auxiliaries outputs for: heater control (temp setpoint and heating priority), light control (with dedicated Zodiac® NL LED color selection), or any other device			
Polarity reversal	From 2 to 8 h (factory settings = 5 h)			
Minerals concentration level (recommended, min.)	4.0 g/L - 3.3 g/L minimum*			
Safety	Temperature sensors: Chlorine production is lowered in case of cold water to protect the electrode			
	"Low minerals" indicator light: Reduced production to protect the electrode			
	"No flow" message: Production is interrupted as long as the conditions are not ideal			
Electric power / Power supply	195 W / 110-240 VAC - 50-60 Hz			

*Mineral levels are measured using the usual salinity testers.
Five bags of minerals must be added for each 10 m³ for a concentration of 4 g/L in the water.



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Incomparably gentle,
crystal clear water

Magnesium, an extraordinary beneficial power from nature

Found in seawater, as well as in the human body and all living tissues, magnesium is one of the essential minerals required for our bodies to function properly. In particular, we know that it is beneficial for soothing pain, caring for the skin and easing muscular problems.

An exclusive magnesium-based chlorinator solution

MagnaPool® is an exclusive chlorinator solution that combines the natural properties of the patented magnesium-based MagnaPool® minerals with an exceptionally fine filtration system.

You don't ever want to swim in salt water or chlorine pool once you've been in a MagnaPool®.

Danielle B, swimming pool owner

By diving into a pool with a magnesium-based chlorinator solution, you can enjoy magnesium's relaxing and soothing properties.

MagnaPool® provides you with:

1

Incomparable bathing comfort

1st unanimous benefit for users of all ages.

2

Crystal clear water

3

Environmentally friendly water treatment

Dive into the incomparable Magnesium's benefits



Gentle water for **skin** and **eyes**

Compared with conventional manual water treatment systems or salt water chlorinator solutions, **MagnaPool® naturally slows the development of chloramines, molecules that can cause an unpleasant chlorine smell and eye or skin irritation.**

With **MagnaPool®**, you can enjoy gentle water **without unpleasant chlorine smell or skin and eyes irritation.**

“ *A MagnaPool® swimming pool is nothing like pools treated with chlorine, where the water is actually quite harsh.* ”

Frank B, swimming pool owner

Zodiac®'s research demonstrated that:

- The MagnaPool® solution generates **40% fewer chloramines*** than salt water chlorinator solutions with conventional filtration.
- Chloramines grow **4 times more slowly** in a MagnaPool® pool than in water treated manually with chlorine or by salt water electrolysis.

Result With **MagnaPool®** you are choosing an aquatic environment and **water that are gentle on the skin, the hair and the eyes.**

Water without any chlorine smell or any eyes
and skin irritation



*Chloramine level: measured in a (Zodiac®) laboratory: combined chlorine (chloramine) after adding organic material to pools treated with salt water chlorination solutions or manual chlorination (conventional sand filtration) and the MagnaPool®solution respectively.

A pure, crystal clear swimming pool

MagnaPool® provides exceptionally clear water without adding any sanitizing chemicals. This intense clarity is made possible by combining two innovative factors:

- **The powerful natural clarifying properties of magnesium** in MagnaPool® minerals.
- **The exceptional fine filtration** of the Crystal Clear glass media, made from pure glass crystals that are a central part of the MagnaPool® solution.

“Crystal Clear media combined with the clarifying effect of magnesium minerals produces pure and crystal clear water.”

William T, R&D Zodiac® engineer

When the pool water is treated manually, the chlorine concentration varies between each addition. This generates a “saw-tooth” effect that can adversely affect treatment effectiveness and bathing comfort.

With **MagnaPool®**, the natural purifying properties of the treatment generated by the Hydroxinator® iQ acts gently and constantly, without the “saw-tooth” effect.

Result The water is continuously disinfected, healthy and perfectly balanced.



Environmentally friendly water treatment

Save water and energy
Up to 5,280 L of water saved each year*

The Crystal Clear filter media used in **MagnaPool®** swimming pools consists of thousands of pure glass crystals. Unlike sand, it is not receptive to bacteria and only requires a short filter backwash. **This means water consumption can be reduced by up to 75%.**

*I have never seen such crystal clear water!
And this summer, children and adults loved spending entire days in the pool.*

Marc V, swimming pool owner.

No added sanitizing or remedial chemicals

MagnaPool® is a mineral-based chlorinator solution that requires no sanitizing or remedial chemicals (shock chlorine, anti-algae products, clarifier, etc.).

Result An environmentally friendly solution with particularly competitive maintenance costs.



Water consumption
can be reduced by
up to **75%**

* Guideline values calculated for a 50-m³ swimming pool with a filtration of 13 m³/h and a 6-month season of use. A 4-min backwash (sand) every 3 weeks and a 2-min backwash (Crystal Clear) every 6 weeks.

Try it, you will feel the difference

The advantages of MagnaPool® for you and your swimming pool:

1

All-in-one control

All water quality control is centralised in the Hydroxinator® iQ chlorinator interface: pH, chlorination, additional equipment (filter pump, heater, lighting, etc.).

2

Peace of mind

With its long-lasting electrode and high-quality sensors, the MagnaPool® solution offers optimal water quality all the time. As proof of its reliability, the Hydroxinator® iQ chlorinator comes with a 3-year unconditional warranty⁽¹⁾.

3

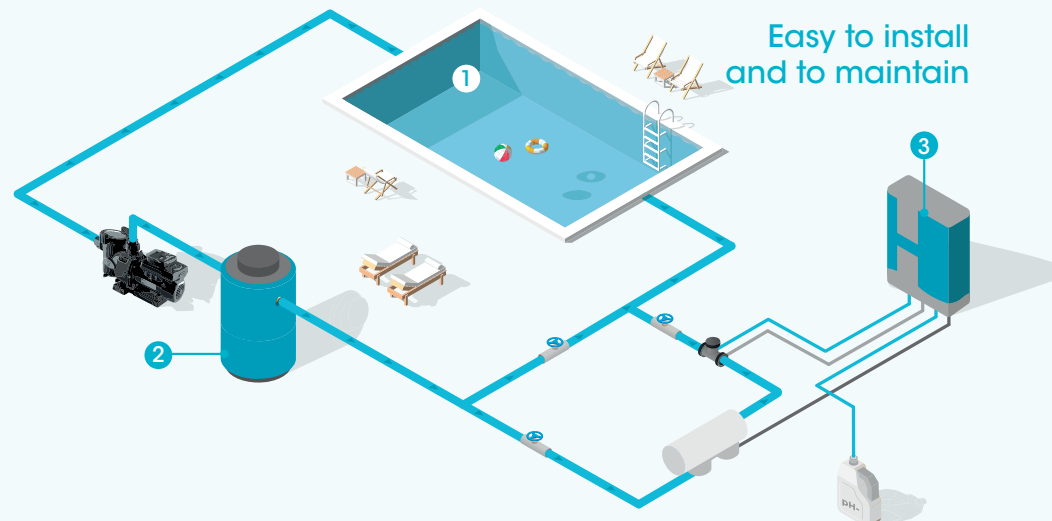
Built-in Wi-Fi⁽²⁾

The iAquaLink™ application allows you to have remote and real-time control of your water quality and your pool's equipment⁽³⁾ from your smartphone or tablet.



The MagnaPool® solution

Easy to install and to maintain



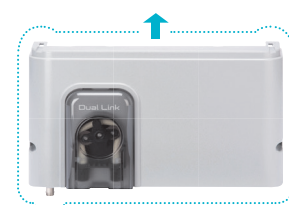
1 MagnaPool® minerals dissolved in the swimming pool.

2 Crystal Clear, the media made of glass crystals, provides ultra-fine filtration.

3 Hydroxinator® iQ, an exclusive water treatment device automatically purifies water using chlorination of MagnaPool®⁽⁴⁾ minerals.



Optional "plug & play" modules for the Hydroxinator® iQ



pH Link
This module automatically measures and regulates the water's pH.

Dual Link
This module automatically measures and regulates the water's pH and chlorination (ORP method).

	MagnaPool® swimming pool with Hydroxinator® iQ	Swimming pool with salt treatment	Swimming pool treated manually with chlorine
Water and its effects on the body and skin	MagnaPool® pool water contains fewer chloramines, which are molecules that can cause the feeling of dry skin and eye irritation. MagnaPool® has no smell and so offers incomparable bathing comfort.	The feeling of dry skin and chlorinated water is reduced compared to a chlorinated swimming pool. Nevertheless, this treatment may generate more chloramines than MagnaPool®.	The water of chlorinated swimming pools might be aggressive because of the growth of chloramines: it may redden eyes and irritate skin. It should be very regularly maintained to avoid overdosing.
Clarity of the water	No chemical products (flocculants, clarifiers, etc.) are required to achieve MagnaPool®'s transparency.	The water clarity directly depends on regular maintenance carried out by the owner. In all cases, chemical products may have to be used.	
Effectiveness of disinfection	MagnaPool® provides the continuous and controlled generation of magnesium hydroxide and active chlorine for effective disinfection without a "saw-tooth" effect.	A salt water chlorinator provides controlled generation of active chlorine and reduces the "saw tooth" effect of chlorination.	The chlorine concentration varies considerably between each addition. This generates a "saw-tooth" effect that can adversely affect treatment effectiveness and bathing comfort.
Chemical disinfection products added	No preventive or remedial disinfection product is needed with MagnaPool®.	Some remedial chemical products might be necessary (chlorine shock, flocculants and algaecides).	A manually treated swimming pool uses exclusively chemical products. Weekly maintenance using preventative and remedial products (chlorine shock, chlorine slow, chlorine shock, flocculants and algaecides, etc.) is, therefore, essential.
Water balance	MagnaPool® minerals do not contain any sodium chloride ("salt", or NaCl), which means that when the magnesium is transformed by the Hydroxinator® iQ, no lye is produced, as this is a very basic element which has a deleterious effect on the water's pH.	In addition to chlorine, salt water chlorinators generate sodium hydroxide. In certain water balance conditions, this can increase the pH, requiring the addition of a corrector product.	The water clarity directly depends on regular pool maintenance carried out by the owner. The water balance can only be maintained through regular testing and by adding corrector products manually.
Water savings	MagnaPool® allows you to save up to 5,280 L of water each year during filter backwashes.	Conventional swimming pools that use sand filters require the filter to be cleaned and rinsed for a certain length of time before it is effective. This results in significant water consumption.	
Easy to use	The Hydroxinator® iQ is easy to install and use, with a unique, simple, intuitive and connected interface. You can control your pool's equipment at any time from your smartphone or your tablet using the iAquaLink™ application.	The chlorinator is easy to install and generally easy to use. Maintenance consists essentially of checking the cell occasionally and controlling the water's pH.	Weekly maintenance is essential to determine which chemical products to add and in what quantities.

Whatever the treatment system used, we recommend the water parameters are checked periodically.

(1) 3 years unconditional (device & module), 2 years (pH probe), 1 year (Redox probe and consumables)

(2) The iAquaLink™ app will be available during the 2019 pool season

(3) Connected to the Hydroxinator® iQ

(4) The Hydroxinator® iQ generates magnesium hydroxide with clarifying characteristics which explain its name