

A.G.A.

ULTRASONIC ALGAE CONTROL

The most effective method available for controlling and eliminating the undesirable and damaging effects of algae contamination.

Ultrasonics will control algae in:

- Water treatment plants
- Drinking water supplies
- Livestock water supplies
- Receiving water ponds
- Cooling towers
- Lakes, ponds and rivers
- Swimming pools
- Ornamental water features
- Supply reservoirs
- Impounded water
- Irrigation reservoirs
- Fisheries
- Fish farms
- Golf courses
- Amenity lakes

A new generation of algae control.

The use of ultrasonic waveforms is an environmentally friendly method of effective control. It will completely negate the nuisance of blue/green (Cynabacteria), blanket weed (Filamentous algae) species, and other nuisance algae.

Using advanced ultrasonic technology a submerged transducer transmits ultrasonic waveforms to specifically target the algae cell structure. A complex pattern of ultrasonic vibrations through the water cause the cell vacuole to rupture. Whether floating or rooted the single cell is destroyed, rendering the algae dead.



Concept to Completion

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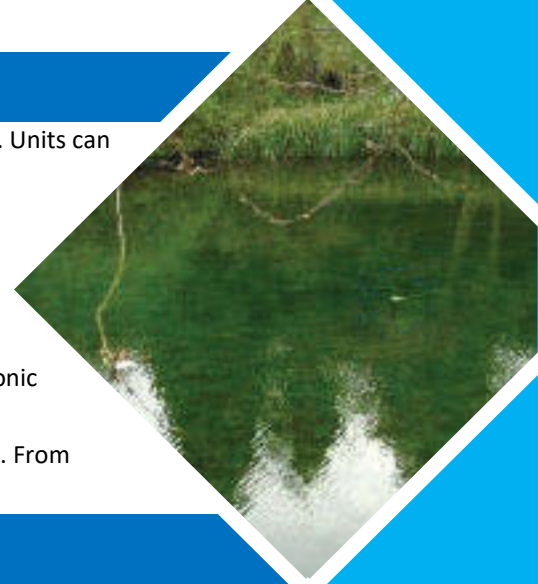


INSTALLATION.

Installation can be provided as part of the package and carried out by our own technicians. Units can be supplied and fitted within 2-3 weeks following confirmation of order.

Ultrasonic units require access to a standard 220/240 volts (typically domestic) or 110 volt industrial as well as 24volt DC power supply. Where access to a power source is difficult, Sonic XL Plus and Sonic XXL Plus units can be adapted to use solar power. Solar devices are designed, supplied and installed to suit specific requirements.

Once installed and running our ultrasonic systems must be left in situ all the year round. Sonic units have no moving parts and, as such, maintenance is simply restricted to cleaning the transducer face. The system is completely safe, only the ultrasound cable enters the water. From concept to completion we are committed to help clients achieve clean, healthy water.

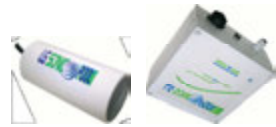


PRODUCT RANGE.



LG Sonic SSS for small fishponds and water features

Range	10m
Power rating	12 watts
Effective area	100-150m ²



LG Sonic POOL for swimming pools and large ornamental ponds

Range	50m
Power rating	12 watts
Effective area	2,500-3,600m ²



LG Sonic TANK for storage tanks

Range	70m
Power rating	13 watts
Effective area	5000m ²



LG Sonic XL PLUS for industrial purposes

Range	105m
Power rating	10 watts
Effective area	10,000-15,000m ²



LG Sonic XXL PLUS for large industrial applications and lakes

Range	185m
Power rating	11 watts
Effective area	22,500-40,000m ²



A COST EFFECTIVE APPROACH.

Once the units are installed they have very low running costs and require only minimal maintenance. High chemical treatment costs are eradicated which means that disruption to the water is reduced as is the risk of introducing toxins (Microcystis). The biological quality of the water is improved with ultrasonics and water wastage associated with filter maintenance is eliminated.



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

A.G.A. Group, MMG and MHP and AGACES are trading styles of A.G.A. Group Enviro-Fix Limited

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'Concept to Completion'



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This information is subject to change arising from new developments and findings. We do not undertake any liability for the use of our products and information.
All trade is subject to our Terms and Conditions of Sale.

