

# UV OZONE GENERATORS

## NEGATIVE PRESSURE UV OZONE GENERATOR FOR SWIMMING POOL WATER TREATMENT

### DESCRIPTION

The TRIOGEN UV250 & UV500 ozone generators have been designed specifically for use on residential spas and swimming pools.

The ozone generators incorporate either one or two high intensity low power UV lamps which convert the oxygen in ambient air to ozone.

The systems operate under vacuum conditions created by a water driven venturi ensuring maximum safety in operation.

Designed for long term reliability and easy operation, the units incorporate an ozone resistant gas tight compartment inside which the UV lamps are located.

The UV lamps are easily removable enabling lamp cleaning as well as replacement.

Each unit is supplied with a venturi and piping to allow easy installation.

An optional degassing system is available which removes the excess air/ozone gas thereby eliminating bubbles entering the pool or spa.

The degassing system is supplied with an vent ozone/air carbon destruct system

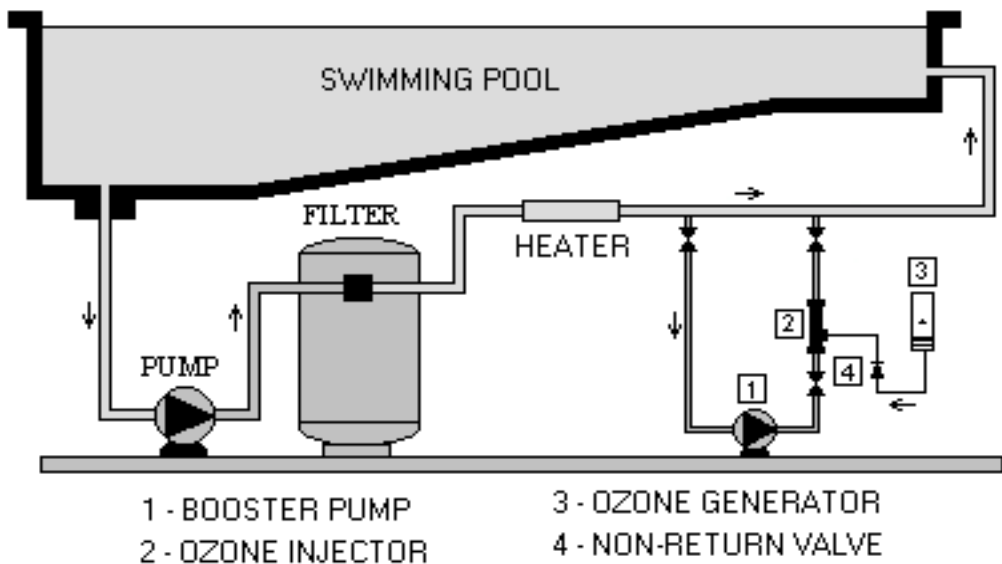
Due to the small space requirement and ease of installation, these systems can be retrofitted to existing pools.



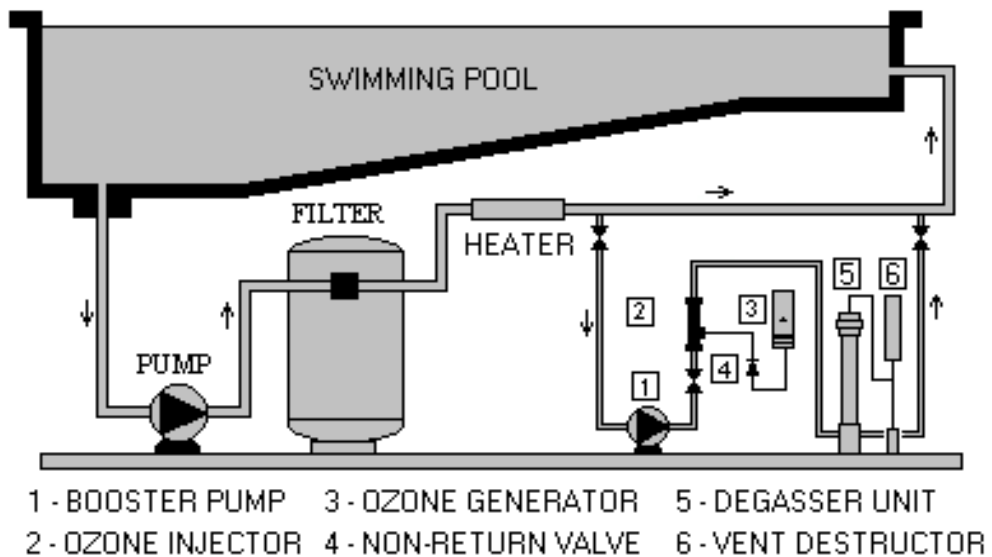
### FEATURES

- Cost effective water treatment solution for residential customers.
- Easy UV lamp replacement & cleaning.
- Easy to install, operate and maintain.
- Can be retrofitted to existing plant.
- Safely lowers the free chlorine residual.
- Effective against chlorine-resistant micro-organisms.
- Significant improvement in water clarity.
- Reduced skin and eye irritation.

# UV250 & UV500 UV OZONE



RECOMMENDED INSTALLATION WITHOUT DEGASSING



RECOMMENDED INSTALLATION WITH DEGASSING

## TECHNICAL INFORMATION

MODEL UV250 - POOL VOLUME 70M<sup>3</sup>  
MODEL UV500 - POOL VOLUME 140M<sup>3</sup>

EACH MODEL IS SUPPLIED COMPLETE WITH OZONE INJECTOR  
& INTERCONNECTING PIPING TO THE OZONE GENERATOR