




KD-1230[®]

High Performance Clean Agent
Fire Suppression System

Engineered for Use With 3M[™] Novec[™] 1230
Fire Protection Fluid



Have you ever wondered what would happen if your high-value assets were damaged by fire?

Imagine the disruption to your business if critical equipment were put out of action. Down-time could mean lost revenue, customers and profits.

The effects of fire can be catastrophic.

But it's not just fire you need to worry about. Extinguishing agents such as water or powder used in your fire protection system might cause serious damage too.

What you need is a fire suppression system that will protect your high-value assets from fire and the effects of fire fighting, and get your operation back to normal quickly with minimal damage and clean-up costs.

What you need is KD-1230.

3M™ Novec™ 1230 Fire Protection Fluid is stored as a liquid and discharged into the protected space as a gas.

Environment Friendly

Novec 1230 fluid has a zero Ozone Depletion Potential, a Global Warming Potential of just one, and an atmospheric lifetime of only five days.

Safe

Independent scientific studies have proven that Novec 1230 fluid poses no safety risk to people in occupied spaces at the normal design concentration. It also offers a safety margin of up to 100% - that's higher than any other type of clean fire suppression agent.

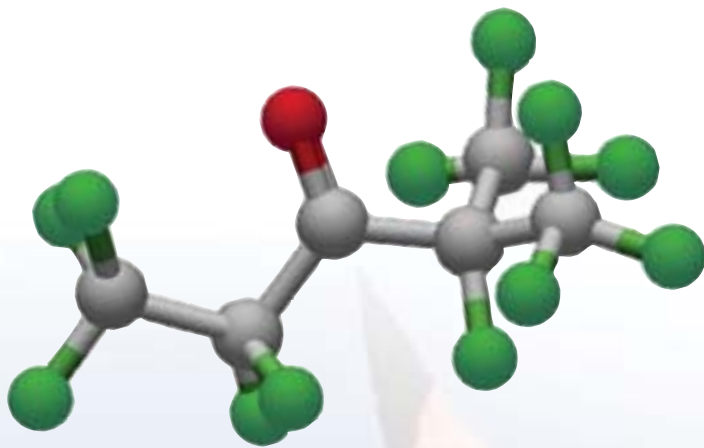
Effective

Novec 1230 fluid puts fires out quickly, before they can do any serious damage. It does this by reaching extinguishing concentrations in ten seconds or less. It is effective on a wide range of Class A, B and electrical fires.

Clean

Novec 1230 fluid discharges as a colourless, electrically non-conductive, and non-corrosive gas. It does not leave any residue behind, and there is no need for costly clean-up operations.

It puts fires out quickly by a combination of heat absorption and chemical interference with the flame.



The KD-1230 System consists of 3M™ Novec™ 1230 Fire Protection Fluid stored in cylinders connected to distribution pipe work and nozzles.



High Performance 42 Bar System

KD-1230 is a High Performance 42 Bar System that offers major technical and economic advantages over 25 bar systems. It prevents liquid agent coming into contact with high-value assets by ensuring reliable conversion into gas. It also pushes the agent over longer distances through distribution pipe networks. This means increased design flexibility for larger or complex facilities, and for applications where cylinders cannot be located next to the risk.

Applications



- Archive Stores
- Art Galleries
- Museums
- Clean Rooms
- Computer Suites
- Operation Rooms
- Control Rooms
- Railway Signalling Centres
- Air Traffic Management Centres
- Data Processing Equipment
- Electronic Data Processing Facilities
- Financial Centres and Banks
- Electronics and Data Processing
- Heritage Sites
- Insurance Industry
- Internet Service Providers
- Libraries
- Medical and Laboratory Equipment
- Military Installations
- Offshore Oil and Gas Installations
- Pipeline Pumping Stations
- Petrochemical Plants
- Pharmaceutical and Medical Facilities
- Power Generation
- Process Industry Control Rooms
- Rare Book Libraries
- Record Storage
- Substation Control Rooms
- Switch Rooms
- Telecomm Centres
- Universities and Colleges

When only the best will do



Market Leader

Backed by the technical and financial strength of Kidde plc, the world's largest independent supplier of fire and safety products, we have over sixty years experience in designing and manufacturing fire protection systems throughout the world.

Innovation

We pioneered the development of clean agent fire suppression systems ten years ago, and since then have been continually at the forefront of new product research and development.

Track Record

We have a proven track record of success with more than ten thousand clean agent fire suppression systems supplied world wide.

Globally Approved

The KD-1230 System is fully approved by independent third party certification authorities.

Reliability

Our production facility is the newest and most advanced in Europe. We operate an ISO 9001:2000 registered quality management system in which components and finished products are rigorously tested and inspected to guarantee you the highest quality performance and reliability.

People

Our Investors in People accreditation proves that our high standards of quality are reflected not only in the excellence of our products, but also in the skills and motivation of people throughout our organisation.

Technical Support

Our international network of distributors are factory trained to design the system that is right for you; install and commission it quickly and efficiently; and ensure that your system is properly serviced and maintained.

Single Source

We offer a full range of optional fire detection systems compatible with the KD-1230 System. These include aspirating and point smoke detectors, and fire control panels for single zone or analogue addressable systems.

Kidde Fire Protection operates a continuous programme of product development. The right is therefore reserved to modify any specifications without prior notice and Kidde Fire Protection should be contacted to ensure that the current issues of all technical data sheets are used. 3M and Novec are trademarks of 3M Company.

Kidde Fire Protection

Thame Park Road,
Thame,
Oxon OX9 3RT,
United Kingdom

Telephone: +44 (0)1844 265003
Fax: +44 (0)1844 265156
Email: info@kfp.co.uk
Web: www.kfp.co.uk