



ADS™ with HFC-227ea

Fire Suppression System

Engineered System Providing Exceptional Performance

The Kidde Fire Systems ADS™ with HFC-227ea Clean Agent Suppression System was developed by our engineers to provide economical protection for larger enclosures requiring longer agent flow distances. Its innovative technology allows the ADS to deliver mass flow rates 2.5 to 3 times faster than a standard clean agent system. This innovation allows networking of longer pipe runs in complex configurations with smaller pipe sizes for protection of larger hazard areas.

ADS System Benefits:

- Increased agent flow rates and distances provide better coverage for larger hazard areas
- Smaller piping diameter results in installation cost savings
- Ultimate design flexibility provides the most economical protection for many applications
- Offers higher cylinder fill capacities for more efficient agent storage
- Enhanced versatility – directional valves for economic protection of multiple enclosures



Why Choose a ADS?

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

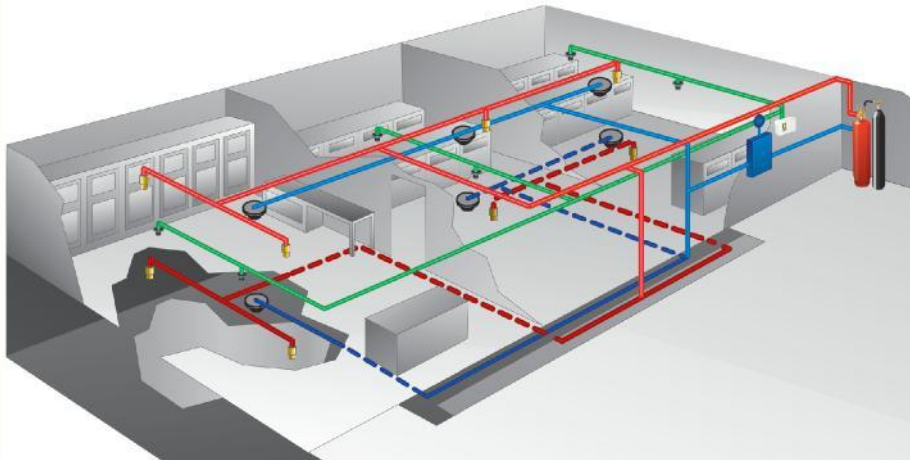
Damage-Free. Removed from the hazard area by ventilation, the clean agent allows virtually immediate return to "business as usual" without the interruption of a lengthy clean-up or the expense of damage to assets from suppressant residue.

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 HFC-227EA Clean Agent:

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

Integrated ADS with HFC-227EA 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

