

AUTOMATIC CAF SC00601, 01001, 02001 AND 04002 SERIES



THE FIRST AUTOMATIC CAF, PRE-ENGINEERED FIRE SUPPRESSION SYSTEM THAT IS COMPLETELY SELF-CONTAINED!



ACAF Systems, Inc. model SC series is an automatic pre-engineered, self-contained, stored energy-type fire suppression system that uses CAF (Compressed Air Foam) as the fire suppression agent. Unique to the industry, it requires no water supply but rather creates a unique CAF: a non-toxic, biodegradable foam, from a pre-mixed foam water solution. Nitrogen is used under pressure to create the CAF as well as to power the system. Control of the system is maintained by a specially designed valve assembly that upon activation creates CAF. The result is an expanded foam material that consists of small uniform bubbles.

The SC series is available in four assemblies: 00601, 01001, 02001 and 04002. Each features a preassembled automatic CAF generator/control valve. ACAF Systems, Inc. model SC series is designed for use in automatic fixed spray, hose reel, and oscillating monitor CAF systems.

ACAF Systems, Inc. model SC is pre-assembled, so the cost of installation is reduced.

FEATURES

- A completely automatic control valve that creates CAF and controls the flow without any field adjustment required or available.
- Self-contained design requires no water supply or energy source to power the CAF generation.
- Assemblies are built in four sizes: ACAF SC00601, SC01001, SC02001 and SC04002. By combining multiple valve assemblies, large areas may be protected.
- Compressed nitrogen is the power that drives the system and creates the CAF. Nitrogen is provided by DOT certified compressed air cylinders. The number and size of the cylinders is calculated by ACAF Systems, Inc. based upon the system size.
- A foam/water solution is stored in a steel pressure tank that is sized by ACAF Systems, Inc. for the system design.
- ESF Extreme is the foam water and the only solution approved for use in an ACAF system. The foam is a special mix of AFFF foam concentrate and water that is environmentally responsible. Extreme Foam is a class B foam for hydrocarbon fuel fires.
- Actuation of the system may be manually, electrically or pneumatically, or a combination of electric/pneumatic. Each control valve assembly is built with an emergency release valve for manual release.
- Supervision of all aspects of the control valve is by the Potter PFC-4410RC. The main system solution control valve is provided with tamper switches as is the nitrogen supply control valve.

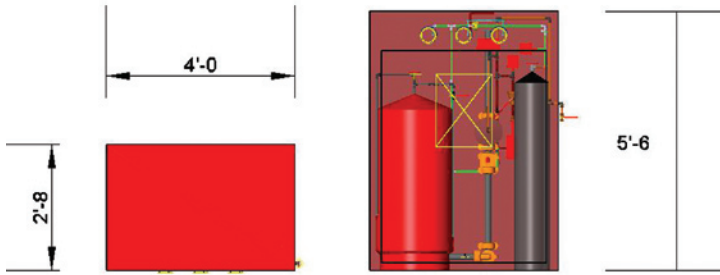
FM Approved. *Materials used in the construction of an ACAF system are of the finest quality to ensure years of trouble free, and reliable service.*



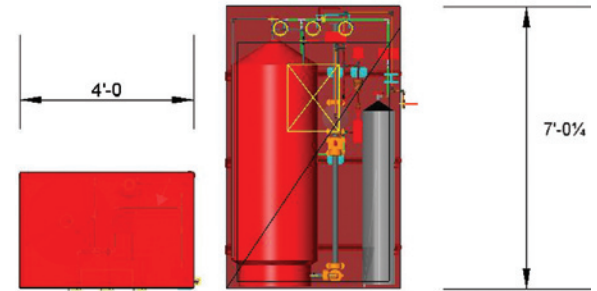
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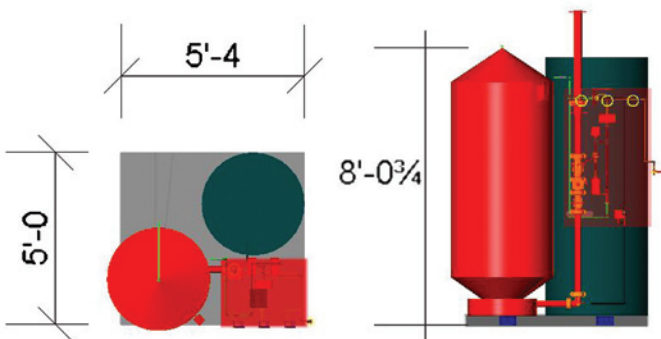
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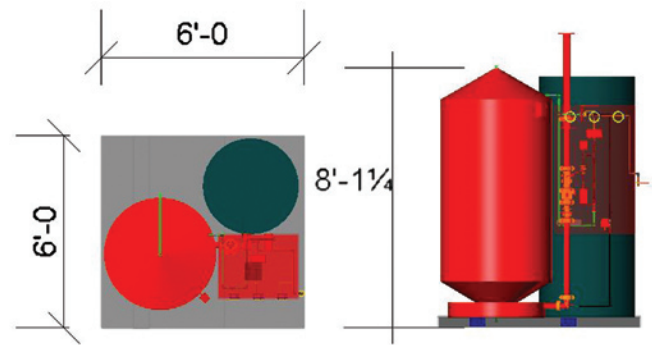
SC 00601 model



SC 01001 model



SC 02001 model



SC 04002 model

THE NEXT
GENERATION
OF FOAM FIRE
SUPPRESSION

