

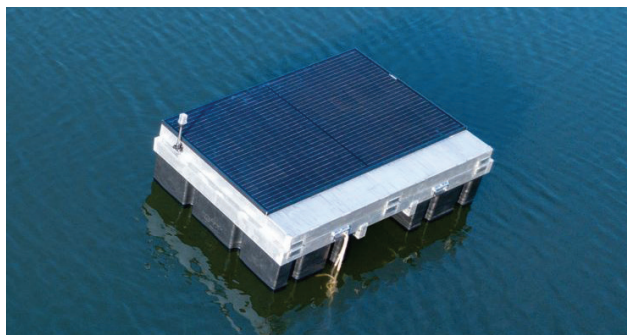
# WaterIQ Technologies™

## Sentinel AIQ™



### Your trusted defense against algae

WaterIQ Technologies, Sentinel AIQ represents the next-generation defense against algae. A floating, solar-powered algae remediation system, Sentinel AIQ is designed for performance, availability, and reliability and plays an essential role in restoring water to its natural state.



### A complete solution to fight algae day and night, without chemicals

Chemicals are not the answer when treating algae. Unlike chemicals, WaterIQ Technologies' ultrasonic solutions are not harsh or harmful to the environment, don't burden crews with applying continuous applications or exposed health risks, and are very cost-effective.

#### The Sentinel AIQ includes the following standard components:

- WaterIQ Technologies Base Camp™ Flotation System, with bird deflector, lightning rod, and navigation light
- WaterIQ Technologies Pulsar 4000™ Ultrasonic Appliance
- On-board 320V Solar Panel
- Integrated IoT technology for field data capture and reporting to the cloud for remote monitoring and data analysis
  - Sentinel AIQ captures and reports system functionality, battery status, and location

#### The Sentinel AIQ+™ adds real-time water quality monitoring to the base AIQ model using the onboard IoT technology and field sensors to measure and report:

- Blue-Green Algae
- Chlorophyll A
- Conductivity
- Dissolved Oxygen
- pH
- Temperature
- Turbidity

### WaterIQ Technologies Pulsar 4000 Ultrasonic appliance has you covered

The Pulsar 4000 provides 360° coverage, generating over 2,000 ultrasonic frequencies to disrupt and eliminate algae.

- Ideally suited for large lakes and reservoirs
- Covers Green Algae up to 150 meters radially (17 acres)
- Covers Blue-Green Algae up to 400 meters radially (120 acres)

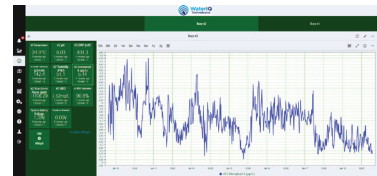


WaterIQ Technologies' focus on continuous innovation extends to ultrasound and material science advances. For example, the Pulsar 4000 uses materials such as Sharklet™ to prevent bacteria and algae (biofouling) from interfering with appliance operation, helping to maintain optimal performance and decrease operating costs.

In addition, the Sentinel AIQ's integrated IoT technology supports real-time field data capture and reporting to the cloud and significantly reduces the burden on crews to physically monitor systems. With demands on work crews being high, coupled with labor shortages, the Sentinel AIQ boosts productivity and contains cost while sustainably eliminating algae.

## WaterIQ Technologies Sentinel AIQ Product Nomenclature

Kit Number	Product Description	Includes	Power Options
<b>10SAIQ</b>	<b>Sentinel AIQ</b>	Base Camp Flotation System with Navigation Light, Lightning Rod, and Bird Deflector; WaterIQ Technologies Pulsar 4000 Ultrasonic Appliance; 320W Solar Panel and Solar Charger Power Supply; and Integrated IoT to support real-time remote monitoring of System Functionality, GPS location, and Battery Status	Solar
<b>20SAIQ</b>	<b>Sentinel-AIQ +</b>	Base Camp Flotation System with Navigation Light, Lightning Rod, and Bird Deflector; WaterIQ Technologies Pulsar 4000 Ultrasonic Appliance; 320W Solar Panel and Solar Charger Power Supply; And Integrated IoT to support real-time remote monitoring of System Functionality, GPS location, and Battery Status, and Water Quality Monitoring, measuring Temperature, Chlorophyll-a, pH, Dissolved Oxygen, Conductivity, Blue-Green Algae and Turbidity	Solar



The Sentinel AIQ+ adds water control monitoring integrated with onboard IoT technology to support remote monitoring and analytics

### How to Order

When you're ready to take the first step, we're ready to meet you and get you started. Call us or send us an email.

**Email: [Charles@HydroCor.info](mailto:Charles@HydroCor.info) | Call: (760) 216-7321**

[www.HydroCor.info](http://www.HydroCor.info)



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