



The HI-FOG solution for Ten Hill Place

Fast, integrated activation

The HI-FOG system is fully integrated with the hotel's fire detection system, which immediately activates the HI-FOG sprinklers in the event of fire – ensuring guest safety.

Easy retrofitting

The system uses low-diameter tubes that can be easily retrofit into buildings. Meanwhile, the visible portion of the system is discreet to not detract from the building's interior design.

Lifetime partnership

The Marioff team worked closely with the team at Ten Hill Place from commissioning to after-sales, and will continue to deliver maximum value throughout the system's lifecycle.

Ten Hill Place Hotel emphasizes fire safety with Marioff HI-FOG® solution

Ten Hill Place Hotel, located in Edinburgh, Scotland, is operated by Surgeons Quarter – the commercial arm of The Royal College of Surgeons of Edinburgh (RCSEd). RCSEd is the oldest Surgical College in the world, and an internationally respected institution. It has been a pioneer in the advancement of surgical breakthrough and patient care for more than 500 years. All profits from Ten Hill Place Hotel go towards supporting the College's charitable aims of advancing surgical standards worldwide.


Business Challenges

Ten Hill Place's fire protection project was initiated in the wake of the Grenfell Tower tragedy in 2017. An £8.5 million pound extension and refurbishment project, already well underway, was paused to focus on guest safety.

Although fire suppression systems are not a legal requirement, the decision was made to implement

a new, fast-acting fire protection solution that could cover the entire building and provide the best assurance of guest safety possible.

Aside from guest safety, the ability to retrofit to their existing building was a priority. Finally, they needed a solution that matched their top-notch environmental credentials and longstanding ethos of sustainability.



” From design development through to aftersales, we found the team at Marioff to be extremely knowledgeable and cooperative. They were especially helpful in accommodating our programme requirements, which was a real asset to the success of our project.”

Lindsey Donaldson, Project Manager

The HI-FOG Solution

Ten Hill Place chose the HI-FOG high-pressure water mist suppression system. From design to aftersales, Marioff's team of experts worked with Ten Hill Place to implement the best possible fire protection solution for the space. In this case, it was the HI-FOG MSPU4+1 modular pump unit.

The HI-FOG systems' modularity means it can be transported through tight spaces in pieces and assembled at the final location. This offered flexible and fast installation for Ten Hill Place's space, and the system's low-diameter tubes enabled simple retrofitting

and a discreet appearance in the building's carefully designed interiors. The system's high-pressure water mist sprinklers efficiently cool radiant heat while using significantly less water than traditional sprinkler systems, making them a more sustainable option for fire protection. As an additional benefit, the low water usage – and the fact that water mist does not pool – will minimize building and infrastructure damage if the system is ever activated.

Despite the system's efficient water usage, the HI-FOG is able to protect all spaces in the building, providing exceptional fire protection assurance for guests. The system is

integrated with the building's fire detection system for immediate activation in the event of a fire.

Results

The hotel's new HI-FOG system protects all 129 bedrooms across five floors, in addition to public areas like the gymnasium. The entire system is powered by a single MSPU4+1 pump unit and a single 30m³ capacity water tank.



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