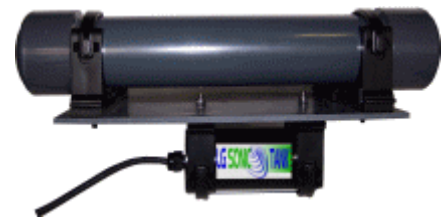


UltraSonic Algae Control Without Chemicals



Irrigation and recycled water systems typically have nutrients that provide a good culture medium for algae and fungi. Many of these systems use ultra-violet light systems (UV disinfection) to destroy all kinds of bacteria and fungi. However, the presence of algae in quantity that are not killed by the UV treatment reduces the water transparency and thus hinders the UV light penetration and its effectiveness. The **LG SONIC TANK**, however, sees to it that the algae are killed and drift away or can be removed easily so that the water stays clear and the intended disinfection takes place.

Moreover, the power consumption of the UV high-pressure lamps can be reduced drastically due to the improved water clarity, thus saving power costs while optimizing UV disinfection capacity. The **LG SONIC TANK** transducer and power output is similar to the **LG SONIC POOL**, the primary difference being that it comes with a float.



The main market for the **LG SONIC Tank** is the horticulture or market-gardening industry, growers of plants, flowers, fruits, vegetables etc., who use water for irrigation, sprinkling, spraying etc., where algae might cause clogging in parts of the installation. For irregularly shaped larger ponds, the **LG SONIC Tank** can be used to treat hidden back coves or off-shoots as part of an overall treatment plan.

Applications and Technical Data:

The **LG SONIC Tank** has been proven successful in many worldwide applications with control ranges of up to 98 feet (30 meters) for roaming algae. Potential applications are: Industrial water supplies, small ponds, drinking water storage tanks, cooling towers, water purifying system, horticulture water storages, irrigation systems, recycled water containers, aquaculture raceways, and waste water.

Technical data LG SONIC Tank	
Range:	98 feet (30 meters) range for roaming algae and about 262 feet for blue-green algae.
Power used:	6 Watts
Input	120 volt AC common household current with GFI
Cable length:	33 feet (10 meters)
Warranty	2 Years Service by Manufacturer