# Naturally Clean, Naturally Carefree.



# UV PURIFIER PLUS OZONE SANITATION

### Ozone, Nature's Purifier.

As spa water passes through the filtration system, it is treated with our exclusive purification system, EverPure2™. This powerful combination of ozone and UV-C is proven to deliver more sanitizing power for a better quality water. The PDC Spas EverPure2™ system utilizes a C rated lamp featuring a germicide wave length specifically for hot tubs and swim spas. Owners can expect a full 10,000 hours of performance. A sight glass, EverLite2™ is mounted on the cabinet side as an indicator the EverPure2™ system is hard at work purifying your water and putting your mind at ease.

Spa water is first treated with ozone, then exposed to UV light to ultimately create hydroxyl radicals. As an oxidizer, hydroxyl radicals deliver the most advanced sanitization destroying organic and inorganic contaminants instantly. The ultimate solution to stress-free water care, EverPure2<sup>TM</sup> requires less maintenance while reducing chlorine consumption.



This powerful advanced oxidation process using ozone and UV-C is proven effective and widely used in the purification of drinking water and sterilization in health care environments.

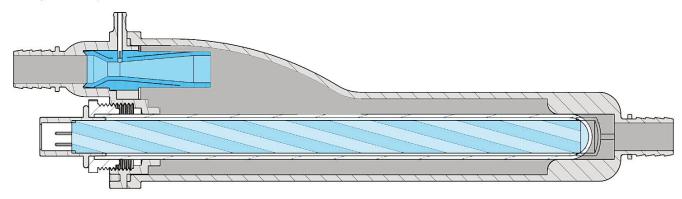
#### **TECHNOLOGY**

With the unique combination of ozone O³ and UV-C technologies, EVERPURE2™ is the ultimate solution for water sanitazation in one compact and simple system. Providing the water quality and spa care one could expect from chlorine/salt water systems, EVERPURE2™ has more sanitizing power, better reliability, and less hassle, all while significantly reducing residual chlorine consumption to deliver the most advanced sanitazation potential available.

#### INNOVATION

The patent pending built-in venturi injector system provides superior water - ozone -UV mixing for even greater water quality. It will also save you space, time and money in production costs. Simply plumb one tube in and one tube out. No separate injector plumbing required.

Built-in fault detection and lamp life timer software takes the guesswork out and ensures the system is operating at its optimum.



## **HOW IT WORKS**

Ozone is produced first, and then exposed to UV light. Once exposed to the UV light, the O³ is converted to hydrogen peroxide, which is further converted to hydroxyl radicals. As an oxidizer, hydroxyl radicals have been found to be more potent than hydrogen peroxide or ozone and much more powerful than chlorine.

This is true synergy in that the whole is greater than the sum of its parts. Scientists have found that the amount of UV & ozone needed to complete this task was far less when used together, than when used alone.







RENEW · RELAX · REPEAT

75 Palmer Industrial Road • Williamsport, PA 17701

1.800.451.1420 www.pdcspas.com