

INTRODUCING QUATTRO-DB® BLU

The Quattro-DB® BLU is a state of the art, algae and biofilm management system employing patented, advanced ultrasonic technology. Working in harmony with the surrounding environment, our systems disable algal growth cycles, resulting in rapid eradication.

BENEFITS

Reduced Biofouling | Reduced Turbidity
Reduced THMs | Reduced HAAs & HABs
Reduced pH | Reduced Chlorine Usage
Increased Filter Life | Improved Water Taste
Reduced Water Odors



**COST EFFECTIVE
OPERATION**



**CLEANER,
SAFER WATER**



EASY INSTALL



FAST RESULTS

APPLICATIONS

- Lakes, Reservoirs, Marinas & Docks
- Wastewater Treatment Facilities
- Irrigation Basins
- Clarifiers and Sedimentation Basins
- UV Chambers
- Distribution Water Tanks
- Ponds, Pools, Fountains and Aquariums
- Aquaculture and Agriculture
- *Endless possibilities*



ABOUT HYDRO BIOSCIENCE

Since 2016, Hydro BioScience, LLC (HBS) and Diversified Power International, LLC (DPI), have been pioneers of worldwide patented Ultrasonic Algae Remediation systems and technology, as proven through thousands of system installations. As stewards of the environment, with regard for public safety, HBS is driven to lower the chemical footprint. Through continued scientific research and product innovation, HBS commits to providing you, our valued customer, with ever improving functionality, quality, and affordability.



**IN HOUSE
MANUFACTURING**



**MULTIPLE
CARRIER OPTIONS**



**TIMELY,
ECONOMICAL DELIVERY**



Quattro-DB® blu



Ultrasonic Algae, Biofilm and Biofouling Prevention Systems



414 Century Ct
Piney Flats, TN 37686
888-500-5011
info@hydro-bioscience.com
www.hydro-bioscience.com

EPA Registered | Worldwide Patent
Safe for People and Pets

Quattro-DB[®] blu

SONIC HEAD TRANSDUCER

New uni-body design, IP68 enclosures | Ultra slick polymer construction reduces bio-fouling on exterior
Interior cavity is completely potted for a watertight seal

Quattro-DB[®] BLU emits thousands of ultrasonic frequencies in a 360°, linear, and line of sight pattern, managing:

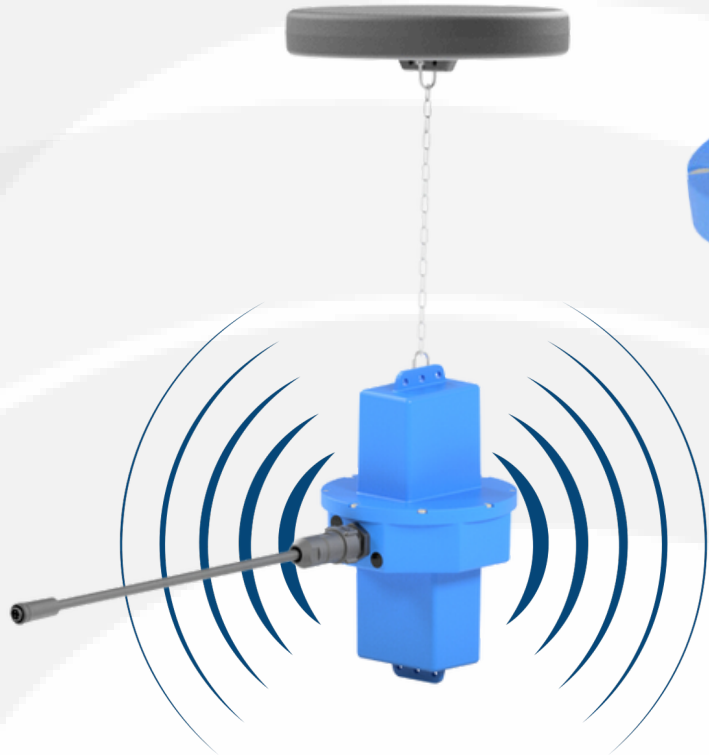
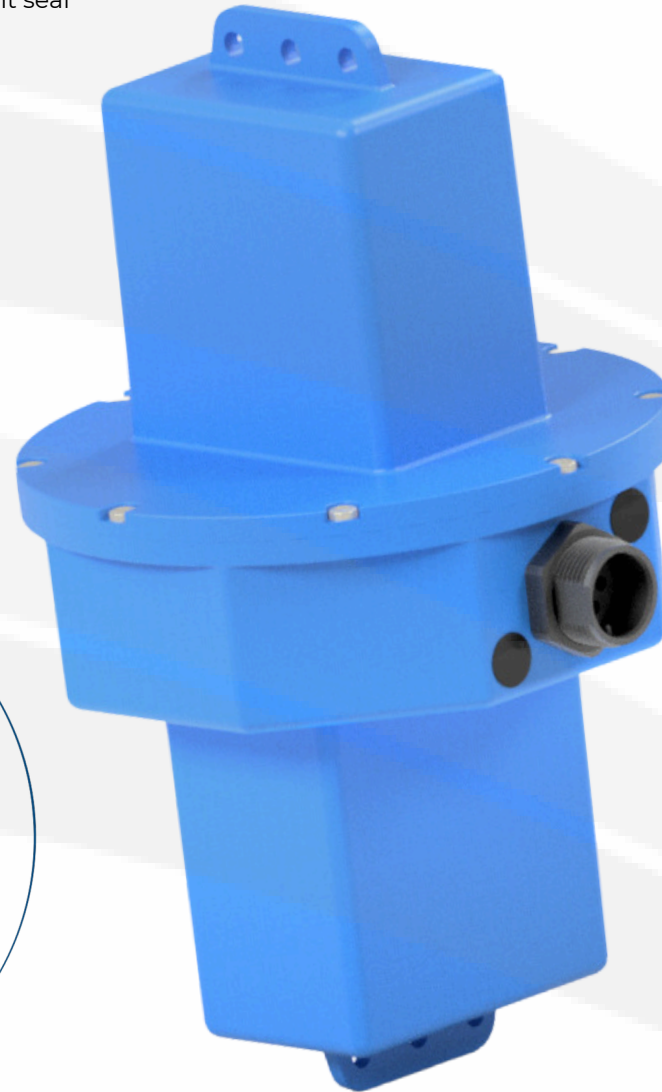
- Up to 60 acres for Blue-Green Algae
- Up to 8 acres for Green Algae
- Up to 1.5 acres for Biofilm & Diatoms

**POSITIVE
RESULTS
IN AS
LITTLE AS
14 DAYS!**

INCLUDED IN YOUR COMPLETE ALGAE MANAGEMENT SYSTEM:

- 85Vac to 264Vac (50/60Hz) power supply
- 24Vac/dc power supply
- Durable, high-impact float
- 316 stainless steel chains & hardware
- 30 meter cable made from NSF-61 materials

**USES
MINIMAL
POWER
AVG \$20
PER YEAR**



24VAC\DC POWER SUPPLY

- Bluetooth communications built in
- Readable LCD & LED (opposite side)
- For land based utility or battery powered domestic and international applications
- Variety of international adapters included

Partial list of algae species affected by our patented systems: Aphanizomenon, Cyclotella, Pseudanabaena, Anabaena, Dictyosphaerium, Phacus, Aphanochaete, Fragilaria, Pinnularia, Arcella, Gloeocystis, Planktothrix, Gomphonema, Chlamydomonas, Lagerheimia, Chlorella, Lyngbya, Chroococcus, Micractinium, Spirogyra, Coelastrum, Staurastrum, Microcystis, Cosmarium, Tabellaria, Crucigenia, Nitzschia, Tribonema, Ulothrix, Botryococcus braunii, Rhodomonas minuta, Tetradasmus acuminatus, Scenedesmus quadricauda, Merismopedia tenuissima, Sphaerocystis Schroeteri, Chloromonas reticulata, Navicula minima, Cryptomonas erosa, and Oocystis pusilla



HBS products, such as the algae management & monitoring systems, are patent pending or patented in various countries worldwide. All products advertised, excluding solar panels are PROPRIETARY HBS, LLC PRODUCTS.