

A large white Stena Line ferry ship with a red funnel and blue accents is sailing on the ocean. The ship has "Stena Line" written on its side in blue and green. The background is a clear blue sky and dark blue water.

**Stena Line put Ozonotech's
ozone treatment to the
test for 12 months. We are
happy they did!**

**Stena Line proved it. A correctly
sized Ozonotech RENA System
does keep the galley duct clean.**

MELLIFIQ

Stena Line, Gothenburg/Fredrikshavn

It's no secret the market trusts the Swedish ferry operator Stena Line. Their seriousness is well-known. When no other ferry company had installed our RENA ozone system, they decided to. And they did it in a way very few of our customers do: they set up their own 12 months test to see exactly what result the ozone treatment would have.

Facts

Name:	Stena Line
Ferry name:	Stena Danica
Length of ferry:	155 m
Capacity:	550 cars and 2,274 passengers
Location:	At sea between Gothenburg and Fredrikshavn
Industry:	Ferry operator
Purpose:	Treating kitchen exhaust in galleys

Solution:

Ozonetech RENA Kitchen

Solutions

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



The Stena Danica has several restaurants on board.

The problem

A fire starting in the galleys is disastrous. Manual duct cleaning to remove grease buildup is hard work, it's time-consuming and requires planning. Still, the fire risk increases as soon as grease starts to build up again. With no effective continuous treatment, cleaning the galleys is costly and time-consuming.

Stena Line is one of the world's largest ferry operators and known for being meticulous about quality and performance. When they contacted us, they were looking for a solution that would keep the galley ducts free from grease, reduce the risk of fire and minimize cleaning.

The solution

As a leading international ferry company, Stena Line decided to install a Ozonotech RENA system on-board Stena Danica. It took some planning, but when in harbor, the Stena Danica got its RENA system installed.



The RENA system to the right includes ozone generator, oxygen-generator, closed cooling system, ozone sensor and the O3Eye control unit.

Evaluation

To see the long-term result, Stena Line decided to set up their own 12-month test to be certain about the long term efficiency. They cleaned an area inside the galley duct, to compare it to the areas still covered with fat. Stena finally reported a positive result: the cleaned area was still clean after the test period.

When the Ozonetech RENA system had been installed, an area inside the galley duct was thoroughly cleaned and marked. Twelve months later the test area still looked clean. No grease build-up. The surrounding black spots are hard residues formed prior to the installation of the RENA system.



No grease accumulated on the cleaned test area after 12 months. Test and photo by Stena Line.

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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