

The Centriair logo consists of the word "centriair" in a lowercase, sans-serif font, followed by a stylized graphic of five blue circles of varying sizes arranged in a semi-circular pattern.

# centriair

A photograph of industrial air treatment equipment. In the foreground, a large stainless steel cylindrical tank has the Centriair logo on it. To its right is a blue and black motorized unit with a label that reads "VALDING". The background shows a metal grate floor and other industrial components.

## Sustainable Emission Control

### Who we are:

Scandinavian Centriair AB is a Swedish company with long experience in industrial air treatment. Our focus is odour reduction and energy recovery and we work within the food processing, waste handling, waste water and biogas industries.

### Why choose us:

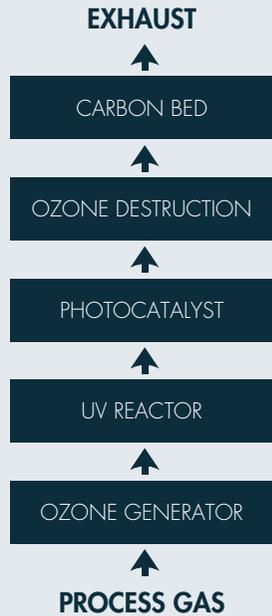
We focus on a number of processes where we have well adapted solution and extensive experience. We offer a complete solution for these industries, including service and maintenance. Our manufacturing is done by selected high quality suppliers, installation and commissioning is done with experienced staff and partners. Our R&D has led us to a superior performance and a significant record in these industries directing us to a strong position in the market.

Centriair develops proprietary solutions for energy efficient removal of particles, VOCs and odour from industrial processes.

## ColdOx™

Oxidation of VOCs through the use of high intensity UV, excess ozone, and photo chemical oxidation supported by special purpose catalysts. Oxidation rates of up to 98% at ambient temperatures with minimum energy requirement and ozone slip.

- Adsorption, ozone destruction and oxidation by oxygen radicals (optional)
- Ozone destruction and oxidation by oxygen radicals
- Oxidation through photocatalysis
- Oxidation through ozonolysis and photolysis
- Oxidation through ozonolysis (optional)



## CentrOx™

CentrOx™ - combines advanced centrifugal separation with the ColdOx™ system in the case where particles in droplet form are present in the gas stream. The centrifuge removes particles using a rotating a disc stack, giving high efficiency with a compact unit that has low maintenance.

The ColdOx™ and CentrOx™ systems have been developed together with customers and the Royal Institute of Technology in Stockholm (KTH) over the course of several years and have resulted in several patentable innovations.

# Products

## Centrifuges



Lina



Petra



Olga

## UV



Sigurd



Alfred

## Active Carbon Filters



Anna



Frida



Magnus

## Catalytic Iron Filter



## Scrubber



## References

Centriair is an industry leader within the field of industrial air treatment. The company has a broad reference base among a wide range of applications within Food, Waste and Biogas industries in Europe, Asia, Middle East and America.

We work with several of the leading global players in Food processing and Waste handling.

Centriair has successfully completed projects within waste industry for leading waste treatment companies in Scandinavia and UK.

In the food industry we are proud of a long list of completed projects for large companies such as Estrella, ADM, OLW, Kelloggs Pringles and many other food manufacturers around Europe.

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