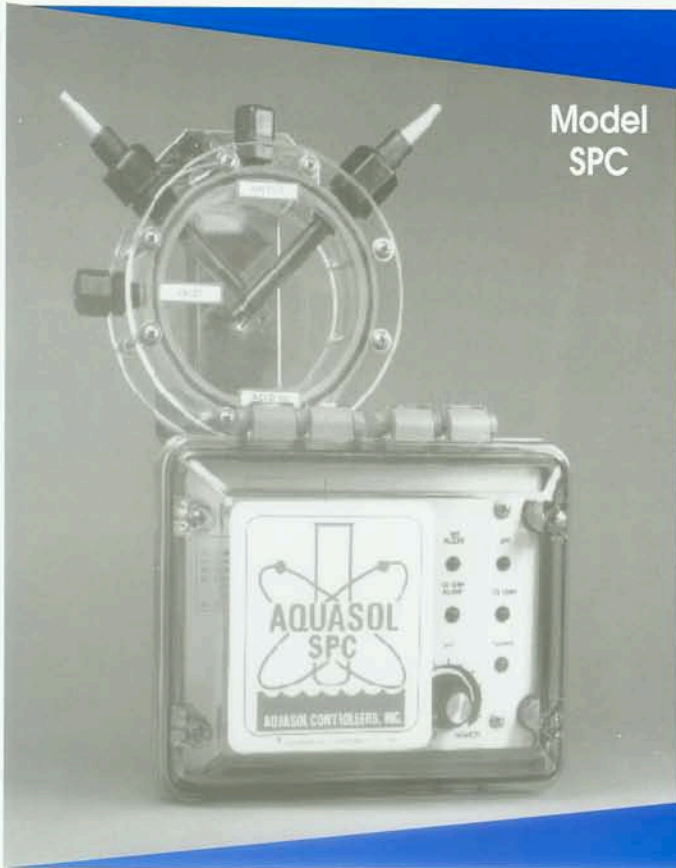
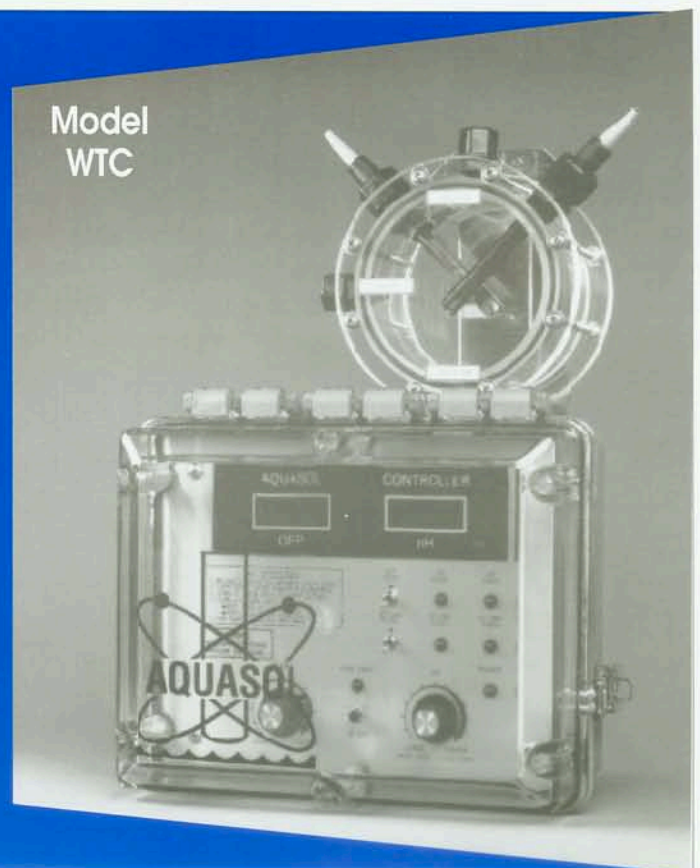


AQUASOL CONTROLLERS

Chemical Automation for Pools and Spas



Model
SPC



Model
WTC

The Aquasol line of water chemistry controllers automatically maintains both the chlorine/bromine residual (using ORP technology) and pH in your pool or spa, continuously providing sanitary, clear water while eliminating tedious, manual water testing and treatment.

Aquasol eliminates the problems associated with water chemistry control. By paying for themselves through chemical savings and reduced labor costs, the Aquasol controllers are an essential item to the operating budget of any commercial pool/spa operator.

Either Unit Serves Spas and Pools — Small or Large



WHY AUTOMATE

- Continuously monitors both pH and sanitizer
- Saves on chemicals — up to 40%
- Eliminates guesswork and human error
- Saves on labor of testing and correcting
- Adjusts automatically for varying bather load
- Eliminates odor and eyeburn complaints
- Reduces pool and equipment maintenance
- Eliminates need for frequent shocking
- Lessens liability of pool operation

WHY AQUASOL

- A single Aquasol maintains both pH and sanitizer.
- All modular components — no special tools required.
- The system is serviceable by your staff.
- The controllers are designed for easy
 - *Installation
 - *Operation
 - *Maintenance
- National Toll-Free assistance.
- Patented sensor flow cell.
- The same unit controls any size body of water.
- Aquasol is accepted by all health departments.
- All weather- and corrosion-resistant housing.
- Aquasol proven products — since 1975.

Specifications of the Model SPC and WTC

Range of Adjustment:

- pH 6.0-9.0
- ORP 1-1000mv

Alerts:

- pH low alert Disables pH feed
- pH high alert Disables pH feed
- chlorine low alert Disables chlorine feed
- chlorine high alert Disables chlorine feed
- overfeed Disables pH and chlorine feed

Accuracy of Control:

- pH ± 1 /year
- ORP ± 2 mv/year

Overfeed Protection:

- Kills chemical feed system after 4 hours of continuous chlorine or pH feed.
- Protects against pump, probe, or supply failure.

Electrical Circuitry:

- line output 115 VAC, 60 Hz, fused
- chlorine feed (max) 15 amp

- pH feed (max) 3 amp
- power requirements Less than 1 amp
- plug-in circuit\Standard 115 volt, grounded

Shipping and Enclosure:

- shipping weight SPC 10 lbs
- shipping weight WTC 16 lbs
- size SPC HxWxD 7" x 9" x 5"
- size WTC HxWxD 10" x 11" x 6.5"
- sensor cell 6" diameter x 3" deep
- enclosure Norel PPO — weather- and corrosion-proof

Warranty:

- circuitry on board Functional Lifetime
- probe, relay, fuse 1 year
- all other parts 1 year

Sensors:

- pH Glass, in PVC housing
- ORP Glass, platinum band, in PVC housing
- cable Standard 10 ft. shielded cable

Sensor Cell:

- material Clear acrylic — weather resistant

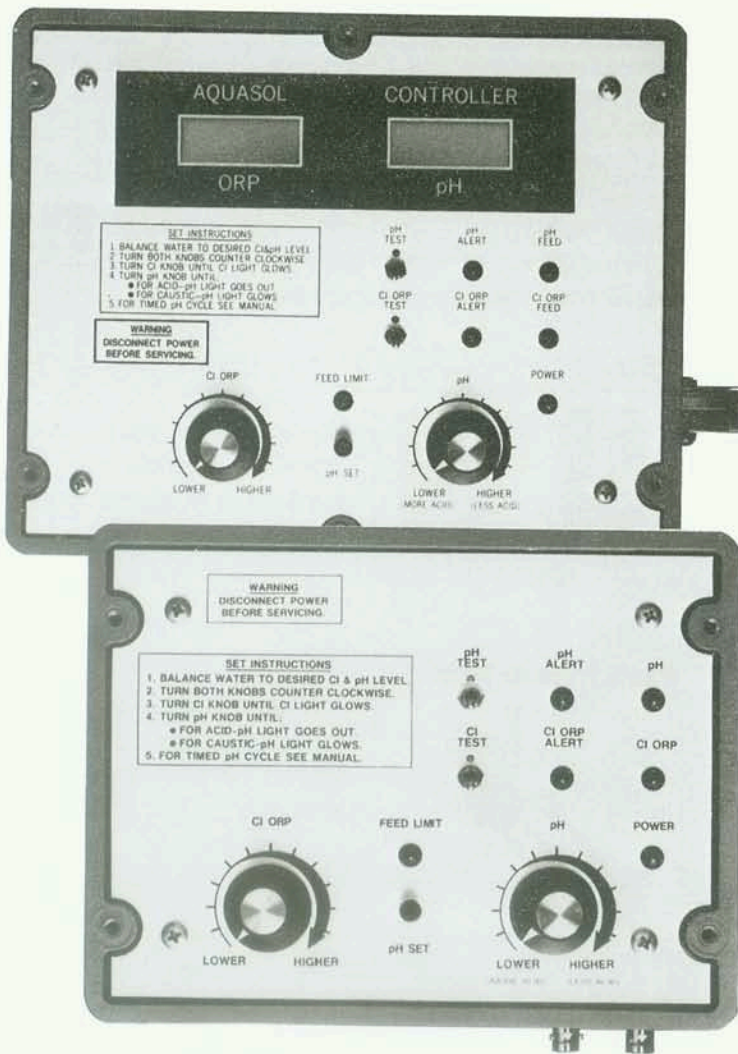
Selective Options on Electronics:

- override of high pH alert Select
- override of low chlorine alert Select
- overfeed timer Select
- spa modification Select
- pH timing cycle Select
- High pH alert—kills chlorine feed Select

Equipment Options:

- 230 volt unit
- 60-day, single-strip, dual-track chart recorder
- remote alarm — visual or audible
- electrode cable extension available up to 100 feet
- pressure safety switch
- lockable cabinet on Aquasol SPC (standard on WTC)

National Toll-Free Technical Assistance 1-800-444-0675



Sensor Flow Cell

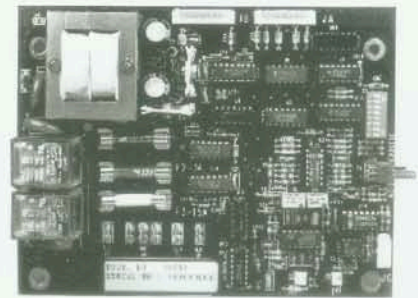


All Aquasol controllers come with our exclusive sensor cell. The cell provides the electrodes a test area free of interference signals from water turbulence and velocity. The cell is easily installed and requires no modification to your existing plumbing other than 1/4" NPT taps to provide water flow. Our patented side inlet-top outlet design eliminates air, debris and turbulence.

FEATURES:

- Adjust controller to water without special tools or instruments.
- Operating instructions permanently etched on the front panel.
- Functional lifetime warranty on electronics.
- Indicator lights show feed and alert status.
- Limited range of front controls for safety.
- Single calibration simultaneously adjusts Operator Range and Alerts.
- Automatic restart in the event of power failure.
- Overfeed safety timer.
- Seven operating options allow customization to meet special pool needs.
- Acid/base feed option.
- Switch allows for test of each feed system.
- The WTC Model features digital meters for precise pH and ORP display.
- All controllers are housed in rugged weather- and corrosion-resistant enclosures. NEMA Approved.
- Turnkey package — complete with controller, flow cell, electrodes, tubing and fittings.
- Toll-free technical assistance means no expensive service calls.

“Total System” Circuit Module



The Aquasol SPC and WTC controllers utilize Aquasol's "Total System" circuit modules. All solid-state electronics, relays, fuses, transformers, and pH mode selectors are included on the modules. This exclusive feature allows for easy field servicing and exchange **by your own staff**, which means no expensive service calls!

Chemical Feed Equipment

Peristaltic Pumps



Self-priming, modular construction, handles most chemical solutions. Capacity: 1 to 170 gallons per day.

CO2 Systems



For use in lieu of liquid acid feed systems. Form mild carbonic acid in which pH never goes below 6.8. Available: single-cylinder or dual-cylinder (manual or automatic switchover).

Solenoid Valves



For use with gas or erosion feed systems. Special coating resists corrosion.

Feed Systems

Erosion

- Chlorine
- Bromine

Liquid Chlorine

Commercial and residential models.

We tailor the system to meet your needs.

Ozonators

Chlorine Generators

Gas Chlorinators

CAL-hypo

Tanks

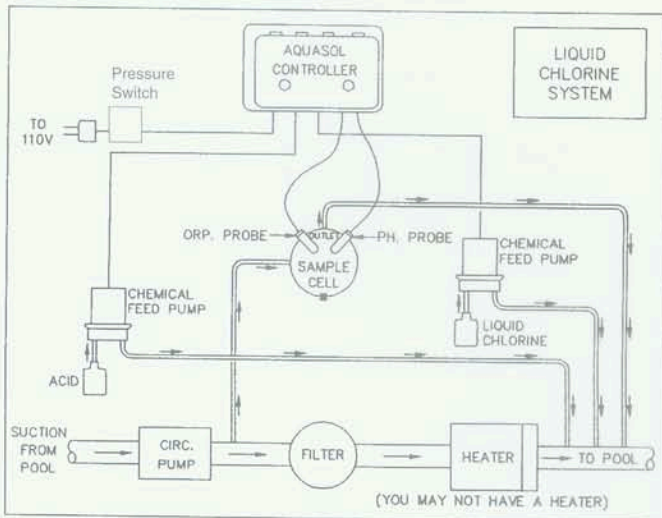


Seamless one-piece construction. Excellent chemical resistance. UV stabilized for outdoor storage.

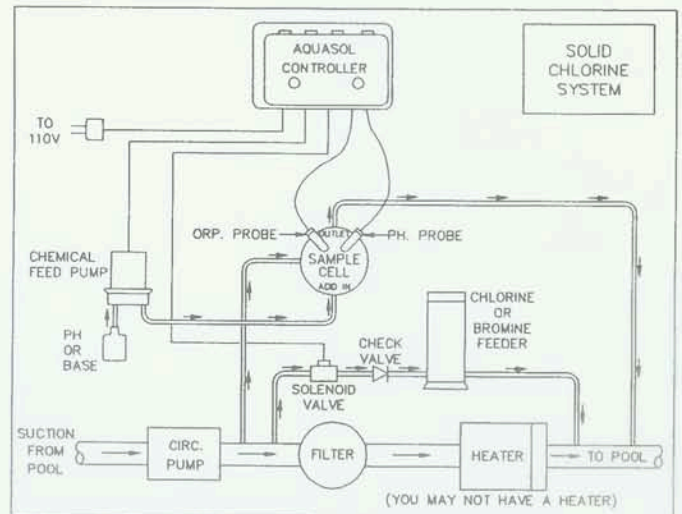
Safety Pressure Switch



Provides adjustable pressure-activated control of chemical feeders. Weather-proof enclosure.



Typical Liquid Chlorine Installation



Typical Solid Chlorine Installation



AQUASOL CONTROLLERS, INC.

www.aquasol.com

TOLL FREE 1-800-444-0675

HOUSTON, TEXAS

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