

## FirePro Manual Condensed Aerosol Units

Client:  
Swedish Fire &  
Rescue Service

Consultant:  
X-Fire Sweden

Project:  
Manual Units

Project By:



Type of  
Protection:  
First Response

Fire Protection:

**FP-200M**  
**FP-1000M**



Type of Protection:

Firefighting techniques are forever under review to improve effectiveness, efficiency, fire fighter safety, cost, and harm to the environment.

Technology continues to contribute to modern solutions for meeting these demands, thermal image cameras being a good example.

The **FirePro** Manual Generator Units "LifeSaver" is a first response firefighting tool designed for manual deployment into a fire by trained personnel.

The purpose of the Manual Generator Units "Lifesaver" is to reduce temperature, suppress fire, and ultimately buy time to allow planned commencement of actual firefighting, by trained personnel.



The Task:

To provide the fastest, most effective and most efficient fire suppression system to safeguard property, human lives and other equipment.

FirePro is a certified green product with no harmful gasses. FirePro works by changing the chemical composition of a fire.

In first response situations it will reduce temperature and buy time.

Effective in fighting fires in classes A B or C (as per EN classification)

We **identify** risks - We **design** solutions - We **prevent** disasters

## Risks Involved & Consequences:

As with most fires there will always be a variety of materials that may have combusted and dependent on the stage of the fire – the **FirePro** “LifeSaver” will reduce temperature and buy time – without producing any harmful effects to fire fighters occupants or the environment.

Furthermore, fire damage and the consequential undue and prolonged interruption to the functioning of equipment used in critical procedures had to be avoided.



“Skade Plats” – Fire Fighter Conference & Live Demonstrations – Karlstad Sweden 2013.

Steel shipping container demo – containing Heptane flaming fuel – temp reduced from 480 to 85 degrees C in 3 minutes – Fire extinguished – Deployed “LifeSaver” on the floor.

## Solutions:



**FP-200M**



**FP-1000M**

The **FirePro** Manual Units – are designed for first response firefighting - effective for suppression of fire.

## Results & Implementation:

4 Deployments in 6 months in 4 regions under trial.

Successful outcomes on all occasions resulting in saving 1 life and 3 properties.

Interested parties in Sweden now include private security / manned guarding Companies backed by Swedish Insurance agencies for use as first response on discovering a fire – to buy time prior to arrival of the Fire & Rescue Service.

## Advantages of **FirePro**:

- all FirePro “lifesaver” units are manufactured in robust stainless steel
- certified environment friendly “green” extinguishing solution
- no harmful residues or deposits
- does not produce harmful or toxic gases when in contact with a fire
- reduces temperature – helps prevent fire spread
- enhances fire fighter safety by fighting fire outside premises and not in
- leading certified aerosol product – represented in 70
- no pressurised gas cylinders
- no special transportation or disposal requirements
- used in Sweden’s nuclear power stations own firefighting teams
- may be used by non-professionals firefighting personnel subject to training
- full training by competent fire training team

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