



ADS™ with Fluoro-K™ Fire Suppression Agent Fire Suppression System

Ideal for Long Distances and Complex Piping Networks

The Kidde Fire Systems Advanced Delivery System (ADS™) type Clean Agent Suppression System using Fluoro-K™ improves the performance of standard 360 psi (25 bar) or 500 psi (35 bar) systems by using a Nitrogen driver to propel 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 Fluoro-K™ Benefits:

- Provides economical protection of multiple enclosures when used with 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 Fluoro-K™ 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"



Why Choose an ADS System?

Rapid-Response. In seconds, the ADS™ System discharges the Fluoro-K™ suppression agent into the hazard area resulting in less damage, fewer repair costs and reduced downtime compared to water-based system discharge.

Minimizes Damage. 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. Fluoro-K™ has been tested and found to be effective on a wide range of Class A surface fire (wood, paper and cloth), Class B (flammable liquids) and Class C (electrical) fuels.

Globally-Accepted. Fluoro-K™ agent meets the standards of Underwriters Laboratories, FM Approvals, the National Fire Protection Standard NFPA-2001, and the U.S. EPA SNAP program.

Stamp of Approval. Our quality engineers and chemical experts working alongside third party laboratories have subjected the FK-5-1-12 agent to rigorous testing prior to acceptance – so you can be assured of receiving the same high-quality fire suppression delivery system platforms that we have shipped to you in years past and that you expect to receive from us going forward.

Typical applications protected by an ADS™ with Fluoro-K™ Clean Agent System:

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

Integrated ADS™ with Fluoro-K™ Clean Agent System components:

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

ADS System Approvals & Listings:

- UL Listed
- FM Approved
- Other marine- and land-based approvals in process

Fluoro-K™ Component Approvals & Listings:

- cULus Listed
- FM Approved

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