



Engineered for Extremes

Proven Across High Risk Industries



Why CAF?

Ultra Efficient

- Requires up to 75% less water and foam concentrate than conventional foam systems
- Delivers a concentrated blanket that holds to surfaces

Rapid Suppression, Reflash Protection

- High quality finished foam cools hot spots in seconds
- Cohesive blanket prevents re-ignition

Safe & Sustainable

- Fluorine-free, biodegradable foam concentrate
- Non-toxic foam—safe for people, equipment, and the planet

Modular & Reliable

- Scales seamlessly from a single generator to multi-unit arrays
- FM approved technology for high value assets

Automatic Fixed Pipe System Configurations

Tailored Fire Suppression for Any Facility

Self-contained Supply (SC)

SC systems maintain foam/water solution or water in pressure tanks. Ideal for remote sites with limited or no water supply.

Fixed Water Supply (FW)

Designed for applications with a reliable water source. FW systems mix foam concentrate and water at the time of use.

From land to sea, we deliver CAF solutions that work wherever fire risk lives.

ACAF® Generator Series

Scalable CAF Solutions for Every Application

At the core of every ACAF® system is our Mx-Series Compressed Air Foam Generator, engineered for powerful, reliable, and modular fire protection. The ACAF® Generator Series offers a full range of models tailored for diverse environments, from land-based facilities to the world's toughest offshore conditions.

Models: MxC, MxCD, MxD

Material Options: Available in 316L Stainless Steel for offshore and corrosive environments

Zone Coverage: Supports 1–4 independent zones

Nozzle Capacity: Compatible with 2–32 discharge points per generator

Certifications: FM Approved for hydrocarbon and polar solvent fire hazards. Complies with DNV-SE-0190

Flexible Integration: Modular design for scalable protection and simplified maintenance

System Activation: Actuation of the system may be electrical or pneumatic, or a combination of both. Each CAF generator assembly is built with an emergency release valve for manual release



ACAF® FM Approved Nozzles – Purpose-Built for Critical Hazards

DN-7 Nozzle	HDN-5 Nozzle	PSN-6 Nozzle
 Designed for pendant mounting in hydrocarbon hazard zones, the DN-7 provides wide-area foam distribution	 Configured for horizontal installation, the HDN-5 delivers a dense foam stream specifically for hydrocarbon risks	 Optimized for polar solvent hazards in pendant orientation, this nozzle is ideal for chemical storage, processing plants, and solvent-handling.

ACAF Systems



Power Transformers

ACAF has protected over 1,000 transformers with Fixed Spray CAF systems, quickly extinguishing fires using less water and foam.



Mining Industry

ACAF solutions proudly protect the world's largest dragline cranes, ensuring unmatched safety and reliability in demanding mining environments.



Petrochemical Industry

ACAF provides FM-approved solutions using AR-SFFF 6% foam concentrate to protect polar solvent applications, including solvent extraction plants and chemical storage through a variety of high-performance systems.



Oil Storage Tanks

ACAF provides tailored fire protection for cone roof and floating roof tanks, including full surface and rim seal coverage



Aircraft Hangars

Strategic aviation assets require elite protection—ACAF meets the need with proven, high-performance systems.



Truck Loading Racks

Large or small rack or gantries, ACAF has solutions for truck loading fire suppression risk with overhead deluge and or monitors.

Worldwide Distribution

ACAF® Systems are distributed worldwide through a network of highly experienced and factory trained distributors.

Our sales and technical staff are able to analyze your specific hazard and design a fire suppression system that suits your needs.



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