



AEROX

Leading in odour control

Fresh air for your neighbours

Aerox provides long-term, total odour control solutions across industries, around the globe. We help our clients to minimize their emission in order to comply with industry legislation and laws, but most important: we ensure fresh air for your neighbours. The Aerox®-Injector destroys the odours that are produced in industrial processes and is regarded as 'Best Available Technology' by governments and clients worldwide. Up to 95% odour reduction and a unique ability to remove odours from wet process air, have made the choice easy for a vast amount of market leading companies worldwide.

A dedicated environmental focus

Since odour can be a nuisance, a political issue or an environmental problem, it is still high on the list of priorities within companies across all sectors. Corporate image and social responsibility are nowadays beneficial to the overall status and success of companies, decision makers are keen to invest in technology to reduce such nuisances. The Aerox®-Injector is designed specifically with the environment in mind. The injector requires no water, chemicals or fuel to operate. Due to its unique agitated oxygen technology, which works on the principle of passing air through specially prepared non-thermal plasma modules, all it needs is a relatively small amount of electricity and it produces no waste at all. Furthermore the Aerox service program ensures that all consumables are completely recyclable and sustainable.



Sustainable odour control

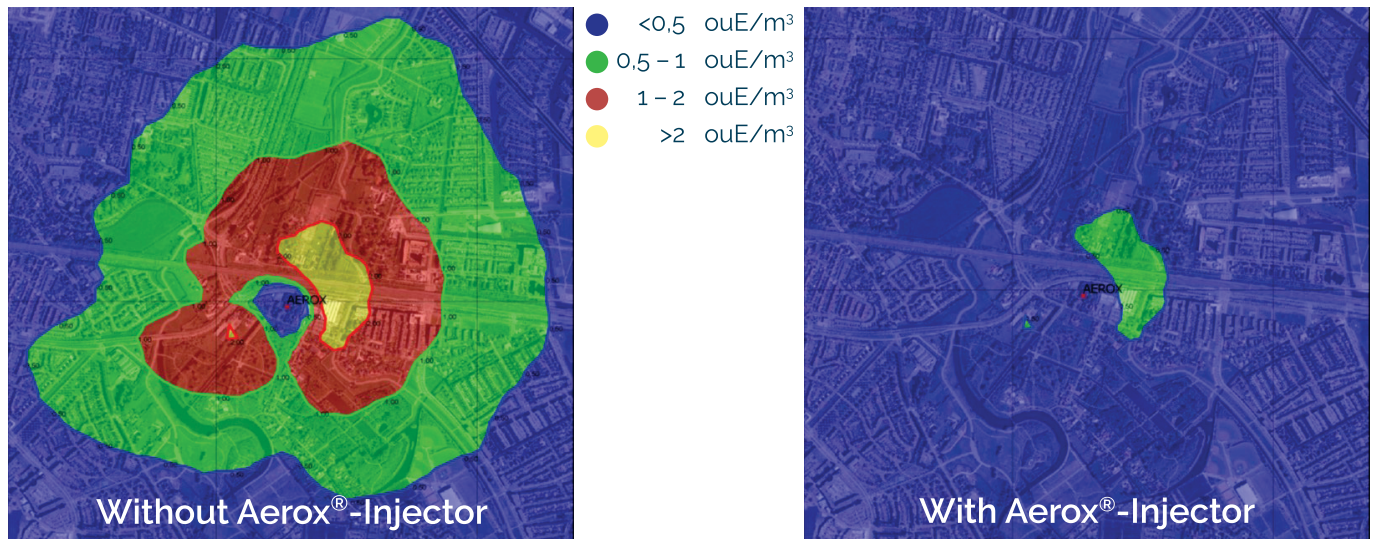
- No fuel
- No gas
- No water
- No chemicals
- No waste

[Click to watch the video](#)

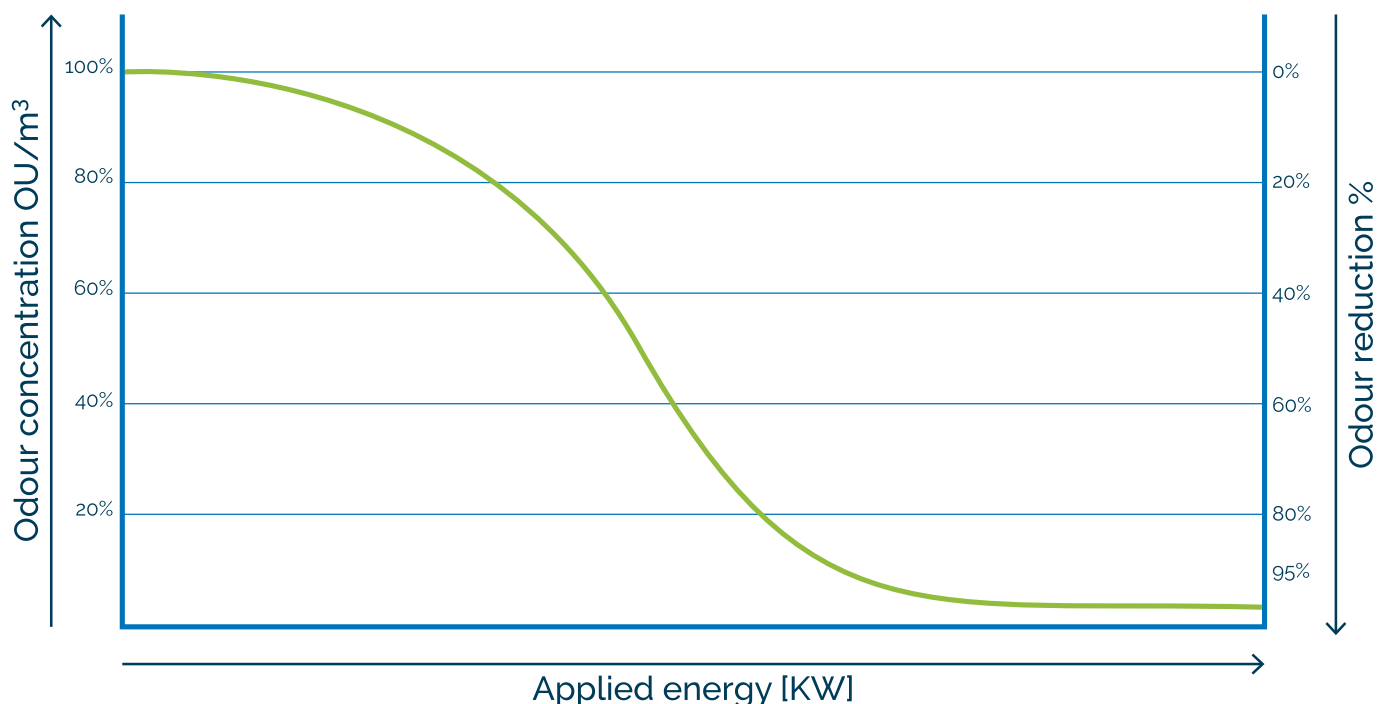
Leading in odour control

The primary focus of our efforts is to remove ground-level odour nuisances resulting from your production process. The technology at the heart of our solutions is the Aerox®-Injector, a small unit that is fixed to the outside of your exhaust duct and injects 'active oxygen' into it. This oxidizes the odorous molecules, making them undetectable to the human nose.

Aerox®-Injector computer dispersion modelling



Hence, with the Aerox®-Injector, all your neighbours can enjoy what they like to take for granted: FRESH AIR. Aerox has the experience and knowhow of the sources and compositions of odours across many industries as well as knowledge about the related production processes. This allows for a thorough determination of the complexity of each unique situation and best suited solution. Aerox will reduce your plant's odour emissions to acceptable levels and often get rid of the typical process odours.



The Aerox[®]-Injector non-thermal plasma technology

The Aerox[®]-Injector is a non-thermal plasma unit that is fitted outside the process gas duct. Clean, ambient air is used to generate oxygen radicals, which are injected into the exhaust gas flow, oxidizing the odour molecules present and thereby rendering them inoffensive.



[Click to watch the video](#)

Benefits at a glance

- Highly effective odour control
- Injection allows large volumes of process air
- Low cost of ownership
- No requirement for water, gas, chemicals. No waste.
- Best Available Technology

Odour control across the industrial spectrum

Aerox, inventor of the non-thermal plasma injection odour control technology, has a proven 25 years' track record of experience in industrial odour control across many industrial sectors. This list of specific industries continues to expand. Real durable odour solutions require advanced and tailor made technology. The best way to control odours is unique to each situation. Obviously, the nature of a production process and the odours it produces form the point of departure for any solution that Aerox delivers. Factors as climate, geographic location and governmental regulations are taken into account in the design of each site specific solution. On top of that, each Aerox[®]-Injector unit is finetuned during commissioning by a Aerox qualified engineer.



Aqua feed



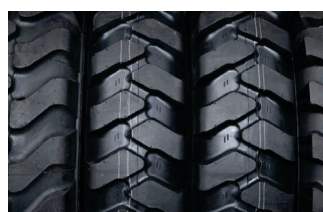
Animal feed



Pet food



Tobacco



Rubber



Oil seed



Food



Other

World market leaders choose Aerox

Aerox B.V. is the world's leading odour control specialist using environmentally friendly and highly efficient non-thermal plasma injection technology. We have in-depth knowledge and experience of all aspects of odour abatement processes, across multiple industries.

The Aerox approach always starts by collecting information and advice on the feasibility of an Aerox[®]-Injector for your specific situation. This advice is given based on information you can give us over the telephone or questionnaire and entails details like process data, air volumes, local geography and climate conditions.

Odour problems are complex and unique. Aerox therefore offers on-site trial services enabling the clients to determine what performance can be realized at what Aerox capacity. Based on the test results Aerox designs and provides an optimal odour control solution. A team of Aerox qualified and expert project engineers will cooperate with the clients engineer team to ensure an optimal implementation process, tailor made to site conditions and requirements. After start-up Aerox will focus on a long-term partnership and provide support services such as module changes and real-time monitoring. This allows for reduction of maintenance costs and a smooth operation of the Aerox[®]-Injector.

Aerox is part of the Verder Group

The Verder Group is a family owned business founded in 1959 in Vleuten, the Netherlands and has grown into a successful manufacturing company employing over 1,600 people based in 28 countries. Being part of the Verder Group allows Aerox to provide optimal service worldwide



Amalgam Biotech is an authorized representative of the Aerox®-Injector.

MORE

If you would like more information about the Aerox®-Injector, its alternatives, or odour control in general, please send an e-mail to sales@amalgambiotech.com, visit: www.amalgambiotech.com or call us direct on +91 7276020758.

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