

INTRODUCING THE FORCE500™

by SEVO Systems

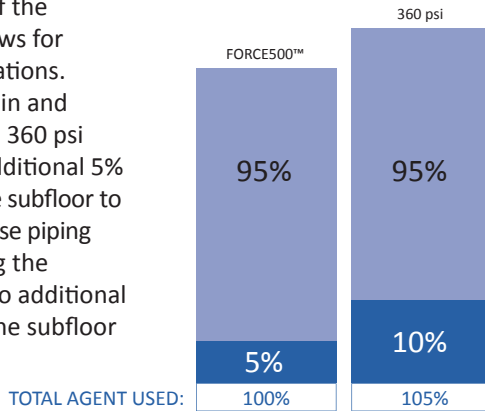
OVERVIEW

The SEVO™ 1230 FORCE500™ Clean Agent Fire Suppression System is a revolutionary new technology for clean agent systems that utilizes 3M™ Novec™ 1230 Fire Protection Fluid and its unique ability to be pressurized to 500 psi (34.5 bar). It allows for longer pipe runs and smaller pipe diameters in addition to its cost saving benefits of using less clean agent in smaller and/or fewer cylinders per project. Along with these new engineering capabilities, it includes standard monitoring components such as an integrated pressure switch, pressure gauge, and gauge guard. The low vapor pressure of Novec 1230 Fluid allows for use of low pressure welded cylinders and Schedule 40 piping. With these revolutionary features, the FORCE500™ is a standout to conventional 360 psi (25 bar) systems.

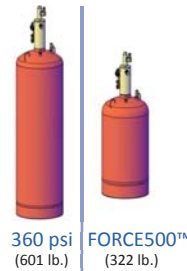
LESS CLEAN AGENT

The higher flow rate of the FORCE500 system allows for enhanced piping limitations. When protecting a main and subfloor hazard with a 360 psi system, a minimum additional 5% agent is required in the subfloor to compensate due to these piping limitations. By Utilizing the FORCE500™ system, no additional agent is required for the subfloor or subsequent areas.

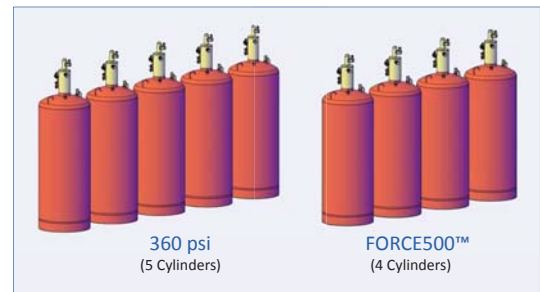
FEATURES:



SMALLER AND/OR FEWER CYLINDERS: REDUCTION IN COSTS



The higher pressure of the FORCE500 system allows the use of smaller cylinder sizes compared to 360 psi systems. In large, multi-cylinder systems, the FORCE500 requires fewer cylinders than the equivalent 360 psi systems due to its added pressure.



INCREASED SINGLE NOZZLE COVERAGE

The new SEVO 2 ½ inch nozzle covers 16,640 cu. ft. (500 cu. meters) allowing for fewer nozzles with higher flow rates and less pipe.

System	m ³	Nozzle Quantity	Nozzle Size
FORCE500™	500	1	2 1/2"
360 psi	500	2	2"



RETROFIT OF EXISTING HALON & HFC SYSTEMS

FEATURES:

SEVO Systems' retrofit of existing halon systems is a 1 for 1 cylinder and nozzle replacement that includes a minimal cylinder footprint expansion. Retrofitting of existing halon systems features longer pipe runs, reduced nozzle pressure, resulting in a reduction of overall cost.

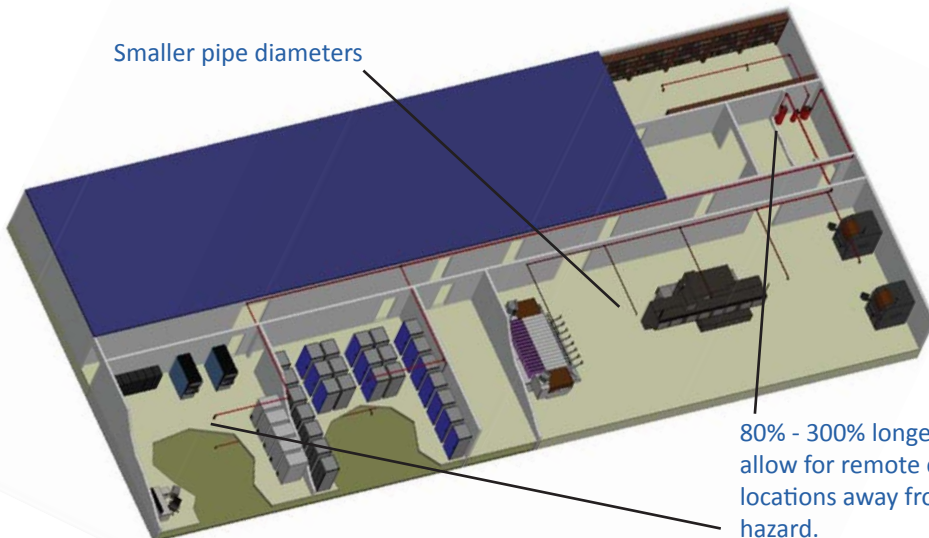
Note: All halon retrofit systems must be installed in accordance with approvals and listings including NFPA/ISO and local standards.

EFFICIENT AND FLEXIBLE PIPE NETWORKS

FEATURES:

The FORCE500 features longer pipe lengths between the cylinder and nozzle as well as longer distances between the first and last nozzle. This allows for complex nozzle layouts with smaller pipe sizes and longer pipe runs.

Smaller pipe diameters



80% - 300% longer pipe runs allow for remote cylinder locations away from protected hazard.