



**A vision of
fresh air and
clean water**

ozonetech.

a MELLIFIQ brand

Two brothers with a vision of fresh air and clean water

One of the first impressions the young Gilanpour brothers had when they arrived in Sweden during the mid-80s was the long-running national campaign "Keep Sweden Clean".

Almost 15 years later the brothers had finished their engineering studies, formed their vision and embarked on their quest to join in and contribute to keeping Sweden clean. And not just Sweden, but even places far beyond the country's borders. The Gilanpour brothers have become world leaders in air and water purification technology over the years.

The main component of their technology is ozone: nature's own cleaning agent. They managed to create ozone artificially by imitating nature through a natural and eco-friendly process. Their company, with more than 20 years of in-house experience in development, manufacturing and sales, has resulted in their ozone generators being unique on the market. The products are characterized by Swedish quality and reliability, combined with low energy use and maintenance costs. Added to that is the ability to offer clients the best solution imaginable based on their requirements. The result is fresh air and clean water – and a fast-growing company with highly satisfied customers.



What is ozone?

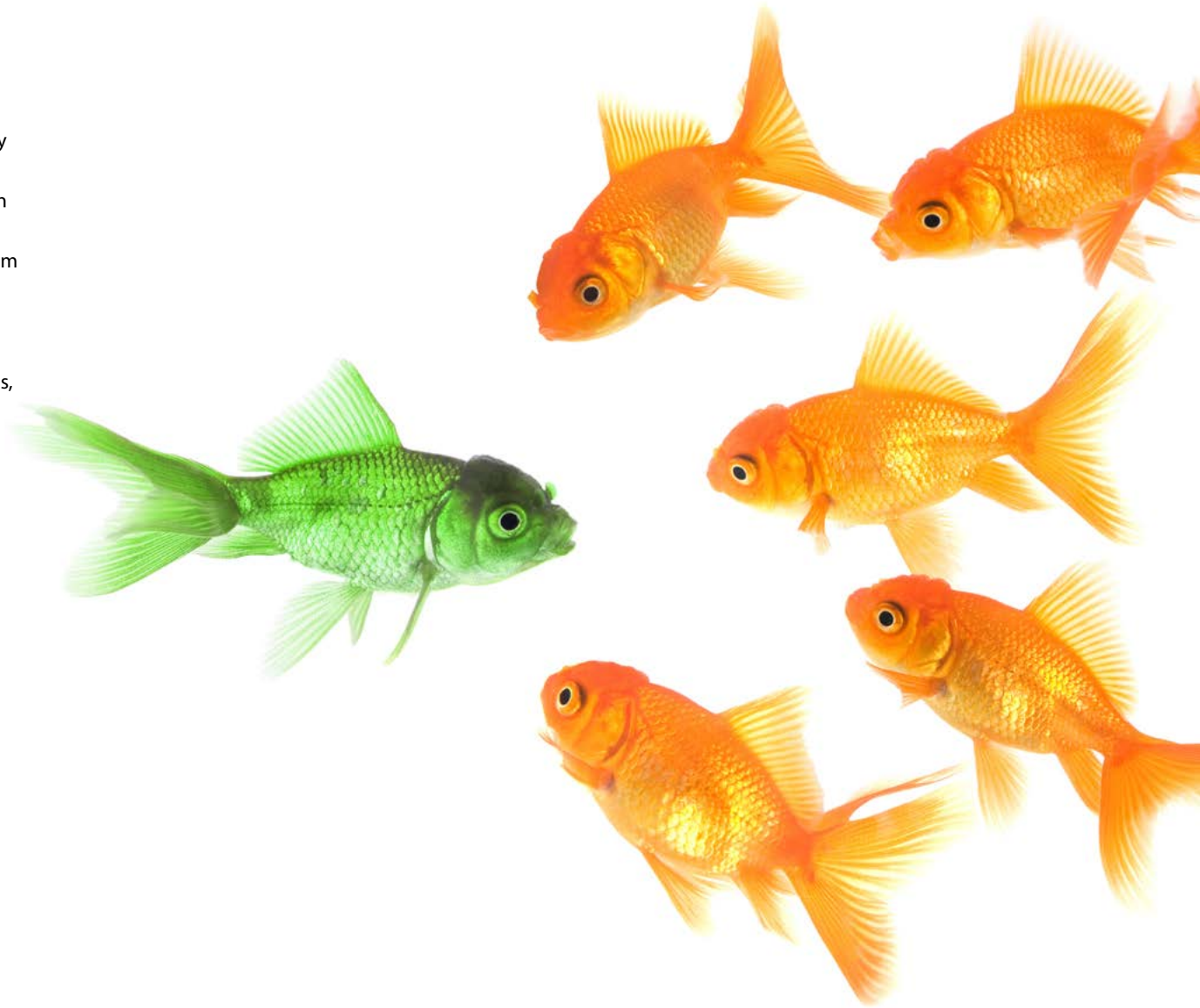
Ozone consists of three oxygen atoms and is a gas found naturally in the air. Ozone is formed by a high voltage discharge that separates the two oxygen molecules (O_2), which then can react with an additional oxygen molecule to form O_3 , i.e., ozone. Ozone acts as nature's own purification method to clean the air and water from viruses, bacteria and other harmful microorganisms.

During the treatment process, ozone breaks down contaminants and any residual ozone decays into normal oxygen. In other words, ozone leaves no harmful residues behind. It is easy, efficient and eco-friendly!

Adding ozone to the air and water is simple, which makes the cleaning process very efficient and economical.

Advantages of ozone treatment include:

- low investment and operating costs
- an effective, smooth and quick cleaning process
- no residues (ozone decays into normal oxygen)



The advantages of ozone

Areas with poor ventilation or high concentrations of micro-organisms are often associated with bad odors. This includes everything from garbage rooms to bedrooms.

Ozone is antibacterial and efficiently puts an end to odors as well as eliminates the microorganisms that cause the odors such as mold, bacteria and viruses.

Water treatment with ozone has many advantages over traditional methods such as chlorine or UV disinfection. Ozone is very efficient when it comes to eliminating microorganisms such as viruses and bacteria. Another advantage is that ozone only requires a very short reaction time with the contaminants, which makes the cleaning process very flexible.

Speaking of flexible, ozone is generated on-site, which eliminates the need to transport and handle chemicals. No costs, no risks.

Our products

Ozonetech's wide product range is unique. From our smallest ozone generators suitable for domestic use to remove odors, to our larger industrial ozone systems for commercial kitchen ventilation, process water, wastewater, swimming pools and much more.

ACT SERIES

The ACT series is enclosed in a chassis of stainless steel. It consists of simple and easy to operate controls with variable power. The generators can be configured to automatically turn on or off via a switch. The ACT series models produce effects of up to 3.5 grams of ozone per hour. The ACT series is mainly used in waste disposal rooms, grease traps and sumps.



FTX SERIES

The FTX series is enclosed in a chassis of stainless steel. External control is possible via a relay and 4-20 mA signal. The FTX series models are specifically designed for ventilation systems with effects of up to 2 500 m³/h.

The FTX series is used in smaller kitchens, apartment buildings and larger pits.



ICT SERIES

The ICT series is enclosed in stainless steel with connections set in the bottom of the unit for oxygen, ozone, cooling water and electricity. The control unit manages all vital parameters and sets off an alarm if threshold levels are exceeded. An optional external control is available for extended functionality. ICT ozone generators, also called high performance ozone generators, can produce up to 480 grams of ozone per hour and are used primarily for large commercial ventilation, biogas and water treatment.



DCT SERIES

The DCT series is made entirely of stainless steel. The right side of the unit houses connections for oxygen, ozone and cooling water, while electrical connections are placed on the left side. The generator continuously reads all parameters and sets off an alarm if threshold levels are exceeded.

The control panel can be connected to an external computer or the Internet. The DCT series models produce up to 5,000 grams of ozone per hour. The DCT series models are used in water treatment plants and major industries.



OXYGEN CONCENTRATORS AND GENERATORS

Highly efficient ozone generation requires a supply of pure and dry oxygen. Ambient air can be filtered through the use of an oxygen concentrator and the result, high-purity oxygen gas, can be supplied to the ozone generator. These components are used for the ICT and DCT series.



ACCESSORIES

We provide a wide range of accessories: injection valves, nozzles, hoses, adapters, sensors and monitors.



About Mellifiq

Mellifiq is a multi-awarded environmental service company group, that has since the early nineties evolved into a world leading system and solution provider with multiple groundbreaking applications for industrial, municipal, and real estate clients. We supply cutting-edge technologies to manage the most sophisticated air, water, and energy challenges.

Mellifiq offers a complete range of air and water treatment technologies and solutions across multiple industries such as processing industry, energy sector, food and beverage, pharmaceutical, wastewater treatment and commercial real estate.

Mellifiq offers strong and renowned brands, such as Ozonetech, Nodora and Water Maid, and world-class engineering services combined an excellent track record of more than 40 years of innovation. We help our clients achieve the most efficient and sustainable solutions while creating the maximum value for their businesses.

With several business units across Europe, Mellifiq is headquartered in Stockholm where research and development, production, QA and certification all take place. Our unique technology and our extensive expertise have made us the Center of Excellence for the world's most complex projects, and a global player with installations on all six continents.

Everyday millions of people rely on our solutions for ventilation, disinfection, sanitation, and odor control. We are committed to raising the bar for the concept of clean and the industry standard for engineering, technical services and general contracting.

For additional information, visit our website at www.mellifiq.com

Elektravägen 53
SE-126 30 Hägersten, Sweden
+46 10 252 30 00
www.mellifiq.com



MELLIFIQ