



# KIDDE® ECS-500™ WITH FK-5-1-12 CLEAN AGENT SUPPRESSION SYSTEM

## Optimize cylinder storage location for flexible and cost-effective installation

The ECS-500 Clean Agent Suppression System is the newest entry in our engineered clean agent suppression product line. The higher pressure (500 psi/34.5 bar) of the ECS-500 provides superior system performance as compared to 360 psi/25 bar systems. Now you have the flexibility of a mid-tier solution between our standard ECS™ and Advanced Delivery System (ADS™) to meet application size, design requirements and the client's budget.

### Kidde ECS-500 System Benefits:

The ECS-500 system provides all the benefits of the standard ECS system with added advantages that provide improved system design flexibility and reduced installation and material costs:

- New 1,100 lb. cylinder reduces cylinder quantities and installation time required, while providing enough agent to cover up to a 27,000 ft.<sup>3</sup> area with a single cylinder
- Increased system pressure allows for longer pipe runs and use of smaller pipe diameters
- Provides flexibility to remotely locate cylinder storage area more than twice the distance from the hazard area when compared to 360 psi/25 bar systems

### Kidde ECS-500 System Features:

- A wide range of filling capacities from 6 lbs. to 1,100 lbs.
- Fire protection of up to 27,000 ft.<sup>3</sup> with a single cylinder
- Provides economical protection of multiple enclosures when used with directional valves



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

## Why Choose a Kidde ECS-500 Clean Agent System?

**Rapid-Response.** In seconds, the ECS System discharges the suppression agent into the hazard area resulting in less damage, fewer repair costs and reduced downtime than a standard code-compliant sprinkler system.

**Damage-Free.** Removed from the hazard area by ventilation, ECS-500 Clean Agent (FK-5-1-12) allows a virtually immediate return to “business as usual” without the interruption of a costly clean-up and the expense of damage to assets from residue.

**People-Safe.** ECS-500 Clean Agent (FK-5-1-12) is non-toxic, when used in compliance with NFPA Standard 2001. ECS Clean Agent does not impair breathing or obscure vision in an emergency situation, providing an added measure of safety for personnel.

**Environmentally-Conscientious.** With a zero Ozone Depletion Potential, a low atmospheric lifetime, and its rapid suppression performance, ECS-500 Clean Agent (FK-5-1-12) not only offers low environmental impact, but reduces the potentially devastating atmospheric pollutants of an uncontrolled fire.

**Laboratory-Tested.** ECS-500 Clean Agent (FK-5-1-12) has been tested and found to be effective on the widest possible range of Class A surface (wood, paper and cloth), Class B (flammable liquids) and Class C (electrical) fires.

**Globally-Accepted.** Used in more than 70 countries around the world, ECS-500 Clean Agent (FK-5-1-12) 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.

## Approvals and Listings:

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

## Typical Applications Protected by an ECS-500 Clean Agent System:

- Data Processing Centers
- Process Control Rooms
- Clean Manufacturing Facilities
- Bank Vaults
- Simulators
- Battery Backup Rooms
- Document Storage

## Integrated ECS-500 Clean Agent System Components:

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



400 Main Street  
Ashland, MA 01721 USA  
508.881.2000  
[www.kiddefiresystems.com](http://www.kiddefiresystems.com)