

OzoneMAXTM

Vacuum-ultraviolet Ozone Systems

Model OZ-30



- Handles swimming pools up to 30,000 gallons
- Universal voltage 115 or 230 VAC / UL/CUL listed
- 1-1.4 grams output per hour
- Estimated 14,000 hour lifespan of UV lamp (3-6 years)
- One year warranty

Model OZ-60



- Handles swimming pools up to 60,000 gallons
- Universal voltage 115 or 230 VAC / UL/CUL listed
- 3 grams output per hour
- Estimated 14,000 hour lifespan of UV lamp (3-6 years)
- One year warranty

Venturi Injection kit with manifold



Venturi Injection kit unassembled



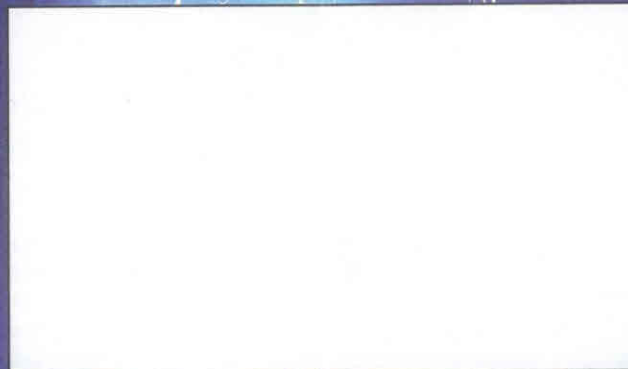
The OzoneMAX system requires one of the above injector kits



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Vacuum-ultraviolet Ozone Systems

Authorized Dealer



Manufactured by



Established 1989

OzoneMAX.com



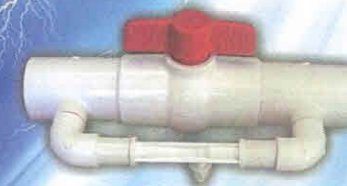
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OzoneMAXTM

Vacuum-ultraviolet Ozone Systems

*Enhance your pool
...to the max*



OzoneMAX³ - the perfect complement to MineralPURE



By adding our new vacuum-ultraviolet (VUV) **OzoneMAX** system alongside the **MineralPURE** system, you have the most thorough and effective chlorine alternative system available in the world. Ozone is formed naturally throughout the Earth's atmosphere when sunlight reacts with oxygen molecules and during lightning storms.

- Further reduces chlorine and oxidizer use with **MineralPURE**
- Powerful oxidizer reacts 3,000 times faster than chlorine
- Improves water clarity - crystal-clear water
- Safe to use & produces no harmful by-products
- Eliminates harmful chloramines



MineralPURE is a copper & copper-silver ionization system that greatly reduces the need for chlorine in swimming pools. *Clearwater Enviro Tech* has manufactured them since 1989, and is now adding an ozone system to its product line.

OzoneMAX³

Vacuum-ultraviolet Ozone Systems

The Power of Ozone

Ozone is the most powerful oxidizer and disinfectant known to man. It is 55 times more powerful than chlorine and reacts 3,000 times faster. **OzoneMAX** employs a light source that generates a narrow-band ultraviolet light. Our sun sustains the ozone layer in the stratosphere of Earth, and a similar occurrence takes place in our weather-proof, aluminum enclosure.



The Perfect Combination

The **MineralPURE** system helps kill algae and bacteria in the water while maintaining a strong residual presence, but it will not oxidize materials already in the water. By adding **OzoneMAX**, you have the safest and most powerful system possible in reducing the need for chlorine in swimming pools & hot tubs.

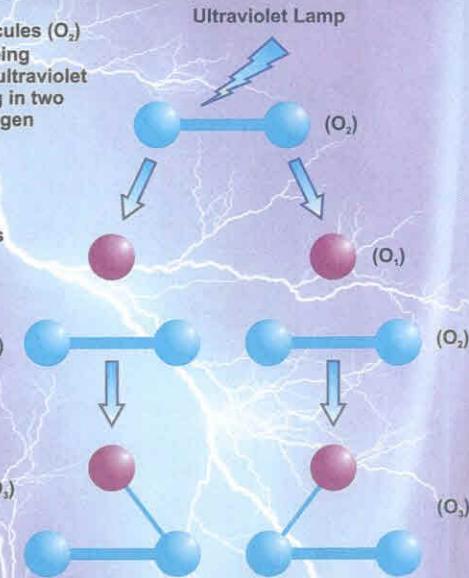


How Ozone is made

Oxygen molecules (O₂) are split by being exposed to a ultraviolet lamp resulting in two individual oxygen atoms (O₁).

These individual oxygen atoms (O₁) combine with other "normal" oxygen molecules (O₂) to produce Ozone (O₃).

Thus:
O₁ + O₂ = O₃



How Ozone works

An oxidation reaction occurs upon any collision between an ozone molecule and a molecule of an oxidizable substance(s) (i.e. algae, bacteria, viruses, fungus (mold & yeast), suntan oils, body oils, sweat and urine).

These Oxidized compounds then "clump" together thus greatly enhancing your filter's capability to capture these organisms from your water. Once the ozone loses the third unstable oxygen molecule, it simply reverts back to life breathing Oxygen.

