



## **ADS™ with Kidde Fluoro-K™ Fire Suppression Agent** **Fire Suppression System**

**Ideal for Long Distances and Complex Piping Networks**

The Kidde 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.** Kidde 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.** Kidde 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.

**Kidde Stamp of Approval.** Kidde 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

