

MAINTENANCE & SERVICING:

Monthly - Check that the cooling air inlet at the back of the unit is free from dust and obstruction..

ANNUAL SERVICE -We recommend that your **KoiOzone©** Unit is tested and serviced every 2,800 hours or at least once a year to ensure trouble-free service.

For Service, return the Unit to your supplier, who will inspect the unit and will send an email report with recommended service requirements and to confirm what charges are due.

On receipt of your agreement, the unit will be repaired and returned, normally within 7 working days.

For service email to: sales@koicarp.org.uk

HEALTH & SAFETY ADVICE:

Ozone Gas has a distinctive odour and is easily detectable at levels below the statutory occupational exposure limits. Ozone is not a known carcinogen.

Regulations for vary but the UK standard for exposure is defined by the HSE as 0.2ppm average over a 15 minute period.

Should this be exceeded, provided steps are taken to reduce the level as soon as reasonably practical, then this is satisfactory.

If discomfort is felt, typically by irritation to respiratory tracts (nose, throat, Lungs), these will be relieved by breathing fresh air or wearing a suitable mask. The symptoms will quickly disappear.

Keep nose well away from ozone outlet - Never attempt to smell ozone directly from the ozone outlet!

In the event of an ozone leak, the unit should be switched off. Please then contact your supplier for advice and to arrange service.

Ref: HSE Guidance note EH38 (Revised)

FEATURES:-

Quality Ozone Generator

SPECIFICATION:

Ozone output* ----- For ponds up to 6,000 Gallons

Dimensions:

Length/Height -----	30cm
Width -----	15cm
Depth -----	17cm
Weight -----	3 kg
Electrical Supply -----	240V 50Hz
Fuse -----	2.0 Amp
Power -----	Approx 0.45 Watts
Recommended max Air flow ---	15-20 l/min
Recommended max oxygen flow -	3-5 l/min
Operating Temperature -----	10C to +35°C

* Output is dependant on temperature & humidity

Manufactured in the UK

WARRANTY - This product carries a 12-month or 2,800 operating hrs return-to-base warranty covering faulty parts and workmanship.

**Koi Water Garden Ltd, Dormer Cottage,
Spurgrove Lane,
Frieth, RG9 6NU
Tel:- 01494 882600**



**Specialist Ozone System
for
Koi Carp Pond Applications**

Super- hi

For Ponds up to 6,000 gallons



Please read carefully before use.

KoiOzone® Systems significantly improve the environment for your Koi.

Ozone in Koi ponds:-

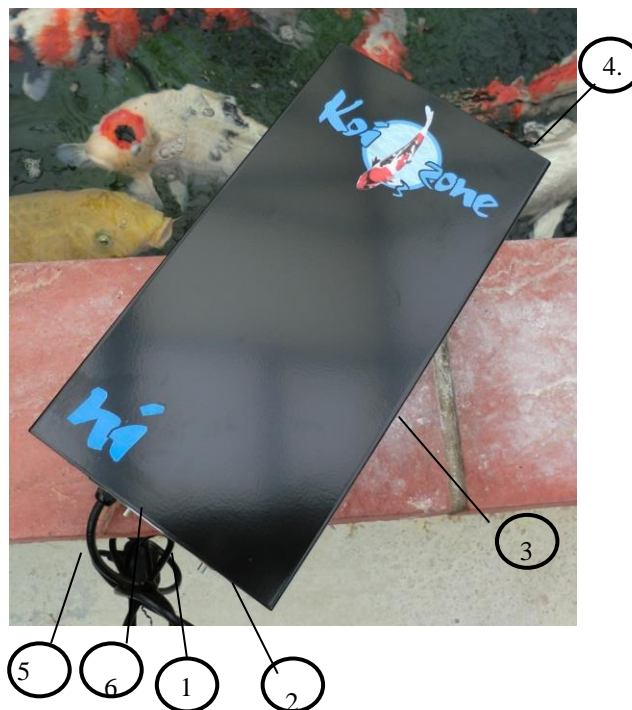
- Ozone is used as a disinfecting agent to kill viruses, bacteria and other pathogens Ozone is highly effective in removing organics and reducing ammonia and nitrites Ozone reverts to oxygen quickly, leaving no detrimental residues
- Ozone provides ultimate water clarity Ozone is a non-polluting and natural substance Ozone improves biological and mechanical filtration by “burning-off” proteins, ammonia and nitrite straight to nitrates and by enriching pond water with oxygen
- Ozone lowers biological oxygen demand (BOD) and raises REDOX potential in the water (the ability of the water to oxidise pathogens) Ozone can remove toxic pollutants, such as hydrocarbons and other toxic substances from pond water which cannot be achieved by any other form of mechanical or biological filtration.

Ozone Gas is a naturally occurring substance which rapidly decays with no harmful effects to fish or the environment.

When correctly installed, the **KoiOzone®** unit will -

- Produce clearer and biologically healthier water
- Reduce the need for chemical treatments
- Improve the performance of conventional filtration by micro-flocculation of minute suspended solids, by improving the nitrification process and by precipitating dissolved proteins for removal by the protein skimmer
- Allow higher stocking levels with safety
- Encourage improved growth as Koi will tend to feed more actively

External Features:-



Key to External Features:

1. ON/OFF Rocker Switch
2. Ozone outlet connection
3. Robust powder-coated steel Case
4. Cooling fan
5. Power cable
6. Air/Oxygen inlet connection

DO NOT REMOVE COVER - This equipment generates high voltages internally - There are no user-serviceable parts within the appliance

For more advice call us on **01494 882600** or

Email: sales@koicarp.org.uk



HOW TO SET-UP & OPERATE YOUR KoiOzone® UNIT:-

POSITION - Ozone generators are designed to produce ozone from dry air delivered by an air pump, or from oxygen generated by a **KoiOzone Oxy®** oxygen generator.

The **KoiOzone®** unit is air-cooled and should be positioned together with the air pump or **KoiOzone Oxy®** in a cool, clean, dry, dust-free environment such as a dry garden shed, barn, garage or other building or in a purpose-built enclosure, away from the pond or open water, to prevent overheating and to avoid humidity being drawn into the unit, which will reduce ozone production and shorten service intervals.

NEVER operate the **KoiOzone®** unit unless connected to a suitable injector, diffuser, reactor or protein skimmer

- The **KoiOzone®** unit may be mounted vertically on a solid wall or placed on a level surface.
- The **KoiOzone®** unit is air-cooled - air inlet & outlet vents must be kept free of obstruction to avoid overheating .
- Connect to a standard 13Amp single phase power socket.
- **ON/OFF** - Press ON/OFF rocker switch to operate.
- **Output Control** - For extended operation between service, we recommend the unit should be connected to the mains supply via a timer or ORP controller.

IMPORTANT - Keep unit dry and prevent contact with water - Never allow water to enter the machine via the ozone delivery tube as this will damage the ozone generating cell and can be avoided by mounting the **KoiOzone®** unit and ozone delivery tube as high as possible above the water level.

NOTE - Where air-quality is in doubt, or where increased capacity is required, we recommend the **KoiOzone Oxy®** oxygen generator which will protect the unit against moisture damage and will significantly increase ozone production.