

A pure, crystal
clear swimming pool.

Gentle water
for skin and eyes.

Environmentally-friendly
water treatment.

Exclusive magnesium-based
water treatment

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Incomparably gentle,
crystal clear water.



MagnaPool™ is a magnesium-based system that revolutionizes the pool water treatment.

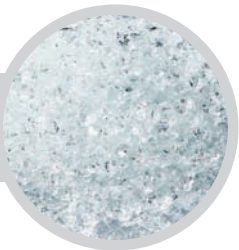

Magnesium, an extraordinary beneficial power from nature.

Found in sea water as well as in the human body and all living tissues (in particular, it is the main component of chlorophyll), magnesium is one of the essential minerals required for our bodies to function properly. The relaxing virtues of magnesium-enriched baths have been recognised for many years. In particular we know that magnesium is beneficial for soothing pain, caring for the skin or easing muscular problems.

Exclusive magnesium-based water treatment system.

The MagnaPool™ system, exclusive magnesium-based water treatment, combines the natural properties of MagnaPool™ minerals with an exceptionally fine filtration system.

MagnaPool™ combines 3 products for a healthy, balanced and environmentally-friendly, mineral-enriched swimming pool:

-  1 Patented MagnaPool™ minerals, dissolved in the pool water.
-  2 Crystal Clear, the media made of glass crystals providing ultra-fine filtration.
-  3 The Hydroxinator, an exclusive water treatment system that purifies water automatically by hydroxination*.

This self-contained system is easy to use and relieves you of the constraint of water treatment.

* Name of the reaction performed by the Hydroxinator which generates, in particular, magnesium hydroxide with clarifying benefits.





A pure, crystal clear swimming pool.

A mineral-enriched swimming pool of exceptional clarity.

MagnaPool™ provides exceptionally clear water without adding any sanitizing chemicals. 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 glass media.

Here's what our expert has to say:

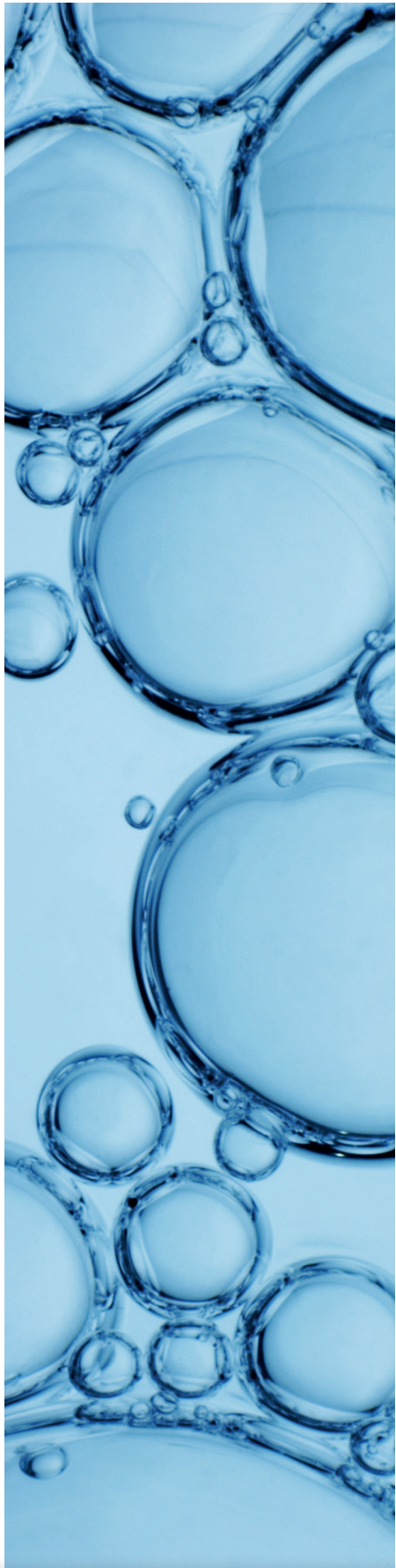
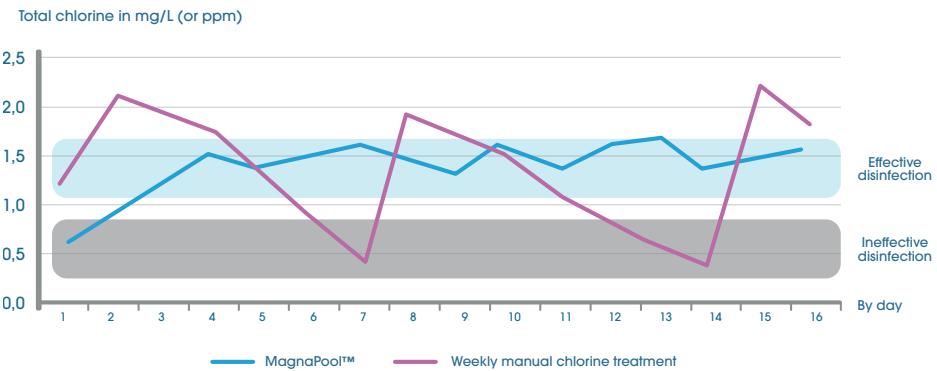
"Using Crystal Clear filtration media combined with the clarifying effect of magnesium minerals produces pure and crystal clear water"

William T., Zodiac R&D Engineer.

Effective and stable disinfection.

When the swimming pool water is treated manually, the concentration of chlorine varies between each addition. This generates fluctuations that can adversely affect treatment effectiveness and bathing comfort. With MagnaPool™, the natural purifying properties generated by the Hydroxinator act gently and constantly, without the saw-tooth effect. Result: continuously disinfected and healthy water that is always perfectly balanced.

Disinfection without saw-tooth effect



Gentle water for skin and eyes.

Fewer chloramines for unequalled bathing comfort.

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

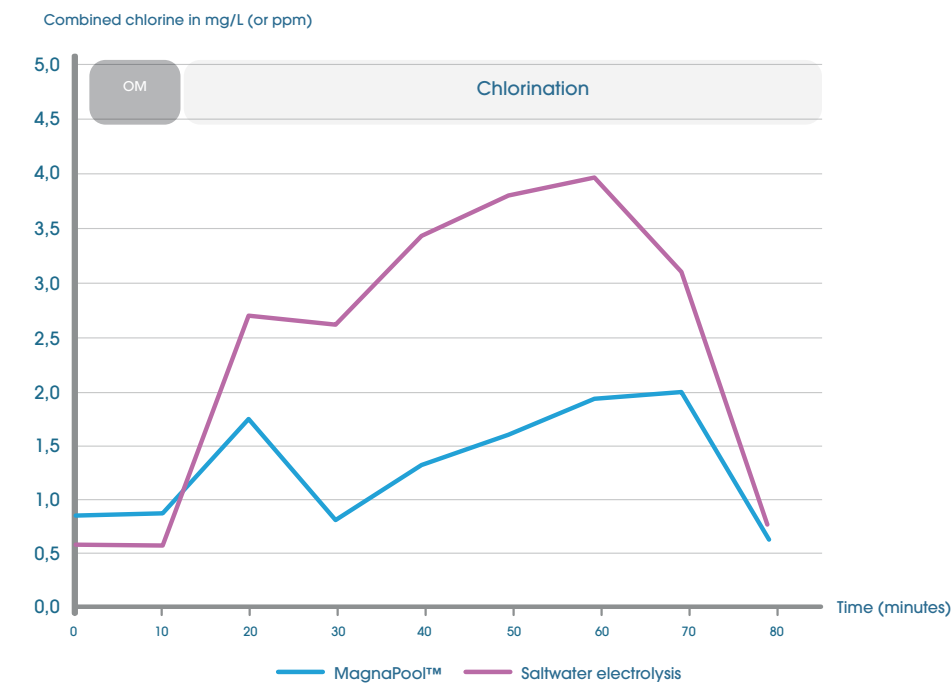
Zodiac® research has demonstrated that:

- the MagnaPool™ system generates 40% fewer chloramines than water treatment by salt electrolysis.

- chloramines grow 4 times more slowly in a MagnaPool™ pool than in water treated manually with chlorine or by salt electrolysis.

With MagnaPool™, you are choosing an aquatic environment and water gentle on the skin, hair and eyes.

40% fewer chloramines



Chloramines level : Laboratory measurement (Zodiac®) of combined chlorine (chloramines) after adding organic matter in pools treated respectively with salt electrolysis or manual chlorine (with traditional sand filtration) and MagnaPool™ system.

What some of our customers say:

Carla H.
swimming pool owner

"Since we started treating our pool with MagnaPool™, the children no longer get itchy eyes."

Danielle B.
swimming pool owner

"The minerals leave my skin feeling soft and clean; I don't need a shower when I get out of the pool."

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

Amanda S.
director of swimming pool building company

"With MagnaPool™, the first thing that struck me after swimming was that I didn't need to wash my hair."

Frank B.
swimming pool owner

"A MagnaPool™ swimming pool is nothing like pools treated with chlorine, where the water is actually quite harsh."

Catherine W.
swimming pool owner

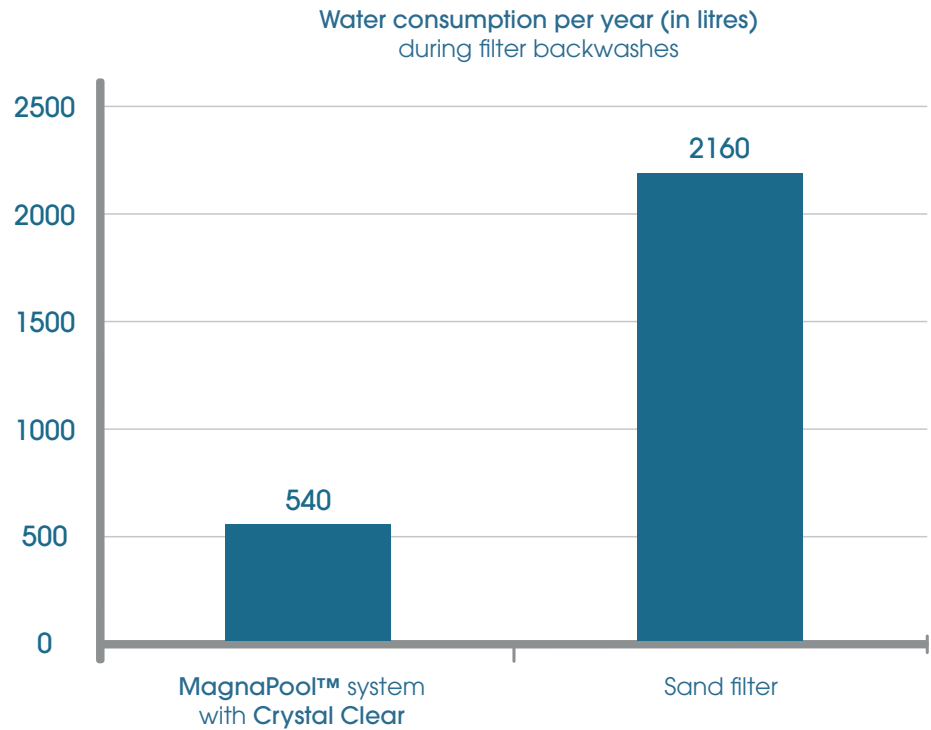
"People were skeptical to begin with, but after they had been swimming, they were convinced."



A system that saves water and energy.

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 can be reduced by up to 75%.

Saving up to 1,600 litres of water every year.



Value for a swimming pool equipped with a 760 mm filter and a 1.5 HP pump (or 1.1 kW).

No added sanitizing or remedial chemicals.

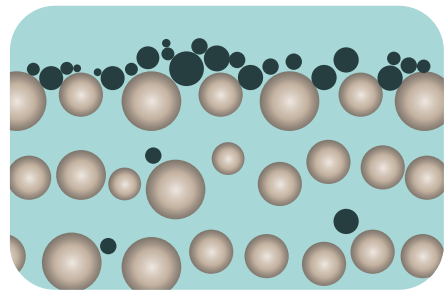
MagnaPool™ is a mineral-based treatment system that requires no sanitizing or remedial chemicals (shock chlorine, anti-algae products, clarifier, etc.).

These advantages make MagnaPool™ a treatment system that is environmentally-friendly at competitive maintenance costs.

Crystal Clear filtration media

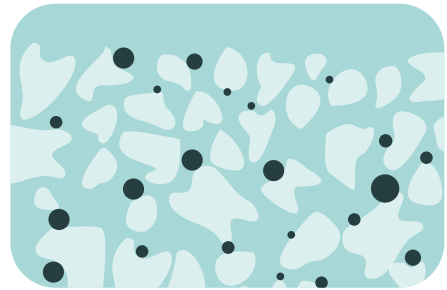


Sand filter



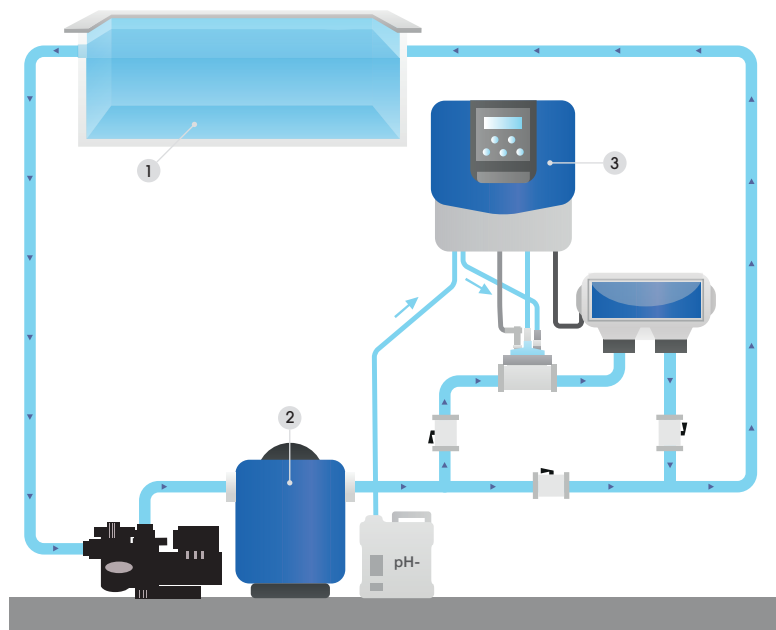
Clumps of debris at the surface: cleaning the filter takes longer

MagnaPool™ system with Crystal Clear



Capture of debris on glass crystals: rapid filter cleaning = less water used

A complete water treatment system:
easy installation and maintenance.



The essentials



1 MagnaPool™ minerals, dissolved in the swimming pool water. Packed in 10 kg bags.



2 Crystal Clear, 100% virgin filtration glass. Fine (0.5/1.5 mm) and coarse (1.0/3.0 mm) particle sizes. Packed in 15 kg bags.



3 Hydroxinator, water purification system, available in 4 sizes. 10 g Hydroxinator for pools up to 40m³. 18g Hydroxinator for pools up to 70m³. 22g Hydroxinator for pools up to 100m³. 35g Hydroxinator for pools up to 150m³.

Recommended optional equipment



pH Link Module. Automatic pH regulation coupled to the Hydroxinator.



FloPro™ VS. Variable speed pump easy to install, intelligent and economical.



Boreal Polyester-reinforced fiberglass filter. Available in 5 sizes (400, 520, 640, 760 & 900 mm).



AquaLink® TRI automation system, intelligent remote operation of equipment for your swimming pool.

MagnaPool™ advantages.

	MagnaPool™ Swimming pool	Swimming pool with salt electrolysis	Swimming pool treated manually with chlorine
Clarity of the water	No chemical products (flocculants, clarifiers, etc.) are needed to obtain MagnaPool™ transparency.	Water clarity is directly dependent upon regular maintenance being carried out by the owner. In all cases, chemical products have to be used.	
Effectiveness of disinfection	MagnaPool™ provides continuous and controlled generation of magnesium hydroxide and active chlorine for effective disinfection without a saw-tooth effect.	A salt chlorinator provides controlled generation of active chlorine and reduces the saw-tooth effect of chlorination.	The chlorine concentration varies with each addition. This generates a saw-tooth effect that can adversely affect treatment effectiveness and bathing comfort.
Water balance	The conversion of magnesium by the Hydroxinator has a limited effect on the pH. The use of corrector product is therefore greatly reduced and bathing comfort optimised.	In addition to chlorine, salt electrolysis generates sodium hydroxide. Under certain water balance conditions, this can raise the pH, requiring addition of a corrector product.	Water balance is directly dependent on the maintenance carried out by the swimming pool owner. Only regular checks and the manual addition of corrector products will be enough to maintain the water balance.
Water and its effects on the body and skin	The water in a MagnaPool™ swimming pool contains fewer chloramines, which are molecules that may dry out the skin and irritate the eyes. MagnaPool™ has no smell and so offers incomparable bathing comfort.	Dry skin and irritation caused by water in a chlorinated swimming pool are reduced compared to a manually treated pool. Nevertheless chlorination can generate more chloramines than MagnaPool™.	The water in a chlorinated pool can be aggressive due to the proliferation of chloramines: it can redden the eyes and irritate the skin. Maintenance must be taken seriously in order to avoid overdosing.
Chemical disinfection products added	No preventive or remedial disinfection product is needed with MagnaPool™.	Certain remedial chemical products may be necessary (shock chlorine, clarifier and anti-algae).	A manually-treated swimming pool uses exclusively chemical products. Weekly maintenance is therefore essential using preventive and remedial products (slow-dissolving chlorine, shock chlorine, clarifier and anti-algae etc.).
Water savings	MagnaPool™ saves up to 1,600 litres of water a year during filter backwashing.	Traditional swimming pools using a sand filter require long washing and filter rinsing in order to be effective. This results in significant water consumption.	
Ease of use	The Hydroxinator is easy to install and use, with a simple and intuitive interface. It requires no special maintenance other than an occasional visual check.	The chlorinator is easy to install and generally easy to use. Maintenance consists essentially of checking the cell occasionally and monitoring the pH of the water.	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.