

Why use ozone?

Ozone (O₃) consists of three oxygen atoms and is a gas found naturally in the air we breathe. It works as nature's own cleaning method to keep air and water free of viruses, bacteria and other harmful microorganisms. During the cleaning process, active oxygen eliminates contaminants and is broken down into normal oxygen (O₂).

In other words, ozone does not leave behind any chemical byproducts. Simple, effective and environmentally friendly! The result is fresh, clean air and water, for breathing and drinking.

Ozone is as easy to introduce to water as it is to air, which means the cleaning process becomes very effective, not to mention advantageous in terms of cost savings.

- safe to use in living areas, as well as for food storage
- low investment and operational costs
- effective, flexible and quick cleaning process
- no byproducts (ozone is broken down into common oxygen)

Ozone Tech Systems

Ozone Tech Systems, started in 1993, offers a wide range of proprietary ozone generators for cleaning air and water, all produced in Sweden. In order to ensure the best possible functionality, we have an in house design and consultation team, as well as servicing and installation technicians.

We have many good references from a broad range of ozone use. Our products are used for, restaurant exhausts, cleaning of exhaust ducts/minimising odours and recycling of heat, as well as for different kinds of odour problems, such as rotating heat exchangers for homes, grease traps, garbage rooms, swimming pools, remediation of toxic environmental waste, etc.

See our website for more information on our products and ozone use.



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Odour free heat recycling with ozone



"The least leakage in a rotating heat exchanger leads to undesired odours in all properties!"

Heat recycling without undesirable odours!

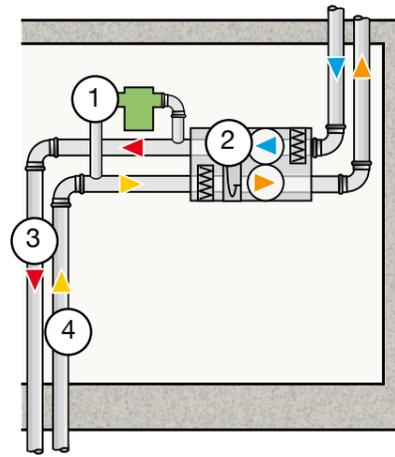
Buildings with air supply and exhaust systems allow for both heating and cleaning the air supply. It is also possible to renovate older buildings for balanced ventilation systems, which entails adding a new air supply system, with the help of fans, to the existing exhaust system.

In order to maximise energy savings, the system design should make the most of the heat existing in the exhaust air to heat up the air supply.

Such solutions result in significant cost savings. Rotating (regenerative) heat exchangers can reduce the air supply heating energy consumption by up to 85%, significantly improving the building's running costs, not to

mention reducing its carbon footprint.

Cooking and other odours in the exhaust air are easily transferred to other properties by the heat recovery ventilation equipment. This is avoidable by using small, controlled amounts of ozone. Our FTX series ozone generators effectively break down odours in the exhaust air before it reaches the heat exchanger's fan.



- 1 FTX Ozone Generator
- 2 Heat Exchanger
- 3 Air Supply
- 4 Air Exhaust

VENTILATION DUCTS

The FTX series quickly and effectively breaks down the microorganisms and bacteria that cause undesirable odours, as well as keeping the fan free of grease particles.

Ozone treatment is a very economical, environmentally friendly and operationally secure solution for the removal of unwanted odours and microorganisms such as bacteria, viruses, mould spores and so on.

The result is a clean and odour free environment without any chemical byproducts.

NO TRAINING NEEDED

Properly installed equipment in operation needs almost no maintenance as the system is sustainable and therefore needs no specialised onsite personnel.

