

**Mezzo-DB™ Design Capability:**

- Green Algae and Diatom Algae Control Range:**  
150 meters bi-directionally from the device.
- Blue-green Algae with gas vesicles Control Range:**  
400 meters bi-directionally from the device.
- Frequency ranges:**  
The device operates in two distinct proprietary ranges covering a combined bandwidth of 44 kHz.
- Total Frequencies per cycle:** 2000+
- Time per cycle:** about 34 minutes
- Power consumed:** 8 watts average on 120 volts AC (about \$11 per year at \$0.15/kwh)
- Peak instantaneous power:** 25 watts.



*The Mezzo-DB™ is a state-of-the-art ultrasonic device for algae and biofilm control. The Mezzo (Bi-Directional) – DB (Dual Bandwidth) offers features not found before in these types of devices. The bi-directional sound output is achieved with just one piezo sound emitter that operates in two different bandwidths for better control of green algae and diatoms in the lower bandwidth and blue-green algae in the higher bandwidth.*

**Mezzo-DB™ is perfect for:  
Clarifiers, Tanks & Basins**