

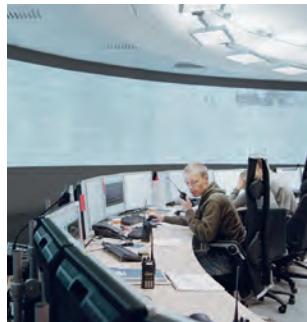
# Fire Suppression

Afrox FS125 –  
The fire suppression solution



# The fire suppression solution

The safe Underwriters Laboratories approved system, with efficient and flexible space saving design.



## Introduction

Fire is a constant threat to life, equipment and to your very business which is why Afrox has developed a strong reputation for providing engineering and technical solutions for the fire suppression industry. Fire suppression systems are accepted as an essential safety feature, particularly in facilities which operate high value equipment, run critical applications and execute key processes. Typically these essential systems occupy space that could better be used in the day-to-day running of a business.

That is why Afrox has introduced a more compact, efficient fire suppression system called Afrox FS125. Not only does Afrox FS125 use minimal space, it also provides maximum protection to people and assets and has zero ozone depleting potential (ODP). The Afrox FS125 system uses NAF S125, a patented Underwriters Laboratories approved formula.

On activation Afrox FS125 releases an electrically non-conductive agent which leaves no harmful residue. As a consequence there is none of the damage that is associated with water based systems. With Afrox FS125, fires can be extinguished cleanly and quickly, without causing additional damage, whilst minimising disruption to business.



# Benefits of the Afrox FS125 System

## Protecting your people Safeguarding your assets



Technically advanced, extremely efficient Afrox FS125 has a proven, technically advanced formula, with a patented additive, which significantly minimises the amount of by-products caused by a fire.

Afrox FS125 is at least 20% more efficient at extinguishing fires than comparable products. It requires less gas by weight and uses fewer cylinders. This makes the system simpler to manage, reduces maintenance costs and generates on-going cost savings over the lifetime of the installation.

### Safe for people, better for the environment

When a fire breaks out, people are usually evacuated from the affected facility. However, if this is not possible, Afrox FS125 ensures that the wellbeing of people remains the key priority – even in the worst situations.

This is because Afrox FS125 uses NAF S125 which is classified – by the International Standards Organisation (ISO) and NFPA, the National Fire Protection Association – as safe for use in occupied and unoccupied areas.

### Maximum design flexibility

Afrox FS125 benefits from the low boiling point of NAF S125, which at -48.5°C ensures rapid and homogenous distribution when suppressing a fire. It also allows the Afrox FS125 system to operate at extremely low temperatures. The patented formula in Afrox FS125 is listed by the Underwriters Laboratories (UL), after extensive testing, for its capacity to operate in a temperature range of -18°C to +54°C. In addition, each Afrox FS125 system is designed to meet even the most complex applications, and ensures that Afrox FS125 provides an effective, efficient fire suppression system.

### The ideal Halon replacement

Afrox FS125 is the ideal replacement for Halon 1301. There is a good chance that a drop-in solution can be found; maximising the use of the existing system and pipe network; causing the least disruption to your business, because of the similarity in terms of the gas volumes.

This combination with NAF S125 zero ODP makes Afrox FS125 the ideal environmentally friendly replacement for Halon.

### Technical expertise

Afrox has over 5 years experience in the Fire Suppression industry. We have developed a strong reputation for engineering and technical solutions that are both practical and efficient.

### Serving you locally

Afrox is renowned for its guaranteed quality and safety standards. Afrox leverages its local filling capabilities and stock availability to offer excellent delivery schedules – as part of its commitment to customer services. An excellent distribution network means Afrox can deliver in an emergency, even to remote locations.

### Internationally recognised

The use of Afrox FS125 is approved by the following organisations:

- Underwriters Laboratories – UL 2166 Standard for Halocarbon
- Clean Agent Extinguishing Systems Units
- NAF S125 is UL component recognised
- NAF S125 is approved by the United States Environmental Protection Agency (NPA) for use with Halon 1301 replacement in normally occupied areas

### Applications

Clean, space-saving and efficient, the non-ozone depleting Afrox FS125 system is ideal for such applications as :

- Computer rooms
- Control rooms
- Data storage archives
- Data storage centres
- Laboratories
- Marine/Shipping
- Mining
- Museums
- Petrochemical
- Transportation and Infrastructure



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