



PET FOOD FISH FEED POULTRY FEED CEREALS OIL SEED BIODIESEL SLAUGHTERHOUSES
DRYING TOBACCO LEAFS FOOD PHARMACY RUBBER TYRE PRODUCTION RENDERING

THE AEROX®-INJECTOR ODOUR CONTROL



Fresh air for your neighbours

Aerox provides long-term, total odour control solutions across industries, across the globe. The Aerox®-Injector is regarded as the 'Best Available Technology' by governments and companies alike. Up to 98% odour reduction and an unique ability to remove odours from wet process air, have made the choice easy for several world market leaders such as Cargill, British American Tobacco, Rothkötter, Tate & Lyle, Mitas, Dairygold, Biomar and Bayer Cropscience.



A DEDICATED ENVIRONMENTAL FOCUS

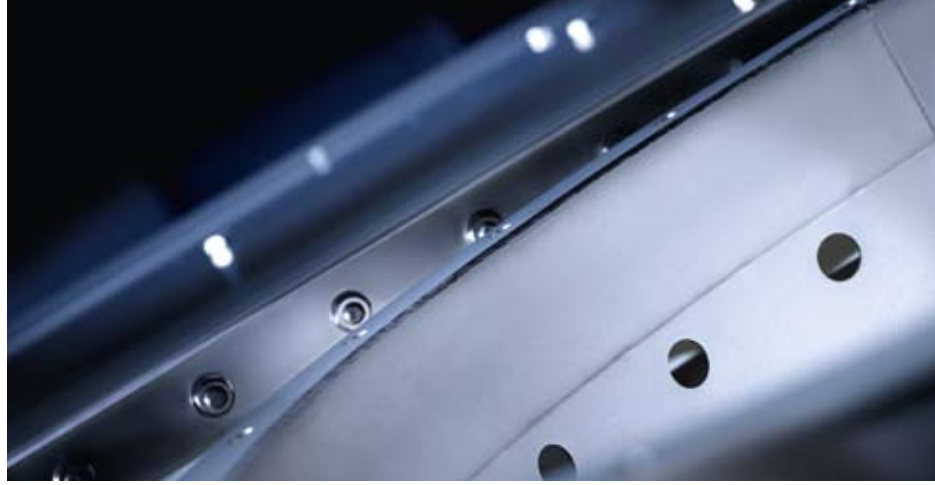
Since odour is more a nuisance than a political issue or an environmental problem, it is high on the list of priorities within companies across all sectors. Corporate image is pivotal to the overall status and success of companies today, decision makers are keen to invest in technology to combat such 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 between specially prepared cathodes and anode, all it needs is a relatively small amount of electricity. And it produces no waste whatsoever.

FROM ELECTRICITY TO FRESH AIR

- No fuel
- No water
- No chemicals
- NO WASTE



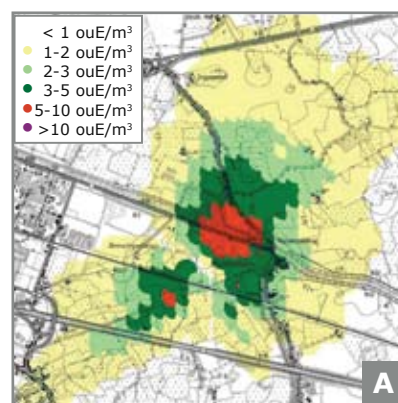


Leading in odour control

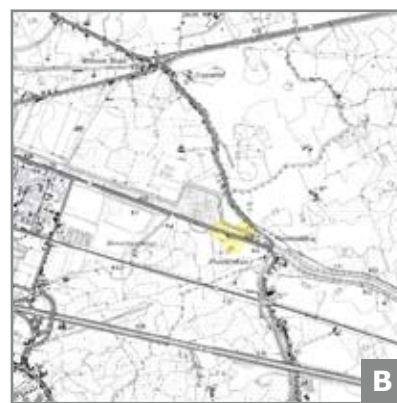
The primary focus of our efforts is to remove ground-level odour nuisances resulting from your production process. The technology at the heart of our solutions is the Aerox®-Injector, a small unit that is affixed to the outside of your exhaust duct and injects 'active oxygen' into it. This oxidises the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

Hence, with the Aerox®-Injector, all your neighbours can enjoy what they like to take for granted: FRESH AIR.

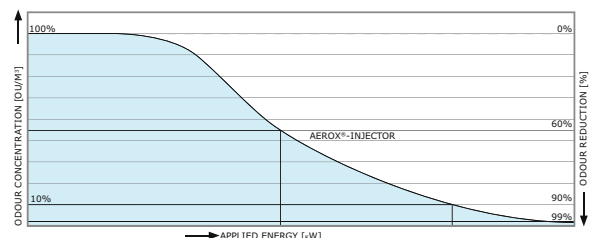
Aerox B.V. has the experience and knowhow of the source and composition of odours across many industries, as well as with scientific tools and processes to investigate the complexity of each unique situation. Aerox will reduce your plant's odour emissions to acceptable levels, and often even eradicate them all together.



A Shows the impact of odour on the environment.

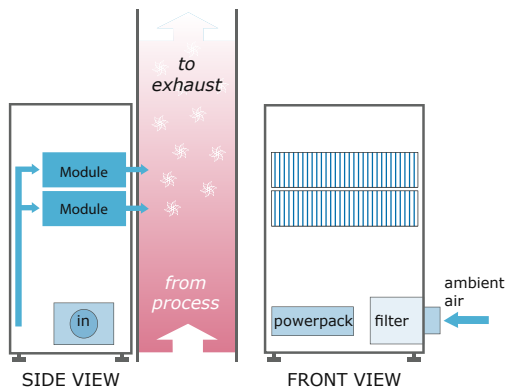


B Shows the result after installing an Aerox®-Injector.



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.



ODOUR CONTROL ACROSS THE INDUSTRIAL SPECTRUM

Aerox boasts much experience in odour control across many industrial sectors. And the list of specific industries continues to expand. The best way to control odours, however, 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. But factors such as climate, geographic location and governmental regulations play a significant role, too.

BENEFITS AT A GLANCE

- Compact unit
- Capacity upgradable
- Cold plasma unit remains clean
- Suitable for even saturated exhaust gas flows
- High odour reduction rates
- Environmentally friendly and sustainable
- Air flows up to 80,000 m³/h can be treated using just one Aerox[®]-Injector
- Remote performance control
- No production downtime



INDUSTRIES

- Pet food
- Fish feed
- Poultry feed
- Cereals
- Oil seed processing
- Biodiesel
- Drying tobacco leaves
- Slaughterhouses/rendering
- Food
- Pharmacy/feed ingredients
- Rubber tyre production
- Traces H₂S/mercaptans





World market leaders choose Aerox

Aerox B.V. is the world's leading odour control specialist using environmentally friendly and highly efficient cold-plasma injection technology. We have in-depth knowledge and experience of all aspects of odour abatement processes, across industries as diverse as pet food and rubber tyre production.



CONTROL

The Aerox approach starts by giving you information and advice on the feasibility of contracting Aerox in your specific situation. This advice is given based on information you can give us over the telephone, like process details and local geography and climate.

Odour problems are complex and unique. Aerox offers service on-site trials enabling the clients to find out what performance can be realized at what Aerox capacity. Based on the test results we design and provide optimal odour control solutions. Qualified project engineers will cooperate with your engineers to ensure optimal implementation. After start-up Aerox will support you with services as Module changes and remote performance control, reducing costs of maintenance and focusing on a long-term cooperation.

AEROX IS A DAUGHTER COMPANY OF THE VERDER GROUP

The Verder Group is a conglomerate of engineering, production and trading companies specialised in the development, manufacture and construction of installations for liquids and solids handling and processing. As a prominent industrial partner, the Group includes a number of technical trading and production companies. Each serves its own particular market, ranging from most European countries to the United States, South Africa, Japan and China.



MORE

If you would like more information about the Aerox®-Injector, its alternatives, or odour control in general, please send an e-mail to info@aerox.nl or call us direct on **+31 (0)30 677 91 80**.



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