



**TEK**<sup>TM</sup>  
**ENERGY SMART**<sup>TM</sup>

Commercial Pool Monitoring & Control System



## CUTTING-EDGE POOL MANAGEMENT

The TEK™ Commercial Pool Monitoring & Control System gives you unprecedented capability to manage your pool, reduce energy consumption and save money. Remote access makes it quick and easy to monitor pool conditions, monitor system performance, administer user defined set points, respond to email alerts and manage energy use at all your facilities. Custom scheduling allows precise control of your pool equipment for optimal performance.

## POOL MONITORING

The TEK™ Programmable PLC controller monitors the pool temperature, heater performance and solar panel temperature if applicable. The system can also monitor flow meters, chemical controllers, water usage and can be used to create virtual gas and electric submeters. Built-in 24V power supply & wiring busses simplify expanded pool instrumentation. The system collects & stores information in a cloud database for trend analysis and reporting, diagnostics and troubleshooting. Access all your pool and system information remotely 24/7 from your desktop or any wireless handheld device.



## EQUIPMENT CONTROL



Control complex pool systems with multiple pumps, variable frequency drives, heaters, servo valves, and solar arrays for maximum energy savings and operational efficiency. Remote access allows control of pool equipment and web based scheduling allows equipment operation to match pool occupancy and seasonal schedules. System can be customized to facilitate local utility mandated load shedding and configured for Modbus and other industrial control interfaces.

## WEB-BASED MANAGEMENT CONSOLE

The system console allows efficient monitoring, control and management of multiple pools and facilities from one easy-to-use web application. Customizable interface can display gas and electric energy usage/savings, solar energy production and pool water chemistry. Data logs demonstrate compliance with utility and energy conservation objectives.

## BASIC AND EXPANDED MODELS

The controller is available in Expanded (#98-110) and Basic (#98-105) Models. The Expanded Model features a front panel touch screen interface for on-site monitoring and control. Both models feature 16 temperature inputs, 14 additional analog inputs, 4 analog outputs and 10 relay outputs for equipment and device control. Both models require a hard wired, wireless or cellular internet connection.

# LINCOLN AQUATICS ENERGY SERVICES

Your pool and pool equipment are one of the biggest consumers of energy in your facility and one of the biggest expenses in your budget. New solar and energy efficiency technologies will dramatically reduce your energy consumption and operating costs.



Many incentives from the State of California and your local utility company are targeting commercial pools and can pay for up to 80% of the cost for energy efficiency upgrades. Pool energy efficiency projects qualify for Proposition 39 funding and zero percent financing may also be available. Funding for these incentives is limited so take advantage of these programs and reserve the funding for your project now.

Talk with your Lincoln Regional Sales Representative and let Lincoln's energy efficiency experts design a solution for your facility, lock in your funding, manage the installation, handle the rebate process and begin saving you money today!

## **Lincoln Aquatics**

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