

# HOPES OF AN OZONATED POOL OWNER



Swimming pools were only essential part of the high net worth individuals once. Today the higher middle class income group has joined this club. One common aspect of these individuals is that they are busy and find very little time for recreations. Hence they develop recreation facilities in their homes. Swimming pool is one important recreation facility in the home. They also provide owners ways of maintaining health and an effective exercise that can replace gym going and the morning or evening walks.

Swimming pools are expected to be clean and the water must be bacteria free. Water can be a dangerous source of spreading infections. Also chlorine – that has been used to keep the swimming pool water clean and is also responsible to minimize many side effects caused by swimming pools. Ozone has come to the rescue and has become an essential part of swimming pool water treatment. Ozone has to perform this role for the pool owner. All people want bacteria free water in their swimming pool.

**Pool Owner's Problem:** He does not know if his water is bacteria free. Also getting the water tested regularly could be an issue. All he can measure is

residual chlorine and hope the level he maintains provides him with clean water. But we all know residual chlorine achievement does not guarantee bacteria free water. We only measure residual total chlorine and not the active chlorine but the active chlorine also requires to be measured. These are reasons why an ozone treatment provides a better solution. Ozone with this residual chlorine could solve this problem.

A correctly designed ozone system can provide the guarantee of measuring both the chlorines as it is more powerful than chlorine. In ozone system, dose required is small and contact time required only in seconds. So maintaining a small residual chlorine level with ozonation will almost guarantee the pool owner a safe pool.

## What is the Pool Owner's Problem Today?

He buys an ozone system and expects it performs a better job to keep his pool safe. However in today's scenario, he is not sure if the ozone system is working and performing rightly. He is not sure if the ozone system is delivering the correct quantity of ozone. He would not even know if his ozone system is working or not until one fine day he finds

that his pool is breeding pathogens. In most cases pool owners find that the ozone system works only for a few months.

## Role of a Pool Builder

A builder is an important link between the pool owner and the ozone supplier. He has an important role to play to ensure pool safety. He depends on correct information from the ozone supplier. He needs an insurance that the ozone system is producing the ozone it is required to produce and that an indication that the ozone is working.

## Ozone Measurement

Ozone measuring instruments are expensive and can cost half the cost of a pool filtration system. This is the only reason why the pool owner feels so frustrated after having purchased an ozone system. He is only hoping all the time.

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