

tyco
Fire Protection Products

FM-200[®]

Gaseous Fire Suppression Systems



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Fast, clean & safe fire protection

FM-200[®] systems are internationally accepted as providing reliable and effective fire protection solutions for high value assets, processes and locations, as well as the people who work in these protected areas.



Electrically non-conductive, FM-200 works by removing heat from a fire so that combustion cannot be sustained. When it comes to being safe for use, FM-200 delivers, which is why FM-200 systems are approved by, FM and UL listed; an ideal solution where personnel safety and process continuity are paramount.

The decision to use FM-200 can be based on a number of key factors: it is the most widely used of the chemical replacements for Halon 1301 and it is an agent that has been used to successfully protect tens of thousands of high-technology facilities in 70 countries around the world.

At its design concentration, FM-200 does not sufficiently deplete the oxygen level to a point where it is unsafe for occupants to remain in the room.

FM-200 agent is stored in cylinders as a liquid, super-pressurised with nitrogen so requiring only a very small storage 'footprint'.

The discharged gas flows through a piping network into the protected area, where it is applied to suppress the fire through heat absorption.

Significantly, there is no risk of thermal shock to delicate electronic equipment and FM-200 is electrically non-conductive and non-corrosive.

Additionally, it leaves no oily residue or deposits to damage software, data files or communications equipment, meaning post-discharge clean up time and costs are minimal.

Its use as a fire suppressant is not inhibited by the Montreal Protocol. Indeed, it is a clean agent that belongs to a class of compounds that was introduced specifically to facilitate the phase-out of ozone depleting gases, such as Halon 1301.



Benefits

- // Colourless, odourless, non-contaminating gaseous fire protection
- // Designed to protect critical assets and processes without consequential damage
- // Safe to use in occupied areas
- // Tried and tested through thousands of installations around the world
- // Quality & technical/ service support

Applications

- // Computer suites and data centres
- // Offshore oil/gas exploration and production facilities
- // Telecommunications centres
- // Power generation
- // Marine
- // Museums and archives
- // Data storage



Fast, effective fire protection for critical assets & processes

Full list of international approvals

Tried & trusted technology

Clean & safe solutions

An offshore oil rig is silhouetted against a bright orange sunset sky. The sun is a large, glowing orb on the left side, partially obscured by clouds. The rig's complex metal structure, including a tall derrick, is visible against the bright background. The overall scene is dominated by warm, golden-yellow tones.

**Trusted
gaseous
solutions
using
pioneering
technology**

FM-200[®]

Proven in thousands
of successful
installations worldwide

Protecting your most valuable assets

Extensively tested, FM-200 systems are proven safe for use in occupied areas. They are designed using bespoke software, which accurately calculates the amount of FM-200 required for the protected space. The target concentration of FM-200 in an identified protected volume is matched to international standards, which themselves are the result of extensive and repeated fire tests, to match design to fire protection performance.





Global strength. Local expertise. At your service.

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