



FirePro.

Pro.



Product
Catalogue

2016



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 shelf-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.

Product Catalogue Index

Section A Pages 07 - 29

Fire Extinguishing Condensed Aerosol
Generators For Fixed Installations

In this section

FirePro Fire Extinguishing Generators

FP-20 / FP-40 / FP-80 / FP-100 / FP-200 / FP-500

FP-1200 / FP-2000 / FP-3000 / FP-4200 / FP-5700

Section B Page 31 - 37

Fire Extinguishing Condensed Aerosol
Manual Generators

In this section

FirePro Fire Extinguishing Generators

FP-200M / FP-500M / FP-1000M

Section C Page 39-55

Fire Extinguishing
Control Panels

Section D **Pages 57-67**

Fire Extinguishant Controllers,
Sequential Activators,
Bulb Thermal Actuators

Section E **Pages 69-75**

Cables & Accessories

Section F **Pages 77-97**

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

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:

- KIWA, UL 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

Model	FP-20SE / FP-20T / FP-20TH*
Activation mechanism	Electrical (min. 1.5V DC, 0.8A in 3-4 sec) *FP-20TH Thermal Activation Only
Activator Type	Heating Element with 2.3 ohm resistance
Current intensity to be tested	Maximum 5 mA
Weight (gross)	310 g (excluding bracket)
Mass of FPC compound	20 g
Operational discharge time	5 - 10 seconds
Discharge length	1 m
Dimensions (Height : Diameter)	170 mm : 32 mm (incl. connector housing)
Fire Class	A, B, C, F

Operating temperatures: -54°C to +100°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

Model	FP-40S / FP-40T
Activation mechanism	Thermal Electrical (min 1.5V DC, 0.8A in 3-4 sec)
Activator type	Heating element with 2.3 ohm resistance
Current intensity to be tested	Maximum 5 mA
Weight (gross)	610 g (excluding bracket)
Mass of FPC compound	40 g
Operational discharge time	5 - 10 seconds
Discharge length	1 m
Dimensions (Height : Diameter)	145 mm : 51 mm (incl. connector housing)
Fire class	A, B, C, F

Operating temperatures: -54°C to +100°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

Model	FP-80S / FP-80T
Activation mechanism	Thermal Electrical (min 1.5V DC, 0.8A in 3-4 sec)
Activator type	Heating element with 2.3 ohm resistance
Current intensity to be tested	Maximum 5 mA
Weight (gross)	870 g (excluding bracket)
Mass of FPC compound	80 g
Operational discharge time	5 - 10 seconds
Discharge length	2 m
Dimensions (Height : Diameter)	190 mm x 51 mm (incl. connector housing)
Fire class	A, B, C, F

Operating temperatures: -54°C to +100°C | Generators are provided complete with brackets

FP-100S



■ FP-100S

Product Code: 10140

Product Description: **FirePro**

Fire Extinguishing Generator FP-100S.

Features:

- UL, KIWA, and BSI Approved

TECHNICAL INFORMATION

Model	FP-100S
Activation mechanism	Thermal Electrical (min 1.5V DC, 0.8A in 3-4 sec)
Activator type	Heating element with 2.3 ohm resistance
Current intensity to be tested	Maximum 5 mA
Weight (gross)	1370 g (excluding bracket)
Mass of FPC compound	100 g
Operational discharge time	5 - 10 seconds
Discharge length	1 m
Dimensions (Height : Diameter)	155 mm : 84 mm (incl. connector housing)
Fire class	A, B, C, F

Operating temperatures: -54°C to +100°C | Generators are provided complete with brackets

FP-200S





■ FP-200S

Product Code: 10142

Product Description: **FirePro**

Fire Extinguishing Generator FP-200S.

Features:

- UL, KIWA, and BSI Approved

TECHNICAL INFORMATION

Model	FP-200S
Activation mechanism	Thermal Electrical (min 1.5V DC, 0.8A in 3-4 sec)
Activator type	Heating element with 2.3 ohm resistance
Current intensity to be tested	Maximum 5 mA
Weight (gross)	1840 g (excluding bracket)
Mass of FPC compound	200 g
Operational discharge time	5 - 10 seconds
Discharge length	2 m
Dimensions (Height : Diameter)	185 mm : 84 mm (incl. connector housing)
Fire class	A, B, C, F

Operating temperatures: -54°C to +100°C | Generators are provided complete with brackets

FP-500S



■ FP-500S

Product Code: 10145

Product Description: **FirePro**

Fire Extinguishing Generator FP-500S.

Features:

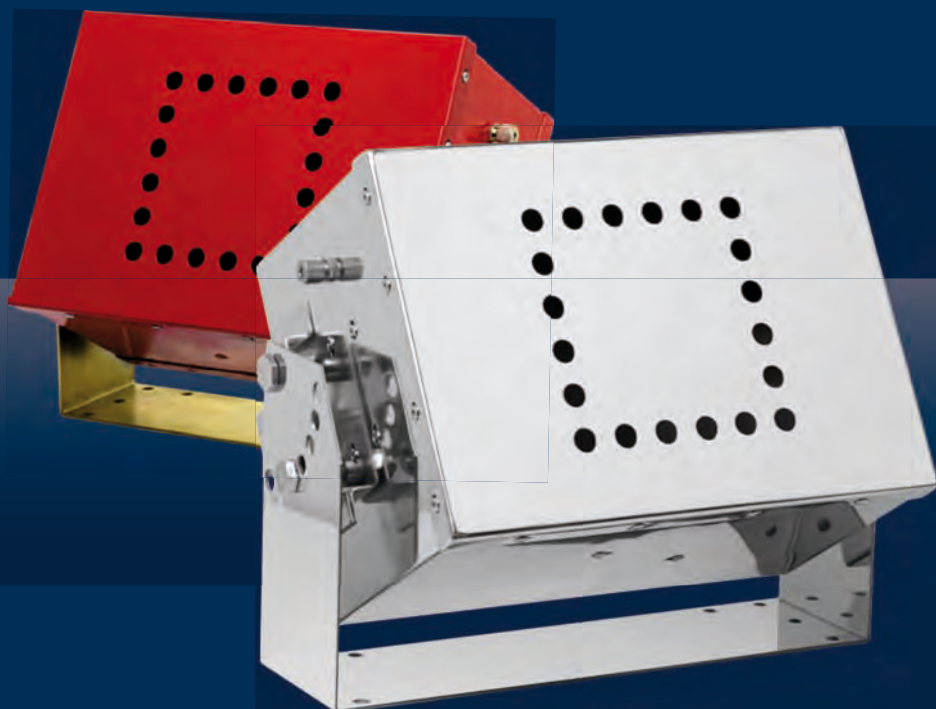
- UL, KIWA, and BSI Approved

TECHNICAL INFORMATION

Model	FP-500S
Activation mechanism	Thermal Electrical (min 1.5V DC, 0.8A in 3-4 sec)
Activator type	Heating element with 2.3 ohm resistance
Current intensity to be tested	Maximum 5 mA
Weight (gross)	3340 g (excluding bracket)
Mass of FPC compound	500 g
Operational discharge time	5 - 10 seconds
Discharge length	3 m
Dimensions (Height : Diameter)	295 mm : 84 mm (incl. connector housing)
Fire class	A, B, C, F

Operating temperatures: -54°C to +100°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

Model	FP-1200 / FP-1200S / FP-1200T / FP-1200TS
Activation mechanism	Thermal Electrical (min 1.5V DC, 0.8A in 3-4 sec)
Activator type	Heating element with 2.3 ohm resistance
Current intensity to be tested	Maximum 5 mA
Weight (gross)	10900 g (excluding bracket)
Mass of FPC compound	1200 g
Operational discharge time	10 - 15 seconds
Discharge length	3.5 m
Dimensions	216 mm x 300 mm x 167 mm
Fire class	A, B, C, F

Operating temperatures: -54°C to +100°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

Model	FP-2000 / FP-2000S / FP-2000T / FP-2000TS
Activation mechanism	Thermal Electrical (min 1.5V DC, 0.8A in 3-4 sec)
Activator type	Heating element with 2.3 ohm resistance
Current intensity to be tested	Maximum 5 mA
Weight (gross)	15500 g (excluding bracket)
Mass of FPC compound	2000 g
Operational discharge time	10 - 15 seconds
Discharge length	3.5 m
Dimensions	300 mm x 300 mm x 185 mm
Fire class	A, B, C, F

Operating temperatures: -54°C to +100°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-3000S

Product Code: 10393

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

Features:

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

■ 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-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

Model	FP-3000 / FP-3000S / FP-3000T / FP-3000TS
Activation mechanism	Thermal Electrical (min 1.5V DC, 0.8A in 3-4 sec)
Activator type	Heating element with 2.3 ohm resistance
Current intensity to be tested	Maximum 5 mA
Weight (gross)	16300 g (excluding bracket)
Mass of FPC compound	3000 g
Operational discharge time	15 - 20 seconds
Discharge length	4 m
Dimensions	300 mm x 300 mm x 185 mm
Fire class	A, B, C, F

Operating temperatures: -54°C to +100°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

Model	FP-4200T / FP-4200TS
Activation mechanism	Thermal Electrical (Min 1.5V DC, 0.8A in 3-4 sec)
Activator type	Heating element with 2.3 ohm resistance
Current intensity to be tested	Maximum 5 mA
Weight (gross)	25000 g (excluding bracket)
Mass of FPC compound	4200 g
Operational discharge time	15 - 20 seconds
Discharge length	5 m
Dimensions	300 mm x 300 mm x 300 mm
Fire class	A, B, C, F

Operating temperatures: -54°C to +100°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

Model	FP-5700 / FP-5700S / FP-5700T / FP-5700TS
Activation mechanism	Thermal Electrical (min 1.5V DC, 0.8A in 3-4 sec)
Activator type	Heating element with 2.3 ohm resistance
Current intensity to be tested	Maximum 5 mA
Weight (gross)	26400 g (excluding bracket)
Mass of FPC compound	5700 g
Operational discharge time	15 - 20 seconds
Discharge length	8 m
Dimensions	300 mm x 300 mm x 300 mm
Fire class	A, B, C, F

Operating temperatures: -54°C to +100°C | Generators are provided complete with brackets



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

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

FP-500M



■ FP-500M

Product Code: 10347

Product Description:

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

Features:

Manually Activated Generator

TECHNICAL INFORMATION

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

FP-1000M





■ FP-1000M

Product Code: 10146

Product Description:

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

Features:

Manually Activated Generator

TECHNICAL INFORMATION

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

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)**

Product Code: 10502

Product Description: **FirePro-Kentec Sigma A-XT Extinguishant Control Panel 115V (K1810-12)**



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-SI Extinguishant Status Indicator

Product Code: 10667
Product Description: Sigma A-SI
Extinguishant Status Indicator
Full (K1821-19)

Product Code: 10627
Product Description: Sigma A-SI
Extinguishant Status Indicator
Light (K1821-17)



PRODUCT OVERVIEW

The Sigma A-Si range of status indicators provide detailed status information for Sigma A-XT releasing control equipment.

FEATURES

- UL864 and FM Listed
- 6 or 10 lamp status unit with mode select keyswitch and manual release button
- Detailed indication of the status of the control panel

Sigma A-XT Ancillary Board

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



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.

FEATURES



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

FirePro-Kentec Sigma XT Extinguishant Control Panel

Product Code: 10176

**Product Description: FirePro-
Kentec Sigma XT Extinguishant
Control Panel FP-(K11031M2)**



FEATURES

- Approved to EN12094-1, EN54-2 and EN54-4
- 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 European EN12094-1 approvals, the Sigma XT extinguishant releasing panel offers outstanding value and performance for all small to medium fixed firefighting installations.

Kentec Sigma SI Extinguishant Status Indicators

Product Code: 10413
Product Description: Kentec
Sigma SI Extinguishant Status
Indicator - Full (K911113M8)

Product Code: 10485
Product Description: Kentec
Sigma SI Extinguishant Status
Indicator - Light (K911110M8)



FEATURES

- Approved to EN12094-1, EN54-2 and EN54-4
- 6 or 10 lamp status unit with mode select keyswitch and manual release button
- High brightness LEDs
- Detailed indication of the status of the control panel

PRODUCT OVERVIEW

The Sigma SI range of status indicators provide detailed status information for Sigma XT/XT+ extinguishant release control equipment.

Kentec Sigma XT Ancillary Board

■
Product Code: 10648
Product Description:
**Kentec Sigma XT
Ancillary Board (K588)**



FEATURES

- 2 Wire Serial Connection
- Up to 7 per System
- Volt-free Relay Outputs for Fire and Extinguishing System

PRODUCT OVERVIEW

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

Kentec Sigma XT+ Multi-Area Extinguishant Control Panels

Product Code: 10358

**Product Description: Kentec Sigma XT+
Multi-Area Extinguishant Control Panel,
4 Zones, 2 Areas (FP-K21042M3)**

Product Code: 10459

**Product Description: Kentec Sigma XT+
Multi-Area Extinguishant Control Panel,
8 Zones, 2 Areas (FP-K21082M3)**

Product Code: 10177

**Product Description: Kentec Sigma XT+
Multi-Area Extinguishant Control Panel,
8 Zones, 3 Areas (FP-K21083M4)**

Product Code: 10178

**Product Description: Kentec Sigma XT+
Multi-Area Extinguishant Control Panel,
8 Zones, 4 Areas (FP-K21084M4)**



FEATURES

- Approved to EN12094-1, EN54-2 and EN54-4
- 2, 4 or 8 detection zones
- 1 to 4 extinguishant areas
- Dual extinguishant outputs for each area

PRODUCT OVERVIEW

Sigma XT+ control panels are multi-area extinguishant control panels with up to 4 extinguishant areas available.

Kentec Sigma CP Fire Alarm Control Panel

Product Code: 10487

Product Description: **Kentec
Sigma CP Fire Alarm Control
Panel, 4 Zone (K11040M2)**

Product Code: 10488

Product Description: **Kentec
Sigma CP Fire Alarm Control
Panel, 8 Zone (K11080M2)**



FEATURES

- Fully certified to BS EN54-2 and BS EN54-4
- 2-wire and standard version in 2, 4 or 8 Zones
- 2-wire repeaters and ancillary boards
- Fully programmable using simple menu options

PRODUCT OVERVIEW

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

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.

Kentec Syncro AS

Analogue Addressable Fire Control Panel

Argus Vega Protocol



Product Code: 10343

Product Description: Kentec Syncro AS Analogue Addressable Fire Control Panel - Argus Vega Protocol, 1-Loop (V80161M2)



Product Code: 10467

Product Description: Kentec Syncro AS Analogue Addressable Fire Control Panel - Argus Vega Protocol, 2-Loops (V80162M2)



FEATURES

- Certified to EN54-2 / EN54-4
- 16 zonal LED indicators, large graphic display
- Expandable from 1 to 2 Loops
- Up to 512 additional programmable I/O via Syncro I/O modules
- Stores 500 last events in event log

PRODUCT OVERVIEW

Syncro AS is a versatile range of open protocol fire alarm control panels compatible with existing Syncro fire alarm panel technology. Available with one or two detection loops capable of hosting up to 240 devices (Argus Vega). Suitable for all small to medium sized fire detection systems, Syncro AS control panels can be expanded and networked to become part of much larger systems. With its large graphical display and ergonomic button and indicator layout, the Syncro AS control panel is simple and straightforward to understand for installers, commissioning engineers and end users alike.

Elite RS

Analogue Addressable Fire Control Panel - Hochiki Protocol



Product Code: 10663

**Product Description: Elite RS Analogue
Addressable Fire Control Panel,
1-Loop (K0810-10)**



Product Code: 10664

**Product Description: Elite RS Analogue
Addressable Fire Control Panel,
2-Loop (K0820-10)**



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.



FirePro Marine Fire Control Panel

Product Code: 10651

**Product Description: FirePro
Marine Fire Control Panel
(FPX103C)**



FEATURES

- MCA Approved
- Manual or automatic activation of aerosol generators
- Two 2A changeover relay circuits for external warning/shutdown circuits.
- Monitors status and time delay option
- Visual and audible warning of detector and extinguisher line faults

PRODUCT OVERVIEW

The FPX103C panel is used to monitor and control multiple fire detectors and FirePro generators as part of a marine engine fire protection system. It can support multiple combinations of up to four flame/smoke/overheat/linear heat detectors for 24V panel supply and up to two with a 12V panel supply. The maximum number of FirePro generators, which can be fitted per panel is four for a 24V panel supply and two for 12V panel supply.

FirePro Marine Main Central Panel



Product Code: 10166
**Product Description: FirePro
Marine Main Central Panel
(FS12)**



Product Code: 10240
**Product Description: Substation
for Marine FS12 Panel**



FEATURES

- DNV Approved (A-12563), according to IMO MSC 1270
- Suitable for use in both small and large installations
- Redundant system
- System monitoring ensures detection of system faults
- 1-Zone smoke detector input

PRODUCT OVERVIEW

The purpose of the FS12 system is to control and monitor a number of FirePro® aerosol generators mounted on a ship as part of a fire extinguishing systems.

The primary purpose of the FS12 system is to activate the aerosol generators in event of fire.

FirePro Marine AMAC Panel

FEATURES

- IMO Certified
- Powder Coated Carbon Steel and Stainless Steel Versions
- Remote Control box (optional)
- LED Display
- Potential free contacts for remote signalling
- Time delayed releasing function (optional)



PRODUCT OVERVIEW

The AMAC (Aerosol Marine Activation & Control) panel is built to activate up to 84 Firepro Aerosol Extinguishers in machinery spaces and pump rooms. The panel is IMO certified and it is available in powder coated or stainless steel versions. The panel includes a display which allows easy configuration and operation of the panel.

AMAC Marine Carbon Steel:



Product Code: 10735

Product Description: **No Display, With Delay for 2 Aerosol Generators**



Product Code: 10736

Product Description: **No Display, With Delay for 4 Aerosol Generators**



Product Code: 10737

Product Description: **No Display, With Delay for 6 Aerosol Generators**



Product Code: 10738

Product Description: **No Display, With Delay for 8 Aerosol Generators**



Product Code: 10750

Product Description: **No Display, No Delay for 2 Aerosol Generators**



Product Code: 10751

Product Description: **No Display, No Delay for 4 Aerosol Generators**



Product Code: 10752

Product Description: **No Display, No Delay for 6 Aerosol Generators**



Product Code: 10753

Product Description: **No Display, No Delay for 8 Aerosol Generators**

AMAC Marine Stainless Steel:

Product Code: 10739
Product Description:
**No Display, With Delay for
2 Aerosol Generators**

Product Code: 10740
Product Description:
**With Display, With Delay
for 4 Aerosol Generators**

Product Code: 10741
Product Description:
**With Display, With Delay
for 6 Aerosol Generators**

Product Code: 10742
Product Description:
**With Display, With Delay
for 8 Aerosol Generators**

Product Code: 10743
Product Description:
**With Display, With Delay
for 12 Aerosol Generators**

Product Code: 10744
Product Description:
**With Display, With Delay
for 16 Aerosol Generators**

Product Code: 10745
Product Description:
**With Display, With Delay
for 20 Aerosol Generators**

Product Code: 10746
Product Description:
**With Display, With Delay
for 24 Aerosol Generators**

Product Code: 10747
Product Description:
**With Display, With Delay
for 28 Aerosol Generators**

Product Code: 10748
Product Description:
**With Display, With Delay
for 32 Aerosol Generators**

Product Code: 10749
Product Description:
**With Display, With Delay
for 36 Aerosol Generators**

Product Code: 10754
Product Description:
**No Display, No Delay for 2
Aerosol Generators**

Product Code: 10755
Product Description:
**With Display, No Delay for
4 Aerosol Generators**

Product Code: 10756
Product Description:
**With Display, No Delay for
6 Aerosol Generators**

Product Code: 10757
Product Description:
**With Display, No Delay for
8 Aerosol Generators**

Product Code: 10758
Product Description:
**With Display, No Delay for
12 Aerosol Generators**

Product Code: 10759
Product Description:
**With Display, No Delay for
16 Aerosol Generators**

Product Code: 10760
Product Description:
**With Display, No Delay for
20 Aerosol Generators**

Product Code: 10761
Product Description:
**With Display, No Delay for
24 Aerosol Generators**

Product Code: 10762
Product Description:
**With Display, No Delay for
28 Aerosol Generators**

Product Code: 10763
Product Description:
**With Display, No Delay for
32 Aerosol Generators**

Product Code: 10764
Product Description:
**With Display, No Delay for
36 Aerosol Generators**

FPX114

Fire Detection and Extinguishant Controller

Product Code: 10702

Product Description: FirePro Fire Protection Module (FPX114)



FEATURES

- Designed according to 89/336/EEC (EMC Directive)
- Standalone unit (Battery powered)
- 1 Detection Zone, supervised
- Up to 2 FirePro Generators, supervised

PRODUCT OVERVIEW

The FPX114 fire protection module is a totally self-contained, battery powered, fire detection and release control panel. It can be used with a variety of LHD cables (Linear Heat Detector Cables) and will activate up to 2 FirePro units of any size. Extreme low power design gives extended battery life.

FirePro Vehicle Control Panel



Product Code: 10167
Product Description: FirePro
Vehicle Control Panel
(FPX106)



FEATURES

- Supports a single loop of Linear Heat Sensor (LHS) or thermal switches.
- Supports single or multiple FirePro extinguisher units.
- Manual Fire Extinguisher Operate button with tamper evident seal.
- Designed to meet the requirements of 89/336/EEC (EMC Directive) and Automotive Directive 95/54/EC

PRODUCT OVERVIEW

This is a manually operated fire suppression system, which uses a linear heat cable detector fitted within the protected area. The linear heat cable detectors are used to detect heat produced by fire and also set temperatures classed as extreme for the protected area. The FirePro generators are only activated manually with human intervention via the electrical activation switch on the FPX106 panel. The FPX106 panel can operate multiples of FirePro generators: 12VDC maximum of 2 generators or 24VDC maximum of 4 generators. These are activated through wiring to a multiple activation connection block.



FirePro Vehicle Kit Vehicle Fire Suppression System



Product Code: 10171

Product Description: **FirePro
Vehicle Suppression Kit**

FEATURES

- Up to 4 Condensed Aerosol Generator units can be connected, supervised
- Detection Line supervision
- Panel, Releasing Line supervision
- LED Fault / Fire / Power indicators

PRODUCT OVERVIEW

This is a manually operated fire suppression system, which uses a linear heat cable detector fitted within the protected area. The linear heat cable detectors are used to detect heat produced by fire and also set temperatures classed as extreme for the protected area. The FirePro generators are only activated manually with human intervention via the electrical activation switch on the FPX106 panel. The FPX106 panel can operate multiples of FirePro generators: maximum 2 at 12VDC, and maximum 4 at 24VDC. The Bus Kit includes a Vehicle Panel, a fuse box, Linear Heat Detector cables and supports, a Termination Box, a Junction Box, fireproof cables and supports, sundries, etc.



Section D



Fire Extinguishant
Controllers,
Sequential Activators,
Bulb Thermal
Actuators

FPC-1

Fire Detection and Extinguishant Controller

Product Code: 10161
Product Description: FPC-1
Extinguishant Controller



FEATURES

- 1 detection zone, supervised
- Operated by 4 alkaline batteries
- Up to 2 FirePro Generators, supervised
- 'Power On', 'Fire' and 'Fault' indicator

PRODUCT OVERVIEW

The Releasing Device FPC-1, operated by its own supervised power source enables monitoring, detection and automatic extinguishing of a fire in an electrical cabinet using the self-contained heat detector sensor or an external linear heat detection cable and two condensed aerosol fire extinguishing units

FPC-2

Fire Detection and Extinguishant 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.

FPC-4

Fire Detection and Extinguishant Controller

Product Code: 10514
Product Description: FPC-4RM
Extinguishant Controller - Metal Case

Product Code: 10448
Product Description: FPC-4R
Extinguishant Controller- Plastic Case



FEATURES

- 2 activation inputs, not supervised
- Operated by one 3V, CR2 Lithium battery
- Fire alarm relay
- Up to 2 FirePro Generators, not supervised

PRODUCT OVERVIEW

The Releasing Device FPC-4 is capable of detecting fire by using the linear heat detector cable and activating the condensed aerosol fire extinguishing units automatically in an electrical cabinet.

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 XT, Sigma A-XT, Sigma XT+ Fire Control Panels to the Aerosol Generators using four-conductor cabling. A maximum of 20 FirePro Sequential Activators can be connected to each extinguishing line.

FPC-5

Extinguishant Controller



FEATURES

- 1 detection zone, not supervised
- Operated by one 3V, CR2 Lithium Battery
- 1 Aerosol Generator, not supervised

PRODUCT OVERVIEW

The FPC-5 Fire Detection and Actuation Module consists of a control unit, mounted in a metal housing, which can be interfaced to any condensed aerosol fire extinguishing unit. It is capable of detecting fire by using the linear heat detector cable or bimetallic sensor and activating the condensed aerosol fire extinguishing unit automatically in an electrical cabinet.

For Generators FP-20T / 20SE / 40T / 40S / 80T / 80S

■ **Product Code: 10560**

Product Description: **FPC-5 Fire Extinguishant Controller for FP-20/ 40/ 80 with Gland for LHD Cable**

■ **Product Code: 10557**

Product Description: **FPC-5 Fire Extinguishant Controller for FP-20/ 40/ 80 with Bimetallic Sensor at 60°C**

■ **Product Code: 10563**

Product Description: **FPC-5 Fire Extinguishant Controller for FP-20/ 40/ 80 with Bimetallic Sensor at 70°C**

■ **Product Code: 10564**

Product Description: **FPC-5 Fire Extinguishant Controller for FP-20/ 40/ 80 with Bimetallic Sensor at 80°C**

■ **Product Code: 10565**

Product Description: **FPC-5 Fire Extinguishant Controller for FP-20/ 40/ 80 with Bimetallic Sensor at 100°C**



For Generators
FP-100S / 200S / 500S

■
Product Code: 10561
Product Description: **FPC-5 Fire Extinguishant Controller for FP-100S/ 200S/ 500S with Gland for LHD Cable**

■
Product Code: 10558
Product Description: **FPC-5 Fire Extinguishant Controller for FP-100S/ 200S/ 500S with Bimetallic Sensor at 60°C**

■
Product Code: 10566
Product Description: **FPC-5 Fire Extinguishant Controller for FP-100S/ 200S/ 500S with Bimetallic Sensor at 70°C**

■
Product Code: 10567
Product Description: **FPC-5 Fire Extinguishant Controller for FP-100S/ 200S/ 500S with Bimetallic Sensor at 80°C**

■
Product Code: 10568
Product Description: **FPC-5 Fire Extinguishant Controller for FP-100S/ 200S/ 500S with Bimetallic Sensor at 100°C**

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

■
Product Code: 10562
Product Description: **FPC-5 Fire Extinguishant Controller for box-type Generators with Gland for LHD Cable**

■
Product Code: 10559
Product Description: **FPC-5 Fire Extinguishant Controller for box-type Generators with Bimetallic Sensor at 60°C**

■
Product Code: 10569
Product Description: **FPC-5 Fire Extinguishant Controller for box-type Generators with Bimetallic Sensor at 70°C**

■
Product Code: 10570
Product Description: **FPC-5 Fire Extinguishant Controller for box-type Generators with Bimetallic Sensor at 80°C**

■
Product Code: 10571
Product Description: **FPC-5 Fire Extinguishant Controller for box-type Generators with Bimetallic Sensor at 100°C**

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.

Cable Glands

Product Code: 10063

Product Description: Cable Glands Nickel Plated M16

Product Code: 10064

Product Description: Cable Glands Nickel Plated M20



FEATURES

- EN50262 Approved
- Tapered rings
- Santoprene rubber seal (Polyolefin) for IP68 protection

PRODUCT OVERVIEW

Glands for use with screened cable are designed to connect the screen of the cable to the enclosure screening system.

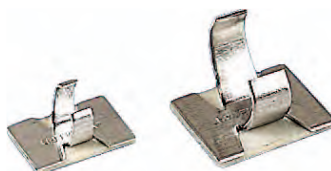
Aluminium Cable Clip

Product Code: 10153

Product Description: Self Adhesive Aluminium Cable Clip 6mm

Product Code: 10154

Product Description: Self Adhesive Aluminium Cable Clip 9mm



FEATURES

- Self-adhesive
- Light and flexible
- Forms strong bond with any smooth surface such as metal, plastic, glass, wood, etc.

PRODUCT OVERVIEW

Self-adhesive aluminium clips which provide a quick and economical solutions to various wiring problems.

Magnet with threaded stem

Product Code: 10640

Product Description: **Mounting**

Magnet for cylindrical-type

Generators (GTN-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

Termination Box

Product Code: 10491

Product Description:

**LHD Cable Termination Box
(MK1282 Termination Box)**



FEATURES

- End of line termination box for fire resistant cables and linear heat detector cables.

PRODUCT OVERVIEW

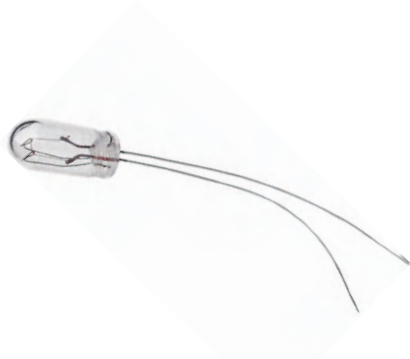
The MK1282 termination box is suitable for terminating the linear heat detector cable and contributes in the prevention of unwanted short circuits by preventing cable exposure to the installation environment.

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.

3VDC Battery

Product Code: 10524
Product Description:
3VDC Battery CR2-BL1



FEATURES

- UL Approved
- Chemical System: Lithium / Manganese Dioxide (Li/MnO₂)
- Designation: IEC-CR2
- Operating Temperature: -40°C to 60°C
- Typical Capacity: 800 mAh (to 2.0 volts)
- Max Discharge: 1000 mA continuous (2500 mA pulse)

PRODUCT OVERVIEW

The CR2 Battery can be used with the FPC-4RM, FPC-4R as well as FPC-5 units.

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 μ 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 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 μ 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.

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.

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.

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.

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: IP65

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 IP65. The product is compliant to the European Standard EN54.

Conventional Base for Detector

Product Code: 10192
Product Description:
**Conventional Base
for Detector
(UBR100-470)**



FEATURES

- LPCB (928e) & VDS Approved
- Secure and reliable cable termination
- A useful terminal provides remote indicator output
- Low insertion force for detector
- Operating voltage 12-24V DC

PRODUCT OVERVIEW

The UB100 Series is designed specifically for use with the conventional Model S1000 Photoelectric Smoke Detector, S3500 Fixed Temperature / Rate-of-rise Heat Detector. Available also with deep base (DBS100) and relay base (BLR100)

Conventional Smoke Photo Detector

Product Code: 10193

Product Description:

Conventional Optical Smoke Detector (S1000)



FEATURES

- LPCB (928e) & VDS Approved
- Central LED providing 360° visibility
- Operating voltage 10-30V DC
- Low standby current: 60µA at 24V DC
- Built-in alarm LED



PRODUCT OVERVIEW

This type of detector continuously samples the air in the protected area to provide the earliest warning of fire and yet offers a high level of false alarm rejection. This device benefits from a “Double Dust Trap” incorporated into the design of the smoke entry ports, hence limiting potential contamination and extending periods between maintenance without compromising sensitivity of response. These detectors are designed for open area protection and must only be connected to conventional control panels.

Conventional Thermal Detector Rate-of-rise

Product Code: 10195

Product Description:

**Conventional Thermal Detector
Rate-of-rise (S3500A1R)**



FEATURES

- LPCB (928e) & VDS Approved
- Central LED providing 360° visibility
- Operating voltage 10-30V DC
- Low standby current: 60µA at 24V DC
- Built-in alarm LED



PRODUCT OVERVIEW

The S3500A1R conventional thermal detector is designed to detect fire conditions from rate-of-rise temperature and provide high immunity to false alarms. This type of detector continuously samples the temperature variation in the protected area to provide the earliest warning of fire and yet offers a high level of false alarm rejection. These detectors are designed for open area protection and must only be connected to conventional control panels.

Conventional Thermal Detector (HT)

Product Code: 10194

Product Description:

**Conventional Thermal Detector
Heat (S3500/B)**



FEATURES

- LPCB (928e) & VDS Approved
- Central LED providing 360° visibility
- Operating voltage 10-30V DC
- Low standby current: 60µA at 24V DC
- Built-in alarm LED



PRODUCT OVERVIEW

The S3500/B Conventional Thermal Detector is designed to detect fire conditions from fixed temperature thermal conditions and provide high immunity to false alarms. This type of detector continuously samples the temperature variation in the protected area to provide the earliest warning of fire and yet offers a high level of false alarm rejection. These detectors are designed for open area protection and must only be connected to conventional control panels.

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.

STI ReSet

Product Code: 10187

**Product Description: Isolation Switch
Blue (RPBS11CL)**



Product Code: 10365

**Product Description: Release Switch
Yellow (RPYS11CL)**



Product Code: 10680

**Product Description: Call Point
Red (RPRS11HF)**



Product Code: 10555

**Product Description: Integral cover for
STI ReSet Switches**

FEATURES

- Visible warning flag confirms activation
- Simple key to reset operating element
- Double pole version

PRODUCT OVERVIEW

The ReSet is a unique switch that mimics the feel of breaking glass while offering the benefits and environmental advantages of a resettable operating element.

An activation indicator drops into view at the top of the window after the ReSet has been operated. The unit is then simply reset with a key and is again ready for use.

Fire Alarm Bell 6 Inch

Product Code: 10200
**Product Description: Fire Alarm
Bell 6 Inch (MBM246)**



FEATURES

- High sound output
- Low current consumption
- Simple Installation
- Multi-fixing base plate

PRODUCT OVERVIEW

All internal bells incorporate highly efficient rotary centrifugal movements combining high sound output with low current consumption.

Flashni

External Sounder Beacon

Product Code: 10207

Product Description: **External
Sounder Beacon 18-30V DC
(Flashni)**

Product Code: 10417

Product Description: **External
Sounder Beacon 12V DC
(Flashni)**



FEATURES

- High output sounder beacon
- Automatic sounder synchronisation
- Choice of lens / sounder color
- Base compatible with RoLP & Solex beacons
- Lockable base

PRODUCT OVERVIEW

The Flashni is an audible and visual device which requires a single installation point. This greatly reduced installation and costs and is much less obtrusive than two separate devices.

Versions available with sounder and beacon linked or with separate terminals for independent operation.

Roshni Low Profile Electronic Sounder

Product Code: 10209

Product Description: Low Profile Electronic Sounder - Roshni (MWS423)



FEATURES

- LPCB Approved(378b/02)
- High sound output
- Low current consumption
- 32 tones (user selectable)
- Second tone for two-stage alarms
- Lockable base

PRODUCT OVERVIEW

The Roshni Low Profile (RoLP) is the fire alarm market's leading conventional sounder, although it finds uses in much wider applications such as security, general signaling and process alarms. The wide operating voltage and range of tones available to the user make this flexible sounder supremely adaptable in even its most basic forms.

Speech Dialler

Product Code: 10196

Product Description:
Speech Dialler (SD1+)

Product Code: 10198

Product Description:
Speech Dialler (SD3+)



FEATURES

- Works in conjunction with all quality control panels
- 8-character Starburst LCD display
- Up to 40 seconds recording time
- Integral microphone and loudspeaker
- Call abort

PRODUCT OVERVIEW

The SD1+ sends pre-recorded voice messages over a conventional telephone line whenever external equipment triggers one of its four inputs. Any equipment that has a voltage-free contact as an output can provide an input to the unit. Each input (A, B, C, D) triggers the corresponding message A, B, C or D.

The SD3+ can communicate via PSTN line, a GSM network or both together, with the user's option of which one should dial out first.

The unit is fully self-programmable letting you enter up to 10 contact numbers, select the type of message (voice or SMS), which should go to each, and allowing you to store spoken or text messages to suit your requirements.

Boxed Power Supply Unit

Product Code: 10518

Product Description:

**Kentec Boxed Power Supply
Unit 2.5A 24V (K25250M2)**



FEATURES

- BSI Approved (KM 73505) LPCB Approved
- Chassis only or enclosure mounted with battery space
- 230V input
- Regulated, true 24V output
- House up to 7Ah batteries
- Status indicators for monitored faults

PRODUCT OVERVIEW

Syncro Power fully certified to EN54-4 power supplies provide a stable and fully regulated, true 24V output for fire alarm system applications under all power conditions.

The unique regulation techniques ensure that even when running on standby batteries, a stable 24V supply is available to all parts of the system, ensuring that all 24V powered devices connected are supplied with optimum power.

Power Supply

Product Code: 10314

Product Description:

**Unboxed Power Supply Unit
2.5A 24V (82425S)**



FEATURES

- IMQ-CSV Certified according to UNI EN60950
- Reduced size
- High efficiency
- Recharge Pb batteries
- Available output current: 1.5A, 2.5A, 5A

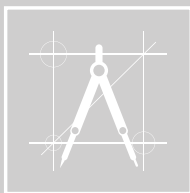
PRODUCT OVERVIEW

Switching Power Supply Unit with 27.6 Vcc output voltage available with output current 2.5A. High efficiency and minimum heat losses, thanks to the switching technology. The unit is protected from overloads, polarity reversals and short circuits.

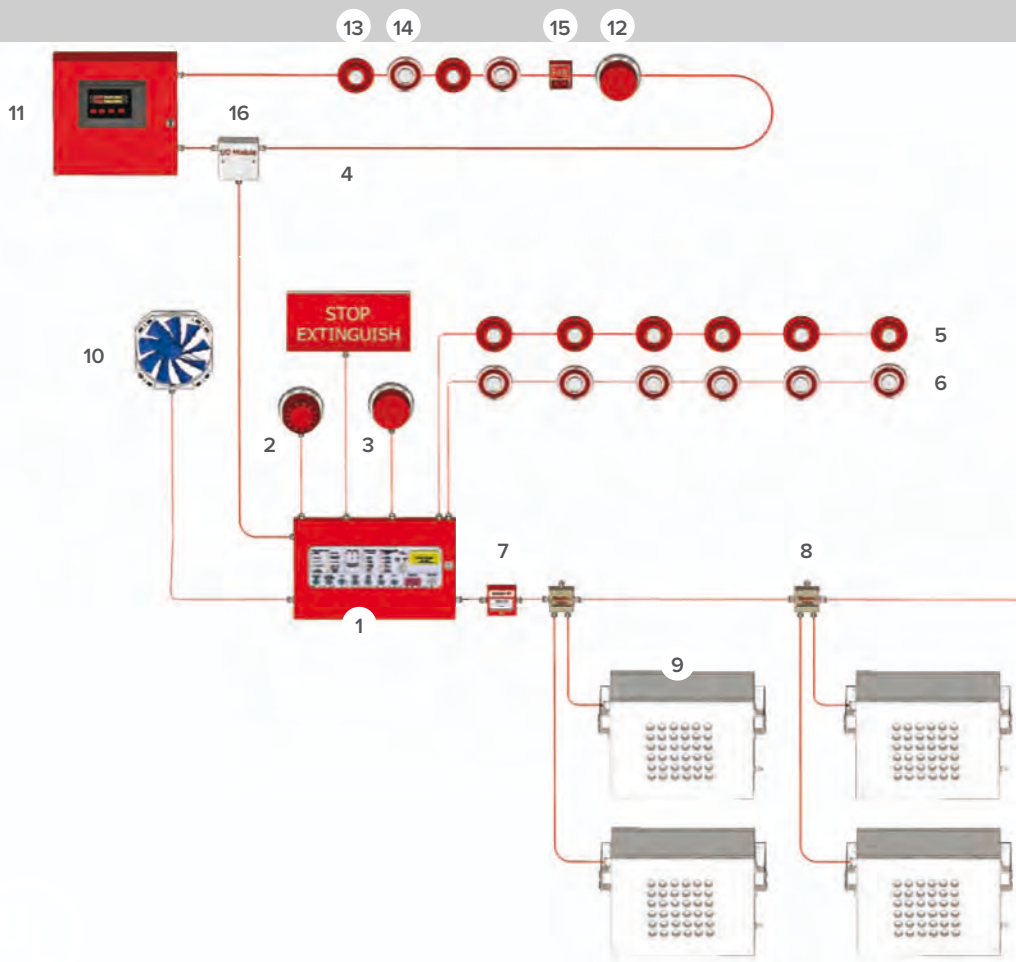
The mains presence is indicated by a green coloured LED.

Specifically recommended in systems that require small to medium-size power supply units or case suited to accommodate concentrators or junction boxes.

It is useful for the supply of panels, sounders and bells.



Total Flooding Pre-engineered System Design

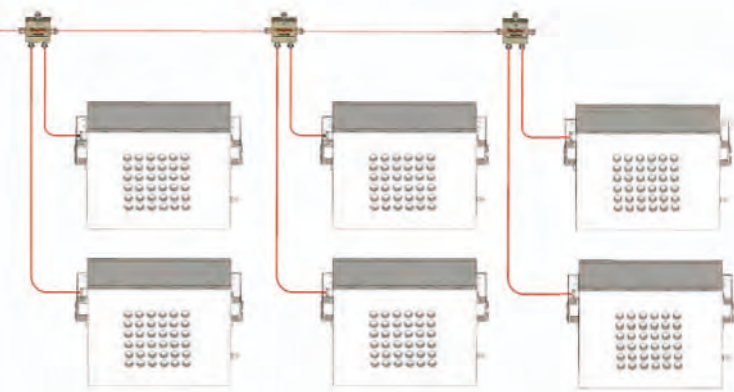


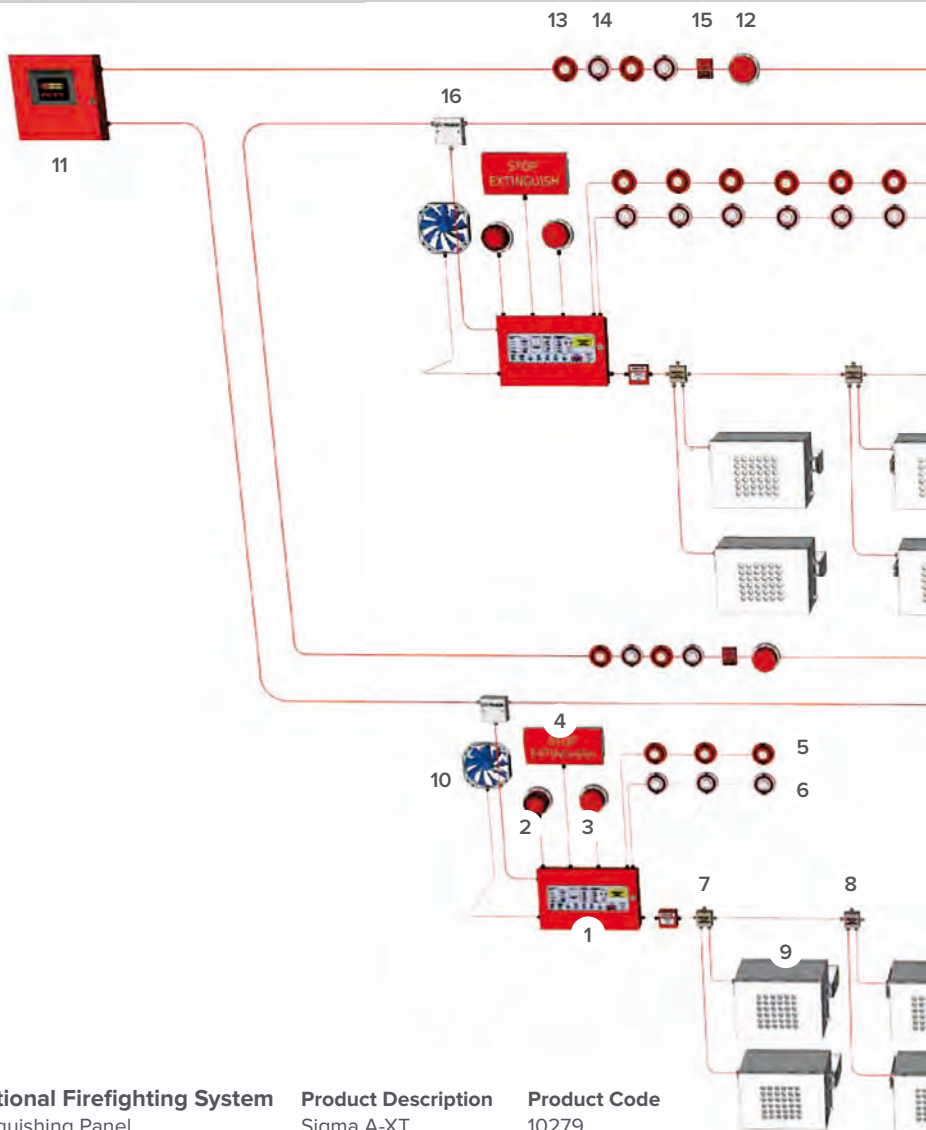
Conventional Firefighting System

	Product Description	Product Code
1. Extinguishing Panel	Sigma A-XT	10279
2. 1 st Stage Sounder	GB6-24	10424
3. 2 nd 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

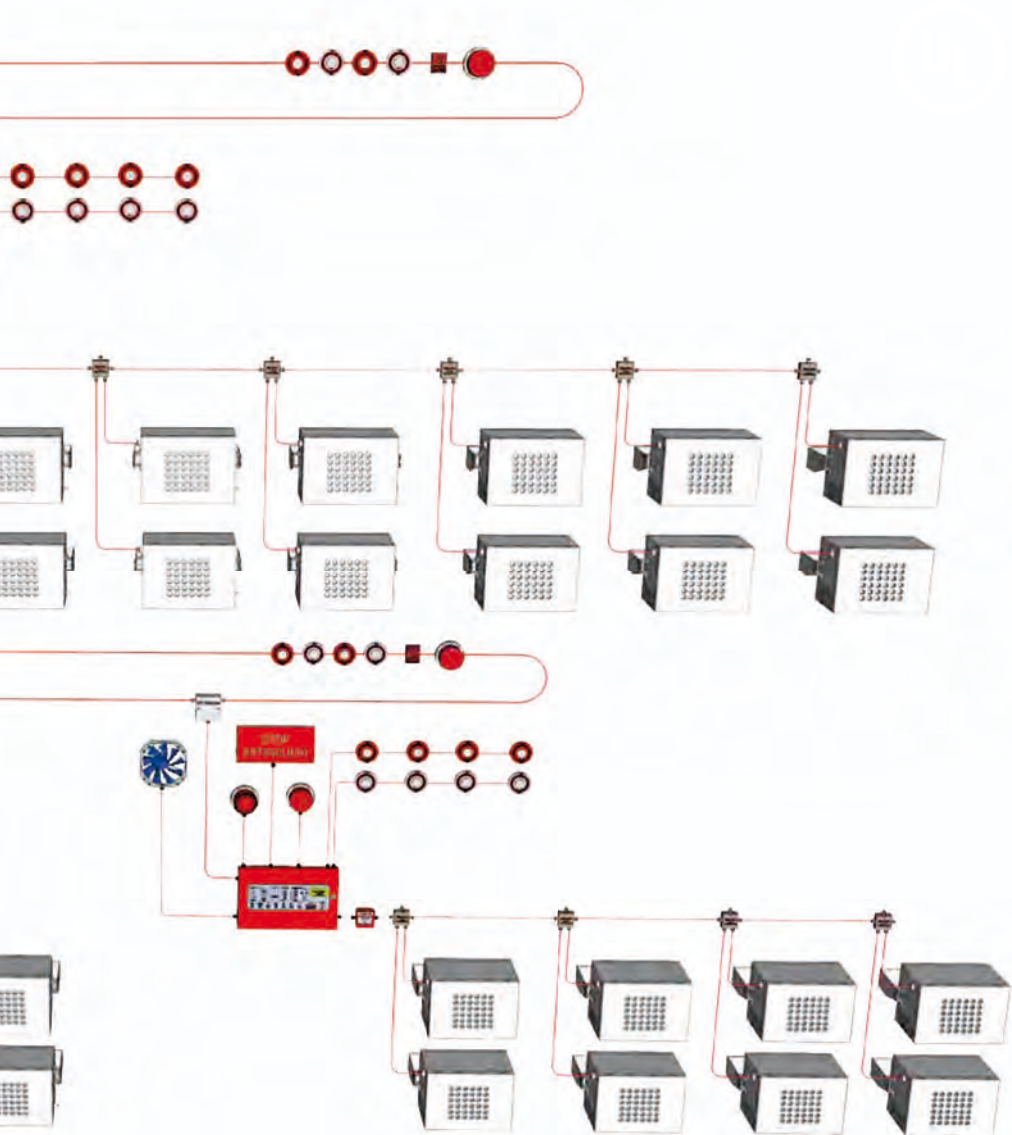
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Product Description

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

Product Code

10279
10424
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Addressable Fire Alarm System

11. Addressable Fire Alarm Panel
12. Sounder
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“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 three (3) year, from the date of purchase, warranty, to be free from defects in material and workmanship and a five (5) year, from the date of purchase, warranty, to be fit for purpose.

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 Condensed Aerosol Units have been installed by a suitably trained and authorized technician in accordance with the Use Manual and the Customer records verify that the 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, for the FirePro Condensed Aerosol Fire Extinguishing 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.

This warranty is in lieu of and FirePro Systems expressly disclaims all other warranties, express or implied, including but not limited to fitness for a particular purpose and merchantability

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.

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Fire

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