

About FirePro

FirePro is committed to Researching and Developing environmentally friendly and sustainable solutions to fire protection challenges. Our pre-engineered systems are subjected to continuous, robust and rigorous testing. Always agile to any threat, our systems are trusted by industry leaders around the world.



Distribution Network

EUROPE

Albania
Austria
Belgium
Bulgaria
Croatia
Cyprus
Czech Republic
Denmark
Estonia
Finland
France
Georgia
Germany
Greece
Hungary
Iceland
Ireland
Italy
Latvia
Lithuania
Luxembourg
Malta
Netherlands
Norway
Poland
Portugal
Romania
Serbia
Slovakia

Spain

Sweden
Switzerland
Turkey
United Kingdom

AMERICAS

Argentina
Brazil
Canada
Chile
Colombia
Mexico
Peru
Uruguay
U.S.A.

GULF &

MIDDLE EAST

Bahrain
Iraq
Jordan
Kuwait
Lebanon
Oman
Saudi Arabia
Qatar
UAE

ASIA &

OCEANIA

Australia
Bangladesh
Hong Kong
India
Indonesia
Malaysia
Myanmar
New Zealand
Philippines
Singapore
South Korea
Sri Lanka
Taiwan
Thailand
Vietnam

AFRICA

Algeria
Botswana
Egypt
Ghana
Kenya
Morocco
Nigeria
South Africa
Sudan
Tanzania
Tunisia

VELEX
Vehicle
Fire
Suppression

LIMITATION OF LIABILITY

In no event, regardless of cause, FirePro Systems shall be liable for any indirect, special, incidental, punitive or consequential damages of any kind, whether arising under breach of contract, tort (including negligence), strict liability or otherwise, even if advised of the possibility of such damages.

FirePro.

Global Headquarters,
R&D and Production Facilities
Limassol, Cyprus EU

Find us on:
www.firepro.com



Reinventing
Fire Suppression



Non-pressurized Technology

The VELEX fire protection system employs two fire extinguishing agents. The primary agent, a liquid, is stored at atmospheric pressure in one of the two chambers of the system's cylinder, with the other remaining empty. A FirePro condensed aerosol generator containing the FPC aerosol forming solid compound, stored also at atmospheric pressure, is connected to the cylinder.

Upon detection of fire, the solid compound in the container, transforms into a highly effective fire extinguishing condensed aerosol, which fills the empty chamber of the cylinder. Pressure in the chamber rises only for a few seconds to enable the rodless piston present between the two chambers to discharge the liquid extinguishing agent. This is being dispersed inside the protected enclosure through a network of piping and nozzles into the protected area. When the liquid extinguishing agent is fully discharged, the FirePro condensed aerosol is itself released through the nozzles further augmenting the extinguishing process.



Environmentally Friendly

The liquid extinguishing agent used in VELEX is environmentally friendly and biodegradable. In addition, it is chemically stable, glycol free and has the right concentration of advanced corrosion inhibitors. The condensed aerosol is produced through the sublimation process of a patented solid forming compound developed with eco-friendly materials. It has zero Global Warming Potential (GWP) and zero Ozone Depletion Potential (ODP).



Dual Extinguishing Action



Lowest operating temperature
-30 °C



10 year lifetime



UNECE R107 Certification



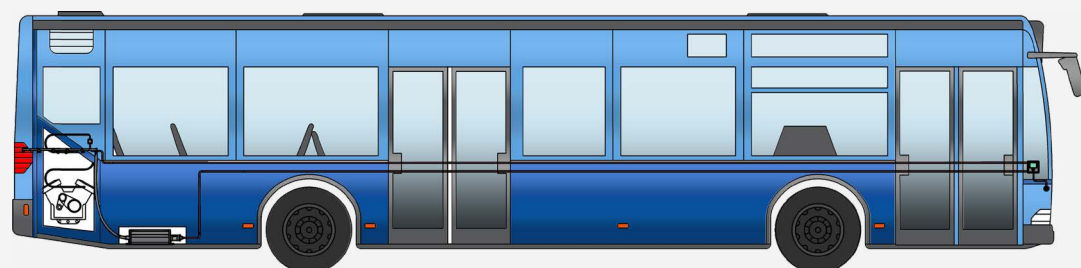
Manufactured under
ISO 9001:2015
ISO14001:2015



Minimum Maintenance

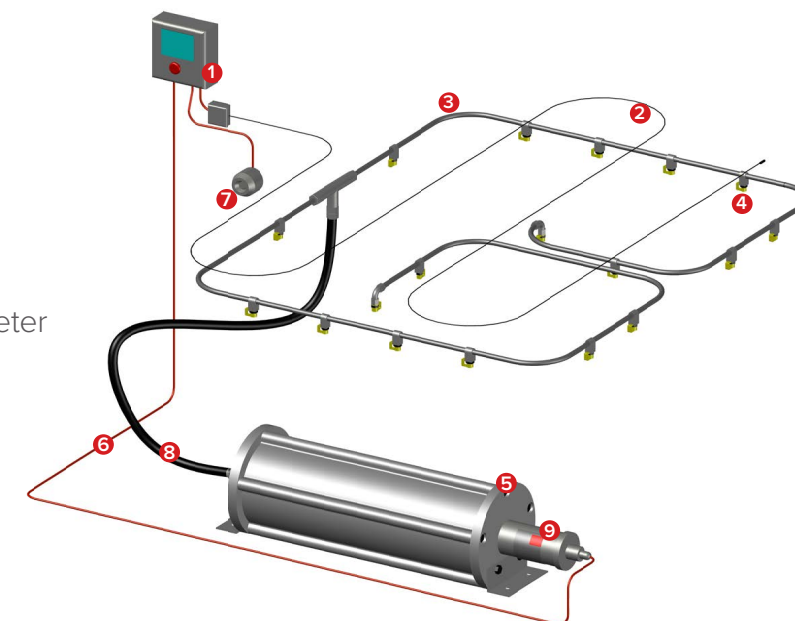


VELEX holds a type-approval by the Federal Motor Vehicle Transport Authority (KBA) in Germany (107R07/02*0070*00) for use as a fire suppression system for vehicles used for the carriage of more than 8 passengers. KBA contributes towards road safety in Europe and environmental protection across Germany and beyond.



FirePro.

1. Control panel
2. Linear Heat Detector (LHD)
3. Stainless steel pipes of 12mm diameter
4. Nozzles & protective caps
5. Extinguishing agent cylinder
6. Fire resistant cable
7. Sounder / Beacon (optional)
8. Flexible feeding line
9. Container of solid compound



Features & Benefits

- **Non pressurized** - Safe & Reliable with minimum maintenance requirements
- **Refillable** - Easy and cost effective to restore
- **10 years lifetime** - Low cost of ownership
- **Dual extinguishing action** - Innovative & effective
- **Lowest operating temperature -30 °C** - Work under extreme conditions
- **Soluble in water** - Non-toxic & easy to clean after discharge
- **Available in different sizes** - Adaptable to various equipment & applications
- **Pairable with different controllers** - Several monitoring & control options

Various Engine Types

- Buses / Coaches
- Fire Engine Trucks
- Service Trucks
- Emergency Vehicles
- Transport Vehicles
- Recreational Vehicles

R107
certified

There are hundreds of buses every year that encounter a fire related incident. Two-thirds of these incidents start in the engine bay and pose a serious danger to passengers.

FirePro VELEX is approved and is in accordance with the United Nations Economic Commission for Europe (UNECE) Regulation No. 107 (R107), after successfully passing tests defined by the specific protocol. The process includes rigorous testing through various fire risk scenarios.