



**FirePro.**

**Pro.**



Product  
Catalogue

**UL 2017**





## A Complete Solution Portfolio

FirePro deliver a broad range of fire suppression systems and solutions for a multitude of applications in all industries. FirePro's state of the art condensed aerosol fire extinguishing units are matched with certified monitoring panels, controllers, detection systems, alarms and all other related accessories. Moreover, technical brochures, manuals and software tools accompany each unit and system installation. In addition, we provide constant after-sales technical support and training where required.

### Focus on High Quality

FirePro products are certified and listed by Underwriters' Laboratories (UL) in the United States, as well as by the BSI and KIWA in Europe. Furthermore, they are manufactured under strict international quality and environmental management standards and requirements. All FirePro product lines are complemented by an equally advanced range of detection and control technologies.

### Environment Friendly Technology

FirePro units are manufactured with a certified product life of 15 years, they are friendly to the environment and eco-systems. They are non-toxic, have zero ozone-depletion potential and do not contribute to global warming.

### Cost Effective & Practical

FirePro systems are ideal for both conventional and non-conventional applications. Moreover, they can be applied in situations which are considered to be technically or financially challenging for other technologies.

### Support & Expertise

In the highly regulated market of fire suppression, we match our products with up to date information pertaining to fire engineering standards, applications and worldwide support. Our global distribution network is comprised of trained and certified professionals ready to design, supply, install and maintain the full range of FirePro products. FirePro and its partners currently protect key assets in more than 110 countries worldwide.

**FirePro and Partners are Reinventing Fire Suppression.**

# FirePro.

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# Section A



Fire Extinguishing  
Condensed Aerosol  
Generators For Fixed  
Installations

# FP-20





## ■ FP-20SE

**Product Code: 10135**

**Product Description: FirePro Fire Extinguishing Generator FP-20SE.**

Features:

- UL, KIWA, and BSI Approved
- This model discharges through two sets of outlets (top & bottom)

## ■ FP-20T

**Product Code: 10620**

**Product Description: FirePro Fire Extinguishing Generator FP-20T.**

Features:

- UL, KIWA, and BSI Approved
- This model discharges through one outlet only (bottom).

## ■ FP-20TH

**Product Code: 10649**

**Product Description: FirePro Fire Extinguishing Generator FP-20TH.**

Features:

- This model can be activated by a Bulb Thermal Actuator only and discharges through one outlet only (bottom).

## TECHNICAL INFORMATION

<b>Model</b>	FP-20SE / FP-20T / FP-20TH*
<b>Activation method</b>	Electrical (Minimum pulse voltage: 1.5 VDC, Minimum pulse current: 0.6 A, Minimum pulse duration: 0.5 s) *FP-20TH Thermal Activation Only
<b>Activator Type</b>	Heating Element with 2.3 ohm resistance
<b>Current intensity to be tested</b>	Maximum 5 mA
<b>Weight (gross)</b>	310 g (excluding bracket)
<b>Mass of FPC compound</b>	20 g
<b>Operational discharge time</b>	5 - 10 seconds
<b>Discharge length</b>	1 m
<b>Dimensions (Height : Diameter)</b>	170 mm : 32 mm (incl. connector housing)
<b>Fire Class</b>	A, B, C

Operating temperatures: -54°C to +54°C | Generators are provided complete with brackets

# FP-40



## ■ FP-40S

**Product Code: 10136**

Product Description: **FirePro Fire Extinguishing Generator FP-40S.**

Features:

- UL, KIWA, and BSI Approved
- This model discharges through two sets of outlets (top & bottom)

## ■ FP-40T

**Product Code: 10609**

Product Description: **FirePro Fire Extinguishing Generator FP-40T.**

Features:

- UL, KIWA, and BSI Approved
- This model discharges through one outlet only (bottom).

## TECHNICAL INFORMATION

<b>Model</b>	FP-40S / FP-40T
<b>Activation method</b>	Thermal Electrical (Minimum pulse voltage: 1.5 VDC, Minimum pulse current: 0.6 A, Minimum pulse duration: 0.5 s)
<b>Activator type</b>	Heating element with 2.3 ohm resistance
<b>Current intensity to be tested</b>	Maximum 5 mA
<b>Weight (gross)</b>	610 g (excluding bracket)
<b>Mass of FPC compound</b>	40 g
<b>Operational discharge time</b>	5 - 10 seconds
<b>Discharge length</b>	1 m
<b>Dimensions (Height : Diameter)</b>	145 mm : 51 mm (incl. connector housing)
<b>Fire class</b>	A, B, C

Operating temperatures: -54°C to +54°C | Generators are provided complete with brackets

# FP-80



## ■ FP-80S

**Product Code: 10138**

Product Description: **FirePro Fire Extinguishing Generator FP-80S.**

Features:

- UL, KIWA, and BSI Approved
- This model discharges through two sets of outlets (top & bottom)

## ■ FP-80T

**Product Code: 10617**

Product Description: **FirePro Fire Extinguishing Generator FP-80T.**

Features:

- UL, KIWA, and BSI Approved
- This model discharges through one outlet only (bottom).

## TECHNICAL INFORMATION

<b>Model</b>	FP-80S / FP-80T
<b>Activation method</b>	Thermal Electrical (Minimum pulse voltage: 1.5 VDC, Minimum pulse current: 0.6 A, Minimum pulse duration: 0.5 s)
<b>Activator type</b>	Heating element with 2.3 ohm resistance
<b>Current intensity to be tested</b>	Maximum 5 mA
<b>Weight (gross)</b>	870 g (excluding bracket)
<b>Mass of FPC compound</b>	80 g
<b>Operational discharge time</b>	5 - 10 seconds
<b>Discharge length</b>	2 m
<b>Dimensions (Height : Diameter)</b>	185 mm x 51 mm (incl. connector housing)
<b>Fire class</b>	A, B, C

Operating temperatures: -54°C to +54°C | Generators are provided complete with brackets

# FP-100S



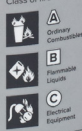
**FirePro.**

Aerosol Generating  
Fire Extinguishing  
System Unit

EN 2  
Class of fire



NFPA 10  
Class of fire



Made in the EU

To be installed, inspected and tested in accordance with the FirePro Aerosol Fire Extinguishing System Unit Installation, Maintenance and Repair Manual (EN 15187) and the NFPA 2010 and NFPA 2012 standards. The manual is available on the FirePro website (www.firepro.com) or by contacting your distributor. The manual was last updated on 16th June 2010.

This system is made of stainless steel and is suitable for use in wet or corrosive environments. It is designed to extinguish fires of Class A, B, C and F. The extinguisher must be used in accordance with the instructions and the manufacturer's recommendations. The extinguisher must be used in a well-ventilated area. The extinguisher must be used in a well-ventilated area. The extinguisher must be used in a well-ventilated area.

An authorized dealer or distributor must be contacted for any repairs or changes to the system. The extinguisher must be used in a well-ventilated area. The extinguisher must be used in a well-ventilated area. The extinguisher must be used in a well-ventilated area.

Manufactured by FirePro Systems Limited. An ISO 9001:2008 & 14001:2004 DNV registered company  
14 Almondsfield St, Tonin Court, 6th Floor, 3036 Limassol, PO Box 54088, 3720 Limassol, CY Europe  
Tel: +357 25 379999 www.firepro.com



## ■ FP-100S

**Product Code: 10140**

Product Description: **FirePro**  
**Fire Extinguishing Generator FP-100S.**

Features:

- UL, KIWA, and BSI Approved

## TECHNICAL INFORMATION

<b>Model</b>	FP-100S
<b>Activation method</b>	Thermal Electrical (Minimum pulse voltage: 1.5 VDC, Minimum pulse current: 0.6 A, Minimum pulse duration: 0.5 s)
<b>Activator type</b>	Heating element with 2.3 ohm resistance
<b>Current intensity to be tested</b>	Maximum 5 mA
<b>Weight (gross)</b>	1370 g (excluding bracket)
<b>Mass of FPC compound</b>	100 g
<b>Operational discharge time</b>	5 - 10 seconds
<b>Discharge length</b>	1 m
<b>Dimensions (Height : Diameter)</b>	155 mm : 84 mm (incl. connector housing)
<b>Fire class</b>	A, B, C

Operating temperatures: -54°C to +54°C | Generators are provided complete with brackets

# FP-200S



**FirePro.**

Aerosol Generating Fire Extinguishing System Unit

EN 2  
Class of fire

Class of fire

NFPA 10  
Class of fire

UL LISTED ULC 1021

Manufactured by FirePro Systems Limited. An ISO 9001:2008 & 140001:2004 DNV registered company.  
6 Romsey Court, 5th Floor, 6th Floor, 3036 Limesool, PO Box 54080, 3720 Limesool, CY Europe.  
Tel: +977 25 379999 www.firepro.com

To be installed in accordance with the instructions provided in the FirePro Approved Installation Manual. The FirePro Approved Installation Manual is available on the FirePro website at www.firepro.com. For more information, please contact your local FirePro representative or distributor. For more information, please contact your local FirePro representative or distributor. For more information, please contact your local FirePro representative or distributor.

This system is designed to extinguish fires in the following categories: Class A (Ordinary Combustibles), Class B (Flammable Liquids), Class C (Electrical Equipment), Class D (Metal Fires), Class E (Cooking Appliances), Class F (Frying Oils and Fats). The system is not intended for use on Class G (Lithium Batteries) fires.

The extinguisher must be used in accordance with the instructions provided in the FirePro Approved Installation Manual. The extinguisher must be used in accordance with the instructions provided in the FirePro Approved Installation Manual. The extinguisher must be used in accordance with the instructions provided in the FirePro Approved Installation Manual.

An authorized technician must be contacted after installation to ensure that the system is correctly installed and that the extinguisher is correctly calibrated.

Operating temperature range: 0°C to 50°C (32°F to 122°F).

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## ■ FP-200S

**Product Code: 10142**

Product Description: **FirePro**  
**Fire Extinguishing Generator FP-200S.**

Features:

- UL, KIWA, and BSI Approved

## TECHNICAL INFORMATION

<b>Model</b>	FP-200S
<b>Activation method</b>	Thermal Electrical (Minimum pulse voltage: 1.5 VDC, Minimum pulse current: 0.6 A, Minimum pulse duration: 0.5 s)
<b>Activator type</b>	Heating element with 2.3 ohm resistance
<b>Current intensity to be tested</b>	Maximum 5 mA
<b>Weight (gross)</b>	1840 g (excluding bracket)
<b>Mass of FPC compound</b>	200 g
<b>Operational discharge time</b>	5 - 10 seconds
<b>Discharge length</b>	2 m
<b>Dimensions (Height : Diameter)</b>	185 mm : 84 mm (incl. connector housing)
<b>Fire class</b>	A, B, C

Operating temperatures: -54°C to +54°C | Generators are provided complete with brackets

# FP-500S



## ■ FP-500S

**Product Code: 10145**

Product Description: **FirePro**  
**Fire Extinguishing Generator FP-500S.**

Features:

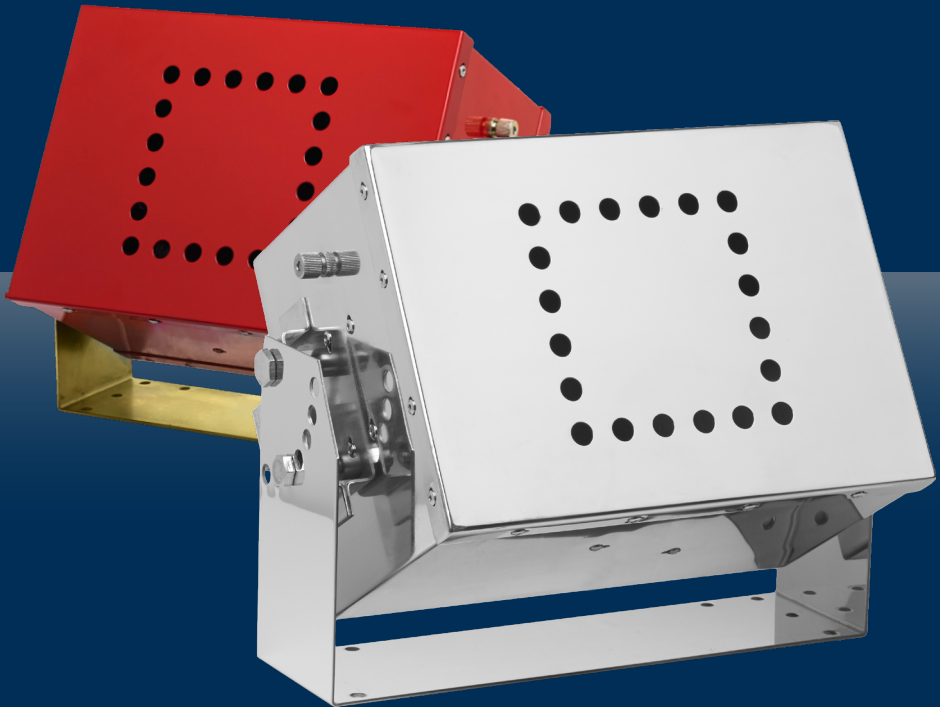
- UL, KIWA, and BSI Approved

## TECHNICAL INFORMATION

<b>Model</b>	FP-500S
<b>Activation method</b>	Thermal Electrical (Minimum pulse voltage: 1.5 VDC, Minimum pulse current: 0.6 A, Minimum pulse duration: 0.5 s)
<b>Activator type</b>	Heating element with 2.3 ohm resistance
<b>Current intensity to be tested</b>	Maximum 5 mA
<b>Weight (gross)</b>	3340 g (excluding bracket)
<b>Mass of FPC compound</b>	500 g
<b>Operational discharge time</b>	5 - 10 seconds
<b>Discharge length</b>	2 m
<b>Dimensions (Height : Diameter)</b>	295 mm : 84 mm (incl. connector housing)
<b>Fire class</b>	A, B, C

Operating temperatures: -54°C to +54°C | Generators are provided complete with brackets

# FP-1200



## ■ FP-1200

**Product Code: 10147**

Product Description: **FirePro Fire Extinguishing Generator FP-1200.**

Features:

- UL, KIWA, and BSI Approved
- Carbon-Steel casing Red-coated

## ■ FP-1200T

**Product Code: 10316**

Product Description: **FirePro Fire Extinguishing Generator FP-1200T.**

Features:

- UL, KIWA, and BSI Approved
- This model can be activated by a Bulb Thermal Activator.
- Carbon-Steel casing Red-coated

## ■ FP-1200S

**Product Code: 10395**

Product Description: **FirePro Fire Extinguishing Generator FP-1200S.**

Features:

- UL, KIWA, and BSI Approved
- Stainless steel casing

## ■ FP-1200TS

**Product Code: 10622**

Product Description: **FirePro Fire Extinguishing Generator FP-1200TS.**

Features:

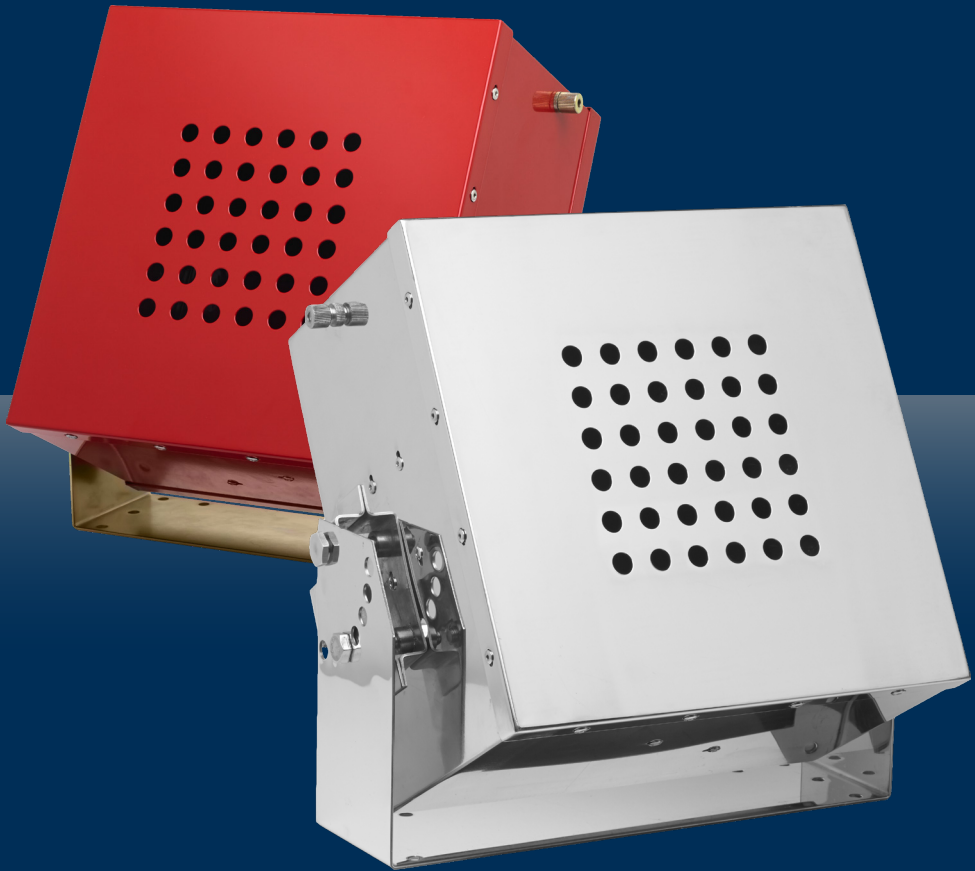
- UL, KIWA, and BSI Approved
- This model can be activated by a Bulb Thermal Activator
- Stainless steel casing

## TECHNICAL INFORMATION

<b>Model</b>	FP-1200 / FP-1200S / FP-1200T / FP-1200TS
<b>Activation method</b>	Thermal Electrical (Minimum pulse voltage: 1.5 VDC, Minimum pulse current: 0.6 A, Minimum pulse duration: 0.5 s)
<b>Activator type</b>	Heating element with 2.3 ohm resistance
<b>Current intensity to be tested</b>	Maximum 5 mA
<b>Weight (gross)</b>	10900 g (excluding bracket)
<b>Mass of FPC compound</b>	1200 g
<b>Operational discharge time</b>	10 - 15 seconds
<b>Discharge length</b>	3.5 m
<b>Dimensions</b>	216 mm x 300 mm x 167 mm
<b>Fire class</b>	A, B, C

Operating temperatures: -54°C to +54°C | Generators are provided complete with brackets

# FP-2000



## ■ FP-2000

**Product Code: 10149**

Product Description: **FirePro Fire Extinguishing Generator FP-2000.**

Features:

- UL, KIWA, and BSI Approved
- Carbon-Steel casing Red-coated

## ■ FP-2000T

**Product Code: 10317**

Product Description: **FirePro Fire Extinguishing Generator FP-2000T.**

Features:

- UL, KIWA, and BSI Approved
- This model can be activated by a Bulb Thermal Activator.
- Carbon-Steel casing Red-coated

## ■ FP-2000S

**Product Code: 10392**

Product Description: **FirePro Fire Extinguishing Generator FP-2000S.**

Features:

- UL, KIWA, and BSI Approved
- Stainless steel casing

## ■ FP-2000TS

**Product Code: 10623**

Product Description: **FirePro Fire Extinguishing Generator FP-2000TS.**

Features:

- UL, KIWA, and BSI Approved
- This model can be activated by a Bulb Thermal Activator
- Stainless steel casing

## TECHNICAL INFORMATION

<b>Model</b>	FP-2000 / FP-2000S / FP-2000T / FP-2000TS
<b>Activation method</b>	Thermal Electrical (Minimum pulse voltage: 1.5 VDC, Minimum pulse current: 0.6 A, Minimum pulse duration: 0.5 s)
<b>Activator type</b>	Heating element with 2.3 ohm resistance
<b>Current intensity to be tested</b>	Maximum 5 mA
<b>Weight (gross)</b>	15500 g (excluding bracket)
<b>Mass of FPC compound</b>	2000 g
<b>Operational discharge time</b>	10 - 15 seconds
<b>Discharge length</b>	3.5 m
<b>Dimensions</b>	300 mm x 300 mm x 185 mm
<b>Fire class</b>	A, B, C

Operating temperatures: -54°C to +54°C | Generators are provided complete with brackets

# FP-3000





## ■ FP-3000

**Product Code: 10150**

Product Description: **FirePro Fire Extinguishing Generator FP-3000.**

Features:

- UL, KIWA, and BSI Approved
- Carbon-Steel casing Red-coated

## ■ FP-3000T

**Product Code: 10318**

Product Description: **FirePro Fire Extinguishing Generator FP-3000T.**

Features:

- UL, KIWA, and BSI Approved
- This model can be activated by a Bulb Thermal Activator.
- Carbon-Steel casing Red-coated

## ■ FP-3000S

**Product Code: 10393**

Product Description: **FirePro Fire Extinguishing Generator FP-3000S.**

Features:

- UL, KIWA, and BSI Approved
- Stainless steel casing

## ■ FP-3000TS

**Product Code: 10624**

Product Description: **FirePro Fire Extinguishing Generator FP-3000TS.**

Features:

- UL, KIWA, and BSI Approved
- This model can be activated by a Bulb Thermal Activator
- Stainless steel casing

## TECHNICAL INFORMATION

<b>Model</b>	FP-3000 / FP-3000S / FP-3000T / FP-3000TS
<b>Activation method</b>	Thermal Electrical (Minimum pulse voltage: 1.5 VDC, Minimum pulse current: 0.6 A, Minimum pulse duration: 0.5 s)
<b>Activator type</b>	Heating element with 2.3 ohm resistance
<b>Current intensity to be tested</b>	Maximum 5 mA
<b>Weight (gross)</b>	16300 g (excluding bracket)
<b>Mass of FPC compound</b>	3000 g
<b>Operational discharge time</b>	15 - 20 seconds
<b>Discharge length</b>	3.5 m
<b>Dimensions</b>	300 mm x 300 mm x 185 mm
<b>Fire class</b>	A, B, C

Operating temperatures: -54°C to +54°C | Generators are provided complete with brackets

# FP-4200



## ■ FP-4200T

**Product Code: 10338**

Product Description: **FirePro Fire Extinguishing Generator FP-4200T.**

Features:

- UL, KIWA, and BSI Approved
- This model can be activated by a Bulb Thermal Activator.
- Carbon-Steel casing Red-coated

## ■ FP-4200TS

**Product Code: 10644**

Product Description: **FirePro Fire Extinguishing Generator FP-4200TS.**

Features:

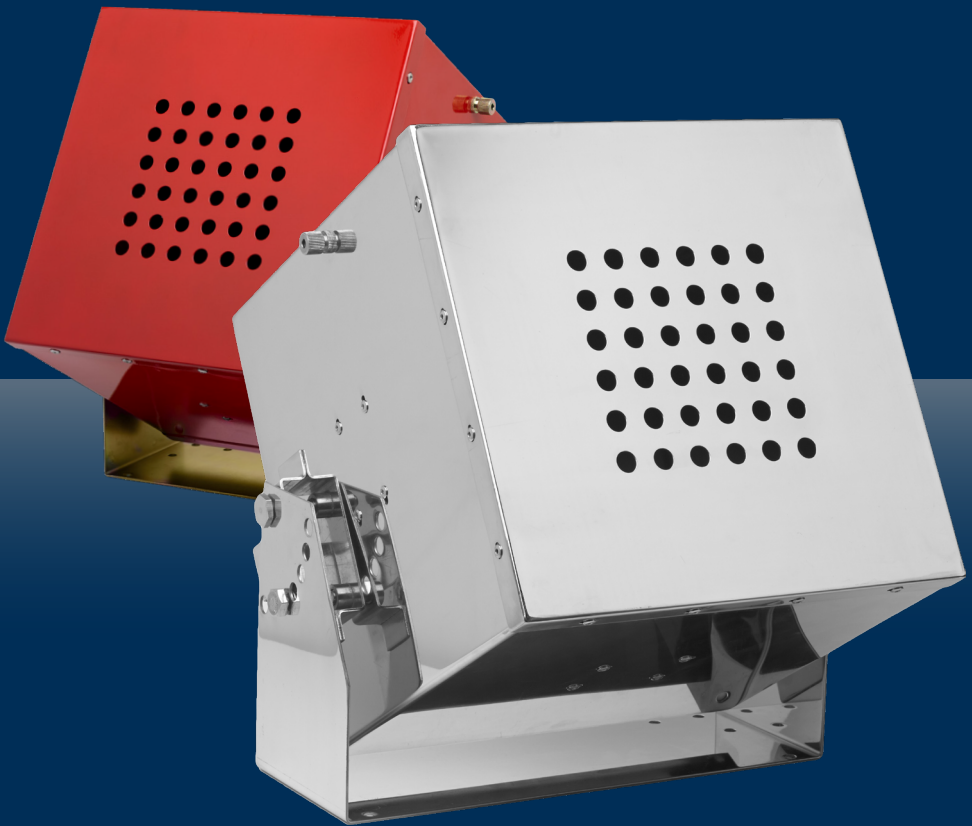
- UL, KIWA, and BSI Approved
- This model can be activated by a Bulb Thermal Activator.
- Stainless steel casing.

## TECHNICAL INFORMATION

<b>Model</b>	FP-4200T / FP-4200TS
<b>Activation method</b>	Thermal Electrical (Minimum pulse voltage: 1.5 VDC, Minimum pulse current: 0.6 A, Minimum pulse duration: 0.5 s)
<b>Activator type</b>	Heating element with 2.3 ohm resistance
<b>Current intensity to be tested</b>	Maximum 5 mA
<b>Weight (gross)</b>	25000 g (excluding bracket)
<b>Mass of FPC compound</b>	4200 g
<b>Operational discharge time</b>	15 - 20 seconds
<b>Discharge length</b>	5 m
<b>Dimensions</b>	300 mm x 300 mm x 300 mm
<b>Fire class</b>	A, B, C

Operating temperatures: -54°C to +54°C | Generators are provided complete with brackets

# FP-5700



## ■ FP-5700

**Product Code: 10151**

Product Description: **FirePro Fire Extinguishing Generator FP-5700.**

Features:

- UL, KIWA, and BSI Approved
- Carbon-Steel casing Red-coated

## ■ FP-5700T

**Product Code: 10319**

Product Description: **FirePro Fire Extinguishing Generator FP-5700T.**

Features:

- UL, KIWA, and BSI Approved
- This model can be activated by a Bulb Thermal Activator.
- Carbon-Steel casing Red-coated

## ■ FP-5700S

**Product Code: 10394**

Product Description: **FirePro Fire Extinguishing Generator FP-5700S.**

Features:

- UL, KIWA, and BSI Approved
- Stainless steel casing

## ■ FP-5700TS

**Product Code: 10625**

Product Description: **FirePro Fire Extinguishing Generator FP-5700TS.**

Features:

- UL, KIWA, and BSI Approved
- This model can be activated by a Bulb Thermal Activator.
- Stainless steel casing.

## TECHNICAL INFORMATION

<b>Model</b>	FP-5700 / FP-5700S / FP-5700T / FP-5700TS
<b>Activation method</b>	Thermal Electrical (Minimum pulse voltage: 1.5 VDC, Minimum pulse current: 0.6 A, Minimum pulse duration: 0.5 s)
<b>Activator type</b>	Heating element with 2.3 ohm resistance
<b>Current intensity to be tested</b>	Maximum 5 mA
<b>Weight (gross)</b>	26400 g (excluding bracket)
<b>Mass of FPC compound</b>	5700 g
<b>Operational discharge time</b>	15 - 20 seconds
<b>Discharge length</b>	8.4 m
<b>Dimensions</b>	300 mm x 300 mm x 300 mm
<b>Fire class</b>	A, B, C

Operating temperatures: -54°C to +54°C | Generators are provided complete with brackets

## Condensed Aerosol Generators – Quick Reference List

FP Generator Model	BTA activation	Electrical activation	Manual activation (by pulling a pin on the unit)	Outlets	Article No.
<b>Cylindrical</b>					
FP-20 SE	NO	YES	NO	2	10135
FP-20 T	NO	YES	NO	1	10620
FP-20 TH	YES	NO	NO	1	10649
FP-40 S	NO	YES	NO	2	10136
FP-40 T	YES	YES	NO	1	10609
FP-80 S	NO	YES	NO	2	10138
FP-80 T	YES	YES	NO	1	10617
FP-100 S	YES	YES	NO	1	10140
FP-200 S	YES	YES	NO	1	10142
FP-500 S	YES	YES	NO	1	10145
<b>Box-type Red Coated Carbon Steel</b>					
FP-1200	NO	YES	NO	1	10147
FP-1200 T	YES	YES	NO	1	10316
FP-2000	NO	YES	NO	1	10149
FP-2000 T	YES	YES	NO	1	10317
FP-3000	NO	YES	NO	1	10150
FP-3000 T	YES	YES	NO	1	10318
FP-4200 T	YES	YES	NO	1	10338
FP-5700	NO	YES	NO	1	10151
FP-5700 T	YES	YES	NO	1	10319
<b>Box-type Stainless Steel</b>					
FP-1200 S	NO	YES	NO	1	10395
FP-1200 TS	YES	YES	NO	1	10622
FP-2000 S	NO	YES	NO	1	10392
FP-2000 TS	YES	YES	NO	1	10623
FP-3000 S	NO	YES	NO	1	10393
FP-3000 TS	YES	YES	NO	1	10624
FP-4200 TS	YES	YES	NO	1	10644
FP-5700 S	NO	YES	NO	1	10394
FP-5700 TS	YES	YES	NO	1	10625
<b>FirePro Hero</b>					
FP-200M	NO	NO	YES	1	10143
FP-500M	NO	NO	YES	1	10347
FP-1000M	NO	NO	YES	2	10146



# Section B



Fire Extinguishing  
Condensed Aerosol  
Manual Generators

# FP-200M





## ■ FP-200M

**Product Code: 10143**

Product Description:

**FirePro Fire Extinguishing  
Manual Generator FP-200M**

Features:

Manually Activated Generator

## TECHNICAL INFORMATION

<b>Model</b>	FP-200M
<b>Type</b>	Cold
<b>Activation method</b>	Manual, by removing activation pin
<b>Activator type</b>	Thermal Activator
<b>Current intensity to be tested</b>	N/A
<b>Weight (gross)</b>	1620 g
<b>Mass of FPC compound</b>	200 g
<b>Operational discharge time</b>	10 - 15 seconds
<b>Discharge outlets</b>	1
<b>Discharge length</b>	2 m
<b>Dimensions (Height : Diameter)</b>	150 mm : 84 mm
<b>Fire class</b>	A, B, C

# FP-500M



**FirePro.  
HERO**

Condensed Aerosol  
Fire Extinguishing  
Manual Unit

**WARNING: THE UNIT ACTIVATES & RECOMMENDED  
TO BE USED ONLY BY PROFESSIONALS.**

**Directions:**

1. **Observe** and establish a safe rolling path.
2. **Grip the unit** with your dominant hand.
3. **Remove the safety pin** with a secondary hand.
4. **Roll into the target area** from a safe distance.

**Notices:**

- a. In evaluating the fire hazard try to determine the fire class.
- b. Estimate the volume of the area on fire and the number of units.

For more information please refer to the FirePro HERO User Manual.

Manufactured by FirePro Systems Limited. An ISO 9001:2008 & ISO 14001:2004 registered company.  
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Tel: +357 25 379999 [www.firepro.com](http://www.firepro.com)



## ■ FP-500M

**Product Code: 10347**

Product Description:

**FirePro Fire Extinguishing  
Manual Generator FP-500M**

Features:

Manually Activated Generator

## TECHNICAL INFORMATION

<b>Model</b>	FP-500M
<b>Type</b>	Cold
<b>Activation method</b>	Manual, by removing activation pin
<b>Activator type</b>	Thermal Activator
<b>Current intensity to be tested</b>	N/A
<b>Weight (gross)</b>	1910 g
<b>Mass of FPC compound</b>	500 g
<b>Operational discharge time</b>	10 - 15 seconds
<b>Discharge outlets</b>	1
<b>Discharge length</b>	2 m
<b>Dimensions (Height : Diameter)</b>	150 mm : 84 mm
<b>Fire class</b>	A, B, C

# FP-1000M



## ■ FP-1000M

**Product Code: 10146**

Product Description:

**FirePro Fire Extinguishing  
Manual Generator FP-1000M**

Features:

Manually Activated Generator

## TECHNICAL INFORMATION

<b>Model</b>	FP-1000M
<b>Type</b>	Hot
<b>Activation method</b>	Manual, by removing activation pin
<b>Activator type</b>	Thermal Activator
<b>Current intensity to be tested</b>	N/A
<b>Weight (gross)</b>	2240 g
<b>Mass of FPC compound</b>	1000 g
<b>Operational discharge time</b>	20 - 25 seconds
<b>Discharge outlets</b>	2
<b>Discharge length</b>	3 m
<b>Dimensions (Height : Diameter)</b>	200 mm : 84 mm
<b>Fire class</b>	A, B, C



# Section C



Fire Extinguishing  
Control Panels

# FirePro-Kentec Sigma A-XT Extinguishant Control Panel

Product Code: 10279

Product Description: FirePro-  
Kentec Sigma A-XT Extinguishant  
Control Panel 230V (K1810-13)



## FEATURES

- UL864 and FM listed
- Single area extinguishant panel
- 3 detection zones
- 1 extinguishant output

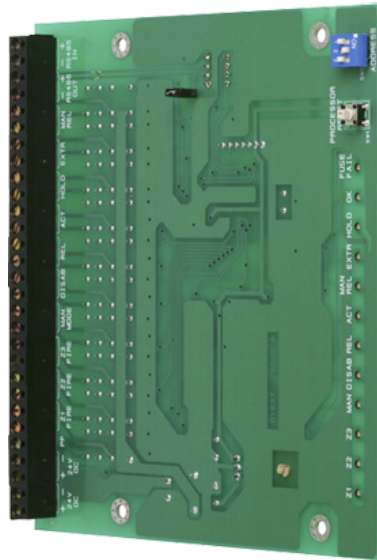
## PRODUCT OVERVIEW

Designed and manufactured to the highest standards in a quality controlled environment and with UL and FM approvals, the Sigma A-XT releasing panel offers outstanding value and performance for all small to medium fixed firefighting installations.



# Sigma A-XT Ancillary Board

**Product Code: 10636**  
**Product Description: Sigma A-XT  
Ancillary Board (K1822)**



## FEATURES

- UL864 and FM listed
- Two wire serial connection
- Up to 7 per system

## PRODUCT OVERVIEW

The Sigma A-XT Ancillary Board is compatible with all Sigma A-XT control panels. It provides volt free normally open contacts allowing control of sub-systems and plant remotely from the main panel over a two wire data bus.

# Elite RS

## Analogue Addressable Fire Control Panel - Hochiki Protocol



**Product Code: 10663**

**Product Description: Elite RS Analogue Addressable Fire Control Panel, 1-Loop (VF0810-10)**



**Product Code: 10664**

**Product Description: Elite RS Analogue Addressable Fire Control Panel, 2-Loop (VF0820-10)**



## FEATURES

- UL / FM Approved
- Large graphic display
- Powerful, network wide cause and effects (500 total)
- Stores 1000 last events in history log
- Can be networked with RS / Elite panels

## PRODUCT OVERVIEW

Elite RS is a versatile range of open protocol fire alarm control panels. Available with one or two detection loops for a total of 250 primary points or 400 points using subpoints. Elite RS uses leading edge microprocessor based electronics to provide a flexible control system with high reliability and integrity. Suitable for all small to medium sized fire detection systems, Elite RS control panels can be expanded and networked to become part of much larger systems if the need arises, therefore providing a future proof solution for any installation.



# Kentec Sigma A-CP Fire Alarm Control Panel

**Product Code: 10661**  
Product Description: **Kentec  
Sigma A-CP Fire Alarm Control  
Panel, 4 Zone (K1844-11)**

**Product Code: 10662**  
Product Description: **Kentec  
Sigma A-CP Fire Alarm Control  
Panel, 8 Zone (K1848-11)**



## FEATURES

- UL864 Approved
- 2-wire and standard versions in 2, 4 or 8 Zones
- 2-wire repeaters and ancillary boards
- Fully programmable using simple menu options

## PRODUCT OVERVIEW

The Sigma A-CP range of conventional Fire Control Panels with optional built-in communicator are available with 2, 4 or 8 initiating circuits which may be extensively configured via a simple front panel operated programming method.



# Section D



Fire Extinguishant  
Controllers,  
Sequential Activators,  
Bulb Thermal  
Actuators

# FPC-2

## Fire Protection Controller

Product Code: 10162  
Product Description: FPC-2  
Extinguishant Controller



## FEATURES

- 1 detection zone, supervised
- Fire and Fault alarm relays
- Up to 4 FirePro Generators, supervised
- Internal Buzzer
- 'Power On', 'Fire' and 'Fault' indicator

## PRODUCT OVERVIEW

The Releasing Device FPC-2 enables monitoring, detection and automatic extinguishing of a fire in an electrical cabinet using a linear heat detection cable or automatic smoke detectors and four condensed aerosol fire extinguishing units.

# FirePro-Kentec Sequential Activator

■ **Product Code: 10173**

Product Description: **FirePro-Kentec  
Sequential Activator - Standard Box  
(FP-SA/GEN3.0)**

■ **Product Code: 10486**

Product Description: **FirePro-Kentec  
Sequential Activator - Larger Box  
(FP-SA/GEN3.0M8)**



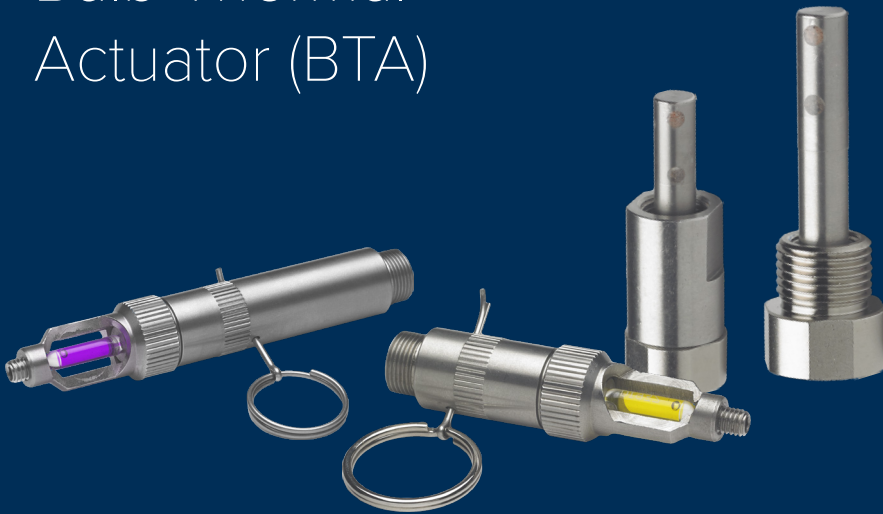
## FEATURES

- UL Compatibility Test Approval
- Up to 2 FirePro Generator units, supervised
- Extinguishing Panel, Releasing Line supervision
- LED 'Fault' indicator

## PRODUCT OVERVIEW

Provides connection from the Sigma A-XT Panel to the Aerosol Generators using four-conductor cabling. A maximum of 20 FirePro Sequential Activators can be connected to each extinguishing line.

# Bulb Thermal Actuator (BTA)



## FEATURES

- According to BSEN12259, UL199, LPCB 291a/02
- Temperature rating 57°C, 68°C, 79°C, 93°C, 141°C, 182°C

## PRODUCT OVERVIEW

The activation of the FirePro condensed aerosol unit is achieved thermally by the use of the Bulb Thermal Actuator (BTA).

There are two models of the BTA: the short type used by the cylindrical types of Condensed Aerosol Fire Extinguishing units, and the long type used by the box type Condensed Aerosol Fire Extinguishing units.



## Short BTA

For Generators 20TH / 40T /  
80T / 100S / 200S / 500S

■ 57°C

**Product Code: 10549**

Product Description: **Bulb Thermal Actuator Short for cylindrical-type Generators at 57°C**

■ 68°C

**Product Code: 10550**

Product Description: **Bulb Thermal Actuator Short for cylindrical-type Generators at 68°C**

■ 79°C

**Product Code: 10551**

Product Description: **Bulb Thermal Actuator Short for cylindrical-type Generators at 79°C**

■ 93°C

**Product Code: 10552**

Product Description: **Bulb Thermal Actuator Short for cylindrical-type Generators at 93°C**

■ 141°C

**Product Code: 10553**

Product Description: **Bulb Thermal Actuator Short for cylindrical-type Generators at 141°C**

■ 182°C

**Product Code: 10554**

Product Description: **Bulb Thermal Actuator Short for cylindrical-type Generators at 182°C**

## Long BTA

For Generators FP-1200T / 2000T /  
3000T / 4200T / 5700T / 1200TS /  
2000TS / 3000TS / 4200TS / 5700TS

■ 57°C

**Product Code: 10599**

Product Description: **Bulb Thermal Actuator Long for box-type Generators at 57°C**

■ 68°C

**Product Code: 10600**

Product Description: **Bulb Thermal Actuator Long for box-type Generators at 68°C**

■ 79°C

**Product Code: 10601**

Product Description: **Bulb Thermal Actuator Long for box-type Generators at 79°C**

■ 93°C

**Product Code: 10602**

Product Description: **Bulb Thermal Actuator Long for box-type Generators at 93°C**

■ 141°C

**Product Code: 10603**

Product Description: **Bulb Thermal Actuator Long for box-type Generators at 141°C**

■ 182°C

**Product Code: 10604**

Product Description: **Bulb Thermal Actuator Long for box-type Generators at 182°C**



# Section E



Cables &  
Accessories

# Fire Resistant Cables

■ Cable 2x1 mm

**Product Code: 10247**

Product Description: **Fire Resistant  
Cable 2x1 mm**

■ Cable 4x1 mm

**Product Code: 10248**

Product Description: **Fire Resistant  
Cable 4x1 mm**



## FEATURES

- LPCB (568a/01) Approved
- Conductors: Solid (Class 1). Copper conductor to BS EN 60228
- Outer Sheath: LSZH Sheath type LTS3, Max HCL emission @ 800C
- Core identification: Following BS 7629: 1997, 2 cores + drain wire

## PRODUCT OVERVIEW

These special multi-core cables are used for fire resistance and circuit integrity and essentially to prevent life from smoke and noxious fumes and where sensitive equipment may be damaged by acid forming gases.

# Magnet with Threaded Stem

**Product Code: 10640**

**Product Description: Mounting Magnet for cylindrical-type Generators (GNT-25)**



## FEATURES

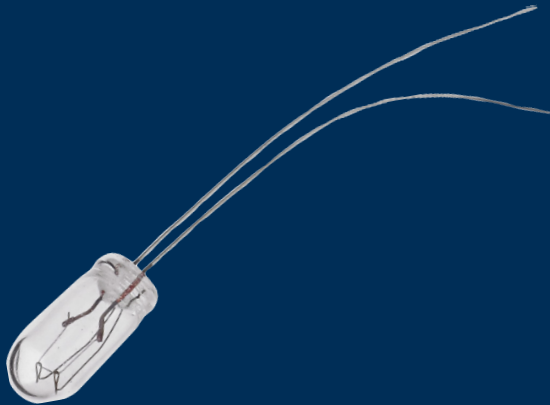
- Material: NdFeB
- Coating: Nickel-plated
- Steel: Q235
- Magnetisation: N42

## PRODUCT OVERVIEW

Magnets can substitute the screws necessary for installing / fixing the cylindrical FirePro Fire Extinguishing Condensed Aerosol units. The magnets can be used for the mounting of all cylindrical FirePro Generators.

# Simulation Lamp

■  
**Product Code: 10332**  
Product Description:  
**Simulation Lamp**  
**(B3441 / 24V, MES 1.2W)**



## FEATURES

- FirePro Generator simulation lamp

## PRODUCT OVERVIEW

Simulates the characteristics of the Condensed Aerosol Generator unit. Suitable for system commissioning and system maintenance.

# 7Ah 12V Battery

**Product Code: 10199**  
**Product Description:**  
**7Ah 12V Sealed Lead Acid Battery**



## FEATURES

- UL Approved (BAZR2.MH12970)
- Classification: "SAL"
- Nominal Voltage: 12.0 Volts
- Typical Capacity: 7Ah

## PRODUCT OVERVIEW

The sealed lead acid batteries provide standby power to the fire alarm and extinguishant control panels in the event of mains failure.





# Section F



Detection,  
Warning Devices,  
Manual Call Points &  
Power Supply Units

# Manual Extinguishant Disablement Switch



**Product Code: 10515**

**Product Description: Manual Extinguishant Disablement Switch (K1832-10)**



## FEATURES

- UL (UOXX.S24832) Approved

## PRODUCT OVERVIEW

The Manual Extinguishant Disablement Switch has been designed to support UL 2775 and can be interfaced with the Sigma Series extinguishant panels.

# Abort Switch Surface Mount

■  
**Product Code: 10423**  
Product Description:  
**Abort Switch Surface Mount  
(K1823-10)**



## FEATURES

- UL (UOXX.S24832) Approved
- Red hold SW

## PRODUCT OVERVIEW

The abort switch can be interfaced with the Sigma Series extinguishant panels.

# Conventional 6-inch Base for Detector

■  
**Product Code: 10637**

Product Description:

**Conventional 6-inch Base for Detector (VF2051-00)**



## FEATURES

- UL (UROX.S6661) Approved
- Contains a security locking tab for tamper protection
- Alarm Current: 93mA (136mA @ 33V max.)
- SLC Loop Idle Current: 110  $\mu$ A
- Compatibility Identifier: HB-3

## PRODUCT OVERVIEW

The VF2051 Series is designed specifically for use with VES Conventional Models VF2032 Photoelectric Smoke Detector, VF2020 Fixed Temperature / Rate-of-Rise Heat Detector. The Base is an electronics-free 6" base featuring a plastic tamper-lock lug. Each base is equipped with a resistor.

# Conventional Heat Detector

**Product Code: 10639**  
Product Description:  
**Conventional Heat Detector  
(VF2020-00)**



## FEATURES

- FM & UL (UQGS.S6660) Approved
- Choice of fixed temperature / rate-of-rise 135°C
- Low standby current, 35µA nominal
- Two built-in power / alarm LEDs for 360° viewing
- Power / alarm LEDs confirm detector status

## PRODUCT OVERVIEW

The VF2020 fixed temperature / rate-of-rise heat detectors are suited to detect the presence of slow or fast rising temperatures to burning combustibles. They are also suited for installation where high heat output fires are expected or in areas where ambient conditions would not allow use of other detection methods.

# Conventional Photo Electric Smoke Detector

**Product Code: 10638**  
Product Description:  
**Conventional Photo Electric  
Smoke Detector  
(VF2032-00)**



## FEATURES

- FM & UL (UROX.S6661) Approved
- Low Profile - 1.8" height
- Highly stable operation, RF / Transient protection
- Low standby current, 45 $\mu$ A at 24VDC
- Two built-in power / alarm LEDs

## PRODUCT OVERVIEW

The VF2032 photoelectric smoke detector utilizes two bi-colored LEDs for indication of status. In a normal standby condition the LEDs flash green every 3 seconds. When the detector senses smoke and goes into alarm the status LEDs will turn red.

# Horn Strobe

**Product Code: 10446**

Product Description:

**Horn Strobe (GEC24-15/75WR)**



## FEATURES

- UL (UVAV.S3834) Approved
- Synchronize strobe and/or horn with Gentex AVSM Control Module
- Switch selection for high or low dBA
- Switch for chime, whoop, mechanical and 2400Hz tone
- Surface mount with the GSB (Gentex Surface Mount Box)

## PRODUCT OVERVIEW

The Gentex GEC24-15/75WR Low-frequency Horn Strobe (red) offers dependable audible and visual alarms, a low current draw, and a minimum flash rate of 1 Hz regardless of input voltage.

# Fire Alarm Bell



**Product Code: 10424**  
**Product Description:**  
**Fire Alarm Bell (GB6-24)**



## FEATURES

- UL (ULSZ.S3406) Approved
- Meets UL464 requirements
- High dbA output
- Electrical box UL listed for outdoor use (GBBB optional accessory)
- Available in red metal finish

## PRODUCT OVERVIEW

The GB Series provide the durable and dependable operation required for life safety alarm systems. The GB Series is available in 6" housing and listed for indoor and outdoor applications. Bells must be used with the GBBB box for outdoor use.



# Gas Release Sign



**Product Code: 10227**

Product Description:

**Gas Release Sign (FL-24)**



**Product Code: 10226**

Product Description:

**Gas Release Sign -  
Waterproof (FL-65)**



## FEATURES

- Operating voltage: 12-24V DC
- Current consumption: 70mA
- Material of construction: PC/ABS
- FL-65 IP rate: IP42

## PRODUCT OVERVIEW

Alarm light of an operating voltage of 12-24V DC for connection to extinguishing panel. It is equipped with 4 LEDs as a light source and provides a high light performance with especially low consumption. The packaging also includes a 'STOP GAS' sticker. A weatherproof version is also available with a protection rate of IP42. The product is compliant to the European Standard EN54.

# Linear Heat Detection Cable

**Product Code: 10244**

Product Description: **Linear Heat Detection Cable TH68°C (TH68N)**

**Product Code: 10245**

Product Description: **Linear Heat Detection Cable TH88°C (TH88N)**

**Product Code: 10246**

Product Description: **Linear Heat Detection Cable TH105°C (TH105N)**



## FEATURES

- FM, UL & ATEX Approved
- Low cost and fast response
- Not affected by RFI or EMC
- Not restricted by local ambient temperatures
- Section replacement of sensor cable after alarm

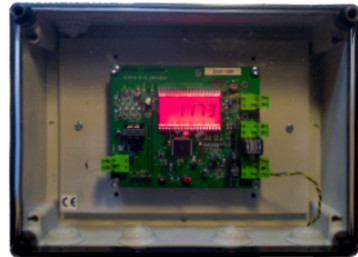
## PRODUCT OVERVIEW

Linear Heat Detection Cables are manufactured as two twisted and tensioned tin-plated copper-coated steel conductors. Around each conductor is extruded temperature sensitive material which softens at its pre-determined temperature, and the conductors come together to produce the required alarm signal.

Sensor cables are suitable for use within dirty, dusty, damp environments, areas of limited access and surveillance. As a combined cable and detector, the sensor cable can be installed close to the risk or at ceiling or roof height.

# Linear Heat Detector Interface Unit

**Product Code: 10665**  
Product Description: **Linear Heat  
Detector Interface Unit ZI-01 1 Channel**



**Product Code: 10650**  
Product Description: **Linear Heat  
Detector Interface Unit ZI-02 2  
Channel**



**Product Code: 10666**  
Product Description: **Linear Heat  
Detector Interface Unit ZI-07 Host Unit**

## FEATURES

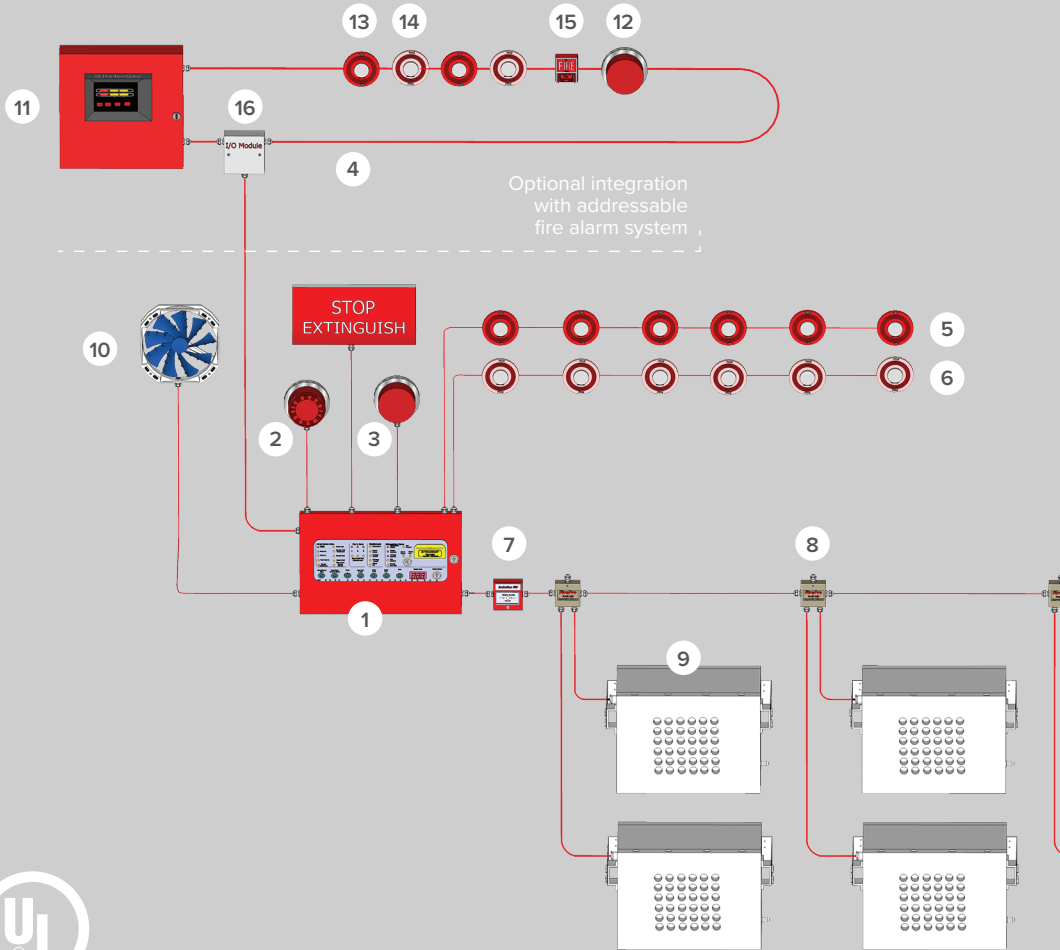
- FM, UL & ATEX Approved
- Color-coded LCD Display
- Solid state volt-free contacts for Alarm & Fault signalling
- Connection to 2000m / 6500ft Proline TH Sensor Cable
- MTBF of more than 5,000,000 hours

## PRODUCT OVERVIEW

With almost all Industrial alarm conditions able to be detected as an overheat (pre-fire / nil flame) situation, accurate Alarm Point Location feature (which can be repeated onto any customer control panel) assists with rapid alarm identification, helping prevent the progression of the alarm condition to a combustible level.



# Total Flooding Pre-engineered System Design

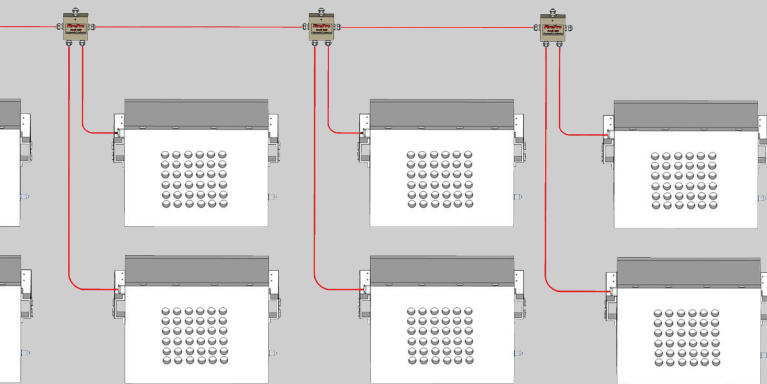


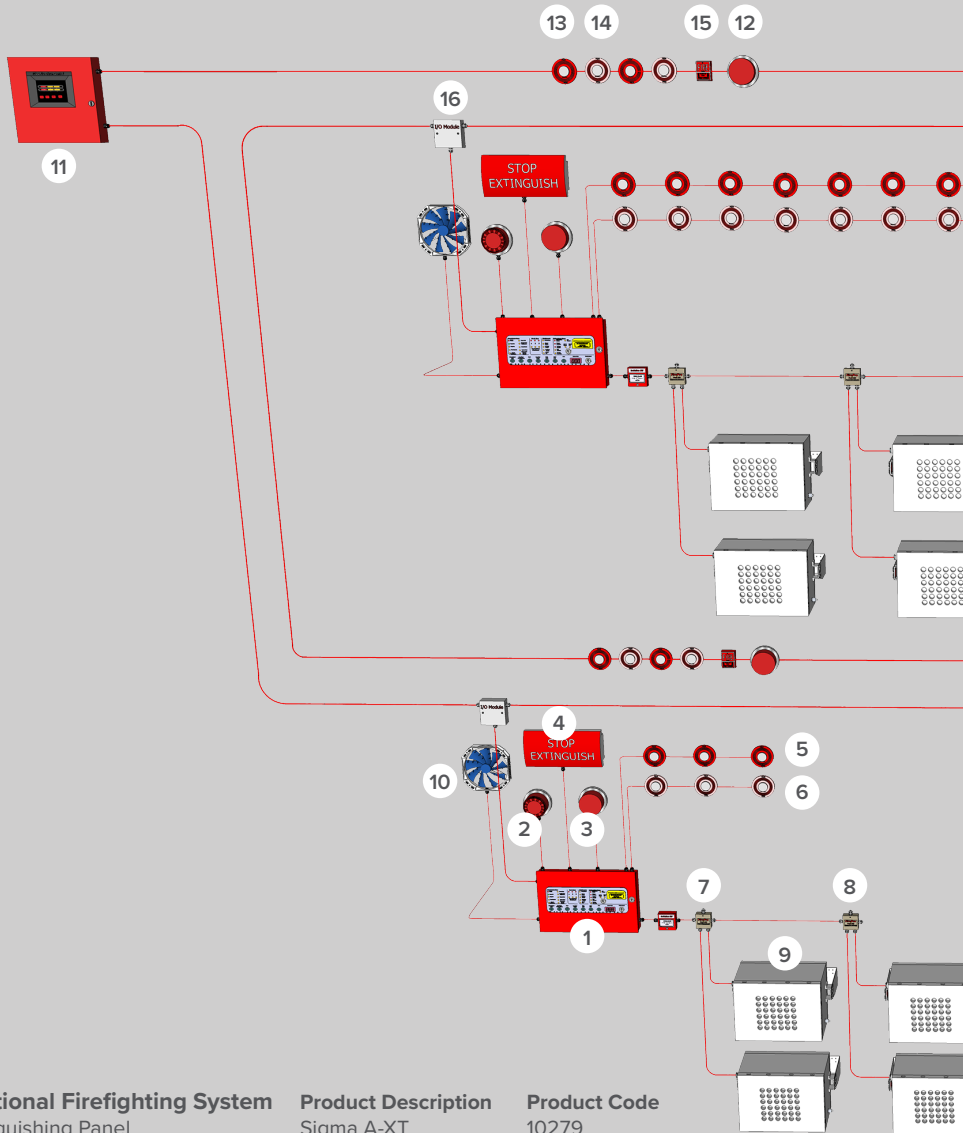
### Conventional Firefighting System

	Product Description	Product Code
1. Extinguishing Panel	Sigma A-XT	10279
2. 1 <sup>st</sup> Stage Sounder	GB6-24	10424
3. 2 <sup>nd</sup> Stage Sounder	GEC24-15/75WR	10446
4. Extinguishing Release Indication	FL-24	10227
5. Zone 1, Smoke Detectors	VF2032-00	10638
6. Zone 2, Heat Detectors	VF2020-00	10639
7. System Isolation Switch	VF1832-10	10515
8. Interface units	FP-SA/GEN3.0	10173
9. Aerosol Generators	FP-3000S	10393
10. Extractor Fan		

### Addressable Fire Alarm System

11. Addressable Fire Alarm Panel
12. Sounder
13. Smoke Detectors
14. Heat Detectors
15. Manual Call Points
16. Input / Output supervise module





### Conventional Firefighting System

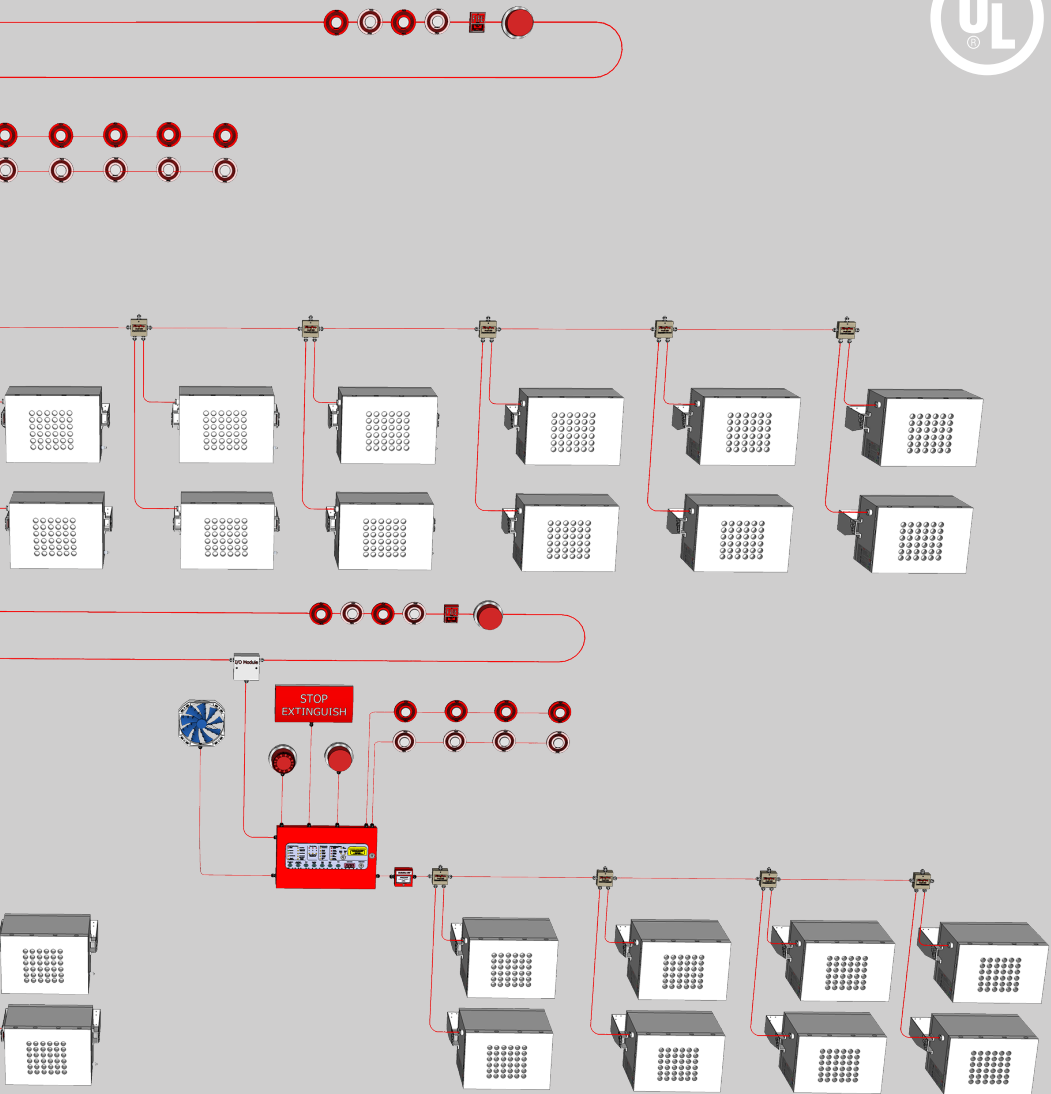
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10. Extractor Fan

### Product Description

- Sigma A-XT  
 GB6-24  
 GEC24-15/75WR  
 FL-24  
 VF2032-00  
 VF2020-00  
 VF1832-10  
 FP-SA/GEN3.0  
 FP-3000S

### Product Code

- 10279  
 10424  
 10446  
 10227  
 10638  
 10639  
 10515  
 10173  
 10393



### Addressable Fire Alarm System

- 11. Addressable Fire Alarm Panel
- 12. Sounder
- 13. Smoke Detectors
- 14. Heat Detectors
- 15. Manual Call Points
- 16. Input / Output supervise module



“The FirePro complete system solutions, bespoke service and superior quality provide a measurable advantage.”





# FirePro Warranty and Products Disclaimers

## **LIMITED PRODUCT WARRANTY**

FirePro Systems Limited ("FirePro Systems") hereby certify that all FirePro Condensed Aerosol Fire Extinguishing Units ("FirePro Condensed Aerosol Units") are built to the industry's highest engineering and manufacturing standards, are rigorously inspected and are covered by a warranty: (i) to be free from defects in material and workmanship and (ii) to be in proper working condition.

The warranty does not cover defects resulting from modification, alteration or misuse and exposure to corrosive conditions or exceptionally high temperatures.

The warranty is valid provided that the FirePro Condensed Aerosol Units have been installed by a suitably trained and authorized technician in accordance with the FirePro Systems Use Manual and the Customer records verify that the FirePro Condensed Aerosol Units have been serviced and maintained in accordance with the Use Manual.

## **PRODUCTS DISCLAIMER**

Except as provided above FirePro Systems makes no representations or warranties of any kind, whether express or implied, statutory or otherwise for the FirePro Condensed Aerosol Fire Extinguishing units and Systems, including but not limited to warranties of merchantability, fitness for a particular purpose, of title, or of non-infringement of third party rights, including the intellectual property rights of others.

## **LIMITATION OF LIABILITY**

In no event, regardless of cause, shall FirePro Systems 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.

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# Firel

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