



# Pool Link 100 Series

Chemical Treatment Controller  
Advanced, Precise and Economical

Specifically designed for commercial pools and spas, the *Pool Link*® 100 Series automates the control of pH and ORP/ppm levels. A specialized microprocessor is at the heart of every *Pool Link*® controller. This technology allows the unit to perform complex and exceptionally accurate control functions with the added benefit of a simple setup and smooth operation.

## True Proportional Dosing

The *Pool Link*® 100 Series performs continuous monitoring and correction of pH and sanitizer according to your preset levels. Incremental testing and treatment based on this demand is called proportional dosing. Proportional dosing results in far more precise and economical water treatment than manual and set-point systems can provide.

## Ease of Use

There are no knobs, or screwdriver adjustments to make. All values are entered with a simple 4-button keypad. The LCD screen shows the current pH, ORP, and Cl/ppm. The dosing action is also displayed on the LCD in a simple user-friendly language.

## Three-level Controls

The *Pool Link*® 100 Series introduces *EZLink*™ menus. First, the *EZ* Menu puts manual feed control and offset standardization right at your fingertips. Matching your color test results is a simple and easy process. Second, the user menu provides access to basic operating functions available to all operators, allowing the ideal pH and sanitizer settings and other primary operational functions to be adjusted within preset alarm or operational limits. Third, the service menu is accessed with a special keystroke combination, allowing the administrator to set the control mode, set or alter alarm values, and have full control over programming access.

## Advanced Features

The *Pool Link*® 100 Series can be operated as a proportional or basic set-point controller. It can operate under ORP or ppm control and display values in ORP, Cl/ppm or both, with the ppm value based on both ORP and pH. The *Pool Link*® 100 Series also features alarms that can be set and activated at the operator's discretion. Many additional functions are user-selectable. Offset standardization to compensate for probe aging and variation is done through the microprocessor. No special test generators or chemical kits are required.

## ***Link Automation***™

### Water Products

Bringing industrial control technology to the pool and spa industry



## Savings

The *PoolLink*® 100 Series will provide water that is consistently balanced and pleasant for swimmers. It will reduce the time spent manually testing and correcting pool chemistry, freeing time for other duties. Because proportional dosing reduces changes in chemistry which use or require more chemicals, operators often see reductions in chemical use of 20% to 40%. Maintaining the pH will help protect mechanical equipment and pool structure from corrosion and scaling. The *PoolLink*® 100 Series is reliable and online 24/7.

## Safety

An array of alarm and overfeed protections are available; factory preset and operator adjustable. In the event of a power loss, *Pool Link*® 100 Series retains all alarm values and settings in the memory. Its internal timer has no battery to replace. The *Pool Link*® 100 Series monitors itself; automatically performing self tests and diagnostics, notifying the user of any problems.

## Bottom Line

The *Pool Link*® 100 Series chemical treatment controller provides excellent water chemistry control with easy operation. The technology behind The *PoolLink*® Series 100 Controller will automate your manual chemistry adjustments and immediately start saving you time and money. Your dealer will be happy to assist in model selection and to tell you about the other automation products offered by Link Automation. Link Automation has been a supplier of state-of-the-art, stand-alone, communications-linked control systems for recreational water treatment since 1991.

## Link Automation

Manufacturers of a complete line of pool and spa automation solutions for commercial water treatment including school or municipal pools and spas, health clubs, resorts, hotels motels, water parks, decorative water, and other recreational water attractions.

***Pool Link*®** Chemical treatment controllers for the most demanding commercial applications

***Filter Link*®** Filter backwash controllers for single or multi-tank systems

***Level Link*®** Water level controllers

***Site Link*™** PC communication software for use with *PoolLink*® and *FilterLink*® controllers

***Probe Chambers*** The ideal environment for your pH and CVORP probes

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## Technical Data - *PoolLink*®, 100 Series

**pH Range** 4.0 - 10.0

**pH Display Resolution** 0.1

**ORP Range** 0 - 1000 mV

**ORP Display Resolution** 1 mV

**Cl/ppm Range** 0.1 - 12.0+ ppm

**Cl/ppm Display Resolution** 0.1 ppm

**Input Power** 120 VAC 60 Hz, 1/8 Amp, excluding pumps. 3 wire grounded plug GFCI source required.

**Output Power** (2) switched 3-wire grounded outlets, 120 VAC 60 Hz, 6 Amps cumulative, fused

**Display** 2 x 16 character back-lit LCD digital display, multi-color flashing LED indicator

**Enclosure** ABS NEMA 12 with hinged cover and latching device

**Size** 9.0" X 7.3" X 3.4"

**Weight** 3.0 lbs.

### Selectable Parameters include:

- Proportional, set-point, or manual chemical feed
- Ideal pH, ORP, and Cl/ppm settings
- Upper and lower alarm limits to establish acceptable operating range for pH, ORP and Cl/ppm
- Cl/ppm display dependent on pH ( or assume pH is 7 .5)
- pH dosing either acid or base
- Sanitizer control either Cl/ppm, or ORP
- Standard 1 minute cycle and 0.5 ppm span for Cl/ppm control (20mV span for ORP control)
- Programmable cycle and span for proportional feed
- Lag compensation with DPMC control
- Safety lockouts for excessive or insufficient feed
- Visual alarms for out-of-range or non-correctable conditions

### Options and Accessories

- pH and ORP probes
- Chemical pumps and actuators
- Flow switch ready pre-wire
- Piston and rotary flow switches
- DPMC control software
- Bypass lines
- Probe sample chambers
- Installation plumbing kits
- Features, specifications, products, and pricing subject to change without notice.

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*Link Automation*™

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A NORTH AMERICAN FINEFILTER COMPANY

25 Arrow Road Ramsey, NJ  
07446 Tel: (201) 236-0217  
Fax: (201) 236-0291