

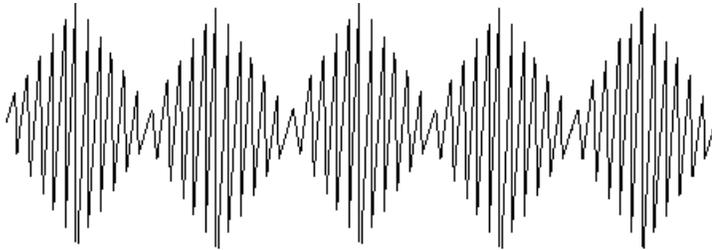
TRIANGULAR WAVE Fact Sheet

Triangular Wave Generators Surpass Square Wave Generators

Colloidal particles in the water will have their surface charges enhanced if there is a induced voltage applied to them. And, an induced voltage will only be applied if the current in the solenoid wire is changing.

Triangular Wave Generators--

The **Triangular Wave System** uses triangular wave generators to change polarity and modulate both the frequency and the amplitude of the current. The frequency varies from 2,000 Hz to 7,000 Hz, and the amplitude (power) varies from 0 to maximum in sync with the low frequency modulation.



The current to the solenoid is changing 100% of the time; therefore, there is an induced voltage applied to the colloidal particles 100% of the time; rather than a minimal amount of the time with a square wave generator.

Square Wave Generators--Treats water relying on square wave generators. A design that is unable to provide the wide spectrum of energy that the patented Triangular Wave System can and does.



Square Waves have flat plateaus and flat valleys, and the current only changes when the wave changes from a plateau to a valley or from a valley to a plateau. That change occurs only a minimal amount of the time. Therefore, the voltage is only induced a minimal amount of the time, and the water is only being treated a minimal amount of time.

