ADS™ WITH 3M™ NOVEC™ 1230 FIRE PROTECTION FLUID

CLEAN AGENT FIRE SUPPRESSION SYSTEM

Ideal for Long Distances and Complex Piping Networks

The Kidde Fire Systems ADS Suppression System with 3M™ Novec™ 1230 Fire Protection Fluid improves the performance of a standard 360 psi system by using a Nitrogen driver 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 suppression system.

ADS System with Novec™ 1230 Fluid Benefits:

- Flexibility to protect multiple hazards from a single cylinder bank location by adding 3-way directional 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:

- Cylinders can be located up to 200 feet from hazard area
- Nozzle can be placed at a height of up to 18' 6"
- Nozzle coverage area of up to 42' 6" x 42' 6"

Kidde Fire Systems

Why Choose an ADS with Novec 1230 Fluid System?

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

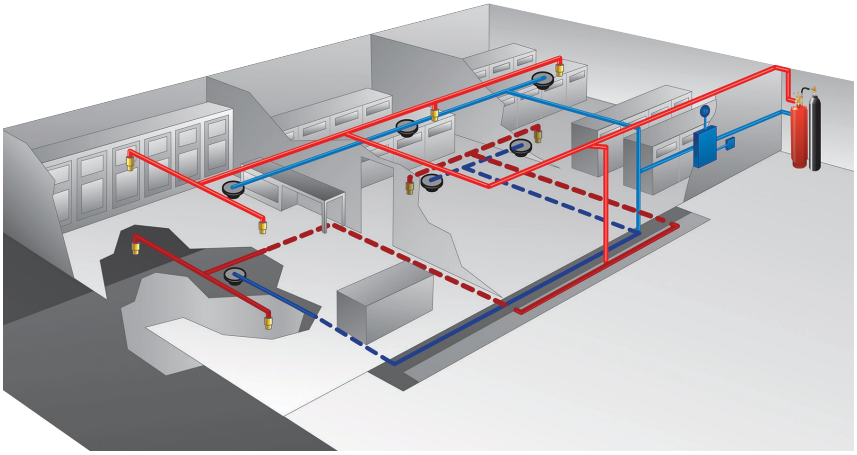
Damage-Free. Removed from the hazard area by ventilation, the clean agent allows virtually immediate return to "business as usual" without the interruption of a lengthy clean-up or the expense of damage to assets from suppressant residue.

People-Safe. Clean agents are non-toxic, when used in compliance with NFPA Standard 2001 and do 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 cloth), Class B (flammable liquids) and Class C (electrical) 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 and most global approval authorities.



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:

- UL Listed
- FM Approved
- USCG Approved

Kidde Fire Systems

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