www.clear-n-safe.com Phone 904-636-0903

North East Florida Chemical Corp.

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Chlorine Times

In this issue:

Pools Add Value to Your Home

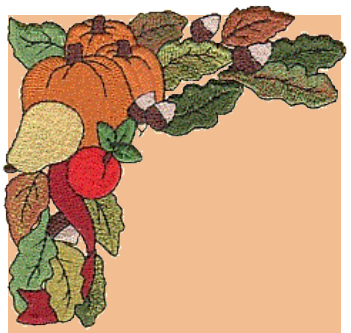
According to The National Association of Realtors, in-ground pools tend to add value to a home. Nationally, the added value average is about 7.5% or about the same amount it would cost you to sell a home. Therefore, keeping your pool in excellent operating condition is very important to your home's value. Maintaining the pool also insures the safety of those who use it by ensuring bacteria and algae are killed.

Staining of Swimming Pools

All natural water supplies, either in their raw state or after treatment with chemicals, contain dissolved mineral matter. They are always present in tap water. Mineral constituents, such as silica, iron, manganese, copper, cobalt, nitrates, nitrites, potassium, etc. are usually found in water and can cause staining in swimming pools.

Stains can be caused naturally by minerals or metals in the water supply or from leaves, hairpins or anything metal that come in contact with the pool surface. Accumulation of iron and other metals is increased constantly by evaporation. The mineral content of the water in a pool increases every day. This is due to the natural evaporation which removes only distilled water and leaves all the minerals in the pool. Leaving pool toys or lounges made of aluminum can also add metal to a pool.

As you can see, there are many sources that can contribute to the accumulation of metals or minerals in swimming pool water. It is not possible to guarantee anyone that staining will not occur on their pool. Sooner or later it will happen, possibly with reoccurring frequency. Emptying the swimming pool and performing an acid wash will remove stains. Unfortunately, this is labor intensive and expensive. Some stain sources such as organic can be effectively super chlorinated and continuously filtered. Sequestering agents are rapidly becoming the most common approach to eliminating minerals from pools. Effectively treating stains with chemicals often times requires that normal levels of chlorine must be lowered during the treatment period. In warm weather this situation leaves a pool vulnerable to algae blooms. For this reason, we prefer to perform our stain treatments during the cooler times of the year.



For Stain or Repair Service Call:
904-636-0903

Fall is a great time to earn FREE service for referring new customers to us.

Earn one FREE month for each new customer referred!

Tentative Stain Treatment Date

We have tentatively scheduled stain treatments to begin on November 7, 2011. Last year warm water conditions prevailed through mid November. Should this occur again, we will delay the start date. You are encouraged to schedule your stain treatment needs now. We do stain assessments and cost estimates prior to performing the treatment.

Variable-Speed Pumps are Coming

Effective January 1, 2012, every licensed pool repair contractor will be required to install variable-speed pumps when replacing an old pump or building a new pool in the state of Florida. The bad news is these pumps may cost three times the cost of the old units. The good news is that variable-speed pumps are designed to save energy and improve water quality.

Variable-Speed Pumps Improve Water Quality

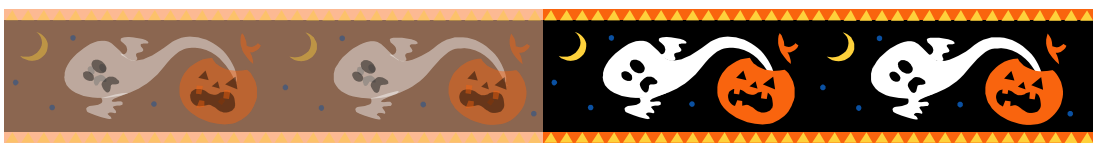
While these pumps are capable of pushing water through the system at full speed when it is needed for filtering, heating, cleaning, etc. these new models can keep water circulating up to twenty-four hours a day and still save on electricity.

Having your pool water moving twenty-four hours a day means the water is never sitting stagnant. Bad things happen to water when it is not moving, such as debris build-up, algae blooms, etc.

Variable-Speed Pumps Save Energy

Running these pumps twenty-four hours a day does not mean higher electric bills. The new technology means the pump is working smarter not harder. The secret to minimizing pump energy requirements is to operate at the lowest speed possible. Reducing pump speed by half reduces power needed to an eighth of what was previously required.

Home owners can expect to save between $600 and $1,500 over the life of the motor, providing sufficient savings to pay for the increase in pump costs in a matter of months.



Note: Doug Walsh was a contributing writer to the variable-speed pump articles published herein. These articles represent excerpts from a story he wrote for Service Industry News, September 2011 issue. We greatly appreciate his technical contributions to the variable-speed articles.