



Care and Use of the *Aquasol* Chemical Control System



Aquasol WTC with *Stenner* liquid chlorine and muriatic acid pumps.

Aquasol WTC System with Stenner pumps



Always test your pool once per day



Overview

Your *Aquasol* system is designed to work just like a thermostat on an air conditioner. The probes constantly test the water for cl and pH levels, and send the readings back to the controller. The controller interprets the readings and activates the proper chemical pump when an adjustment is needed. There's nothing more to it than that. It's really pretty simple.

The *Aquasol* system is designed to help you eliminate many of the daily problems with the chemical maintenance of your pool or spa by simply helping to maintain proper chemical levels under rapidly changing conditions. With correct usage, that's exactly what it will do. This quick reference sheet contains some operating and maintenance suggestions that will help your *Aquasol* perform well. (for further details, please refer to your owner's manual, or call the factory at 800/444-0675 for assistance)

Daily Use

- 1) Don't over adjust! *Unnecessary adjustments will reduce the full benefits of automation.*
- 2) Make adjustments gradually. *When turning the main control dials to adjust your cl or pH levels, only turn them a maximum of 3 notches at a time.*
- 3) Check your chemical containers regularly. *It's best to verify chemical levels whenever you test the pool.*
- 4) Don't stop testing your pool! *Be sure to manually test your pool with a DPD type test kit at least once per day, or as required by your health department.*

Preventative Maintenance

Monthly

1) Check chemical injection points for clogs. *Liquid chlorine contains a lot of salt, it will "calcify" at the injection points and needs to be cleaned regularly. An acidic solution works well.*

Quarterly

1) Clean probes (mild detergent rinse, followed by acid rinse) and recalibrate machine.

Every Six Months

- 1) Replace feed tubes in chemical pumps. (Cl tube part# = UCCP205, pH tube part# = UCCP202)
- 2) Inspect all tubing connections.

Every Two Years

- 1) Test and replace probes (ORP = S010, pH = S020) as needed, replace BNC connectors (S094) when probes are replaced, or if they look corroded. BNC connectors are the piece that connects the probe cable to the controller at the bottom of the controller.
- 2) Replace relays (S041). The relays are located on the left hand side of the main circuit board, right next to the fuses.

Troubleshooting

For troubleshooting assistance, please call our technical support department at 800/444-0675, x108. We are generally able to solve most problems over the phone and will walk you through the diagnosis process. There is no charge for this service.