Doughboy's Ozone Purification System Adds Up to More Pool Pleasure

"the original portable pool"

doughboy®

The perfect prescription for a pool that is more fun and less work is to pair it with an ozone sanitation system.

Your big investment in a pool is in the type of construction you choose. In going through the options carefully, a lot of people these days conclude that a well-made above-ground pool is the best choice for lasting value and low maintenance.

But what about the water you put in that pool? On a day-to-day basis, your pool fun to work ratio depends a lot on how much time and effort you spend maintaining the water quality you need to safeguard your family's health.

More and more experienced pool people recognize that the best residential pool sanitation routines begin with ozone.

On the back of this brochure, you will find an outline of a water maintenance routine that will simplify your work and make your pool as clean as it can be.

Why Switch to Ozone?

Ozone has been used for disinfecting municipal water, bottled water, and commercial pools for many years. But many pool owners and even pool professionals have stuck with the tried and (sometimes) true chemical sanitation routine usually based on chlorine. It often seems this well-known option works, so why change?

Actually, there are lots of good reasons to simplify your pool maintenance job with ozone. Here are a few of them:

- Ozone makes your pool cleaner because it is a better oxidizer than chlorine. That's why the Centers for Disease Control's Model Aquatics Health Code has recommended ozone disinfection as one of the approved methods to be used together with chlorine in commercial pool disinfection.
- Ozone kills dangerous microorganisms that can get into shared water almost on contact, far quicker than chlorine.
- Ozone destroys a wider range of contaminants than chlorine, including those typical things like lotions, cosmetics, and urine that chlorine doesn't touch.
- Dissolved ozone has no by-products except ordinary oxygen. Ozone is easy to add, effective, and leaves nothing to clean up after.
- Ozone is injected whenever your pump runs. A properly sized ozone system is almost automatic sanitation.
- Ozone permits a big reduction in supplementary chemicals saving on chemical bills, and at the same time it's easier on the environment.

The bottom line is that ozone is effective, safe and economical. And on top of that it makes for a much simpler program for keeping that elusive "water balance".

The Fool Proof Ozone Water Quality Program for Pools

There is no pool water sanitizer that can stand entirely alone, not even ozone. However, the ozone-based program is the simplest and most effective water maintenance routine you can choose. Follow these steps for high quality water in your pool.

1. Begin with clean water. This is obvious, of course, but it is important to make sure that the pool water begins the routine in a clean balanced state. The pH should be in the range 7.2-7.8 with a total alkalinity target of about 100.
2. Install a properly sized ozone system (Installation is simple – see the image at left. The blue device is the ozonator). If you already have an ozone system, the tubing and backflow preventer should be replaced regularly – annual replacement on pool startup in spring is a good idea. Whenever you replace the backflow preventer and injector, make sure they are in the proper direction of the flow (follow the directional arrows on the device).
3. Make sure the ozone system is installed to operate off the electricity service at the same time the pump is running. It is important to run the pump at least 8 hours per day to disinfect the water with normal turnover.
4. Test the pump operation.
5. With the pump running, test the ozone system to make sure it is injecting ozone into the pool's return water line (downstream of the pump).
6. Add a small amount of chlorine to achieve a FAC (free available chlorine) of about .5 to 1 ppm. Chlorine is necessary to keep a background sanitizer throughout the pool water body to prevent the establishment of algae that does not pass through the ozone stream.
7. Test the pool water on a regular schedule and maintain the chlorine level as recommended.

Following this ozone-based program reduces the level of chemicals required so much that many of the difficult chemical interactions that occur in traditional pool sanitation programs will not happen. There is no substitute for regular monitoring to make sure the water is clean, but with ozone you will find fewer problems to fix.

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Visit our website at www.doughboy-pools.com

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