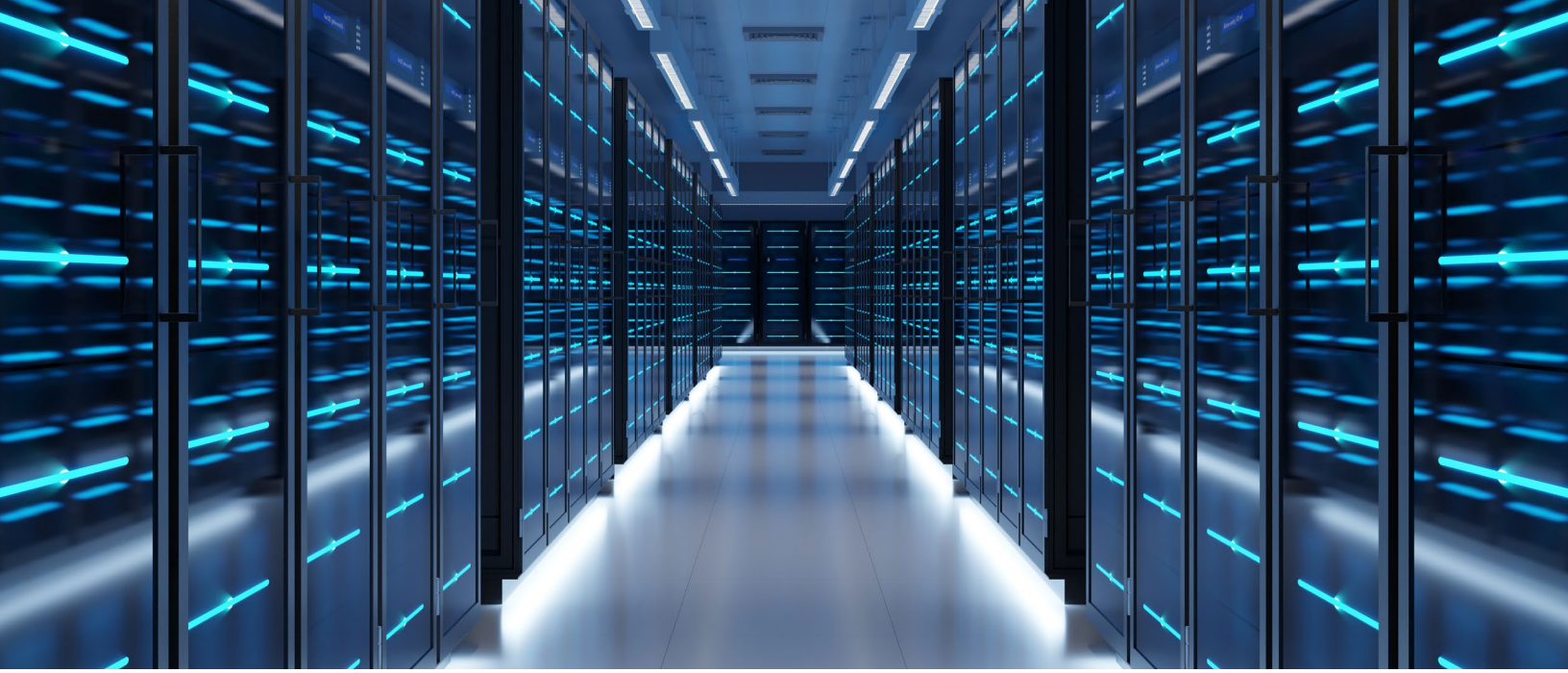

Sinorix™ 5112

An Intelligent Suppression Solution

Sinorix 5112 is an innovative solution that reduces the risk of fire damage in critical applications, sensitive equipment areas, and at museums or archives holding rare and invaluable collections.

Businesses today depend on critical areas that require a higher level of protection than sprinkler systems or stand-alone smoke detection. For spaces critical to business operation, such as rooms with servers, telecommunications equipment, electrical switchgear, or clean rooms, a smoldering fire means that area is incapacitated.

Now Siemens offers a comprehensive solution, Sinorix 5112, the latest in waterless extinguishing technology. Sinorix 5112 balances safe, effective protection of business continuity with the growing concern for controlling greenhouse gas emissions and protecting the environment.

The Sinorix 5112 solution is based on a long-term, sustainable technology that has one of the highest safety margins in the industry and ensures quick and reliable extinguishing while keeping people and sensitive equipment safe. It utilizes FK-5-1-12 fire protection fluid which is safe for people. Extinguishing via its cooling effect, FK-5-1-12 fluid works as a gas, yet it is a liquid at room temperature.

Before flames become large enough to activate the sprinklers, the Sinorix 5112 system reacts by absorbing the heat. This rapid response interrupts the balance of fire and promptly extinguishes it.

Key Benefits

- Utilizes FK-5-1-12 Fire Protection Fluid, an environmentally friendly extinguishing agent
- Extinguishing via its cooling effect, FK-5-1-12 fluid works as a gas, yet it is a liquid at room temperature
- Ideal for critical applications including sensitive equipment areas, and at museums or archives holding rare and invaluable collections

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Scalable solutions for facilities of all sizes

Siemens produces 100% of the detection control and suppression equipment. From the smoke detector to the nozzle, we have you covered.

Siemens offers the widest range of storage options in the industry — with agent storage capacity from 16 to 1200 pounds of FK-5-1-12 in a single cylinder. This allows for efficient use of cylinders in any combination to meet any project size.

Safe for assets and people

The Sinorix 5112 agent is non-conductive, which means it does not damage high value assets such as energized electronics. It is also harmless to human health at design concentrations. A low acute toxicity gives the Sinorix 5112 agent the widest margin of safety compared to halocarbon agents, CO_2 or inert gas mixtures. This makes the Sinorix 5112 system ideal for spaces that are normally or occasionally occupied.

Integrated solutions customized to your unique needs

Siemens is a complete, single source provider of fire detection products and solutions. After decades of comprehensive analysis of fire-smoke data, extensive fieldwork, and testing in the world's largest fire lab, we can confidently state that no one understands fire better than Siemens. We also play a major role in protecting the climate by helping our customers reduce their CO_2 emissions with innovative products like Sinorix 5112.

Contact us today discuss fire and safety solutions tailored to your individual applications.

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Our state-of-the-art fire suppression systems are combined with **ASA***technology*™ detectors. Their unique sensor system uses state-of-the-art forward/backward light scattering technology, providing advanced optical analysis of smoke particles and improving detection capability.

Each detector has two thermal and two optical sensors. This redundancy protects against false alarms caused by deceptive phenomena such as steam, dust, or gas. These detectors are unique in that they offer a No False Alarm Guarantee and also comply with NFPA 76 (Telecommunication Standard) and are classified as a Very Early Warning Fire Detector (VEWFD).

Legal Manufacturer

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