AQUAFORTE SIEVE FILTERS

In a swimming pond a sieve filter is mainly used as a pre-filter. It removes coarse dirt from the surface and sets the scene for the main filter that follows. The blue Eco pumps from SIBO Fluidra have a special feature: the filter is already equipped with a so-called pre-filter. This means that the silt that enters the filter will be removed, thus preventing the sieve filter from getting clogged. In combination with a pre-filter, the sieve filter is the best solution for clean water in natural swimming ponds. With the filter media EconoBead, it is possible to keep the phosphate level below 0.035 mg/l! This is the “magic” limit that is too low for algae to grow but does not harm plants and bacteria.

AQUAFORTE SKIMMERS AND BOTTOM DRAINS

In a swimming pond a sieve filter is mainly used as a pre-filter. It removes coarse dirt from the surface and sets the scene for the main filter that follows. The blue Eco pumps from SIBO Fluidra have a special feature: the filter is already equipped with a so-called pre-filter. This means that the silt that enters the filter will be removed, thus preventing the sieve filter from getting clogged. In combination with a pre-filter, the sieve filter is the best solution for clean water in natural swimming ponds. With the filter media EconoBead, it is possible to keep the phosphate level below 0.035 mg/l! This is the “magic” limit that is too low for algae to grow but does not harm plants and bacteria.

UV-C WATER DISINFECTON

Phasing out the UV-C light ensures a clean water body. UV-C equipment is an environmentally friendly solution for the disinfection of the water. The photons pass through the water to release the UV-C light, which then reacts with the water to eliminate dangerous substances like algae and debris. The UVC light can no longer react and simply disappears from the swimming pond.

ASTRAL ELITE CONNECT WATER TREATMENT

The AstraBeats unit, developed by AstraPool, is a perfect complement to the UV-C system and the sieve filter. The AstraBeats unit is a fully automatic and biological water treatment system. It is easy to install and ensure a complete maintenance-free swimming pond. This system cannot be avoided to prevent negative conditions on the swimming pond’s surface and make the pond water cleaner. For example, this system automatically monitors the pond water and treats algae and bacteria.

MICROBE-LIFT BACTERIA WATER TREATMENT

Microbe-Lift supplies biological bacteria for keeping the swimming pond water clear and healthy. The company has developed a maintenance kit, especially for natural swimming ponds. The Maintenance Kit Microbe-Lift contains everything you need to ensure good water quality, without the addition of chemicals. For example, Microbe-Lift supplies biological bacteria that help reduce the number of harmful substances in the water, such as cleaning the filter without driving your hands.
To swim in pure water without chlorine or other chemicals.

More and more people choose for the natural beauty of a swimming pond. Delightful to swim in, but also beautiful to look at. Years of valued experience in the pond business, combined with insights in the swimming pool branch, gives SIBO Fluidra a perfectly tuned product range for the filtration and maintenance of natural swimming ponds. We distinguish five different types of swimming ponds, from type I ‘Pure Nature’ to type V ‘Biopool’.

**Type I: Pure Nature**

This type of swimming pond offers a rich natural experience, with a variety of flora and fauna. This type does not use any filtering technology, but a small waterfall, spring source or water feature may be used. It is normal for the water to be cloudy from time to time, as in nature. Energy costs are low or non-existent, and the maintenance is carried out periodically (pruning of plants, cleaning of the bottom). The walls of this type of swimming pond are not kept free of algae or biofilm. The use of bacteria is strongly recommended to reduce maintenance and improve the overall water quality.

**Type II: Natural**

Type II is almost the same as type I, but with the use of a little technology. The water is predominantly clear, with low energy consumption. Costs for maintenance are medium to low. Maintenance includes cleaning the skimmer. For chemical and mechanical filtering, low-salt hydrolysis, bead filters and UV-C are used. Natural swimming ponds offer an intense, natural swimming experience.

**Type III: Clear**

This type of swimming pond offers a natural experience, with good plant growth and a variety of fauna. The carefully selected technology ensures clear water all year round. Techniques used: bottom drains, skimmers, sieve filters, bead filters and UV-C. Maintenance is carried out periodically (pruning of plants). Regular maintenance includes backwashing the filter. Clear swimming ponds offer a fine natural experience in clear swimming water.

**Type IV: Crystal Clear**

Enjoy swimming in natural water with limited flora and fauna, possibly separated from the swimming area. The construction and filter technology of this type of swimming pond guarantee crystal clear swimming water all year round. Energy-efficient pumps run 24/7 throughout the season. Regular care and maintenance are necessary. Crystal clear swimming ponds offer a natural swimming experience.

**Type V: Biopool**

This type looks like a traditional swimming pool yet uses the filtering technology of a pond. It is called ‘hybrid’ or ‘Biopool’. Ponds of this type however, cannot have any fish. No biopools include plant zones. The swimming pond can easily be extended through use of a sheet pond. Regular maintenance is necessary. The bottom and walls can be cleaned with a pool robot.

Practically all ponds require a filter system, especially if the pond is used intensively. A pond without a filter is only possible if there are many purifying plants, few or no fish and no direct exposure to the sun. A type I swimming pond uses natural filtration provided by plants, and technology is used. For chemical and mechanical filtration, bead filters and UV-C are used. Natural swimming ponds offer a fine natural swimming experience.