

Nominee: Kidde Fire Protection

Nomination title: Kidde Fire Protection Fire Suppression Systems

At Kidde Fire Protection, we supply an innovative range of clean agent systems, making us a worldwide manufacturer of gaseous fire suppression systems. Our extensive clean agent systems are an ideal solution to preventing collateral damage to critical systems, which can be caused by water or powder. The types of industries which use our gaseous systems include computer businesses, telecoms, museums and art galleries to name a few, ensuring minimal damage and clean-up is required.

Kidde Fire Protection can offer a range of clean agents that are suitable fire extinguishing systems to protect data centres and telecommunication facilities from the threat of fire.

ARGONITE is an inert gas blend of argon and nitrogen, which occur naturally in the environment. With zero ODP, zero GWP and zero atmospheric lifetime, it has excellent environmental properties. A typical design concentration of 40% will reduce the oxygen level to 12.5% within 60 seconds. The space requirement for inert gas storage cylinders is greater than that needed for chemical agents, although the latest systems with cylinder storage pressures of 300 bar offer significant space savings over equivalent 200 bar systems. The cylinders are mounted in rows and may be stored in any suitable location, even over 100 metres away from the protected areas.

ARGONITE C60 is an evolutionary advance in the company's ARGONITE inert gas fire suppression system range. The new system introduces an innovative patented Controlled Flow Technology that allows considerable savings to be made on system installation costs, which deliver performance that meets or exceeds applicable regulatory and environmental regulations.

3M Novec™ 1230 fire protection fluid is the next generation in fire suppression technology. It has exceptional environmental credentials with a zero ODP, a GWP of just one, and an atmospheric lifetime of only five days. It is stored as a fluid and discharged as a gas. It offers a safety margin of up to 100% - that's higher than any other clean agent. It reaches its extinguishing concentration in ten seconds or less, and does not leave any residue behind.

Why nominee should win

- Provides unbiased advice to customers on the range of clean agents available on the Fire Suppression market
- Kidde Fire Protection has the skills and expertise on a wide range of technical subjects
- Delivers fire engineered gaseous fire suppression systems tailor designed for individual requirements
- Balances the industry concerns for system performance, human safety and environmental friendly whilst protecting high value assets
- Delivers quality products