CABINETS

flex™

AUTOMATIC CLEAN AGENT FIRE PROTECTION SYSTEM

SEVO CAPABILITIES

MISSION CRITICAL FIRE PROTECTION

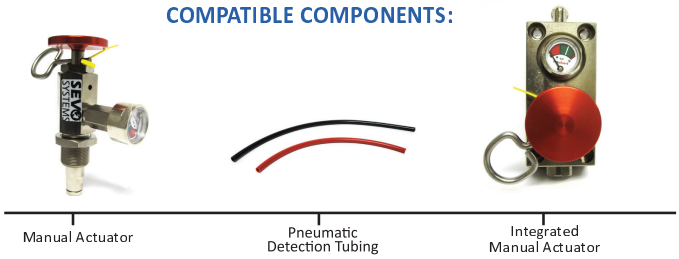
Switch Gear and Control Cabinets are the power centers in industrial and commercial facilities. The electrical nature of these cabinets means fire is always a potential risk. Should a fire occur in one of these cabinets without any type of protection- be it from overloaded circuits, incorrect wiring, or equipment failure- it not only threatens to destroy the components inside of the cabinets and bring production to a halt, but also to potentially move into other areas of the facility, which could result in a catastrophic loss.

These risks mean cabinets should always be safeguarded by the highest quality fire protection equipment available.

SEVO Systems Flex™ is the solution. Flex automatic extinguishing systems are installed inside of the sealed cabinets, providing continuous protection right at the source of the fire hazard. This mitigates risk and ensures that your facility maintains uninterrupted productivity.

Plus, the **SEVO Flex** utilizes 3M™ Novec™ 1230 Fire Protection Fluid, the safest and most environmentally friendly clean agent on the market today. It is electrically non-conductive, is very low in toxicity, and leaves no residue, so there are no cleanup delays after a system discharge.

COMPATIBLE COMPONENTS:



SEVO™ SYSTEMS
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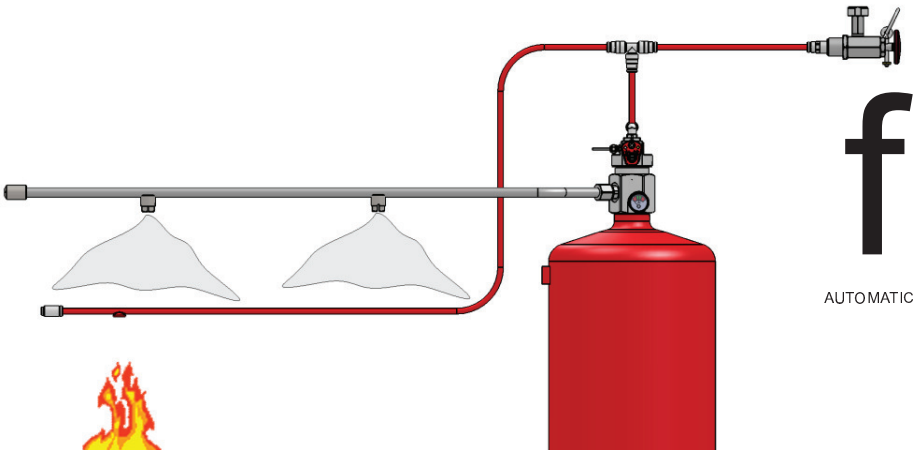
CABINETS



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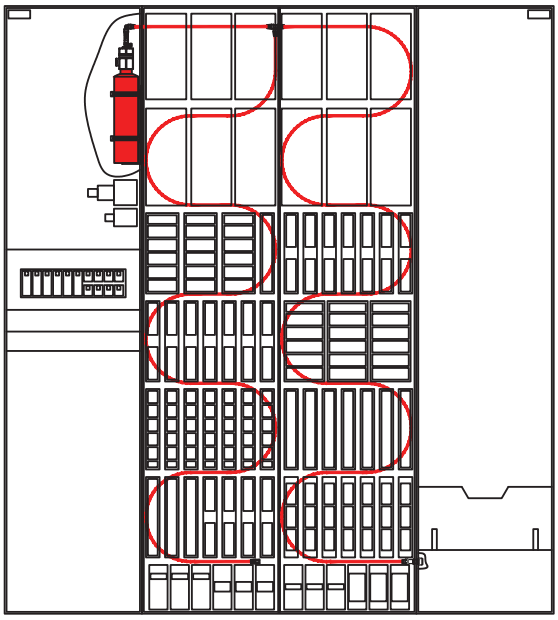
SEVO Flex offers two customized options for Switch Gear / Control Cabinet protection.

Flex™ Focus utilizes advanced pneumatic detection tubing, a multi-functioning line that detects heat, creates a nozzle in the tubing, and discharges Novec1230 out of the formed nozzle. This system is pressurized at 240psi (16.5 bar) and the andvanced pneumatic detection tubing has a burst point of 248°F (120°C) or 356°F (180°C), which allows for a higher evaporation rate and faster discharge/extinguishing time over traditional 195psi systems. The tubing is routed through the electrical cabinet for optimal detection, and will burst at the rated temperature if a fire should occur. Once this happens, the Novec 1230 fluid is discharged through the nozzle formed in the tubing for rapid extinguishment.

Flex™ Multi-Point, available in pneumatic and electrical versions, also uses the advanced pneumatic detection tubing. In addition, both versions utilize a pipe network and nozzles. The electrical option offers selections of linear heat wire, smoke detectors, and air sampling equipment. When one of the above options detects heat or smoke, a signal is sent to activate the Flex System. A pressure switch is available for system monitoring or equipment shut down, and is recommended to prevent reignition.



The Pneumatic Detection tubing (shown in red) provides focused coverage over areas of risk.

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