

# Chemical Free Clean Natural Spa and Whirlpool Water Treatment

## PZ1 — Portable Spas and Whirlpool Baths

Ozone is created on site, using Advanced Oxidation and Hydroxyls for the most effective sanitation system available. The PZ1 ozone generator for portable spas and whirlpool baths features our patented Hybrid arc tube and solid state power supply mounted in a rugged aluminum case.



### T-O<sub>3</sub> NATURAL TECHNOLOGY

Reduces Chemical Usage, Improves Sanitation, Eliminates Odors,  
Produces Crystal Clear Water

#### PZ1

##### Specifications & Features

- Prozone Patented Corona Hybrid Arc Tube
- Prozone Solid State Ballast
- 110 VAC 60 Hz or 230/240 VAC 50/60 hz
- Connection: All common configurations available
- Ozone Purity: 100%, no nitrogen byproducts
- Arc Life (nominal): 20,000 hours
- Operating Temperature: -25° F to +120° F
- Weight: 3 lbs.
- Dimensions: 8" x 3 1/2" x 3"
- Case Construction: Extruded Anodized Aluminum

##### Configurations, Options, Kit/Package Description

Standard Kit includes:      Optional:  
Check Valve                      Prozone Patented Dynamic  
Mounting Screws                Venturi Injector  
   Patented Bypass Installation Kit

##### Injector Performance data:

	1 PSI	2 PSI	3 PSI	8 PSI
PZ 684	1 CFH	2 CFH	3 CFH	5 CFH

Patents #5,075,016; #6,192,911; #6,426,053; #6,342,154  
and patents pending

### Features

- Prozone Patented Corona Hybrid Arc Tube harnesses the high ozone concentrations of Corona Discharge generators while maintaining the simplicity and reliability of VUV technology.
- Solid state power supply.
- Compatible with all major spa and whirlpool bath brands.
- Easily retrofittable to existing spas and baths.
- Optional Prozone Patented Dynamic Venturi Injector Bypass System allows maximum ozone/water mixing for superior water quality. The bypass also means a quick retrofit installation or replacement for all existing ozone generators.
- Rugged, functional housing: heavy extruded aluminum case for durability; translucent gasketing glows when system is on.
- Low cost, low maintenance operation.
- Warranty – 2 years.

### What is Corona Hybrid Technology?

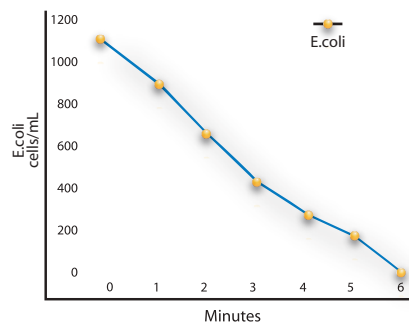
Prozone's patented Corona Hybrid Ozone systems combine VUV and Corona discharge technologies. Hybrid systems provide higher concentration ozone generation without the corrosive by-product of traditional corona discharge machines. The result is a new technology that produces reliable output while taking advantage of VUV inherent simplicity, ruggedness and pure ozone production.



Environmentally Friendly



### Bacterial Kill Rate in Bath Water



Oxidation is a process that destroys or burns up bacteria and pollutants. In water, tri-oxygen oxidizes combined chlorine and bromine, freeing them to be continuously re-used. Therefore, the need of chemicals is reduced.

Tri-oxygen cuts through biofilms like a knife or scissors. The individual bacteria are easily oxidized by the Tri-oxygen.

Your pool water becomes drinking water pure and soft. No more skin or eye irritations, swimsuit fading or odors.



Source: Joint study between The University of Alabama in Huntsville and Prozone Water Products. The objective of the study was to evaluate the efficacy of the Hybrid in sanitizing the water of a whirlpool bath.

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