



ADS™ with 3M™ Novec™ 1230 Fire Protection Fluid

Fire Extinguishing System

Ideal for Long Distances and Complex Piping Networks

The Kidde Fire Protection ADS™ Fire Extinguishing System with 3M™ Novec™ 1230 Fire Protection Fluid improves the performance of a standard 25 bar system by using a Nitrogen driver (124 bar) to “push” the agent through the piping network. This innovation provides better coverage, greater nozzle heights, smaller diameter pipe and longer pipe runs than a standard clean agent extinguishing system.

ADS™ System with Novec™ 1230 Fluid Benefits:

- Flexibility to protect multiple hazards from a single container bank location by adding selector valves
- If space is not restricted, placement in or near hazard area allows for smallest possible pipe diameter to be used, resulting in installation cost savings
- Increased flow rates allow for better coverage of larger hazard areas

ADS™ System with Novec™ 1230 Fluid Features:

- Containers can be located up to 60 meters from hazard area
- Nozzle can be placed at a height of up to 5.6m
- Nozzle coverage area of up to 13m x 13m



Why Choose an ADS™ with Novec™ 1230 Fluid System?

Rapid-Response. In seconds, the ADS™ with Novec™ 1230 Fluid System discharges the extinguishing agent into the hazard area resulting in less damage, fewer repair costs and reduced downtime.

Damage-Free. Removed from the hazard area by ventilation, the clean agent allows virtually immediate return to “business as usual” without the interruption of a lengthy clean-up or the expense of damage to assets from agent residue.

People-Safe. Clean agents are non-toxic, when used in compliance with BS EN 15004 and does not impair breathing or obscure vision in an emergency situation, providing an added measure of safety for personnel.

Environmentally-Responsible. With zero Ozone Depletion Potential, low atmospheric lifetime, and speedy suppression performance, clean agents offer low environmental impact and reduce the potentially devastating atmospheric pollutants of an uncontrolled fire.

Laboratory-Tested. Clean Agents have been tested and found to be effective on the widest possible range of Class A surface fire (wood, paper and textiles), Class B (flammable liquids) fuels.

Globally-Accepted. Used in more than 70 countries around the world, clean agents meet the standards of Underwriters Laboratories, FM Approvals, the National Fire Protection Association (2001 Standard), the U.S. EPA SNAP program, LPCB, EN 15004 and ISO 14520.



Typical applications protected by an ADS™ with Novec™ 1230 Fluid Clean Agent System:

- Health Care Facilities
- Internet Hosting Facilities
- Larger Manufacturing Complexes
- Multi-level Sites
- Recording Studios
- Telecommunications Facilities

Integrated ADS™ with Novec™ 1230 Fluid Clean Agent System components:

- Control Unit
- Smoke Detection
- Heat Detection
- Suppression Cylinders
- Notification Devices
- Manual Pull Stations

Approvals & Listings:

- FM Approved
- TPED
- CPR



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