

Fire safety and elegance combined

HI-FOG® for luxury yachts



KLAUS JORDAN

Can high performance fire pr

Luxury yachts are built to the highest standards of interior construction, outfitting and equipment. HI-FOG® Water Mist Fire Protection System is well suited to this environment.

HI-FOG® combines safety and elegance into one compact, efficient fire protection system. This elegance is matched by proven performance. HI-FOG® is the most tested water mist system on the market.

Using small amounts of potable water to put out the fire, HI-FOG® helps to keep the fire, smoke and water damages to a minimum.



HI-FOG® benefits:

- Proven performance
- Long system life
- Minimal water damage from discharge
- Low water usage
- Elegant installation

How HI-FOG® fights the fire?

HI-FOG® delivers extremely good performance, combating fire by removing two of the main elements a fire needs to survive: heat and oxygen.

HI-FOG® water mist provides an efficient water curtain, which blocks the radiant heat, preventing the fire from spreading or reigniting. This is achieved with remarkably little water: HI-FOG® uses up to 90% less water than conventional sprinkler solutions.

One system for all fire protection needs

All fixed fire fighting systems can be combined into a single integrated HI-FOG® system using the same pump unit and main piping to protect the varied spaces of the yacht. This leads to savings in both installation and maintenance.

Elegant installation

HI-FOG® tubing is very narrow and can be hidden away in tight spaces. HI-FOG® sprinkler heads that are the smallest in the market, can be artfully installed to blend in with interior design. The sprinklers can even be gold-plated to further enhance visual appearance.

Protection and luxury coexist? Absolutely!



Minimal water damage

Often the major damage is not caused by the fire itself but by the dirty water of the sprinkler system. HI-FOG® uses only small amounts of plain, fresh water. It causes virtually no damage and requires very little clean-up.

Added safety features

In the machinery spaces, HI-FOG® offers some added features. HI-FOG® causes no danger to human beings and can be activated the moment a fire is detected, when the fire is still in its infancy. No time is lost on evacuation and other preparations. After the fire has been extinguished, HI-FOG® will cool down the space and prevent reignition.

Experience

HI-FOG® has been installed as the primary fire protection system on well over 100 luxury yachts. It is also the prevailing system on all modern passenger cruise vessels, including the prestigious Oasis of the Seas, the world's largest cruise vessel.

Proven fire fighting performance

With thousands of full-scale fire tests completed, the HI-FOG® Water Mist Fire Protection System is the world's most tested water mist solution.

HI-FOG® has not only passed all fire tests required by SOLAS, but it has also shown its efficiency in a number of real ship fires.

After sales support

Marioff offers service to keep your fire safety system in good working condition. Regular maintenance checks ensure that the system operates correctly if a fire occurs. The 24-hour Emergency Service is available for matters that require immediate attention.

 **HI-FOG®**
water mist fire protection



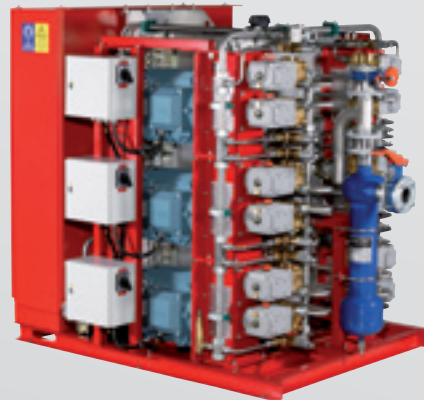
HI-FOG® 1000-series sprinklers are available in stainless steel, antique brass, gold and RAL colors.



The HI-FOG® system uses small diameter stainless steel tubes (mostly 12-30mm) that can be easily hidden above the inner ceiling.



The high quality HI-FOG® tubing bends easily around corners and obstructions.



HI-FOG® electric pump unit (SPU)



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