



Östermalms Saluhallar dates back to 1888 – with the world's most modern purifying system

**Centrally located market hall treats
its kitchen exhaust with RENA Kitchen
solutions to improve fire safety and
reduce odors**

MELLIFIQ

Östermalms Saluhall, Stockholm, Sweden

Influenced by the Eiffel Tower finished in 1886, the cast-iron structure of Östermalms Saluhallar was finished in 1888, inaugurated by King Oscar II later that same year. Since then, it has been a gastronomical center-point for residents as well as travellers. Following a complete renovation finalized in 2022, the City of Stockholm opted for Ozonotech's RENA Kitchen solutions – when only the best is good enough.

Facts

Name:	Östermalms Saluhall
Location:	Stockholm, Sweden
Industry:	Real Estate
Challenge:	Odor control, fire safety
Project value (SEK):	1 500 000

Solution:

Mellifiq delivery:	2 Ozonotech RENA Kitchen Solutions 80, 2 Ozonotech RENA Kitchen Solutions 100, automation, safety features (ozone sensors and pressure switches)
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Capacity:	20 600 l/s
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The Problem

Östermalms Saluhall is located in the heart of Stockholm's most exclusive district, with residential buildings, offices and a public square nearby – there's zero-tolerance for unpleasant odor disturbances. The large number of restaurants in the hall, all with their own ductwork and hoods, high flows and odorous exhaust posed a challenge.

The fact that the building is over 130 years old added another layer of complexity with cramped spaces, making it impossible to install generators in direct proximity to the hoods.

The Solution

Decentralized ozone systems was a key to solve the issue at hand and with numerous injections necessary due to the amount of hoods, there was no other feasible option than the RENA Kitchen solutions system. Each system is installed at a remote location, feeding ozone through tube to multiple hoods independently with the help of automatic valves and sensors – ensuring optimal operations and safety.



View of the installed Ozonotech RENA Commercial Kitchen Solutions.



The restaurants serve food with the finest organic and locally produced ingredients

Also, the systems are easily accessible for the annual maintenance which can be carried out during regular business hours without interrupting the activity at the restaurants thanks to the remote location.

Östermalms saluhall is the oldest operating market in Stockholm and is relied upon to provide fresh vegetables, fruits and outstanding meat for the capital citizens. Mellifiq's Ozonotech RENA Kitchen Solution air exhaust treatment system ensures that no odors or grease make their way to the crowded areas.

Evaluation

With zero odor complaints having been registered by the City of Stockholm and recurring check-ups of the systems and ductwork passing with flying colours – we are proud to announce that Ozonotech's RENA Kitchen systems have yet again delivered excellent results, this time for a building of high historical value on our own home turf – here's to another 130 years!

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 and Water Maid, 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

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