

Fire Protection for Luxury Yachts

Luxury yachts are built to the highest standards. A fire onboard can lead to serious consequences unless it is immediately suppressed. With proper fire protection, damage and downtime can be considerably reduced.



What is HI-FOG® ?

HI-FOG® is a high-pressure water mist fire protection system that uses low amounts of water to suppress and control fires.

HI-FOG® fights fires in three ways: by cooling the fire and the surrounding area, by blocking the radiant heat, and by removing the oxygen from the seat of the fire.

Minimal Damage

Due to fast fire suppression using small amounts of fresh water, HI-FOG® helps keep damage and downtime to a minimum.

Aesthetic Design

Thanks to low water usage, the HI-FOG® system piping is small bore which makes it easy to install with minimal structural impact.

Easy installation is coupled with aesthetic design. Discrete sprinklers are available in different RAL colors, which blend with the finest interiors of the luxury yachts.

Safe and Sustainable

HI-FOG® is a safe and sustainable way to fight fires. Fresh water as a suppression agent is entirely safe for people.

System activation does not require evacuation or enclosure integrity and the spaces can also be entered while the system is discharging.



HI-FOG® provides reliable fire protection with aesthetic appeal. The small sprinklers used for accommodation spaces are available in different RAL colours.



HI-FOG® spray heads protect the machinery spaces.



The unique modular structure of the HI-FOG® Electric Pump Unit allows the pump skid and control cabinet to be installed separately which adds flexibility to the pump room design.

Protects All Spaces Onboard

HI-FOG® is extremely flexible which means it is suitable for protecting all areas onboard from accommodation to tender garage and machinery spaces.

Protecting the entire yacht with a single system can lead to savings in installation and maintenance costs.

Proven Performance

Marioff has always been a staunch supporter of research. HI-FOG®'s fire fighting performance has been verified in thousands of full-scale fire tests.

HI-FOG® Services

Thanks to its global service network, field service engineers are ready to repair the system on-site in a timely manner to ensure minimal downtime.

Our services extend from optimized maintenance and original spare parts to turnkey system upgrades and modernizations.



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