

About FirePro

FirePro is committed to Researching and Developing environmentally friendly and sustainable solutions to fire protection challenges, guarding people and what is important to them. 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.

FirePro.

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Egypt

Ghana

Kenya

Morocco

Nigeria

South Africa

Sudan

Tanzania

Tunisia

VELEX

Heavy 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



Made in the
EU



Reinventing
Fire Suppression



Non-pressurized Technology

VELEX is a fire protection system employing two fire extinguishing agents. The primary agent is in liquid form and is stored in one of the two chambers of a cylinder. The other chamber contains air in atmospheric pressure and is separated by the liquid chamber with a rodless piston. A FirePro aerosol generator is mounted onto the cylinder. Inside the generator, lies the unique FPC solid aerosol forming compound also in atmospheric pressure.

Upon fire detection, the FirePro generator activates and transforms the FPC into a highly effective fire extinguishing aerosol which fills the empty chamber of the cylinder. For only a few seconds, the pressure in the chamber elevates and the piston pushes the liquid agent out of the cylinder through a network of piping and nozzles. When the liquid agent is fully discharged, the FirePro aerosol is also released through the nozzles further enhancing the performance of the system.



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 FirePro agent 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



Operating temperature as low as -30 °C



10 years lifetime



UNECE R107 Certification



Manufactured under ISO 9001:2015 ISO14001:2015



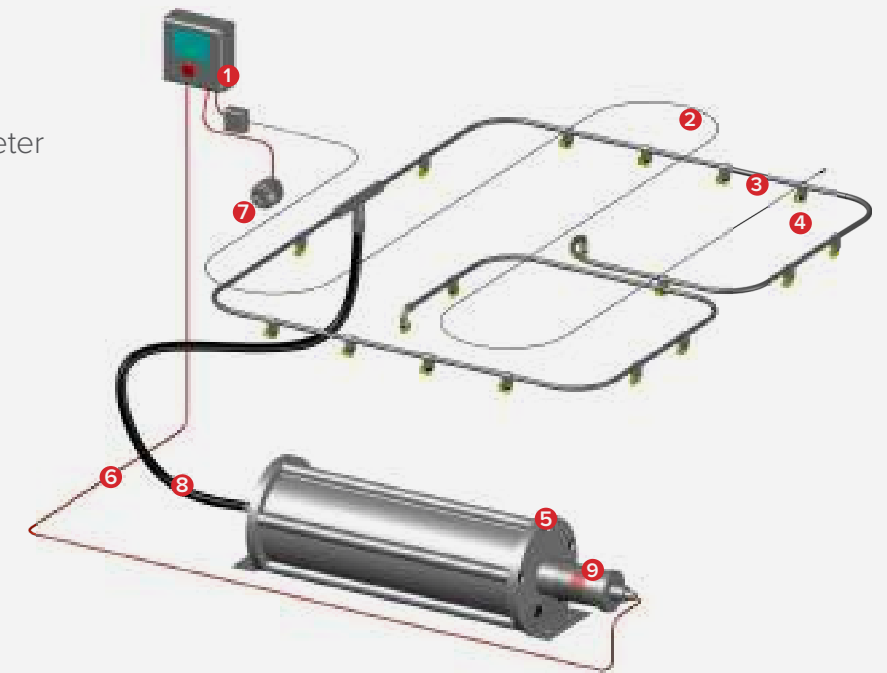
Minimum Maintenance

Extensive damages, loss of life, environmental impact, downtime and higher insurance premiums are common concerns. VELEX offers an effective and dependable solution. FirePro VELEX can be used as an integrated solution at the OEM production line as well as a retrofit installation.

FirePro.

VELEX

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 high-pressure metal pipe
9. Solid compound generator



Features & Benefits

- **Non pressurized** - Minimum maintenance requirements | Safe & reliable
- **Refillable** - Easy and cost effective to restore
- **10 years lifetime** - Low cost of ownership
- **Dual extinguishing action** - Innovative & effective
- **-30 °C** - Operate 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

Applications

Mining equipment | Construction equipment | Forestry equipment
Waste handling equipment | Material and cargo handling | Agricultural equipment

