

SEVO™ Solutions

High Value Asset Fire Suppression



SEVO™ Solutions

SEVO™ Systems has always been the leader in the development of Clean Agent Fire Suppression Technologies utilizing FK-5-1-12 Fire Suppression Fluid. SEVO's comprehensive product line offers systems capable of protecting special hazards of all sizes, from a smallest server cabinet, up to a large aircraft hangar. If you've got a hazard to protect, SEVO Systems has a solution.

Pre-Engineered Systems

For smaller hazards, SEVO offers three different pre-engineered systems that are Plug and Play. Featuring simple installation, rapid detection, and instant fire suppression, SEVO has a solution available for all of your special hazards that are small in size but large in importance.

SMART Cabinet FDS



MODULAR



flex™



19" RACK SERVER CABINETS	ENCLOSED SPACES UP TO 360 FT ³ (10.2 M ³)	HAZARDS UP TO 14,600 FT ³ (413 M ³)
RACK INSTALLED FULLY INTEGRATED SERVER CABINET FIRE SUPPRESSION	FULLY AUTOMATED IN-CABINET MICRO SYSTEMS	PLUG-N-PLAY PRE-ENGINEERED CLEAN AGENT SYSTEMS
· ALL COMPONENTS INCLUDED · FULLY PROGRAMMED · IN CABINET	· ENCLOSED SPACES · NO ELECTRICAL REQUIRED · AUTOMATED PROTECTION	· NO PIPING / MECHANICAL · FULLY PROGRAMMED · IN-ROOM OR REMOTE
NFPA STANDARD 13, 25, 72, 2001	NFPA STANDARD 2001	NFPA STANDARD 72, 2001

*Server Rack Not Included

Special Hazards

Often times, projects need further specialized attention. SEVO's engineering team is capable of providing specialized solutions to meet your requirements.

Engineered Systems

For large hazards, SEVO offers a variety of solutions. The FireFlex Dual System offers both Pre-Action and Clean Agent protection. The SEVO 1230 is a Total Flooding System that is available in 360 or 500psi, both of which can be retrofitted to existing Halon system piping to save time and money. The Titan1230™ Bulk Clean Agent System is the largest system on the market, rounding out the most comprehensive product line available anywhere.



FORCE500



Titan₁₂₃₀™



HAZARDS UP TO 20,650 FT ³ (584 M ³)	HAZARDS 400 FT ³ TO 75,000 FT ³ (11 M ³ TO 2125 M ³)	HAZARDS > 25,000 FT ³ (2123 M ³)
CLEAN AGENT FIRE SUPPRESSION SYSTEM WITH PRE-ACTION BACKUP	LOW PRESSURE HIGH FLOW ENGINEERED	LARGEST HAZARD ENGINEERED BULK CLEAN AGENT SYSTEM
<ul style="list-style-type: none"> · SINGLE OR DOUBLE INTERLOCKED · FULLY PROGRAMMED · IN-ROOM OR REMOTE 	<ul style="list-style-type: none"> · 20% LESS HARDWARE · RETROFIT TO EXISTING HALON PIPE NETWORKS · 80% LONGER PIPE RUNS 	<ul style="list-style-type: none"> 50% REDUCTION IN FLOOR SPACE · REMOTE STORAGE (300FT) · 65% LESS HARDWARE
NFPA STANDARD 13, 25, 72, 2001	NFPA STANDARD 72, 2001	NFPA STANDARD 72, 2001

Clean Agent FK-5-1-12

FK-5-1-1² Fire Protection Fluid - a highly effective and environmentally safe substitute for halon, designed to provide exceptional fire protection performance with the widest safety margin among all clean agents.

This innovative fire protection fluid is composed of dodecafluoro-2-methylpentan-3-one, a fluoroketone chemical with zero ozone depletion potential and a global warming potential of less than 1. As a testament to its quality, FK-5-1-12 Fire Protection Fluid is listed in the National Fire Protection Association and ISO 14520 clean agent standards under its ASHRAE nomenclature, FK-5-1-12.

Properties	FK-5-1-12	Halon 1211	Halon 1301	HFC-125	HFC-227ea
Ozone depletion potential (ODP) ¹	0.0	4.0	12.0	0.0	0.0
Global warming potential - IPCC ²	<1	1750	6290	3170	3350
Atmospheric lifetime (Years)	0.019	16	65	28.2	38.9
SNAP (Yes/No)	Yes	N/A	N/A	No	No



CAPS REFILLING SYSTEM: PORTABLE REFILL AND RECHARGE ON-SITE

The SEVO CAPS™ (Clean Agent Pumping System) Refill and Recharge Station provides a SEVO approved method for refilling and pressurization. SEVO's global network of authorized retailers allows for immediate on-site refill after a discharge to meet NFPA 2001 requirements.

