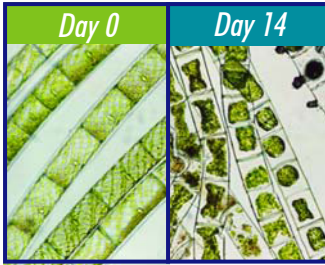


FACTS & SPECIFICATIONS

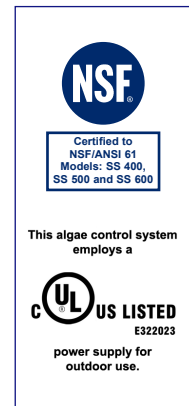
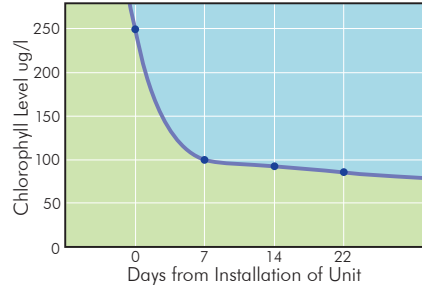
How it Works

The **SonicSolutions[®]** transducer, submerged just beneath the surface, is programmed to generate ultrasonic waves that inhibit the growth and spread of algae.

Microscopic Images Showing SonicSolutions[™] Effect on Algae



Effects of SonicSolutions[®] on Chlorophyll Levels



It's Easy to Install and Maintain

PLACEMENT

The **SonicSolutions[®]** Algae Control device emits ultrasonic waves that “fan out” at approximately 180° from the front of the transducer (see Figure 1). The nutrient level, turbidity, shape of the body of water and the closeness to the equator may affect the coverage area. The potential coverage for the SS 400 model can be as much as 1.5 acres and for the SS 500 model up to 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 (see Figure 2).

The SonicSolutions[®] device, like all ultrasonic devices, is a “line of sight” technology. Ultrasonic sound waves will not go around corners or navigate around islands that may be in your body of water. Ultrasonic sound waves reflect or bounce off of hard surroundings, such as concrete, rip-rap, and large rocks.

