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RENAISSANCE™

Pure Water From Ultraviolet Light



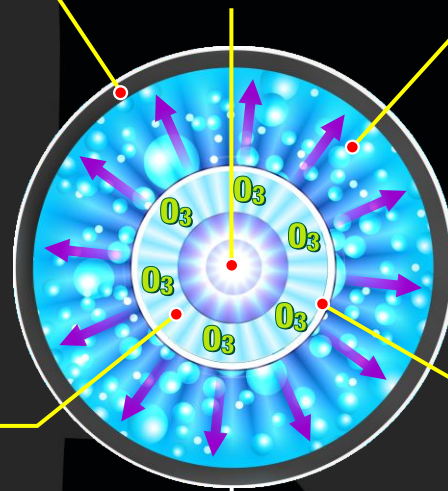
1. Chamber Wall

2. Ultraviolet Lamp produces UV light for sterilization and Ozone for oxidation

3. Using the existing pool pump, water flows through the chamber and is sterilized by UV light from the lamp

5. Simultaneously, Ozone (O₃) is captured inside the quartz sleeve and injected into water as it exits the chamber.

4. A transparent quartz sleeve surrounds the lamp insulating it from water flowing through the chamber



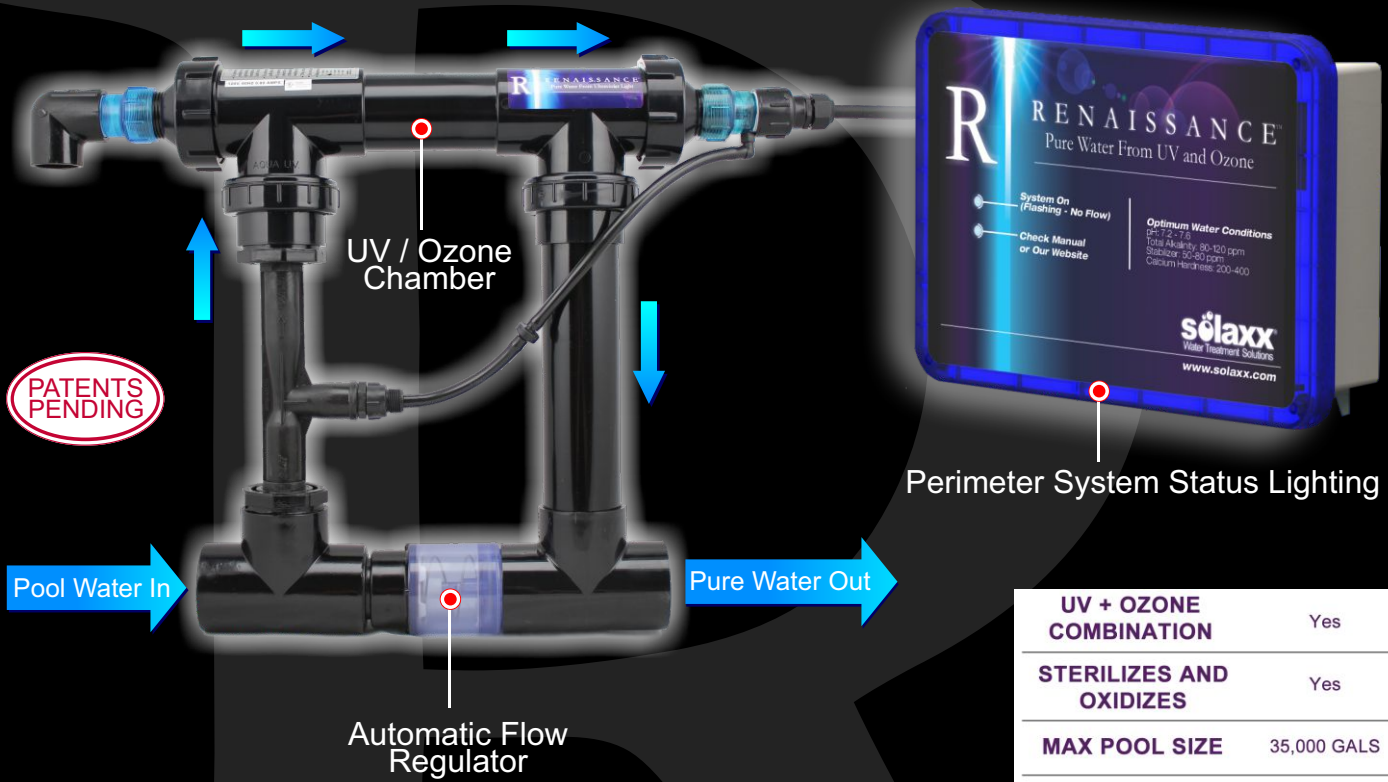
Sectional view

ULTRAVIOLET + OZONE IN ONE POWERFUL SYSTEM

Renaissance combines an Ultraviolet Sterilization Chamber with the power of pure oxygen (Ozone) to treat your water. These two naturally powerful processes eliminate 99.99% of all contaminants in water and reduce the use of pool chemicals up to 80%. No toxic chemicals are used, no metals or minerals, only pure light and pure oxygen.

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How it Works

- Using the existing pool pump, water is circulated through the Renaissance Chamber where it is sterilized to the quality of drinking water and then returned to the pool.
- Renaissance automatically regulates water flow through the chamber for maximum sterilization and minimum impact on other equipment.
- Uses no chemicals, minerals or metals, just pure light and pure oxygen.

UV + OZONE COMBINATION	Yes
STERILIZES AND OXIDIZES	Yes
MAX POOL SIZE	35,000 GALS
MAX OPERATING PRESSURE	50 PSI
MAX GPM	100 GPM
HEAD LOSS	< 5 feet @ 100gpm
BULB LIFE	13,000 Hours
BULB WATTAGE	57 Watts
UV PERFORMANCE	30 mj/cm2 Regulated Flow
OZONE OUTPUT	400 mg/hr
110 OR 220V AVAILABLE	Yes
DRY FIRE PROTECTION	Yes
WARRANTY	3 Years



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