

**Nodora
ADS/CAT**

Nodora Advanced Air Filtration



Industrial grade air treatment

Nodora
a MELLIFIQ brand

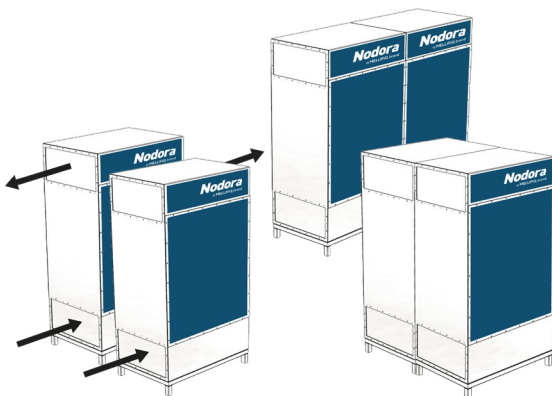


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Introducing Nodora Industrial grade air treatment

Having delivered tailor-made odor treatment systems for demanding industry applications, we realized the need of a standard industrial grade modular solution applicable for both industrial and real estate applications. So we designed one. The result: Nodora – a modular, highly efficient and compact system. The perfect solution when space is limited and odor must be minimized.

Nodora is designed as a final air treatment step for odor reduction. The flow pattern is optimized to maximize the efficiency and minimize the pressure drop. Unlike other products on the market, Nodora reaches its full potential all the time. If you replace a Nodora system with a standard air treatment system, a much larger footprint area would be required.



*Modules can be coupled back-to-back and side-to-side
– as many as needed.*



The module is designed according to EUR-pallet size simplifying transports. The heavy-duty chamber contains exchangeable cassettes and can be made compatible with ventilation channels.

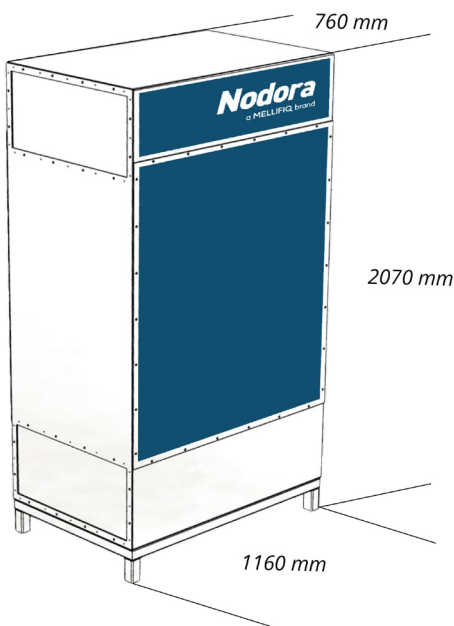
The modular design makes it possible to customize the solution depending on the air flow, pollution load and acceptable pressure drop. The modules can be coupled back-to-back and side-to-side, with flexible air intake and outlet using removable side plates.

The combination of a compact design and industrial grade, high-performance odor treatment enables new options for planners and consultants. Odorous off-gas can be released in underground parking garages and court yards, making ductwork less costly and cumbersome.



Technical specifications

General	
Air flow	1,260 - 5,400 m ³ /h per module
Temperature	0 - 60 °C
Odor reduction	up to 95%
Pressure drop across filter media	50 - 300 Pa
Relative humidity	0 - 70% RH
Material	SS 304/EN 1.4301, EPDM (FKM optional)
Connections	
Inlet/outlet connections (BxH) Connection type	754 x 380 or 1154 x 380 mm Flange
Dimensions	
Module size (WxHxD)	1160 x 2070 x 760 mm
Weight (Nodora ADS)	650/1300 kg (1433/2866 lbs)
Weight (Nodora CAT)	750/1500 kg (1653/3307 lbs)



The module size is adapted to the EUR-pallet size.

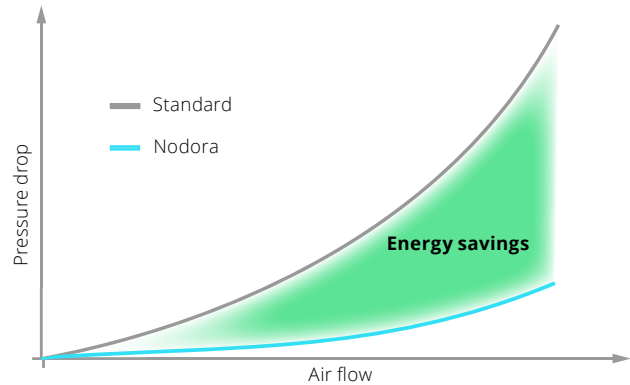
Benefits

- Industrial grade, high-performance air treatment
- Low pressure drop, excellent energy efficiency
- Long lifetime, especially when combined with the RENA ozone system
- Compact solution, suitable for limited spaces
- Modular design, flexible combinations
- Low maintenance



Low pressure drop and energy savings

Fan energy consumption is directly proportional to air flow and total pressure drop in a ventilation system. The comparable low pressure drop of Nodora allows for substantial increase in energy efficiency compared to traditional industrial air handling solutions.



(Based on actual data)

Application areas

Nodora's modular, compact design enables industrial-grade odor removal in space-limited sites, such as restaurant ventilation exhaust in garages or public areas, supply air treatment for public buildings, and odorous industrial process exhaust ventilation.

Services

Mellifiq offer various air analysis services such as GC-MS, particle analysis, olfactometry, IR, SEM, online FID and more. Other services include Computational Fluid Dynamics (CFD) simulations and project management.

The perfect air treatment

... is distinguished by:

- The air treatment solution is optimized to the specific assignment
- 100% of the active volume is used to purify the air
- All parameters cooperate to minimize pressure drop, thus lowering energy consumption

Accessories and options

- Pressure drop indicator
- Adjustable feet
- Water drain
- EN 1.4404 material
- Stainless steel ventilation duct connections
- Open-top with grid

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 Ozonotech, Nodora Water Maid, Saniray, Axolot 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

