

PUROXI

PURE WATER GLOBAL INC.

“THE BEST WATER SOLUTION”

Ultrasonic Algae and Biofilm Control Technology

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

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

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.

HYDRO BioSCIENCE[®] Eco Driven Solutions[®]

*Quattro-DB[®]



Solar Land Based Application



Quickly reduces pH and percentage of total suspended solids. Reduces algae in the intake stream and increases filter run times.

Lowers biofilm growth in process equipment and reduces chlorine usage, THM's and HAA's.

Improves water taste and reduces water born odors.

Navigation lights on pontoon systems for navigable water operation.

Solar Pontoon Float Application



PUROXI

T- (604) 826-8368

T/F- (877) 466-8252

www.puroxi.com

E- info@puroxi.com

Green Lake S. Rd. 70 Mile House, BC V0K 2K2 *clean, clear, nutritional water*