

# A.G.A.

## FILTERS, SKIMMERS AND AERATION

Filter and watercourse pumps are the heart of every pond filter system; they ensure that the pond water is pumped into the filter for the necessary cleaning. We will advise on the selection of the right combination of pump and filter, crucial for optimal water quality and for a clear pond with a bubbling watercourse. As your OASE dealer we would be pleased to advise you regarding selection of the right products.

### Products at a glance

- ProfiClear Premium – Drum filter pump fed
- ProfiClear Premium – Drum filter gravity fed
- ProfiClear Premium – Moving bed module
- ProfiClear Premium – Individual Model
- Bitron Gravity 55W
- Bitron 110COASE Swim Skim
- Oase Aqua Skim
- Oase Skimmer 250
- Oase AquaOxy
- Oase AquaAir
- A.G.A. Aqua 1

*Concept to Completion*

**A.G.A. GROUP**

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## OASE PROFICLEAR PREMIUM RANGE.

A.G.A. Group supply and install a range of water filtering systems based on the Oase ProfiClear Premium products.

Module filters are ideal for all types of larger ponds. Whether natural bodies of water, swim ponds or even koi ponds, all impose the most rigorous requirements on filter performance.

The OASE module filter systems can be extended modularly depending on the requirement, and thus also adapt to increasing requirements. Innovative functions, such as automatic self-cleaning and an extensive range of accessories make the system a perfect solution for the most rigorous demands. In addition, the systems can be easily extended if there is increasing demand.

Range		Premium XL Moving Bed	Premium XL Drum Filter - Pumped	Premium XL Drum Filter - Gravity
Biological filter surface protected	m <sup>2</sup>	300		
Coarse Debris Extraction	µm		60	60
Max. flow rate	l/h	66,000	50,000	66,000
Type of use		Gravity fed system, Pump fed system	Pump fed system	Gravity fed system



## UVC-CLARIFIERS.

Clear and healthy water ensures undisturbed pond enjoyment. But what happens when suspended algae or other particles turn the water green and lessen the enjoyment of the garden pond?

Even in this case there is a remedy. Simply insert the UVC clarifier in the water circuit of the pond, ideally upstream from your filter. The special light radiation in the interior of the clarifier kills off the suspended algae, and bacteria and germs are eliminated.

For the connection merely a power outlet and a suitable flow-through filter system or module filter system, such as the ProfiClear Premium System, is required.



Models		Bitron Gravity 55 W	Bitron C 110 W
UVC power	W	55	110
Max. flow rate	l/h	30,000	40,000
Suitable for ponds up to max.	m <sup>3</sup>	90	110
Suitable for ponds with fish stock	m <sup>3</sup>	50	55
Suitable for ponds with koi	m <sup>3</sup>	33	27.5





## POND CLEANING & SKIMMERS.

The quality of the pond water is the most important basis for the biological balance in the entire biotope. remove leaves and pollen before they sink to the pond floor and thus can become bothersome sediments.

Thus you can make a valuable contribution by removing nutrients and germ sources from the system before algae growth or even fish disease can occur.

The products from the Oase pond care product range give your pond the direct support that is required for stable water values and a clear view. From determination of the water values to medication for fish diseases, here you will find the ideal product for all problem cases.

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Particularly in the Autumn, leaves and plant remnants in the pond impair the water quality: The nutrients input into the pond in this manner allow algae to grow rapidly. The skimmers from OASE ensure that contaminants on the pond surface are removed before they can sink to the pond floor.



## SKIMMER 250.

I A.G.A. Group's experience this is the number 1 product in the Oase range.

### Product characteristics:

- Optimal adaptation to water level differences
- Special large inlet and powerful suction capacity for first-class skimming results
- Extremely long service life thanks to high-quality workmanship and stainless steel elements
- Large 27l stainless steel debris collection basket
- Fastening material included in the scope of delivery
- Powerful suction cleaning of pond surfaces up to 250 m<sup>2</sup>



## AERATION.

The **Oase AquaOxy** range of products are designed to improve the quality of the aquatic environment by increasing the amount of oxygen in the water, allowing for a higher density of stocking and improved decomposition of residual debris in the system.

Key product Characteristics:

- Outdoor installation possible
- Special reduced-noise motor technology
- Perfect oxygen supply of the entire pond

For a more focused oxygen enrichment and easy installation the **Oase AquaAir** system floats on the surface of the water body, improving both aeration and water circulation.

Key product characteristics:

- Injector nozzle for oxygen distribution even on the pond floor
- Penetration depth to 4 m
- High quality, durable workmanship with stainless steel



## A.G.A. AQUA 1 AND CIRCULATION.

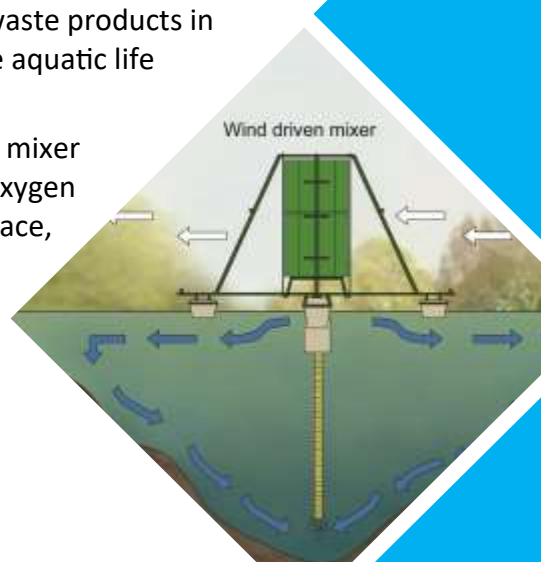
Whatever the intended use, good water quality is only achieved through good management.

Without deep circulation a body of water can thermally stratify depleting the dissolved oxygen content in the water. Even shallow waters are affected and the bottom mud (the hydra-soil) can become oxygen deficient resulting in anaerobic bacterial activity, this causes toxic gases to be released.

The lack of oxygen stops many life forms from biologically breaking down waste products in the water. This results in toxins failing to be absorbed naturally through the aquatic life cycle of the pond.

Deep circulation is the solution provided by the Aqua 1. This wind powered mixer greatly increases the natural aeration process, significantly increasing the oxygen transfer rate, by bringing oxygen depleted water from the deep, to the surface, to absorb atmospheric oxygen.

Within a very short time the bottom dissolved oxygen levels will be completely restored, helping to keep the water clear and healthy.



This information is subject to change arising from new developments and findings. If you are unable to find the item you are looking for, please do not hesitate to contact us immediately.

The A.G.A. Group 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 Society of Biology. The A.G.A. Group will quote for the supply of materials, their installation or for 'turnkey' projects.

**A.G.A. is Quality assured to: ISO45001 : 2018, ISO9001 : 2015 & ISO 14001 : 2015**

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### 'Concept to Completion'



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