

AQUAPOINT CONTROLS

Aquapoint designs and develops a variety of electrical control panels for our Bioclere™ and Lotus™ - ActiveCell™ wastewater treatment equipment and processes. Our panels are custom built for each project to meet the specific operational requirements of your designed treatment system.

Aquapoint control panels integrate programmable logic controls (PLC) with human machine interface (HMI), allowing plant operation from a user friendly, touch pad computer screen. PLC controls record pump activations, pump elapsed running time, alarm conditions and more. Timer settings are easily adjustable and test cycles can be run to efficiently test mechanical performance and ensure proper plant operation.

PLC panels can also be designed with Aquapoint's Aqua Alert remote wireless telemetry package or hardwire modems. Aqua Alert enables monitoring and manipulation of critical system functions directly from an internet accessible computer. Mechanical equipment cycles and operation are fully adjustable and operators can monitor plant history, elapsed run times and alarm conditions remotely.

All Aquapoint control panels are tested during the manufacturing process to minimize commissioning time and to ensure a quality end product to our customers.



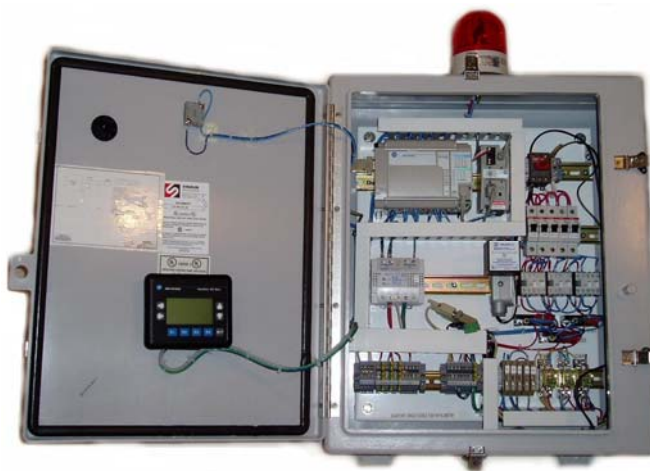
STANDARD FEATURES

- Snap in place components enable quick easy replacement
- NEMA 4 or 12 enclosures
- Audio and visual alarms
- 120, 230 and 460 volt control panels

OPTIONAL FEATURES

- Elapsed time meters
- Remote dialers and dialup modems
- Programmable logic controls (PLC) with human machine interface (HMI)
- Aqua Alert remote wireless telemetry

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Bioclere Controls



Bioclere Controls With Aqua Alert Telemetry

FEATURES

- Programmable logic controls (PLC) with human machine interface (HMI)
- Optional remote dialer controls
- Downloadable software package
- Cellular based technology

BENEFITS

- Digital manipulation of pump cycles
- Digital reporting and record keeping of equipment parameters and alarm conditions
- Owners save money on costly service calls
- Operators save on onsite labor time and can respond to mechanical failures in a timely manor
- Operation of many sites is made easy as Aqua Alert will indicate sites where service is critical

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AQUA ALERT

Remote Wireless Telemetry Controls

Aqua Alert is Aquapoint's remote wireless telemetry control system. Telemetry controls provide the operator and owner the ability to monitor their Aquapoint wastewater treatment system(s) in real time on the internet.

Wireless telemetry allows for the wireless transmission and reception of system data for the purpose of remotely monitoring a system's mechanical conditions and equipment parameters. Data packets are transmitted digitally from the treatment system control panel to a receiver that posts the information on a server. Aqua Alert's web based interface allows operators to view the transmitted data and manipulate mechanical functionality from an internet accessible computer. These capabilities can save money on operation and maintenance as well as help to keep the system's performance within the permitted effluent standards.

Aqua Alert is available with Aquapoint treatment components and can be custom designed to accommodate the specific requirements of each site.



Wireless Transmission Hardware