

Ensuring the **Safety** of your **Water** with **Confidence**

# Aqualight<sup>®</sup> POZ

ULTRAVIOLET OZONE SYSTEM

Ozone is generated when an oxygen molecule (O<sub>2</sub>) is exposed to high energy, UV light and is converted to an ozone (O<sub>3</sub>) molecule. This extra oxygen atom is what makes ozone a highly "energetic" oxidizer. Ozone's effects come when this extra oxygen atom is released and allowed to oxidize and destroy bacteria, viruses, as well as other organic matter in POOL or SPA. Ozone can also break down harmful chemicals and act as a flocculation to coagulate various insoluble particles which can then be easily removed by the filtration system.

Ozone's powerful oxidizing abilities work in conjunction with your sanitizing agent to provide a healthier, cleaner bathing experience. As an oxidizer, ozone eliminates objectionable chemical by-products such as chloramine, a totally environmentally safe product.

Advantages: Effective Economical Safe Fast & Easy Automatic Chemical Free

Applications: Pool SPA



**Aqua Lightech Limited**  
[www.aqualightech.com](http://www.aqualightech.com)

Commercial Application

Model	POZ4	POZ4-T	POZ12	POZ12-T
IC Controller	BAP4022-OZ, 220V. (BAP4011-OZ, 110V.)	BAP40365-OZ, 100V.-250V./50-60Hz.	BAP4022-OZ, 220V. (BAP4011-OZ, 110V.)	BAP40365-OZ, 100V.-250V./50-60Hz.
Lamp/Power	GPH373T5VH-LT, 185nm, 19W		GPH888T5VH-LT, 185nm, 41W	
Flow Volume	2,500 gallons (9.5 m3)		20,000 gallons (75m3)	
Disinfection@30mJ/cm2	70mg ozone @ 5 SCFH air flow		220mg ozone @ 5 SCFH air flow	
Dimensions	42x6.5cm (17"x2.5")		92x6.5cm (36"x2.5")	
Inlet/Outlet	3/8" Tube			
Sealing O-ring	Part# LAMPORING2818			

▶ Flow Volume Stated at 95% UVT of EOL (End of Lamp Life)

### Control

- + Lamp Operating LED
- + Audible Lamp Failure
- + Lamp Life 365 Days Countdown
- + Countdown Resettable
- + Total Running Days
- + Lamp Replacement Reminder
- + Deferred Alarm(4 times max.)
- + Dry Contacts(Lamp or Power Fails)

### General

- + SS304 Construction Material, SS316 on Request
- + Vertical or Horizontal Installation

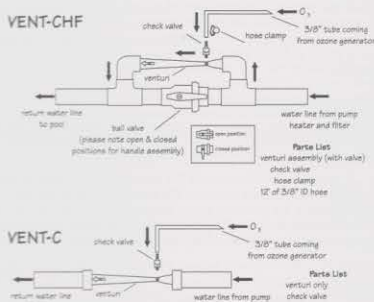


Figure : Water Venturi System

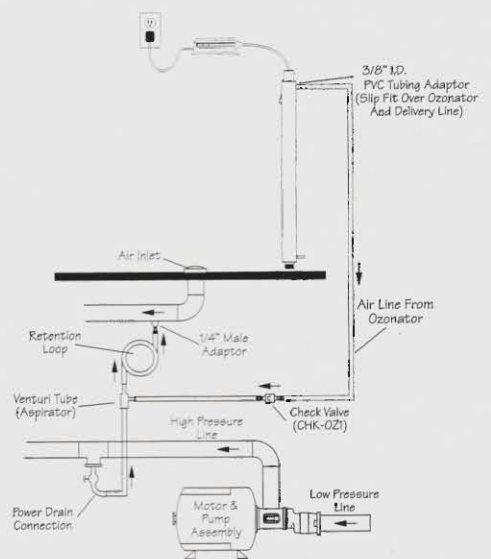


Figure : Pressure Differential System

**Warranty** Aqualight® ultraviolet disinfection systems carry a TWO year warranty on the stainless steel reactor chamber, a one year warranty on UV lamps, quartz sleeve and other components.