

**Atlas Copco**

A Mellifiq reference project



# **Atrium Ljungberg reduces energy costs and the risk of fire**

**Energy efficient long-term  
solution for real estate  
company**

**MELLIFIQ**

# Atlas Copco, Stockholm, Sweden

*Atrium Ljungberg is one of Sweden's largest listed real estate companies, committed to long-term sustainability in everything they do. They were among the first property owners in Sweden to install an effective solution to treat the kitchen exhaust air. The installation was made at the large canteen at Atlas Copco's head office in Stockholm.*

## Facts

Name:	Atlas Copco HQ
Location:	Stockholm, Sweden
Industry:	Industrial solutions
Purpose:	Treating kitchen exhaust
Air flow	14,000 m <sup>3</sup> /h

## Solution:

### Ozonetech RENA Kitchen

#### Solution

Dimensions (HxWxD):	970 x 750 x 265 mm
Input power:	1.5 kW
Noise level:	49 dB

## The problem

Atrium Ljungberg was concerned about the high costs for the regular manual flushing of the kitchen exhaust ducts. They were determined to reduce odors and the fire risk caused by the grease build-up.



*Atlas Copcos headquarters in Stockholm.*

## The solution

The property owner decided to install a high-performance RENA ozone system from Ozonetech. It was chosen for capacity reasons; a single unit is sufficient to purify the entire air flow. In addition, an assembly is sufficient to clean both channels. Another aspect was that once the equipment is installed and in operation, hardly any maintenance is needed as the system is self-propelled.

## Evaluation

The problems with the spread of cooking odors, and the grease buildup in the ducts, decreased significantly. The need to clean the ducts is minimized. But the main benefit is the money saved by energy recovery.

# 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 Ozonetech, 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.

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