

We are pleased to announce that the Blue Ash YMCA has invested in a Delta UV - Ultraviolet disinfection system for the Ferris Swimming Pool. It has been install and will be in operation by Monday, September 29, 2014. This system will bring a better swimming experience to all of our YMCA members who swim in the Ferris Pool. More Information is below for you-

The main benefits of UV-C are as follows:

- UV Light disinfections are environmentally friendly, add nothing to the water, and don't generate harmful DBP's. It destroy bacteria, virus, algae, cryptosporidium, giardia,..., in seconds without leaving any harmful end products.
- Simple to use and does not modify the physico-chemical characteristics (change in taste, smell) of the water.
- There is no risk of over-dosing.
- May be combined with other treatment processes (filtration, softening etc.)

Does the Delta UV System Eliminate The Chlorine Smell Found In Many Pools?

- Yes. You will find the environment of pool water to be superior to any previous water condition within 1-3 days after installing a Delta UV system. The UV rays not only sanitize the water, but dramatically reduce or eliminate the Chloramines normally present in pool water when chlorine combines with nitrogen-ammonia compounds to form Chloramines, and produce the chlorine smell that is so obnoxious and unhealthy.

Will Chlorine or Bromine Use Be Reduced When A Delta UV System Is Installed?

- Yes, studies and users report a dramatic reduction in chlorine or bromine use when a UV sanitizing unit is installed on a swimming pool. Savings of 70% – 85% in chlorine consumption are commonplace and should be expected. The addition of a Delta UV System provides a pool water environment as close to "chemical free" as possible.

Is There Any Residual Chemical Effect From UV?

- No, UV light waves are used to kill bacteria and micro-organisms in the pool water and are applied only to the pool water that passes inside the Delta UV system's wet chamber in visual contact with the UV light wave transmission from the High Output UV lamp. No chemicals are added to the pool by the Delta UV system, and in fact, the pool will become as "chemical free" as possible when the Delta UV is installed.

How Does It Work?

The sun emits invisible light . This natural phenomenon is reproduced inside the chamber of the Delta UV ranges UV systems using powerful lamps, result of leading edge technology, that emit UV-C rays. At 254 nanometers, the optimum wavelength for destroying micro-organisms (viruses, bacteria, algae, yeasts, mould...), the UV-C penetrate to the heart of DNA (altering the DNA of the microorganisms in a process called thymine dimerization) and disturb the metabolism of cells until they are totally destroyed.

UV is effective at inactivating bacteria, viruses and protozoa such as Cryptosporidium and Giardia.