

# Natural Swimming Ponds

Ecologically and environmentally friendly, using no chemicals, natural swimming ponds require less maintenance than traditional swimming pools.



## Natural swimming pond benefits

The A.G.A Group can offer a design and construction service for natural swimming ponds from concept to completion. Working with you to design and Create a swimming pond to meet all of your requirements. Natural swimming ponds are a fairly recent concept in the UK and an innovation in garden design.

In Europe natural swimming ponds have been widely accepted as a more ecologically friendly form of swimming pool. They are a lot more eco-friendly than conventional swimming pools. A significant advantage of a natural swimming pond is that they do not rely upon chemical sterilisation and instead let nature carry out these processes.

The design of a natural swimming pond can range in style depending on the clients preferences, and is specifically created so you can swim in pure naturally filtered water with no chemicals.

The A.G.A Group can offer natural swimming ponds which have numerous advantages of traditional swimming pools, 'looking beautiful and respecting the environment. We can design and install fresh environmentally friendly swimming ponds in tune with nature in your own garden.

## How do swimming ponds work?

Design for water-retention is similar to other types of garden pond and pool construction, with many design alternatives. You can choose whichever liner suits you and we have a wide range available to meet your specific needs.

The swimming pond is divided into two areas, the regeneration area and the swimming area. The regeneration area can surround the swimming area or can be on 1, 2 or 3 sides of the pool (2 or 3 sides is the minimum recommended for successful cleaning). A wall which terminates below the water surface is preferred to divide the two zones.

The base of the swimming area can be surfaced in cobbles, traditional tiles or even astroturf depending on the clients preference. A pump is required to move water from the swimming area to the regeneration area.

A skimmer can be installed to keep the surface of the pool free of floating debris.

Discharging water into a shallow area at the top of the regeneration zone keeps it slightly warmer than normal. Additional heating can be applied using a heat exchanger from a traditional boiler or more environmentally friendly alternatives, such as solar or geo-thermal. The temperature should not be so high that it will disrupt the planting (20-25C is recommended).



- ✓ Ecologically and environmentally friendly, using no chemicals. More natural.
- ✓ Improved the biodiversity value of your garden by encouraging wildlife such as dragonflies.
- ✓ Considerably less maintenance than traditional swimming pools
- ✓ Attractive all year around
- ✓ Uniquely designed to your tastes and needs, no two swimming ponds are the same
- ✓ No health risks



Telephone: +44 (0) 1953 886824

CONCEPT TO COMPLETION



# The A.G.A. Group

The A.G.A Group can undertake all aspects of the pre-contract detailing work on a proposed project to ensure the long term success of the natural swimming pond construction



## Construction

The A.G.A Groups resources enable the organisation to supply the finest, cost effective materials that a project may require. Construction includes items such as the pump system and the skimmer for reducing debris on the surface. We carry out the full construction ourselves and depending on the size of the pond this can take 4-6 weeks to complete. Depending on the season the pond will be ready to swim in within 2-3 weeks.

The construction will be carried out by our specialist team who have a wealth of experience and are all fully trained and certified to recognised industry standards.

## Design Stage

We take care to conform to all regulatory requirements and work with 'best practice' construction methods. Where necessary we will carry out feasibility studies, budget costing and concept design.

The fact that the A.G.A. Group has aquatic management as one of its core disciplines ensures the company can offer you many additional benefits as your construction contractor. You can be sure that your natural swimming pond will be designed, to maximise all of the benefits that nature can provide, by ensuring that the swimming pond is designed with ecologically sound principles always at the fore.

This enables the potential of aquatic plants to be fully realised, serving to filter the water naturally whilst making sure that the depths and contours are correct to encourage growth. This will also ensure that any potentially problematic invasive aquatic plants are constrained by the environment itself. Correct design and construction from the start can save time and money in the future maintenance of any natural swimming pond.



THE A.G.A. GROUPS installation teams operate solely within the field of aquatic and bioengineering.

We operate a policy of 'Best Practice' and are bound by the Code of Conduct of both the Institute of Fisheries Management and the Institute of Biology.

The A.G.A. Group is Quality assured to: ISO 9001 : 2008 and ISO 14001 : 2004.

Registered: Achilles Utilities Vendor Database No. 705965

For more information please contact us.

We can quote you for supply of materials and their installation or for turnkey projects.

A.G.A. Group

Merton Hall Ponds, Merton,

Thetford, Norfolk IP25 6QH

Telephone: +44 (0) 1953 886824 Fax: +44 (0) 1953 889644

Email: [info@agagroup.co.uk](mailto:info@agagroup.co.uk) [www.agagroup.co.uk](http://www.agagroup.co.uk)



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