

# Natural Swimming Pools

Developed over 25 years ago in Austria and Germany, natural swimming pools (NSPs) do not use any chemicals at all. Instead, aquatic plants, beneficial bacteria, and microbes growing in a specially constructed regeneration zone use Mother Nature's organic method of filtering and purifying water.

With a U.S.-patented design for the biological cleaning of swimming pool water, NSPs built by BioNova Natural Pools are completely chemical-free, ecologically friendly, and produce healthy, clear water that is safe for swimming. "Natural pools use far less energy, have a smaller carbon footprint, and are more sustainable than traditional, chemical pools," says BioNova's CEO James Robyn. "For the environmentally sensitive swimmer, there is great satisfaction in eliminating chlorine, salt, or other chemicals and energy-consuming devices."

Because the pond-like regeneration zone can be connected to the swimming area or remain completely separate, NSPs allow for a great deal of flexibility in design and construction techniques. They can be designed and built using liners to resemble a natural pond; or, for a more formal design, they can be constructed of concrete in a rectilinear shape with a traditional water garden.

Natural pools are suitable for any environment. BioNova has installed NSPs on five continents and in locations ranging from hot dry climates to tropical regions to seasonal areas that reach freezing temperatures in the winter. Existing chemical pools can also be renovated and converted into an NSP.

Globally, BioNova has a growing network of authorized dealer partners in over 35 countries and is a world leader in natural swimming pools. Every BioNova dealer partner is an independent firm with a proven track record in high-end residential construction. Each of them has gone through extensive training and is certified to have met the rigorous NSP standards established by BioNova. Every installation is constructed only by a licensed dealer partner.

Natural, eco-friendly and healthy, BioNova natural pools are truly an evolution in swimmable watershapes. ❖



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Designed to look like a natural pond, this pool features a shallow beach entry with embedded boulders. The deck area is composed of real sand and allows room for six lounge chairs. An automatic cleaning system keeps this pool clean and nearly maintenance-free.



Local marsh plants fill the regeneration zone connected to this chemical-free pool. Limestone and granite boulders adorn the regeneration zone's perimeter, while limestone coping accents the pool. The result? A tranquil backyard oasis that is also eco-friendly.



A rectilinear formal look is captured with the swimming pool, and the adjacent water garden functions as a portion of the regeneration zone. An eco-friendly solar heating system maintains the water temperature and extends the swim season.