

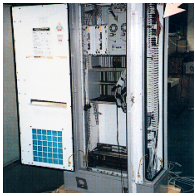


SIEMENS

Building Technologies



Sinorix™ 227
Dry extinguishing system



A mandatory, sound foundation: highly sensitive fire detection that is immune to deceptive phenomena.

When Fire Safety from Siemens Building Technologies designed the Cerberus® AlgoRex technology with AlgoLogic, we achieved a previously unmatched quality of fire detection. It has opened the door to integrated fire control solutions which, together with air sampling smoke detection systems, detect fire instantly, localize it and initiate appropriate intervention at just the right time.

Time is more than money, it is security

The shorter the time from the start of a fire to intervention, the smaller the damage. In special risk cases such as concentrations of valuable property, high downtime costs, etc., delay can be fatal. Statistics show that financial problems and loss of market share caused 70 per cent of all businesses that suffered a catastrophic fire to close within three years of the event.



For this reason alone, a fire extinguishing system as an addition to detection makes eminent sense.

As providers of complete systems Siemens draws on our complete range of fire extinguishing and closely matched detection systems, to give you outstanding protection.

From our range we have created Sinorix™ 227 (HFC277ea), a high-pressure system for extinguishing within the shortest possible time.



Fire doesn't stand a chance against Sinorix™ 227

Sinorix™ 227 is a chemical extinguishing gas, applied under high pressure, that extinguishes fire instantly and permanently.

High-pressure technology, previously proven in the Siemens halon system, largely accounts for Sinorix™ 227 faster extinguishing performance compared to traditional HFC227ea systems.

No burden on the environment

Unlike halon, HFC227ea (C₃HF₇, or heptafluoropropane) leaves the ozone layer intact (ODP=0) while achieving comparable extinguishing effectiveness.

That is why HFC227ea has become the commonly accepted chemical extinguishing agent replacement for halon.

Harmless to people

In the concentration used to extinguish fires, HFC227ea is harmless to humans both during and after the extinguishing process.

Equally effective in complex, large-scale systems

Sinorix™ 227 is the ideal extinguishing system for most applications. High-pressure technology virtually predestines it for complex, large-scale systems.

Use of existing halon installations

Provided quality and layout meet requirements, Sinorix™ 227 extinguishing systems can make use of legacy halon piping in many cases.



Modular pre-engineered, or custom-engineered systems

Depending on the application, different systems come into play. Modular, or pre-engineered, systems are used when piping systems have to be ruled out, or production processes cannot be interrupted.

Custom-engineered systems are closely calculated and planned to be equal to the risk concerned.

Internationally certified

Sinorix™ 227 extinguishing systems by Siemens are certified internationally by VdS, CNPP, APSAD, Hong Kong FSD and other national authorities (LPC certification applied for).



Sinorix™ 227

faster and more efficient.

Under 20 seconds

Numerous tests by different testing laboratories have shown Sinorix™ 227 to extinguish most fires in less than 10..15 seconds from initiation of the extinguishing process.

Unique high-pressure technology

Storing HFC227ea in cylinders at 42 bar produces a higher nozzle exit pressure that makes more complex systems possible. Extinguishing efficiency, as well as planning and installation flexibility, is markedly improved.

Up to 5 m ceiling height

While conventional extinguishing systems can at best handle ceiling heights of up to 4 meters, Sinorix™ 227 systems retain full effectiveness with ceiling heights of up to 5 meters.

The safest step you can take

Speak with our specialists. They would be pleased to brief you on the latest extinguishing technologies and incorporate your wishes in an effective fire protection concept.

Building Technologies

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Agents in more than 80 countries.