

Bayern®

Algae Control



Bayern® Algae Control sends high frequency Pulse Electromagnetic Ultrawaves into the pond water. The electromagnetic ultrawaves will destroy organisms, such as algae, pathogen bacteria, virus, fungus, parasite, etc by a process called "cavitation" and by squeezing and releasing them in high frequency waves in water.



Algae Control with Controller

It will also keep the wall of fish tank or pond free from bio-film and unwanted fouling. On the other hand, the fish and beneficial bacteria live more healthy in the pond with the electromagnetic ultrawaves.



UltraWave Head



The lake at a golf course treated with the electromagnetic ultrawaves after 4 weeks

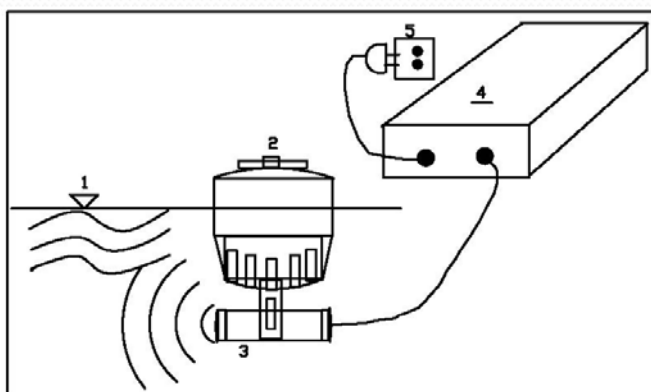
Electromagnetic Ultrawaves for Algae Control



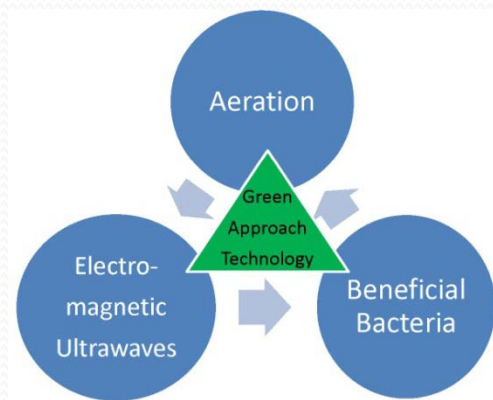
• General Specification:

<i>Bayern</i>	Radius (meters)	Power Supply
▪ UW50	4 to 30	50Watts
▪ UW100	30 to 100	100Watts

- Input Voltage : 220V/50Hz +/-10%
- Power Supply Protection : IP20
- Operating Humidity : 30% to 85%
- Operating Temp : 0 ~ 50 Degrees Celcius
- Ultrawave Head : Submersible with IP68



Note : 1= Water Level, 2= Floating Unit, 3= Ultrawave Head, 4= Controller, 5= Power Supply 220V/50Hz



Combining electromagnetic ultrawaves with beneficial bacteria and aeration (oxygen injected into water) will improve the pond water clearness, and fish lives more healthy.



Single Ultrawave Head



Two Ultrawave Heads

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