

CAT Controller Courier # 12

September 2007

How Often Should I Dump My Spa? Commercial and/or Residential

We all know how difficult spas are to maintain. Their water chemistry is different because they are smaller bodies of water that usually maintain higher temperatures. As a result of the higher temperatures, the introduction of sweat and body oils is increased, along with giving bacteria a better environment to live. With all of these added factors in your spa water your oxidizers and sanitizers will be less effective. "The water in your spa or therapy pool should be replaced based on user loading." says the NSPF. Because spas and therapy pools are smaller bodies of water it makes it easier, safer, and more cost effective for us to dump them more frequently than a pool. Below is a calculation that should help you understand how frequently to dump your spa. If you have any questions please feel free to contact Troy McGinty at 800-657-2287. Good Luck!

$$\text{Replacement Interval (Days)} = \text{Spa Gallons} \div 3 \div \text{Average Users Per Day}$$

Or Metric

$$\text{Replacement Interval (Days)} = \text{Spa Liters} \div (3 \times 3.78) \div \text{Average Users Per Day}$$

Introducing the Innovative Self Powered Chemilizer Pump

We recently had the opportunity to evaluate a non-electric, water-driven chemical injector and were so impressed we thought we'd tell you about it!

Chemilizer Products' **HN55** and **CP33** injectors have a simple but effective design. They incorporate a waterdriven motor, which utilizes an efficient, reliable diaphragm design; and a positive-displacement pump, which dispenses a precise amount of chemical solution. Since the chemicals to be injected don't pass through the water motor, the injectors are extremely durable. In fact, Chemilizer offers a 2-year warranty on the motor that is not limited to defects in manufacturing!

You're probably wondering how a non-electric device would work in a pool application with a CAT Controller. It's easy. Operation of the Chemilizer injector is controlled by the simple addition of a normally closed solenoid valve.

When the CAT Controller determines that the water needs to be treated, it triggers the solenoid valve to open, diverting water flow which activates the injector. When the Controller determines the water is optimally conditioned, it triggers the valve to close and the injector ceases operation.

Chemilizer injectors are a cost-effective solution that your customers will appreciate. Chemilizer injectors are reasonably priced, durable, and easy to maintain, providing a low total-cost of ownership. Typical maintenance involves servicing the chemical pump, which is quickly and easily done without tools!

Chemilizer is extending a special opportunity to CAT Controller dealers; call 1 (800) 234-7211 for details. To learn more about Chemilizer Products, call 1(800) 234-7211 or visit www.chemilizer.com.

2007 National Swimming Pool Foundation Conference

For the fourth consecutive year, global recreational water leaders will gather at the World Aquatic Health™ Conference, October 2-4, 2007, in Cincinnati, Ohio, at the Hilton Cincinnati Netherland Plaza Hotel to hear 45 exceptional speakers deliver cutting-edge seminars hosted by the National Swimming Pool Foundation®.

The conference will spotlight how we can improve safety, reduce risk, and attract more people to swimming pools and spas and to aquatic facilities. Presenters will help you plan, understand, and implement new aquatic design features and manage risk to employees and guests. Leading scientists will present seminars that focus on the prevention of exposure to recreational water risk for both acute (diarrhea, rashes) and chronic disease (cancer, asthma). Ten presentations will focus on new technologies that prevent illness and injury and new tools that can improve pool and spa operation.

Ms. Debbie Meyer, three-time U.S. Olympic Gold Medalist, will kick off the conference on Wednesday morning with her keynote address, *Swimming, The Adventure of a Lifetime*. Seven educational tracks will shed light on these critical topic areas:

- Aquatic Facility Design & Risk Reduction
- Recreational Water Illness (RWI) Prevention
- Disinfection By-Products
- Industrial New Technology
- Aquatic Health Benefits
- Aquatic Programming
- Drowning Prevention & Lifeguarding

Conference registrants may complete their registration via the NSPF® secure website, www.eProAcademy.org. Alternatively, registration forms may be downloaded from www.nspf.org and

submitted by fax or mail. All "in person" registrants receive a printed copy of the WAHC proceedings at the conference. Complete speaker and seminar information may be found at www.nspf.org.

And now a word from our customers.....

Dear CAT Controllers, Inc.,

St. Lawrence Pools has been selling CAT Controllers for 5 years now. CAT Controllers offers a product that is both easy to install and simple to use. Once installed and after brief instructions to our customers, they are ready to enjoy all the benefits your controllers offer.

We always find your company to be responsive to our needs. We have used your tech services for troubleshooting while on site. Guidance is always available and we appreciate the ability to just pick up the phone and deal with the problem. Your shipments are prompt and ordered parts arrive very quickly. CAT marketing materials bring life to our sales presentations and the visuals allow the customer to get a better picture of what they are buying.

Our local health inspectors are always happy to see pools and spas with automatic controllers. With these installed, they are satisfied that safe water is being maintained and that operators are more likely to meet the regulation requirements. As more of our customers obtain Cat Controllers, we find that the health inspectors are going to other sites and recommending their use.

We look forward to our continued relationship with CAT.

Denis Thibodeau

CAT Controllers Monthly Training Seminars

Please review the following training agenda and select the dates you wish to attend and put the number of employees that will be attending each date in the parentheses.

Thursday September, 13, 2007 (CPO Fusion)

Friday September, 14, 2007 (Dealer)

Friday October, 5 2007 (Dealer)

Thursday November, 01, 2007 (CPO Fusion)

Friday November, 02, 2007 (Dealer)

Friday November, 16 2007 (Dealer)

Thursday December, 06, 2007 (CPO Fusion)

Friday December, 07, 2007 (Dealer)

Please take notice of the CPO Fusion Classes. Contact Troy McGinty at CAT to request your CPO Primer Online Code and finish your first day of CPO class on-line. After finishing the online portion of the CPO class, pick one of the above dates to complete your CPO Course and follow it up the next day with a full CAT Dealer Training. CPO Fusion Classes are not mandatory and anyone is welcome to come to our CAT Dealer Training.

Friday Dealer Training Agenda

9:00 Welcome Breakfast with Coffee, Juice and Danish
9:30 Advanced Water Chemistry and the ORP Method
10:30 CAT 2000 Series microprocessor based controllers
11:30 Selecting the proper Chemical Feed Equipment and Accessories
12:30 Catered Lunch
1:30 CAT 4000 Wireless Web Based Controller
2:00 CAT 5000 and Satellite Based Wireless
2:30 Sales Strategies and Water Quality Management Programs
3:30 Troubleshooting
4:00 Dealer input and feedback on existing controllers and future improvements

CALL TO REQUEST CPO FUSION AGENDA

In addition to this valuable training each attendee will receive a CAT training manual and certificate of completion. To register for either the CPO Classes or the CAT Training Seminars please e-mail Troy McGinty at mtmcginty@chemauto.com

Save \$100

Send ANY old pH and ORP automated water chemistry controller to CAT and get \$100 off of your next purchase with CAT Controllers. This offer never expires so keep this in mind the next time you see an old controller laying around in that old pump room and send it to CAT to get \$100 off of your next purchase. Offer Expires: NEVER

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