

Technical

- ◆ Cold Water Temperature < 20°C
- ◆ Pre-filter for peak performance
- ◆ Operating Humidity: < 55%
- ◆ Rated Water Pressure: 0.15 – 0.40Mpa
- ◆ Ozone Concentrations: 0.15 – 0.3mg/L
- ◆ Dimensions: W100 x L126 x H73mm
- ◆ Weight: 310 grams Casing: ABS
- ◆ Do Not Immerse Ozone Generator in Water
- ◆ Curtin University Laboratory tested.
- ◆ 9V transformer available for low pressure water flow installations.
- ◆ Additional faucet attachments are available.

Caution

- ◆ Use in a well ventilated area in Cold water.
- ◆ Ozone's level of effectiveness depends on the quality and organic loading of the water used.
- ◆ Ozone lasts longer in cold pure water.
- ◆ For cleaning purposes use Ozonated water immediately as Ozone will dissipate quickly.
- ◆ For drinking keep water in a cup or jug for at least 5 minutes. This allows time for Ozone to finish working and any excess to deplete into oxygen.
- ◆ OzMagic should be used to improve hygiene standards and not relied upon as a sole method of disinfection. It is good practice to have an integrated water treatment process.



Distributed by:

Algaefree
AUSTRALIA
WATER TREATMENT SPECIALISTS

phone: (08) 9330 9500 fax: (08) 9330 9600

email: sales@algaefreeaustralia.com

web: www.algaefreeaustralia.com

Improve Hygiene

**Clean & Purify
with Ozonated Water**



- ◆ Kill Germs, Bacteria & Viruses
- ◆ Purify Drinking Water
- ◆ Environment Friendly

Easy to Install & Portable
No Batteries or Running Costs

**Harness the Power of
Nature's Ozone.**

Benefits of Ozone

Ozone kills Germs (Pathogens) over 3,000 times faster than Chlorine Bleach. Ozone can destroy or oxidise;

- ◆ Germs & Bacteria
- ◆ Viruses & Protozoa
- ◆ Spores, Cysts, Yeast & Fungus
- ◆ Mould & Mildew
- ◆ Tastes and Odours
- ◆ Dissolved Metals
- ◆ Organic & Algal Contaminants
- ◆ Many Other Contaminants in Water.

Ozone Works Best in Cold Pre-Filtered Water.
Ozone does not remove Fluoride.



Kill Germs, Bacteria & Viruses

- ◆ Wash Hands to help remove Germs and protect yourself from Colds and Flu's.
- ◆ Wash Face to help treat Acne.
- ◆ Sponges, Toys, Bottles & Utensils can all be washed in Ozonated Water .
- ◆ Rinse Fruit, Vegetables and Meat to Improve Shelf Life and Remove Pesticide Residues.

Purify Drinking Water

- ◆ Remove Unwanted Tastes and Odours.
- ◆ Sanitise Scheme or Tank Water.
- ◆ Bottle your own Great Tasting Water for Drinks, Coffee or Tea.
- ◆ Breakdown Carcinogenic Chlorine By-products and Pesticide Residues.
- ◆ Australian Approved Drinking Water Sanitiser (NHMRC Australian Drinking Water Guidelines).



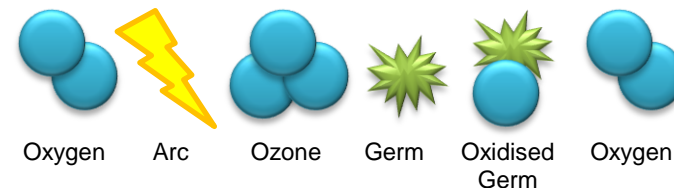
Environment Friendly

- ◆ Ozone produces Oxygen as a By-product of it's Sanitising Action.
- ◆ Electricity is created by a Hydro Powered Generator from your water pressure.
- ◆ No Batteries or Power Outlet Required.
- ◆ No Filter Cartridges or Running Costs.

What is Ozone?

Ozone is a natural and powerful oxidant with the distinct fresh smell of an electrical thunderstorm. Ozone (O_3) is composed of three oxygen atoms that separate to oxidise and destroy germs, bacteria, viruses, protozoa, tastes, odours, organic and algal contaminants. When complete Oxygen is left as a by-product.

Ozone is dissolved to create Ozonated Water that can be used to wash surfaces to help kill harmful germs or to simply purify drinking water. Ozone was first used to sanitise public drinking water in Nice, France in 1906.



How is Ozone Created?

In nature ultraviolet radiation from the sun or lightning splits oxygen molecules into separate atoms that recombine with free oxygen to form Ozone. The Chemifree OzMagic AW1000 creates Ozonated water by using the corona discharge method. Power is created by the unique hydro turbine from your water pressure. Oxygen is then transformed into ozone and injected into your water stream.

Why put Ozone on the Faucet Outlet? (Kitchen, Laundry, Bathroom, Caravan)

Ozone breaks down quickly into pure oxygen and in the process combines with contaminants to destroy them. When completed there are no chemicals or residual ozone left behind to sanitise long term. Because of this Ozone needs to be generated at the last stage before it is to be used, consumed or bottled.