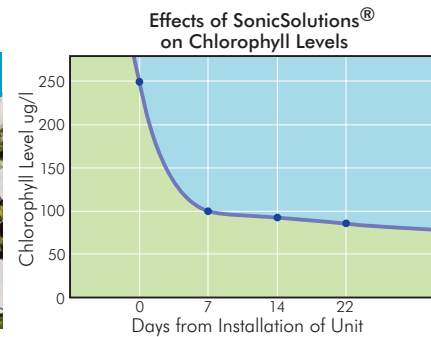
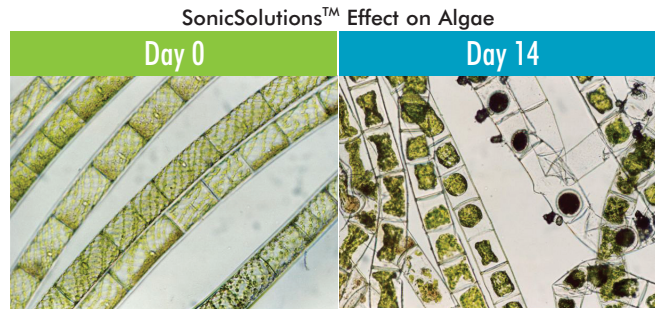


SONIC SOLUTIONS[®] *Algae Control Without Chemicals!*

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.



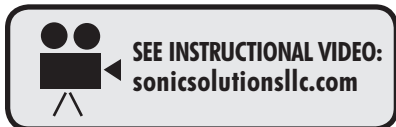
Placement Options

The SonicSolutions[®] Algae Control device emits directional ultrasonic waves that “fan out” at approximately 180° from the front of the transducer (See Figure 1). It is important to install your device to provide the optimal exposure of the ultrasonic waves to the body of water you are treating. You should position the unit in a minimum of 2’ of water, close to the edge of the water to minimize the area behind the unit that will not receive the ultrasonic waves.

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).

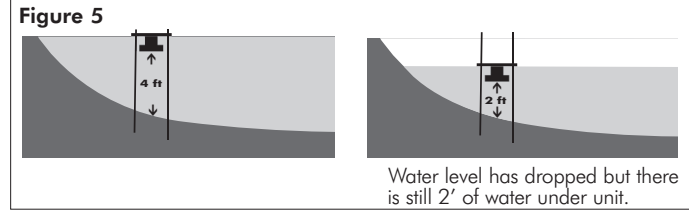
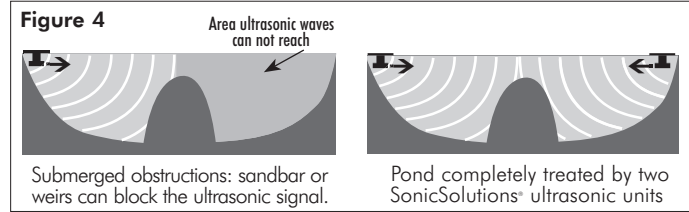
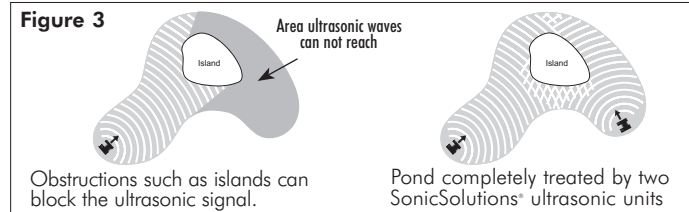
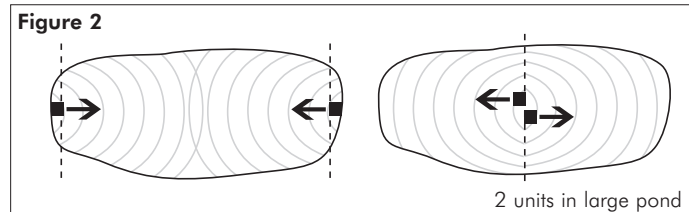
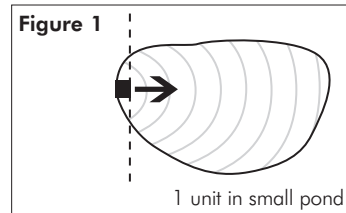
The SonicSolutions[®] device, like all ultrasonic devices, is a “line of sight” technology. Ultrasonic sound waves will not go around corners or navigate around islands that may be in your body of water. Ultrasonic sound waves reflect or bounce off of hard surroundings, such as concrete, rip-rap, and large rocks, islands, as well as submerged obstructions such as sandbars and weirs. Even thick weeds can block or degrade the signal strength. (See Figures 3 and 4).

Make sure that the placement of the device takes into account any potential reductions in the water level. You must have a minimum of 2’ of water at all times. (See Figure 5)



Need help?

For FREE placement assistance email us at info@sonicsolutionsllc.com. Make sure that your site-plan includes accurate dimensions and shape configurations of your water site. Also make sure that you identify and locate any submerged obstructions on your plans.



SONIC SOLUTIONS[®]
 Call us for a quote, toll free:
1-866-KO-ALGAE (1-866-562-5423)
sonicsolutionsllc.com



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TECHNICAL SPECIFICATIONS EPA Registration #074929-MA-001

	Models	Power Input		UL Approved Power Supply	NSF Certification	Range*	Coverage*
Residential	SS 100 -US, -EU, -UK	US 120V AC 50/60Hz 0.5 Amps Max	EU/UK 240V AC 50/60Hz 0.5 Amps Max	E322023	—	Small Tanks & Ornamental Ponds	
	SS 100-24**	US 24V DC, 2 Amps Max	EU/UK 24V DC 2 Amps Max	—	—		
Residential	SS 200 -US, -EU, -UK	US 120V AC, 50/60 Hz, 0.5 Amps Max	EU/UK 240V AC 50/60Hz 0.5 Amps Max	E322023	—	Medium Tanks & Ornamental Ponds	
	SS 200-24**	US 24V DC, 2 Amps Max	EU/UK 24V DC 2 Amps Max	—	—		
Residential or Commercial	SS 400 -US, -EU, -UK	US 120V AC, 50/60 Hz, 0.5 Amps Max	EU/UK 240V AC, 50/60 Hz, 0.5 Amps Max	E322023	NSF/ANSI 61	400 ft/121.92 m	up to 2 acres
	SS 400-24**	US 24V DC, 2 Amps Max	EU/UK 24V DC, 2 Amps Max	—	NSF/ANSI 61	400 ft/121.92 m	
	SS 500 -US, -EU, -UK	US 120V AC, 50/60 Hz, 0.5 Amps Max	EU/UK 240V AC, 50/60 Hz, 0.5 Amps Max	E322023	NSF/ANSI 61	500 ft/154 m	up to 6 acres
	SS 500-24**	US 24V DC, 2 Amps Max	EU/UK 24V DC, 2 Amps Max	—	NSF/ANSI 61	500 ft/154 m	
	SS 600 -US, -EU, -UK	US 120V AC, 50/60 Hz, 0.5 Amps Max	EU/UK 240V AC, 50/60 Hz, 0.5 Amps Max	E322023	NSF/ANSI 61	600 ft/182 m	up to 8 acres
	SS 600-24**	US 24V DC, 2 Amps Max	EU/UK 24V DC, 2 Amps Max	—	NSF/ANSI 61	600 ft/182 m	

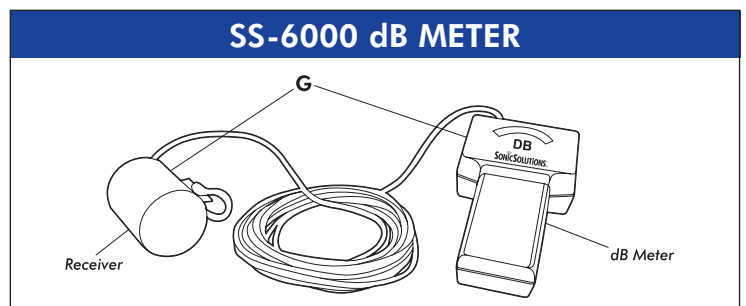
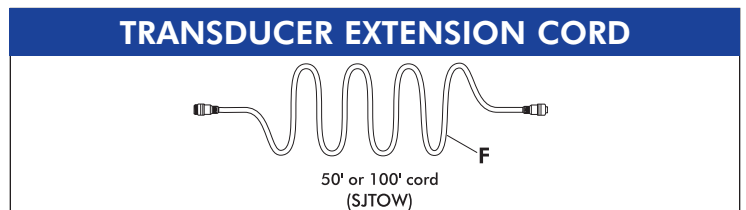
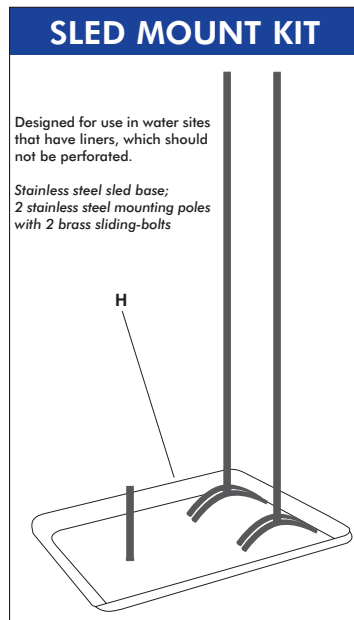
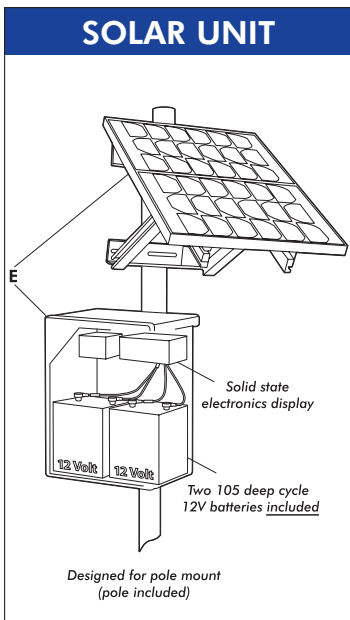
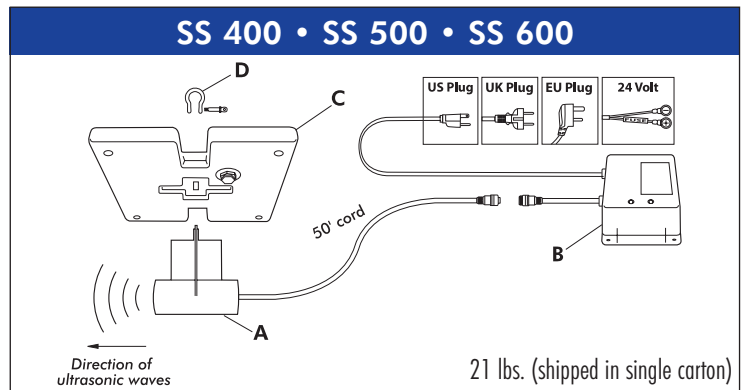
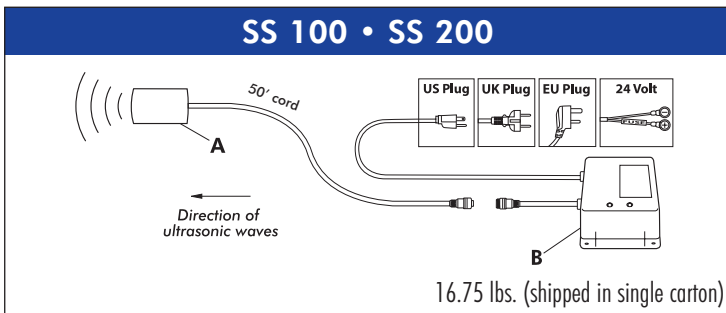
* Depending on location and conditions

24 volt units are compatible with any 24 volt DC power source: **1) Battery (require a minimum of two 105 deep cycle 12V batteries wired in series)

2) Irrigation system **3)** Solar Power System, which includes two batteries, may be purchased separately from SonicSolutions)

SonicSolutions® Parts and Dimensions

A. Transducer	length: 8", diameter: 3", height: 9", cord length: 25' (SS 100, SS 200); 50' (SS 400, SS 500, SS 600)
B. Power Supply Box	depth: 2.5", length: 7.75", width: 4.5", cord length: 6' (US & EU); 5' (UK)
C. Float	15" x 15" x 1.5" with four .75" tie down holes and two 2" x 3.5" slots for stakes
D. Float Shackle	length: 1.5", stainless steel
E. Solar Power System (purchase separately)	includes solar panel, control box, wiring, pole, mounting brackets and two batteries. Note: systems are sized for specific
F. 50' or 100' cord (purchase separately)	50' or 100' transducer extension cord (SJTOW) with waterproof connectors
G. SS 6000 dB Meter (purchase separately)	for measuring strength of ultrasonic signal: length: 8.5", width: 5.5", height: 3.5", runs on two 9 volt batteries
H. Sled Mount Kit (purchase separately)	for use in lined water sites (includes one sled base; two mounting poles; and two brass sliding-bolts)



Illustrations not drawn to scale