

## Saunasafe low pressure water mist fire Suppression System

Saunasafe low pressure water mist fire suppression system. A cost effective and space saving solution for the protection of Saunas within the fitness, hotel and leisure industry.

### Avoid this...



The devastation caused by a Sauna Fire, which are often started through the discarding of flammable items and liquids making contact with heating elements. Electrical faults have also attributed to many recent major fires. Either way, the damage from the smoke alone can cause tens of thousands of pounds worth of damage, not to mention the on-going loss of revenue, which often runs into six figures.

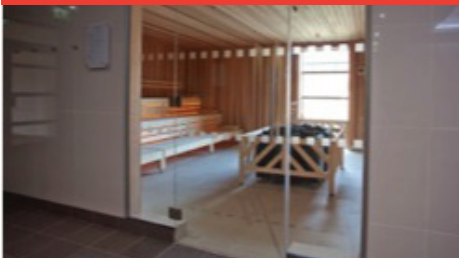
In recent years, the major loss caused by fires developing within Sauna's, has risen dramatically to the extent that there is now a need for a practical and cost effective fire system to meet this specific risk.

The Flamefast Saunasafe has been created to respond to an unprecedented demand from both potential clients and major UK Insurers. With currently no known approval in place, we are currently working with UK insurers and Fire systems approvers to find a satisfactory approval.

### Saunasafe Main features:

- Early warning detection of smoke to prevent fire outbreak
- Shut down of heater on fire detection
- Rapid suppression of the fire
- Low pressure water mist connected direct to mains water supply
- Quick and easy installation/retro fit
- No pump or tanks
- Space saving system
- Cost effective solution
- Can be interfaced into Fire alarm/BMS
- Environmentally friendly

### Retain this...



This unique system picks up from existing water supplies and in the event of the system operating, will shut down other usage and prioritise the water to the Fire System.

The sauna is monitored whilst the Sauna is in operation, by the unique multi sensor, and in the event of smoke being detected the Saunasafe will operate an audible alarm, and also shut down the power to the Sauna heater, with the emphasis on preventing the fire.

Should the smouldering product catch fire, the sensor will detect this and operate the Saunasafe suppression system, releasing low pressure water mist directly into the risk area. Due to the nature of sauna construction, it may be necessary to provide primary and secondary detection and protection, which will operate from the same unit.

The introduction of the water mist, rapidly cools the ambient temperature and provides an inerting effect which quickly suppresses and extinguishes the fire. The power is instantly shut down to the heater to remove any further heat and adverse reaction of water on the electrics.