

Eclipse

A Mellifiq reference project



**When only the best
solutions are required**

**We have replaced many
existing non-working
systems, even at sea**

MELLIFIQ

Eclipse, Superyacht, at sea

M/Y Eclipse is a Superyacht built by Blohm+Voss of Hamburg, Germany. Her exterior and interior were designed by Terence Disdale. At 162.5 meters long Eclipse was the world's longest private yacht until the Azzam was launched in April 2013, which was 17.3 metres longer. The yacht's cost has been estimated at €340 million.

Facts

Name:	Eclipse
Length:	162.5 m
Gross tonnage:	13,000 ton
Engines:	Four diesel engines, total power 39,700 hp
Cruise speed:	22 kn
Maximum speed:	25 kn
Delivered:	2010
Cabin:	1 Master, 17 VIP
Guests:	36
Crew:	70
Pools:	2
Mini subs:	1
Helicopters:	1
Helipads:	2
Anti-paparazzi:	1

Solution:

Ozonetech RENA Kitchen solutions

Purpose:	Minimizing odor and the risk of fire
Performance:	Close to 100% reduction

The problem

The team on Eclipse was not pleased with the existing ozone generator. They were using a air-fed ozone generator that was cooled with air. Frequent breakdowns and expensive replacement parts was a constant concern.

The solution

The problems they were experiencing on Eclipse are history now. The existing ozone generator was replaced by an Ozonotech RENA high-performance ozone system. The Ozonotech RENA Kitchen Solutions ozone systems

are oxygen fed, not air-fed, and cooled with liquid, not air. These features mean a major increase in air treatment performance.



Eclipse is all about perfection. This also goes for the galley duct cleaning system.



Ozonotech RENA high-performance ozone system.

Evaluation

Ozonotech's RENA system was longed for. The fat particles from the cooking are broken down by the continuous supply of ozone to the ducts, thus keeping odors and the risk of fire at minimum. Choosing an Ozonotech RENA ozone system means buying peace of mind, particularly when it is combined with an annual

supervision agreement. The system comes with lifetime product guarantee and remote monitoring from our Service Center. The owner of Eclipse is satisfied. His yacht is all about perfection, including the purification of the kitchen exhaust air.

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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