

## PRODUCT OVERVIEW



# NOVEC 1230 25/42 BAR

### Gaseous Fire Suppression Systems Delivering 3M Novec 1230 Fire Protection Fluid

- Environmentally Friendly
- Safe for People
- Fast Acting
- Compact Storage
- Easy to Refill
- International Approvals

### Overview

FOT NOVEC 1230 Fire Suppression Systems delivering 3M Novec 1230 Fire Protection Fluid is a safe, environmentally friendly clean agent system, that has a proven track record for protecting people and high value assets.

### Playing safe

FOT NOVEC 1230 systems are ideal for use in occupied areas. Independent toxicity studies have established that the agent is low in both acute and chronic toxicity with high safety margins between its normal use concentrations and the No Observable Adverse Effect Level (NOAEL).

### Fast acting suppression

FOT NOVEC 1230 systems work fast and are designed to rapidly absorb heat to the point where combustion ceases. Once actuated, FOT NOVEC 1230 systems deliver the extinguishant within 10 seconds, suppressing fires before they have the chance to spread. Most importantly when a fire is suppressed quickly, the result is less damage, lower refurbishment costs and reduced downtime.



**FOT**<sup>®</sup> FIRE CONTROL

...excellence in fire suppression

[www.fotfirecontrol.co.uk](http://www.fotfirecontrol.co.uk) | [sales@fotfirecontrol.co.uk](mailto:sales@fotfirecontrol.co.uk) | +44 333 2244 360



## NOVEC 1230 25/42 BAR Applications

- Data Centres
- Machinery Spaces
- Engine Rooms
- Medical Facilities
- Heritage Sites
- Air Traffic Control
- Oil and Gas Facilities

### Compact low-pressure technology

FOT NOVEC 1230 systems are compact and operate at both 25 and 42 bar and have been designed and developed based on independently witnessed fire tests. It has been proven to achieve homogeneous distribution of agent at these pressures complying with international standards and meeting the requirements of approval agencies worldwide.

### System recharging

As the Novec 1230 Fluid is stored as a liquid at room temperature the agent may be transported in lightweight drums or plastic totes, enabling the agent to be made available quickly at a conveniently located recharge station.

| Agent comparison                |            |         |        |           |
|---------------------------------|------------|---------|--------|-----------|
| Properties                      | Novec 1230 | HFC-125 | HFC-23 | HFC-227ea |
| Ozone depletion potential (ODP) | 0          | 0       | 0      | 0         |
| Global warming potential (GWP)  | 1          | 3,500   | 14,800 | 3,220     |
| Atmospheric lifetime (ATL)      | 0.014      | 29      | 270    | 34.2      |

