

SONIC SOLUTIONS^{LLC} Algae Control Without Chemicals!

Control Algae the Environmentally Safe Way with SonicSolutionsTM

SonicSolutionsTM eliminates algae by using ultrasonic waves to burst the cell walls of the algae.

It's safe for fish, plants, and other aquatic life.

Using just 20–45 watts of power, SonicSolutionsTM floats just below the surface killing algae 24-hours a day.

SonicSolutionsTM units provide coverage for up to 3 acres and have been proven effective in small ponds, pools, large lakes and reservoirs. In larger installations, units are used in combination for complete coverage.

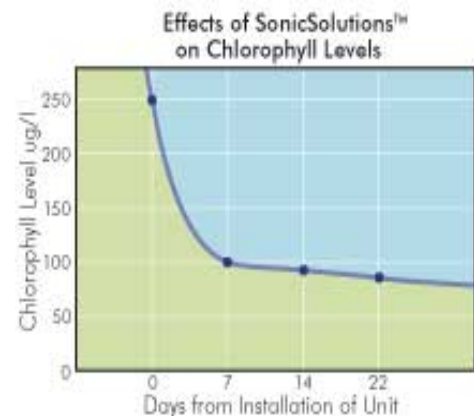
How it Works

SonicSolutionsTM uses the resonance of the ultrasonic waves to kill algae. The submerged transducer is programmed to generate ultrasonic waves that shock and kill the algae by ripping the vacuole of the algae cell.

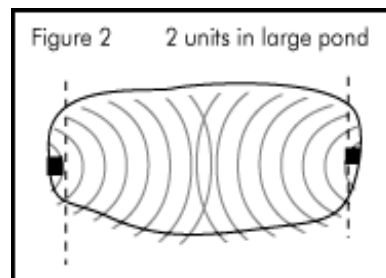
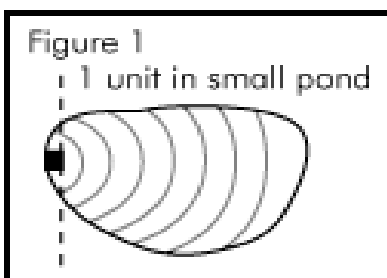
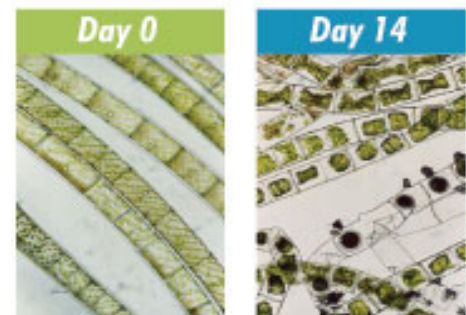
Our sales representative will help determine the number and configuration of units to effectively control algae based on the size of the body of water. Installation is easy. Our Owner's Manual explains how to install the SonicSolutionsTM device and reviews safety issues and maintenance.

Easy to Install and Maintain

The SonicSolutionsTM Algae Control device emits ultrasonic waves that "fan out" at approximately 120° from the front of the transducer at an angle of approximately 60° (See Fig 1). The SS 500 has a range of 300 ft. for a total area of coverage of 3 acres. Set up your device to provide the optimal exposure of the ultrasonic waves to the body of water you are treating. Place close to the edge as sonic waves extend only in front of the transducer unit. Large installations and certain shapes of ponds or lakes may require installation of more than one device. Multiple devices can be installed at opposite sides of a lake or pond or attached together pointing in different directions, depending on your site requirements.



Electron Microscopy of SonicSolutionsTM Effect on Algae



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