

# WHAT MAKES THE ACAF SYSTEMS, INC PRODUCT LINE SO INNOVATIVE?

## FEATURES

- Self-contained, stored energy (e.g. nitrogen)
- Not dependent on a fixed water supply
- Distributed through fixed pipes with nozzles and automatic detection system
- Pre-engineered and assembled
- Non toxic, environmentally safe and easy to clean after discharge
- Stores at temps as low as 40° F and as high as 110° F
- Low service requirements/cost after installation
- Can be recharged quickly
- Less expensive to design and install
- Flexible application for a wide variety of emergency situations.

*Fire tests have been observed by FM Global, and the multiparty certification process will be completed shortly.*

## CONTACT



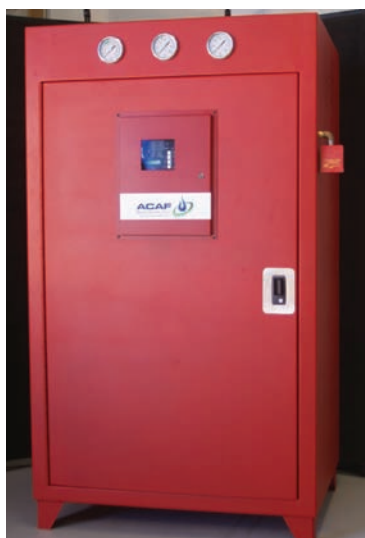
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# THE NEXT REVOLUTION IN SPECIAL HAZARDOUS FIRE SUPPRESSION

HIGHLY EFFICIENT, COST-EFFECTIVE AND SELF-CONTAINED COMPRESSED AIR FOAM (CAF) SYSTEMS DESIGNED BY THE TOP EXPERTS IN THE FIELD.



# THE NEXT GENERATION OF FOAM FIRE SUPPRESSION



The special hazard market for fire suppression systems grows larger every day. Until now, few if any options existed that effectively addressed multiple small-to-medium size fires while keeping costs affordable as well as minimizing the impact on people and the environment.

Fortunately, the patent-pending revolutionary product line from

ACAF Systems, Inc. is on the verge of changing the way numerous industries cope with the inevitable risk of fire, such as:

**OIL & GAS** Fuel facilities from off-shore platforms to refineries, pumping stations, storage tanks and receiving stations all possess potentially significant fire hazards, often complicated by the need to reach challenging locations in far flung and isolated areas.

**INDUSTRIAL/MANUFACTURING** The heavy machinery required to process and transport materials used in iron and steel production, for example, is subject to some of the most severe conditions in any industry. Temperatures reaching 2000°F introduce tremendous fire hazards to equipment and personnel. Most manufacturing processes also often involve the use of highly flammable materials.

**MARINE** Marine craft, whether pleasure, commercial or military present a significant hazard for fire and explosions. According to US Coast Guard statistics, fires and explosions account for the largest single cause of marine property damage. The presence of flammable liquids, such as engine fuels and fuels from galley stoves, within confined, poorly ventilated spaces creates ongoing risks. Marine construction materials add to the fire hazard. Fiberglass and wood are the two most popular construction materials used for pleasure craft and small commercial boats. Both of these materials are flammable, increasing the probability of complete destruction of the boat when a fire occurs.

**MINING** Underground or on the surface, this is a multi-faceted industry with significant fire protection challenges, using large, expensive, off-road vehicles and heavy processing equipment that often run around the clock in out-of-the-way and virtually inaccessible locations.

**AVIATION** Extreme environments call for extremely efficient fire suppression equipment to protect aerospace engines, fuel tanks, main landing gear, auxiliary power units, and much more. On-board and shore-based situations, as well as the typically common flammable, hazardous, and fire accelerating materials found in and around most aircraft, create an enormous potential for fire-related crises.

**"FILTRATION SPECIALTIES, INC. INSTALLED AN ACAF FIRE SUPPRESSION SYSTEM. WE NEEDED A SUPPRESSION SYSTEM THAT WOULD BE EFFECTIVE IN QUICKLY EXTINGUISHING A FIRE WITHOUT ANY AGENT EXPOSURE CONCERNS FOR OUR EMPLOYEES OR THE ENVIRONMENT. OUR ACAF SYSTEM PERFORMED AS EXPECTED ON THE TWO OCCASIONS WHEN WE HAVE HAD FLASH FIRES IN THE PAST 4 YEARS. THEIR EASE OF RECHARGING ALLOWED US TO THEN QUICKLY AND ECONOMICALLY HAVE THEM ON-LINE AGAIN WITHIN A MATTER OF MINUTES."**

*Michael Swink, President, Filtration Specialties, Inc., South Hill, VA*

**MILITARY** Whether on air, land or sea, no matter what the geography, the mission-crucial equipment and facilities create a multitude of potentially deadly fire hazard situations. A wide range of combustible materials and electrical fires demand immediate, versatile, affordable and self contained fire suppression systems that can be easily deployed anywhere in the world.

**ACAF SYSTEMS, INC.** is pleased to launch three new patent-pending products, complete with an innovative delivery system and foam agent:

- **Automatic Fixed Pipe Spray System**
- **Automatic Fire Hose Reel System**
- **Automatic Oscillating System Monitor**

*(Note: a full description of each new product is found within our data sheets.)*

## OUR MISSION

- Advance the R&D of CAF for fire suppression systems, with the goal of dramatically expanding its application, now and in the future.
- Insure the safe and effective installation and operation of our revolutionary fire suppression systems.
- Create a reliable system allowing our self-manufactured product line to be sold, installed, and serviced only by a rigorously selected, extensively trained, and specially licensed team of contractors.

*See our website at [www.acafsystems.net](http://www.acafsystems.net) for extensive company, product, and usage information, as well as downloadable product data sheets.*