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Algae Control Australia with WaterIQ Technologies™ Sustainable Algae & Biofilm Control



The Highest Precision Ultrasound Targeting for Algae and Biofilm Remediation and Prevention with 4400 Series



Pulsar4400

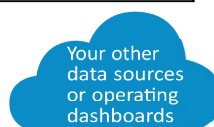
4400 frequencies target most green, blue-green and some golden and red algae. The 4400 provides the highest targeting precision for high value water resources



Pulsar3400

Designed for smaller applications with lower range for smaller bodies of water and enclosed applications -- but with the same high precision targeting of algae and biofilm as the 4400

Sustainable Algae Management - SAM



SentinelAIQ

Water Quality Platform



SenseIQ

Water Quality Probes



Pulsar3400



Pulsar4400

Ultrasonic System



Prevent - Combat - Sustain

WaterIQ Technologies™ is the leading supplier of solutions that prevent and combat algae using advanced ultrasonic technology, restoring water to its natural state quickly and sustainably without the use of harmful chemicals.

The Pulsar represents the next generation in ultrasonic defense systems designed for prevention, performance, and reliability. Our systems operate 24/7, provide high-reliability telemetry and cloud connectivity enables realtime monitoring of operational performance and water quality.



A-Frame Land Based Solar

Ideal power for smaller applications where local power is accessible



Land based AC/DC Powered

Shore based power supply for applications where AC power is available



Sentinel and Sentinel AIQ+

Used in large applications and where AC power is not available and cables are prohibitive



Pulsar Float System

The standard for land based systems – cable linked from the shore to the float



SenselQ

Available in a small format MiniSense and eight sensor SenselQ8 models. We are happy to discuss other options

Options and Configurations

Attribute	Pulsar 3400	Pulsar 4400
Number of Frequencies	4400+	4400+
Number of Piezo Transducers/head	Heads @ 90 degrees x 4 = 360 degree coverage	heads @ 90 degrees x4 = 360 degree coverage
Algae targets (All units address biofilm)	Most cyanobacteria or BGA, bio-film + selective golden and red – for smaller area applications	Most cyanobacteria or BGA, bio-film + selective golden and red
Green Algae Target Range	80m Meters Radial 160m Diameter – 10 acres	150M Radial (17 acres) 300m Diameter – 17 acres
Blue Green Algae Target Range	200M Radial or 400m Diameter (60 acres)	400M Radial or 800m Diameter (120 acres)
Biofilm Target Range	45M Radius (21.acres)	60M Radias (2.8 acres)
Power Options	120V/240V, 24V DC, Solar	120v/240v, 24vDC, Solar, Sentinel AIQ/+
Head Options	Single Unit or Dual Units to the same power supply	Single Unit or Dual Units to the same power supply
Anti Fouling – non mechanical	Y	Y
Clarifier Option for integrated Cable	Y	Y
Custom Cable lengths	Y	Y
Standard Monitoring/Telemetry including on/off, restart, reboot, sync and measurement of operational performance and water quality metrics at set intervals	Y	Y
Water Quality Monitoring – MiniSenseIQ – Chlorophyll A, Cyanobacteria, Temp – no calibration with wiper	N	Y
Water Quality Monitoring – SenselQ8 – Basic + OPR, Ph, Do, Turbidity	N	Y
Power Consumption	48VDC 30W total	48VDC 30W total
Connectors	IP69	IP69
IQCloud Integration and Access	Y	Y



Teton Pines -- Blue-Green Algae



Wilson Pond -- Spirogyra

Give us a call!

www.algaecontrol.com.au • (+61) 02 5017 9829

Email: hello@algaecontrol.com.au