PROPER IINSTALLATION GUIDLINES

STEP 1

Plan out the installation, taking into account water flow, friction loss, control box location and power source.

STEP 2

The ZeroChlor chambers must be installed as the last piece of equipment before the water returns to the pool.

STEP 3

The UV chamber should be mounted vertically. The ionizing/oxidizing chamber can be mounted horizontally. Take into consideration the ease of future servicing.

STEP 4

Water must flow through the UV chamber first, then the oxygen chamber and finally the ionizing chamber.

STEP 5

Establish filter location. If using glass, add 15% extra course media, then 15% course media and complete with 70% fine. Make sure filter laterals are covered and level, before adding the fine media.

STEP 6

Install filter and complete plumbing. Locate flow meter after filter and before DWPS. When pump is powered up, check for leaks. Back wash and rinse three cycles for a total of nine minutes, if using glass media.

STEP 7

Wire control box to 220 VAC power source, it is not 120 VAC compatible. Blue and brown are power, (reversible) yellow/green is ground. System draws 2.5 amps. Note: unit must be wired so that it is only on when the pump is running. Variable speed pumps preferred.

STEP 8

The white electrode cable attaches to the black titanium plates. The black electrode cable attaches to the copper ionization plates. Undo cable ties and plug the UV cable(s) into he bottom of the control box.

STEP 9

Do not apply power to the plates until the calcium level in the pool reaches 250-400 ppm and the pH is in the 6.8-7.2 range. You can turn on the UV lamp(s) at this time.

STEP 10

First 30 Days: Follow plaster manufacturer's recommended curing process. Next 30 Days: Run ZeroChlor with ionization OFF (UV and Oxygen ON). Do not ionize gunite or shotcrete pools until surface material is completely cured (60 day min). Set ionic program dial to 100%. Follow unit setup procedure on front of control panel.

STEP 11

Once powered on, it should take a week or two for the copper residual to rise to the required level of .5. We recommend that you run the pool system 24/7 until this level is met. During this time you may add a non-metal algaecide or a non-chlorine shock.

STEP 12

Once your copper level reaches .5, run the system at the proper GPM to achieve a minimum of two turnovers per 24 hours. Maintain blue readout 1.50-2.00, red readout .200-.350. If lower, check connections and calcium level.

WARNINGS

DO NOT ADD CHLORINE TO THE POOL WHILE THE ZERCHLOR IS POWERED. THIS WILL DAMAGE THE SYSTEM. DO NOT ADD METAL BASED ALGECIDES OR METAL REMOVERS. WHENEVER ADDING CHEMICALS TO THE WATER, POWER THE ZEROCHLOR OFF!

HIGH PH WILL DAMAGE YOUR ELECTRODES AND CAUSE A BUILD UP ON YOUR ELECTRODES RENDERING THE SANITATION PROCESS IMPOSSIBLE.

NEW POOL VINYL LINERS

IF A ZEROCHLOR IS INSTALLED IN TANDEM WITH A NEW LINER, LIQUID CHLORINE MUST BE ADDED TO SEAL THE LINER AT STARTUP. (1-2 GALLONS) ADD AFTER STEP 6, WHILE THE WATER IS BEING BALANCED.