







Swimming pools filtered naturally...

"Our Clear Water Revival natural swimming pool is just fantastic. The design harmonises perfectly with the garden and the wider rural setting, the water really is crystal clear and with no chemicals or salt it is like swimming in mountain spring water – perfect! It has become an integral part of the garden and family life, all year round, in a way we never imagined. The build was carried out extremely professionally and we have been impressed by the low ongoing running costs and maintenance. Thank you Clear Water Revival."

Claire Spencer - East Sussex

Introduction

We know we have the best solution on the market and will explain why in this brochure.

If you are planning to invest in a swimming pool you need to ensure you have explored all the options available. We know we have the best solution on the market and will explain why in this brochure. Most people think of a swimming pool as a conspicuous rectangular shape that has to be fed with chemicals twice a week for the water to stay clean and clear. This is no longer the case, there is another way...

"Our technology allows us to offer you the widest range of designs to fit into your garden. Our unique market leading filtration system is based on the concept of naturally filtered flowing water, like a mountain stream. A system that is based on flowing water stays clean, clear and hygienic 365 days of the year and the natural filter requires little maintenance."

David Nettleton - Clear Water Revival

First of all you need to decide what you want in your garden, how you plan to use it and how much time you have to maintain it. Our pools are roughly the same cost to build as a traditional bespoke chemical swimming pool so if you are thinking this all looks very expensive, do not worry keep reading!

"We decided to invest in a Clear Water Revival pool for our garden because it allowed for a stunning design and very low maintenance. I simply wanted

our garden to look good and the pool had to sit well next to our listed period house. A 'traditional' rectangular blue pool would have stuck out like a sore thumb!"

Christopher Crouch - Surrey

Clear Water Revival

We are a unique organisation made up of a team of scientists, sustainability consultants and expert designers. We have a network of local CWR authorised partners throughout the UK which we refer to as our partner community. Our partners already have established reputable local businesses and ensure the process of your pools construction is completed in the most efficient and cost effective way. We oversee the design, build and commissioning of the finished pool ensuring every installation is carried out under strict conditions and to precise calculation. All customers will receive attention from CWR HQ to ensure they are happy with the service they are receiving, and our partners will work closely with us to ensure precision is met in all aspects of your natural pool design. Our technology is over a decade in development and proven in over 1000 pools across the UK and Europe. It is unique and market leading, do not confuse or compare us to other natural swimming pool or swimming 'pond' builders. We explain why on the following pages.



Why 'natural' swimming pools?

A natural swimming pool is an emotive force in your garden, giving the landscape unrivalled character, diversity and beauty. A pool no longer sits as its own stark entity; it blends and compliments and can provide a key and stunning focus to a garden.

Everyone understands how a traditional chemical pool works. You pour in chemicals every few days that kill everything in the water. As chlorine degrades in its action you have to continuously add more to keep the process working which is time consuming and costly. A naturally filtered swimming pool is different in using nature's processes (including friendly bacteria!) in a separate small filter bed to keep the water clean and crystal clear 365 days of the year. The water is kept so clean you can drink it!

Our biological filtration system does take up some additional space, but it has benefits too.

- Your pool will hold a constant temperature of around 22°C in the summer, with no additional heating or cover (chemical pools hold at around 16° unheated). Additional heating can be attached to the system.
- The pools are low maintenance with clean, clear and hygienic water 365 days of the year.

- With almost unconstrained design options your pool will sit in harmony with your garden as a feature that adds value.
- The filter and water should stay clean indefinitely, so no water changes required... ever.
- Low energy consumption: the biofilter pump is significantly smaller than conventional pool pumps and passive solar heating reduces heating bills;
- No algae... (once the pool has been fully commissioned).
- With up to 86% swimming zone to just 14% biofilter or 'regeneration' zone, our pools can have a footprint more comparable to conventional pools.

"Natural swimming pools are relatively new to the UK market and we believe they will soon dominate the swimming pool sector. They simply make sense with the freedom of design they offer, and why would anyone choose chemicals when nature can do it for you!"

Chris Cook – Clear Water Revival



Why choose Clear Water Revival

We are passionate about creating simply beautiful naturally filtered swimming pools. Excellence in design married to an acute attention to detail ensure that you will be overjoyed with your new bespoke swimming pool.

Here is a chart comparing our swimming pools with other options currently available.

	CWR Pool	Swimming Pond	Chemical Pool
Chemicals	no	no	yes
Min Planted Area	0 - 22 %	50%	N/A
Running Costs	Low	Low	High
Effectuated by seasonal differences	No	Yes	No
Min Depth to work	No	Yes	No
Min Size to work	No	Yes	No
Heating – up to 28C	Yes	Risky	Yes
Algae Risk	Low	Medium	Low
Avg unheated UK summer Temp	19-25°C	19-25°C	16-17°C

Our scientists have developed an extremely efficient system capable of naturally filtering your pool while taking up only 20% of your pools surface area.

This differs from the traditional 50% requirement offered by our competitors. We have also markedly reduced the dependency on plants, which in many systems play far too dominant a role. This has enabled us to create very traditional looking pools, and pools in confined spaces. Our type 1 'Classic' system completely does away with plants and achieves perfect results through cunning manipulation of the biology of the pool, we do not employ any chemical filters to aid this revolutionary system.

"It should also be noted that you never need to change the water or replace the regeneration zone in your pool. This differs from chlorinated pools and other swimming pond systems on the market."

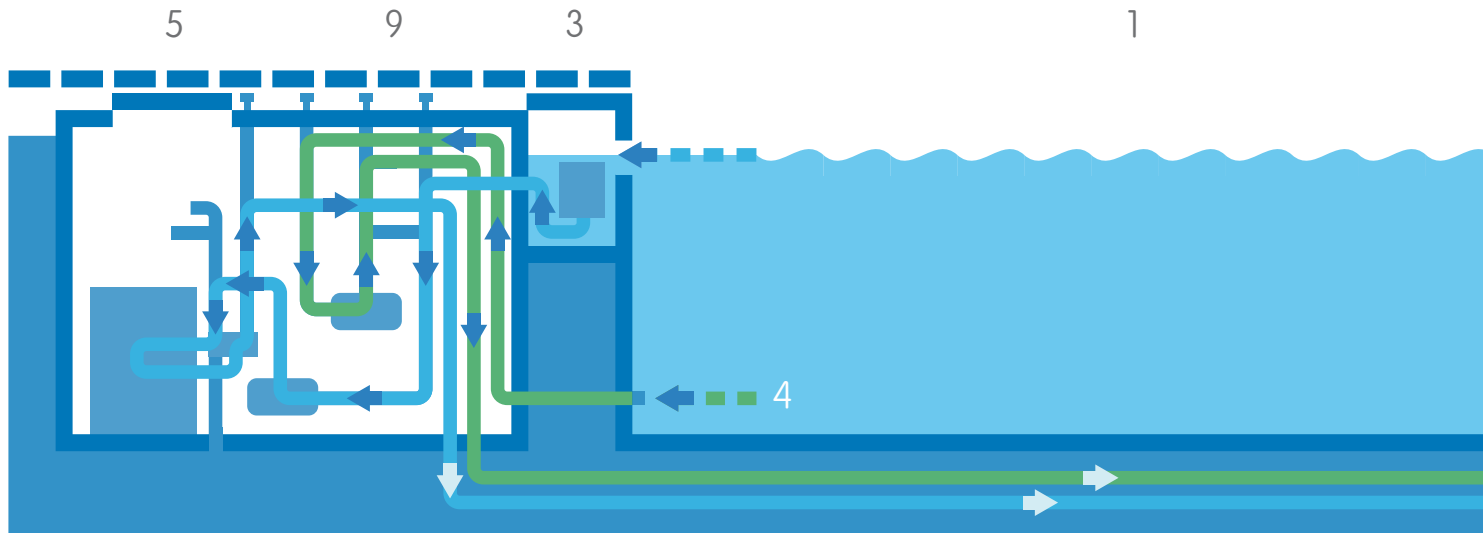
David Nettleton

We are also dedicated to reducing the energy demand of our pools, with extremely efficient pumps and a keen knowledge of the precise circulation rates required by the all important filter biology. Our pools are designed to capture energy and retain a naturally high ambient water temperature reducing the need for water heating. Where water heating is required we encourage the use of renewable energy systems.



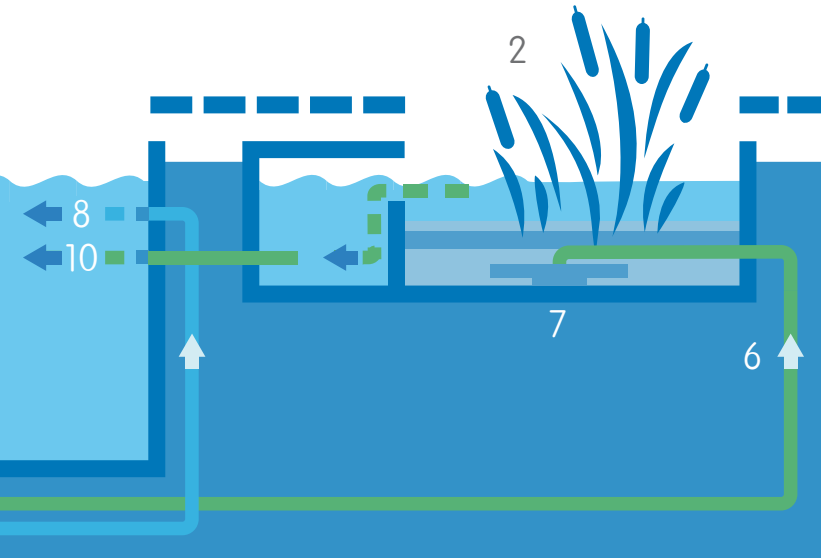
Our Technical expertise

Invest in many years of extensive research and experience where Clear Water Revival's chemists and biologists have worked alongside its Austrian partners, developing and perfecting the leading natural swimming pool filtration system.



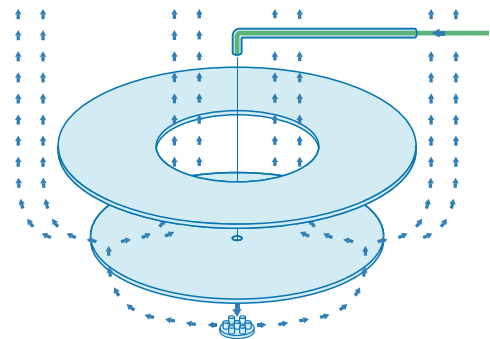
Our market leading system has the following characteristics:

- Long-lasting filter system, free from maintenance, with patented system-elements and secured degradation of nutrients;
- Tested substrates and certified materials;
- Unique technology and components for building our pools, such as the patented electrolysis system for O₂ accumulation;
- Defined standards for design, construction, operation and maintenance for each CWR-type (see below);
- GeoClear-mineral soils for the optimum growth of plants and the long term supply of trace elements into the system.



The biofilter circulation system pumps exclusively through the planted filter bed (refer to diagram):

From the pool (1) the water is drawn in under the surface through a unique duct or a connection fitted to the wall of the pool (4). On the pressure side the water returns via a mechanical filter and the biofilter zone (2). A manifold (see below) on the floor of the biofilter zone distributes the incoming water across the filter zone so that it flows slowly upwards using the whole of the filter area. The biofilter zone contains 'geoClear' filter granules and other unique substrates which aid the development of microbiology important to the cleaning process. Following filtration the water arrives either directly back into the pool or via an interim chamber.



The skimmer circulation system is designed to keep the surface of the water clean and to supply water to features such as waterfalls or and streams (8). A mechanical pressure filter can be incorporated into the skimmer system when necessary.

- 1 Swim zone 2 Filter zone 3 Skimmer
4 Suction Fitting 5 Pump and pressure filter case
6 Filter pressure (and suction) line 7 Diffuser
8 Water Feature 9 Waste line 10 Filter return

The 5 Clear Water Revival pool types

Be it a 'classic' formal pool with optimum cleanliness and heating in mind, to a wild and natural looking design, you'll find every possibility within our 5 pool types.

Clear Water Revival Research & Development has now made any natural swimming pool design possible. Without the restrictions other natural filtration systems put on the design of the pool we have illustrated the breadth of options possible through five swimming pool types.

Each of our swimming pool types has clear water 365 days of the year through our natural biological filter, but with different percentages of planted areas from 0% to 60%. Each CWR-Type has a distinctive system and the amount of flora and fauna defines its interaction with the natural surroundings. Type 1, our 'Classic' pool, is a functional, comfortable pool

which has the highest levels of technology and cleanliness. At the other end of the spectrum our Type 5, 'Freeform Planted' presents the most natural setting and engages with the surrounding wildlife.

We hope you enjoy perusing the following swimming pool types and find inspiration in the breadth of design possible as a result of our market leading natural filtration system. For those looking for indoor swimming pools or conversion of a traditional chemical pool, types 1 and 3 are most suited. We have also included a section on our public pools for commercial clients.







Classic

Design

This pool is a traditional pool in many aspects of its appearance and function. It is suited to a more formal space. It suits an owner requiring the highest levels of cleanliness and convenience. It is also an excellent option for indoor pools and chemical pool conversions.

Swim zone 100%

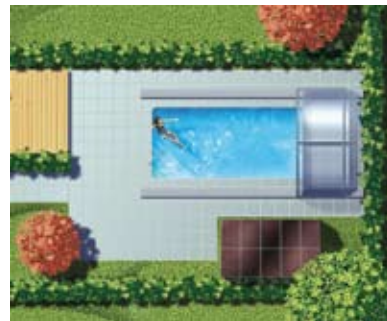
Surface Area 20-70m²

Care

Built for convenience and ease of maintenance, this is for pool lovers that wish to do away with expensive chlorine or UV systems. It is the most technical of our pools but please note that this system does not make use of any chemical treatments including phosphate removers.

Price

Typically £60,000 - £250,000 depending on choice of pool cover/building, includes heating system.



0%
Planted zone





Freeform

Design

This pool type unites the convenience and cleanliness of a conventional pool with the beauty of natural and romantic design - the pool design is enhanced by framing with natural qualities/traits; The biological filter system operates without any influence from aquatic plants.

Swim zone 85-95%

Surface Area 50-100m²

Care

Requires greater investment in maintenance and practical understanding of the pool system.

Price

Typically £50,000 to £120,000 budget, depending on size and choice of materials



5-15%
Planted zone





Classic Planted

Design

Clean architectural designs incorporating nature but with a separate planted filter. This type of pool provides a more practical solution suiting sophisticated smaller-scale design. It also provides an excellent option for converting a chemical pool.

Swim zone 75-85%

Surface Area 25 – 70m²


Care

Equipment, intended use and cleaning convenience closely relate to choice of this pool type. It incorporates more technology for maintenance than types 4 or 5 but therefore demands greater practical understanding.

Price

Typically £40,000 - £120,000 depending on size and choice of materials.





15-25%
Planted zone



Compact Planted

Design

This compact type of natural swimming pool system is suited to nature lovers with a smaller garden or less available space. It offers vibrant wildlife and a profound quality of experience at an affordable price.

Swim zone 50-70%

Surface Area 15- 50m²

Care

Smaller size and clearly defined zones ensure ease of maintenance; however many pool designs will need little attention.

Price

Typically £15,000 - £30,000 depending on size and choice of materials.





30-50%
Planted zone





Freeform Planted

Design

Suited to the larger garden. An impressive 'nature pool' that offers close contact with flora and fauna and an extensive swimming area. Incorporates water features, streams and lush planted zones. Blends seamlessly with its surroundings in harmony with nature and fosters the growth of natural eco-systems.

Swim zone 40-60%

Surface Area 60 – 200m²

Care

Generally low maintenance, large planted areas will need cutting back and cleaning during the colder months.

Price

Typically £40,000 - £80,000 depending on size and choice of materials.



40-60%
Planted zone



Natural swimming pools in public spaces

The perfect addition to a hotel and country retreat, or to community open spaces

Natural swimming pools offer an ideal setting for community open spaces and a beautiful focus to the gardens of a natural spa, hotel or retreat. Clear Water Revival is actively promoting its pools into the public realm, offering full design, construction and ongoing maintenance services for public authorities, developers and hotel managers.

Our system has been installed into 31 hotel pools and 5 community pools in Austria alone, with great success. The full list of locations is available on request; if you are interested we will gladly accompany you to Austria or Switzerland to view one of these public pools. The record of hygiene within our public pools has been impeccable, and with only slight modifications to our system, our pools happily deal with large groups of bathers. In helping to promote acceptance of this relatively new concept in community bathing, we have developed a strict set of management and design protocols in order to satisfy local authorities and prevent any possible health risks to the public. We will work closely with new trade associations developing in the UK for our industry, and existing bodies such as SPATA (Swimming Pool and Allied Trades Association) in order that our pools retain a flawless reputation.





The Clear Water Revival Guarantee

Clear Water Revival is dedicated to achieving the highest possible standards in natural swimming pool design and construction. Our design teams will ensure your tastes, needs and lifestyle are given utmost scrutiny.

In designing and building your pool our projects generally run through the following process:

1. Choice/allocation of suitable CWR certified partner;
2. Initial site visit (free of charge);
3. Fee proposal;
4. Design study including design meeting, concept drawings, technical drawings and proposal inc. an accurate quote for construction;
5. Construction and commission;
6. Ongoing support as required.

You pool is guaranteed clear water all year round and your local partner, or CWR HQ, will be only a phone call away if there is anything you need. Our pools are designed to be robust, easy to use and long lasting. Your pool will not require any major overhaul into the future; in fact our system ensures they keep getting better with age.

With the completion of a CWR natural swimming pool the owner is entitled to the following services:

- Start up of the system by Clear Water Revival staff;
- A training session on pool care;
- A manual of operating and maintenance instructions;
- 1 x water quality monitoring visit by a trained limnologist from CWR HQ in the 1st year after installation;
- 1 x water quality monitoring visit by a trained CWR partner in the 2nd and 3rd year after installation.

So if you are ready to find out more call: +44 (0)117 370 1360 (full address on back cover) We look forward to meeting you soon.





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