



# KIDDE® ADS™ WITH 3M™ NOVEC™ 1230 FIRE PROTECTION FLUID CLEAN AGENT FIRE SUPPRESSION SYSTEM

THE SYSTEM for Long Distances & Complex Piping Networks...

## Extra Nitrogen Gives You More Coverage While Reducing Installation Costs

What do you get when you combine 3M™ Novec™ 1230 Fire Protection Fluid stored at 360 PSI with Nitrogen at 1,800 PSI? The Kidde Clean Agent ADS System with Novec 1230 Fluid. This results in the best coverage, highest nozzle, smallest diameter pipe and longest pipe runs.

## Centrally-Located Cylinder Banks

Finding the proper storage area for your clean agent cylinders *near* your protected space can be problematic. With the Kidde ADS system, the cylinders can be stored more than 200 feet from the protected space. This gives you the flexibility to protect multiple hazards from a single cylinder bank location. Piping runs can be reduced by adding directional valves at strategic locations.

## Smallest Pipe Diameter

If space is not a restriction, placement in or near the hazard area allows the smallest possible pipe diameter, thereby lowering your piping costs.

## Still Need to Replace Halon?

These characteristics allow the Kidde ADS System with Novec 1230 Fluid to be a virtual "drop-in" replacement for existing Halon 1301 systems. Most installations will require only new nozzles and agent storage cylinders and can use most of the existing pipework – providing substantial savings when retrofitting an existing system.

## Kidde ADS System with 3M™ Novec™ 1230 Fire Protection Fluid Features:

- Increased agent flow rates and distances provide better coverage for larger hazard areas
- Smaller piping diameter results in installation cost savings
- Enhanced performance and versatility – use with 3-way directional valves for economic protection of multiple enclosures
- Nozzle placement up to a height of 18' 6"
- Nozzle coverage area of 42' 6" x 42' 6"
- Virtual "drop-in" replacement for existing Halon 1301 installations – uses existing piping, changes may be limited to replacement of agent storage cylinders and nozzles

**When you choose  
Kidde, you've  
chosen the  
world's most  
respected name  
in special hazards  
fire protection.**



**Large System (~100K FT<sup>3</sup>)****360 PSI****500 PSI****720 PSI****ADS  
1 N2 Driver****ADS  
2 N2 Drivers**

Cost



Minimum Pipe Diameter - Short Run (In.)

6.0

6.0

5.0

5.0

4.0

Maximum Distance - Long Run (Ft.)

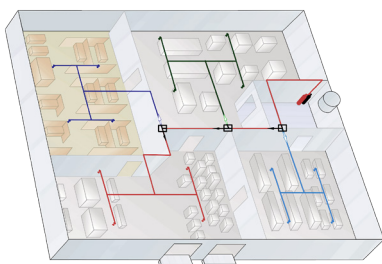
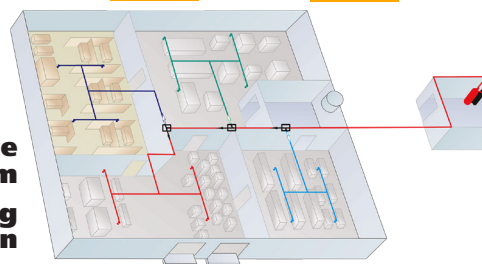
45

68

60

150

200

**Large  
System  
Short  
Run****Large  
System  
Long  
Run****Medium System (~40K FT<sup>3</sup>)****360 PSI****500 PSI****720 PSI****ADS  
1 N2 Driver**

Cost



Minimum Pipe Diameter - Short Run (In.)

4.0

4.0

4.0

4.0

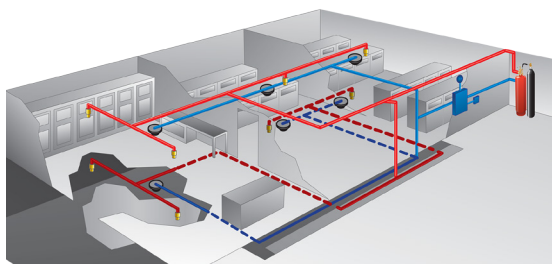
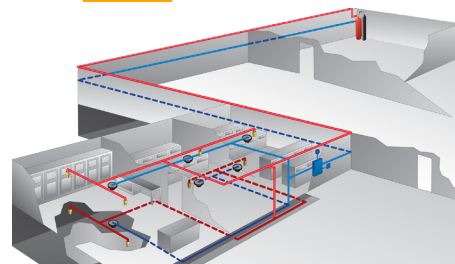
Maximum Distance - Long Run (Ft.)

96

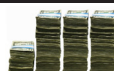
120

125

236

**Medium  
System  
Short  
Run****Medium  
System  
Long  
Run****Small System (~10K FT<sup>3</sup>)****360 PSI****500 PSI****720 PSI****ADS  
1 N2 Driver**

Cost



Minimum Pipe Diameter - Short Run (In.)

1.5

1.5

1.5

1.25

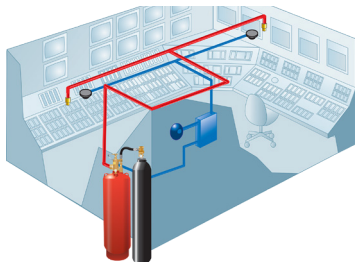
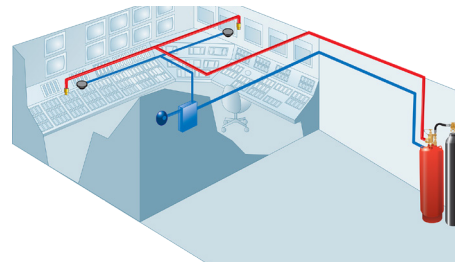
Maximum Distance - Long Run (Ft.)

85

130

150

220

**Small  
System  
Short  
Run****Small  
System  
Long  
Run****Why Choose a Kidde ADS System?**

**Best In Class.** The advantages of a Kidde ADS System with dual Nitrogen driver cylinders can't be matched for a large application. And our ADS System with a single Nitrogen driver is your clear choice for a small or medium application.



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[www.kiddefiresystems.com](http://www.kiddefiresystems.com)

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