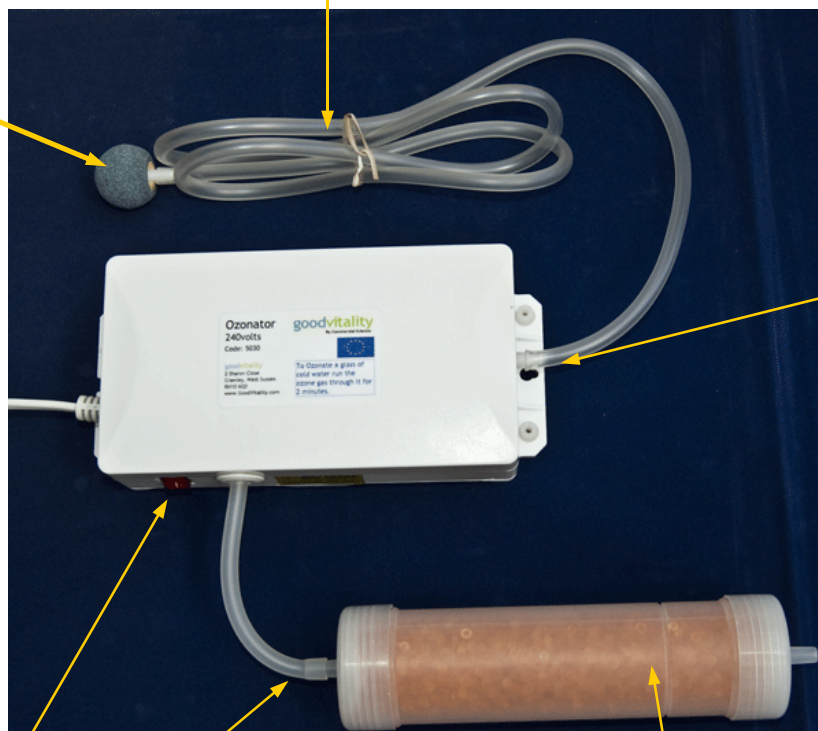


**IC2.16 Technocentre  
Puma Way  
Coventry CV1 2TT**

## **Quick set up guide to the Water Ozonator Code 5030/40**

Long tube, takes ozonated air from Ozonator to the air stone.  
This creates bubbles in the water.

Air Stone, this goes in to your glass of cold water



Air outlet from Ozonator

Air in

On / Off Switch

Short tube, from Air Drier to ozonator

Air Drier

Small cracks in your air drier are fine; They will have no effect. Remove the red stoppers from the Drier, they are for transport. The beads will go from orange to green, then they will need drying.

### **IMPORTANT**

When ozonating water the glass of water **MUST** be below the level of the Ozonator. This is to stop water siphoning back into the Ozonator and destroying the electronics.

### **HINTS AND TIPS**

1. Use very cold water, run Ozone in a glass of water for 2 minutes. Drink immediately.
2. You can not store ozonated water, the ozone comes out of solution.
3. First time you use the Ozonator, run it for 10 minutes and discard the water, this will get rid of the grit in the air stone.
4. Use near an open window Ozone gas can irritate the chest.

## **The Air drier** (remove the **RED TRANSPORT CAPS** before use)

The air drier (with air filters ) is for use with our ozone generator only. The efficiency of your ozone generator is reduced by humidity and dust in the air supply. The Air Dryer provides a clean and dry air by using silica beads that remove the moisture from the air.

1. Connect it by the small hose to ozone generator. One side of the hose is connected to air outlet from the Air Dryer and the other side to the **air inlet** of ozone generator. (It is OK to use either of ends of the Air Dryer as air outlet or inlet).
2. Check the hose is not twisted or bent to block the air path.
3. Check the air inlet of the air dryer is not blocked. (remove the red transport caps).
4. The Ozonator is now ready for use.

### **When to heat the silica beads inside the Air Drier for reuse?**

When the silica beads are dry they are an **orange colour**. As the beads remove the moisture from the air they change colour from orange to a **dark green**. When all of the beads in the Dryer have changed colour to **dark green** the beads must be gently heated to dry them.

### **Drying Methods**

#### **Oven:**

1. Screw off the cap of Air Dryer and then pour the silica beads onto a flat heat resistant tray.
2. Place the tray in an oven and heat at 100 C (230 F) until the silica beads return to their original colour
3. Return the beads after they have cooled to the Dryer and replace the cap. **KEEP YOUR EYE ON THEM DO NOT LET THEM BURN, TYPICALLY TAKES 10 minutes.**

#### **Microwave:**

1. Screw off the cap of Air Dryer and then pour the silica beads onto a microwaveable container.
2. Place the tray in a microwave and heat the silica beads with a low setting until they return to their original colour.
3. Return the beads after they have cooled to the Dryer and replace the cap. **KEEP YOUR EYE ON THEM DO NOT LET THEM BURN.**

Note: Never heat the whole Air Dryer. The container will crack if it is heated.

## CODE 5030 Ozone Generator

With proper care and maintenance, this device should give you years of trouble-free service. Please take the time to read this manual so that you may safely operate your ozone generator and utilise the unique properties of ozone.

### Specifications of the Code 5030 Ozone Generator

Ozone output about 100 mg per hour without connection to air dryer Max Ozone output about 200 mg per hour with connection to air dryer Pump Output about 2 litres per minute.

Max Pump pressure 3/4 psi=0.5 meter of water.

Outlet port dimensions 6 millimetres Inlet port dimensions 6 millimetres Current 30-3511| (AC220-240V#60-70 mA (AC110-120|

Power Consumption 7 Watts

Net weight 0.5 kilograms

### Safety Information

It is the responsibility of the user to thoroughly understand the contents of this manual.

The CODE 5030 ozone generator is capable of delivering 100-200 mg of ozone per hour. In a confined space, ozone concentrations generated by the CODE 5030 may greatly exceed the 15 minute exposure limit of 0.3 parts per million, set by the US Occupational Safety and Health Administration (OSHA). Above the OSHA exposure limit there is risk of inflammation to the respiratory system. **Where ozone is used as a fumigant, remove all people, pets and plants from the area and keep people away until all the residual ozone has disassociated or dispersed.**

Ozone has been shown to induce asthma attacks. Asthma sufferers should not enter a newly ozonised airspace until all the residual ozone has fully dispersed and well ventilated with fresh air.

Ozone has a distinctive sharp odor and is normally detectable by smell at concentrations well below the OSHA 15 minute exposure limit. Most people can detect the smell of ozone at concentrations around 1/10 of the 15 minute exposure limit. A strong smell of ozone normally indicates an ozone concentration that exceeds the 15 minute exposure limit. **Those people that lack a sense of smell should not operate this equipment. Don't attempt to confirm ozone production by' directly smelling the ozone outlet.**

**Don't attempt to confirm ozone production by' directly smelling the ozone outlet.**

Please use your ozone generator in a responsible manner.

The CODE 5030 Ozone Generator is not weather proof. Ensure that it is set up in a dry, well- ventilated area.

Do not allow dew, moisture or condensation to enter or contact the Ozone generator. The unit should be located indoors or in a suitable enclosure with a dry, dew-free environment.

Do not operate the generator in humid conditions. High humidity can cause electrical insulation to break down resulting in high-voltage arcing in the ozone generator. Arcing may cause damage to the ozone generator. High humidity also promotes the generation of nitrogen oxides that react with the remaining water vapour and ozone to form nitric acid. This may damage the ozone generator cell and cause the generator to emit significant quantities of acid.

The CODE 5030 utilises very high voltages that can result in injury or death by electrocution if the unit is misused. Do not open or insert any object into the generator. Keep all flammable and conducting liquids and vapors away from the generator and ensure that your hands are dry before touching it. Make sure that your ozone generator is secured and out of the reach of children.

Ozone is a highly reactive gas capable of destroying many commonly used plastic and rubber products with continuous contact. It is essential to use only ozone compatible tubing between the ozone generator and the injection point. Failure to use the correct materials for the ozone delivery system will reduce the amount of available ozone and could result in an undesirable leakage of ozone into the surrounding airspace.

Ensure that all tubing used is free from dust or other contaminants before connecting it to the generator.

Accumulation of dust in the ozone generator or in the ozone supply line will reduce ozone output. A fine-particle filter should be placed in the air supply line to keep the generator and delivery lines free from dust (It has been built in the unit) do not lubricate fittings or tubing with mineral oil or grease. These materials can spontaneously ignite in the presence of ozone or oxygen Do not allow water to enter the ozone generator

Water entering the generator reaction cell will result in damaging the generator Such damage is not covered by warranty When ozonising water, always use a check-valve or other suitable non-return device between the generator and the injection point Ideally, locate your ozone generator well above the waterline, (See figure 1)

Goodvitality accept no liability for any damage or injury caused by this product or damages that may arise through its use by the purchaser or by others The purchaser is responsible for ensuring that

the unit is correctly installed operated and properly maintained.

### **Description**

The CODE 5030 ozone generator is designed to continuously generate ozone by corona discharge. The conversion of oxygen to ozone occurs in a reaction cell excited by a high-voltage potential.

A push power switch to turn the unit on is at the front side of the generator. An air Inlet is at the front side of the generator. It is always connected to an air dryer. Why? Firstly, it can increase the ozone output greatly. Secondly, it can decrease the possibility of generating the side-product gases. Finally, it can prevent fog or high humidity air getting in the ozonator, leading to electric failures and also will prolong the life time of the ozone cell.

### **Operation**

Place the ozone generator close to the point of use, in a clean and dry location free from dew, condensation or high humidity. If applicable, locate your ozone generator well above the waterline to prevent water entering the generator.

The ozone output port is located at the right side of the generator. Attach the tubing and push it fully onto the exposed barb. Connect to the ozone delivery system with the ozone compatible tubing.

### **Maintenance**

If you only use your ozone generator intermittently, you should store the device in a dry place when not in use and protect it from dust with a plastic bag.

#### **NOTICES**

1. The unit is not waterproof, for indoor uses only.
2. The unit MUST be placed at least 10 cm above liquid's surface even if a check valve is being used. Back flow water will cause electric failures.
3. If it is working in an environment of high voltages or high temperature (over 30 degree C) or longer than 2 hours at one time, please consider taking cooling measurements to avoid the overheat of the unit, like using a fan.
4. The suggested minimum room space is 30m to avoid very strong smell of ozone when purifying water.
5. Use an external timer; so you do not leave it on too long.
6. Please keep the machine at a place where it is not reachable by children and please unplug when you no longer need it.
7. Please do not use it within an environment with flammable gases or explosive materials.
8. Please do not touch the machine with wet or damp hands.
9. Please avoid using it for very long periods and also repeatedly in the presence of metals and lactoprene materials.

### **ONE YEAR LIMITED WARRANTY**

GoodVitality Ltd offer a warranty against defects in materials and workmanship for ONE (1) YEAR from the date of original purchase of the product. This warranty applies only to the first retail purchaser of the product and is not transferable to any subsequent owners or purchasers of such products. If a defect exists, at its sole discretion GoodVitality Ltd will repair or replace the product. Any repair or replacement will assume the remaining warranty period of the original product.

One Year Limited Warranty Does Not Apply:

- (1) to damage caused by accident, abuse, misuse, misapplication, or any other product(s)
- (2) to a product or any part(s) that is modified, tampered with, altered, converted or repaired in anyway by anybody other than Goodvitality Ltd,
- (3) to a product or any parts) such as ozone cell (including ozone plate, ozone tube or ozone lamp) that is consumable
- (4) to an optional unit or any other accessories used in connection with the product such as air stones, tubing, air filters or air dryers
- (5) if any serial or lot number has been removed or defaced.