BLU-SENTINEL™
POOL & SPA CHEMISTRY CONTROLLER

PRODUCT DESCRIPTION

The Blu-Sentinel™ control system is the essential pool and spa controller from Evoqua. The Blu-Sentinel control system is designed to provide the very basic required controls for chemical balance including protection from chemical feed during no flow conditions and chemical overfeed lockout.

The Blu-Sentinel controller utilizes High Resolution Redox® sensing controller to directly measure the rate of oxidation in pool water regardless of the pH, temperature or bather load, feeding only the amount of chemicals needed. The controller responds continuously to actual pool conditions with precise chemical dosages resulting in pool water that is clear, nonirritating and safe.

Suitable for calcium hypochlorite, chlorine, stick bromine and a variety of feed devices. The Blu-Sentinel controller is designed for use on recirculated applications such as pools, spas, and fountains.

KEY BENEFITS

- Assures crystal clear pool and spa water 24 hours a day, every day of the year
- Cuts chemical costs up to 30%
- Extends life of pool surface, heater, and other mechanical equipment
- Quickly pays for itself - actually costs less than not installing a controller
- Ideal for the hospitality and club industries
- Custom flowcell body for better sensor sampling, long sensor life

CONTROLS/DISPLAYS

Face Panel	
LCD Display	Backlit 2 x 20 character alpha / numeric display of pH, HRR® sensor and Temperature*

Alarm Indicators	
Lo/Hi ph, Hrr	Flashing LED
Derived ppm, Temp*	Flashing LED
Chemical Overfeed	Flashing LED
No Flow	Flashing LED

Status Indicators	
pH Feed	LED
Cl/Br Feed	LED
Derived ppm	LED
Alarm	LED

SAFETY SYSTEMS

Alarm	Feed Channel
Hi pH disables	pH feed
	(pH feed-up)
	Cl/Br feed

*Optional

PHYSICAL SPECIFICATIONS

Dimensions (H x W x D)	6.25" x 6.25" x 3.5" (15.8 x 15.8 x 8.89 cm)
Weight	3.5 lbs (1.3 kg)
Materials	
Enclosures	Polycarbonate, NEMA® (IP65)
Sensor	Inorganic Electrolyte, Ultrapure Platinum, Teflon® Liquid Junction
Flowcell Mounting	PVC, Schedule 80

SUPPORT SERVICES*

2 year limited warranty on controller and pH, HRR sensors
On-site service
Annual service contract

*available through local representatives

GENERAL INFORMATION

Operation/Installation manual
Blu-Sentinel™ controller specification

EVOQUA AQUATIC QUALITY PRODUCTS

The Blu-Sentinel control system is part of a full line of Evoqua commercial pool and spa products. These include acid free pH control systems, other water chemistry controllers, environmental control systems, and chemical delivery systems.

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EVOQUA
WATER TECHNOLOGIES

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