

Data Fire Protection

Saving lives, assets and the environment

Nobel Fire Systems has built on over 30 years of reliable, proven technology to develop fire suppression technologies aimed at special risk environments.

Underpinning the product development programme is a certain conviction that early fire detection and fast effective suppression saves lives, assets and the environment. The Company offers a complete range of services from risk based analysis, consultation and design through to distribution and installation.

As no single suppression medium or application method covers all fire risk scenarios, our range of fire suppression systems covers all class of fires, and systems can be tailored to meet individual needs.

Nobel Stat-X Watermist Gas

Nobel Stat-X

Condensed Aerosol System

Stat-X is a self-contained, environmentally friendly suppression system, proven to be extremely effective in use across a wide range of applications and is especially effective where there is a need to protect critical areas and hardware housing data and other information records.



Nobel Stat-X benefits include:

- **Fast installation time**
- **Reduced maintenance costs**
- **Safe for electronic equipment/magnetic media**
- **Minimal clean up in event of fire**
- **Up to 90% reduction in space and weight requirements**
- **No integrity testing needed**
- **Zero Ozone depletion**
- **Non Toxic**

To help cope with the special challenges associated with accomplishing effective fire detection and suppression in the modern data room, installation of the Stat-X automatic fire suppression system requires no pressure vessels, pipework or nozzles. Units are simply placed directly on or in the risk area being protected.

Stat-X units are sized for volume protection and are extremely compact, intensively efficient and cost effective to install. Space and weight requirements are minimal making Stat-X a seriously attractive option for many data protection applications. On an agent weight basis, Stat-X aerosol is ten times more effective than gaseous agent alternatives. Units are environmentally friendly with zero ozone depletion and zero global warming potential.

In the case of a fire breaking out, Stat-X can be operated both automatically and manually.

There are minimal clean up requirements as the fire suppression medium is an extremely fine potassium particulate that reacts chemically with the fire to extinguish the flames. One of the major advantages to data room users lies in the fact that the particulate remains in suspension for up to an hour thereby giving any materials ample time to cool and preventing the fire from potentially re-igniting.

Another key benefit of the Stat-X system is the fact that it requires very little maintenance and has a proven shelf life of 10 years, making the system a very cost-effective fire suppression solution.

Where required, the system's control panel can be easily connected to the property fire alarm for notification purposes.

Nobel Gas

More than just fire protection

The focus of fire suppression is rightly one of quickly limiting the amount of damage a fire can cause. Sometimes that's not enough. Critical facilities such as data rooms can require an even higher level of fire protection.

Most sprinkler systems activate when temperatures reach a pre-set level, often after a fire is established and equipment damage may have begun. Traditional water based agents are electrically conductive and can cause current flow resulting in damage to sensitive equipment. There's also the problem of cleaning up, drying out equipment and resultant loss making down time.

To help alleviate these problems, Nobel offers a range of gaseous fire suppression systems to cover all risks. Nobel provides the design, installation and servicing of all the systems with the risk to be protected dictating the choices available, taking into consideration the effect on the environment, type of fire risk, physical constraints, building structure and location, practicality and economic considerations.



Nobel Water Mist

A natural solution to a man-made problem

The Nobel Water Mist system provides a highly effective alternative to other fire suppression systems, for use across a wide range of data protection applications.

Environmentally friendly and with greater heat absorption efficiency. Nobel's Water Mist systems are designed to operate over a wide range of pressures and flows to achieve the required performance, capabilities and functions.

Water has a natural ability to absorb heat and by manipulating pressure and nozzle design the effective surface area of the water droplet can be increased, thereby creating a larger interface with the fire and greater energy absorption efficiency. In the case of fire breaking out, the Nobel Water Mist system as well as its ultra efficient fire suppression capabilities can act as to scrub the air of

smoke, aiding visibility and reducing smoke toxicity. The mist also protects against radiated heat and helps prevent the potential spread of fire to other areas.

A key benefit of the water mist system is the lower volumes of water required in comparison to fire sprinkler systems. This means that pipework diameters and storage capacities consequently reduce. Water can be delivered to the risk area via dedicated pumps.

Nobel Water Mist Systems have world-wide approvals.



data protection industrial catering marine property transport



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