

Ultrasonic Algae and Biofilm Control Technology

Provides environmentally safe and efficient control of algae and biofilm growth.

HYDRO BIOSCIENCE[®]
Eco Driven Solutions[®]

Multi-Application Algae and Biofilm Control:

- Lakes and Reservoirs (up to 120 acres/device)
- Waste Water Treatment Lagoons
- Irrigation Basins
- Clarifiers and Sedimentation Basins
- UV Chambers
- Distribution Water Tanks
- Ponds and Pools
- Fresh and Marine Aquaculture - Reduces off-flavor

Powered by:

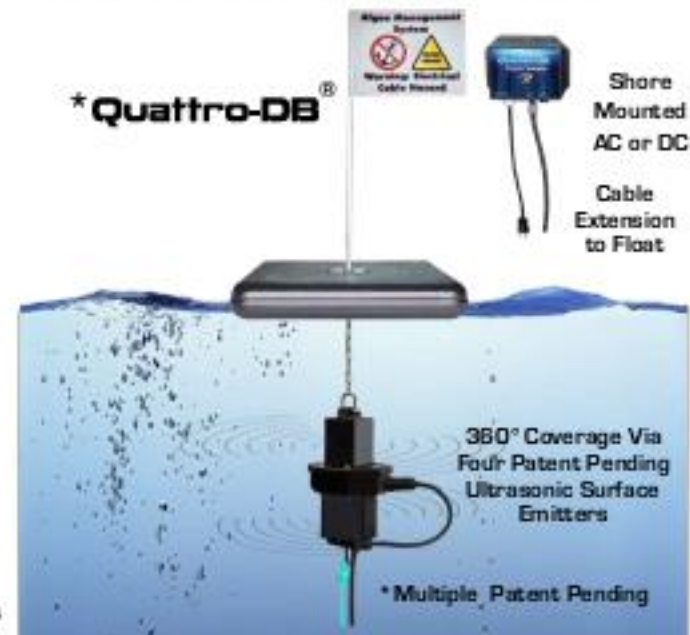
- Solar : Land or Pontoon based systems
- Power Supply Systems:
 - AC - 85 to 240 Volts, 50 or 60 Hz compatible
 - DC - 24 Volts
- Each power supply supports two ultrasonic units for Dual operation.

Features:

- 1000+ distinct frequencies spans multiple bandwidths
- Energy efficient low cost ownership - AC line power consumes approximately \$20/year
- Cable lengths to 250 meters (820 ft.) available
- Single unit coverage per device:
 - * Green algae and diatoms up to 17 acres
 - * Blue-green algae up to 120 acres

Operation

- Disables algae using critical structural resonance without harmful cavitation.
- Bacterial biofilm growth is controlled by mimicking continuous water turbulence to prevent colonization.



For Sales and Application Assistance, contact:



Lake Algae Control with Ultrasonics

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