

# FP-20



**FAMCO**  
هایپر صنعت

## ■ FP-20SE

**Product Code: 10135**

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

**Features:**

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

## ■ FP-20T

**Product Code: 10620**

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

**Features:**

- KIWA Approved
- Under Process to be UL, BSI, ActivFire Approved
- This model discharges through one outlet only (bottom).

## TECHNICAL INFORMATION

<b>Model</b>	FP-20SE / FP-20T / FP-20TH*
<b>Activation mechanism</b>	Electrical (min. 1.5V DC, 0.8A in 3-4 sec) *FP-20TH Thermal Activation Only
<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, F

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

www.famcocorp.com

E-mail: info@famcocorp.com

@famco\_group

Tel: +91-44-2666649

Fax: +91-44-2666642

تهران، کیلومتر ۲۱ بزرگراه لشگری (جاده مخصوص کرج)

روبروی پالایشگاه نفت پارس، پلاک ۱۳

# FP-40



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## ■ FP-40S

**Product Code: 10136**

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

**Features:**

- UL, KIWA, BSI, ActivFire 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:**

- KIWA Approved
- Under Process to be UL, BSI, ActivFire Approved
- This model discharges through one outlet only (bottom).

## TECHNICAL INFORMATION

<b>Model</b>	FP-40S / FP-40T
<b>Activation mechanism</b>	Thermal Electrical (min 1.5V DC, 0.8A in 3-4 sec)
<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, F

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



www.famcocorp.com

E-mail: info@famcocorp.com

@famco\_group

Tel: ۰۲۱-۴۸۰۰۰۰۴۹

Fax: ۰۲۱-۴۴۹۹۴۶۴۲

تهران، کیلومتر ۲ بزرگراه لشگری (جاده مخصوص کرج)

روبروی پالایشگاه نفت پارس، پلاک ۱۲

# 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)	185 mm x 51 mm (incl. connector housing)
Fire class	A, B, C, F

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



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E-mail: info@famcocorp.com

@famco\_group

Tel: ۰۲۱-۴۸۰۰۰۰۴۹

Fax: ۰۲۱-۴۴۹۹۴۶۴۲

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# FP-100S



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## ■ FP-100S

Product Code: 10140

Product Description: FirePro

Fire Extinguishing Generator FP-100S.

Features:

- UL, KIWA, BSI, ActivFire 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 +54°C | Generators are provided complete with brackets



www.famcocorp.com  
E-mail: info@famcocorp.com  
@famco\_group

Tel: +91-48000049  
Fax: +91-44994642

تهران، کیلومتر ۲۱ بزرگراه لشگری (جاده مخصوص کرج)  
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# FP-200S



# FAMCO

## هایپر صنعت

### ■ FP-200S

**Product Code: 10142**

**Product Description: FirePro**

**Fire Extinguishing Generator FP-200S.**

**Features:**

- UL, KIWA, BSI, ActivFire 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 +54°C | Generators are provided complete with brackets

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روبروی پالایشگاه نفت پارس، پلاک ۱۲



www.famcocorp.com

E-mail: info@famcocorp.com

@famco\_group

Tel: +91-44-2610004

Fax: +91-44-2610005

# FP-500S



www.famcocorp.com

E-mail: info@famcocorp.com

@famco\_group

Tel: ۰۲۱-۴۸۰۰۰۰۰۴۹

Fax: ۰۲۱-۴۴۹۹۴۶۴۲

**FAMCO**  
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## ■ FP-500S

Product Code: 10145

Product Description: FirePro

Fire Extinguishing Generator FP-500S.

Features:

- UL, KIWA, BSI, ActivFire Approved

## TECHNICAL INFORMATION

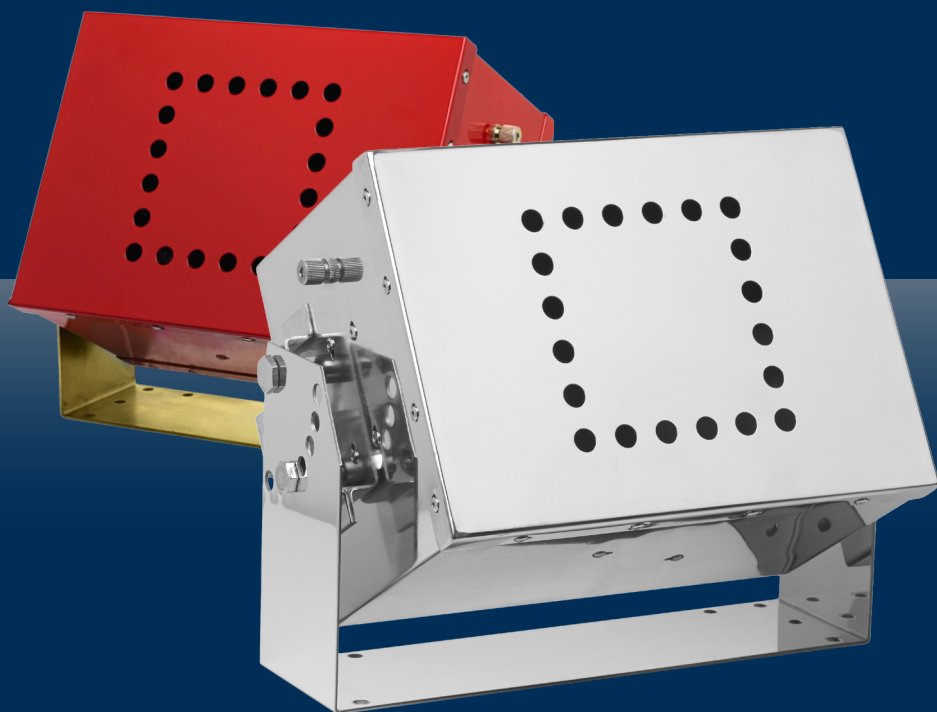
Model	FP-500S
Activation mechanism	Thermal Electrical (min 1.5V DC, 0.8A in 3-4 sec)
Activator type	Heating element with 2.3 ohm resistance
Current intensity to be tested	Maximum 5 mA
Weight (gross)	3340 g (excluding bracket)
Mass of FPC compound	500 g
Operational discharge time	5 - 10 seconds
Discharge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

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

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# FP-1200



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## ■ FP-1200

**Product Code: 10147**

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

**Features:**

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

## ■ FP-1200S

**Product Code: 10395**

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

**Features:**

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

## ■ FP-1200T

**Product Code: 10316**

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

**Features:**

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

## ■ FP-1200TS

**Product Code: 10622**

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

**Features:**

- Under Process to be UL, KIWA, BSI, ActivFire 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 mechanism</b>	Thermal Electrical (min 1.5V DC, 0.8A in 3-4 sec)
<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, F

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

www.famcocorp.com

E-mail: info@famcocorp.com

@famco\_group

Tel: ۰۲۱-۴۸۰۰۰۰۴۹

Fax: ۰۲۱-۴۴۹۹۴۶۴۲

تهران، کیلومتر ۲۱ بزرگراه لشگری (جاده مخصوص کرج)

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# FP-2000



**FAMCO**  
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## ■ FP-2000

**Product Code: 10149**

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

Features:

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

## ■ FP-2000S

**Product Code: 10392**

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

Features:

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

## ■ FP-2000T

**Product Code: 10317**

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

Features:

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

## ■ FP-2000TS

**Product Code: 10623**

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

Features:

- Under Process to be UL, KIWA, BSI, ActivFire 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 +54°C | Generators are provided complete with brackets

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E-mail: info@famcocorp.com

@famco\_group

Tel: ۰۲۱-۴۸۰۰۰۰۴۹

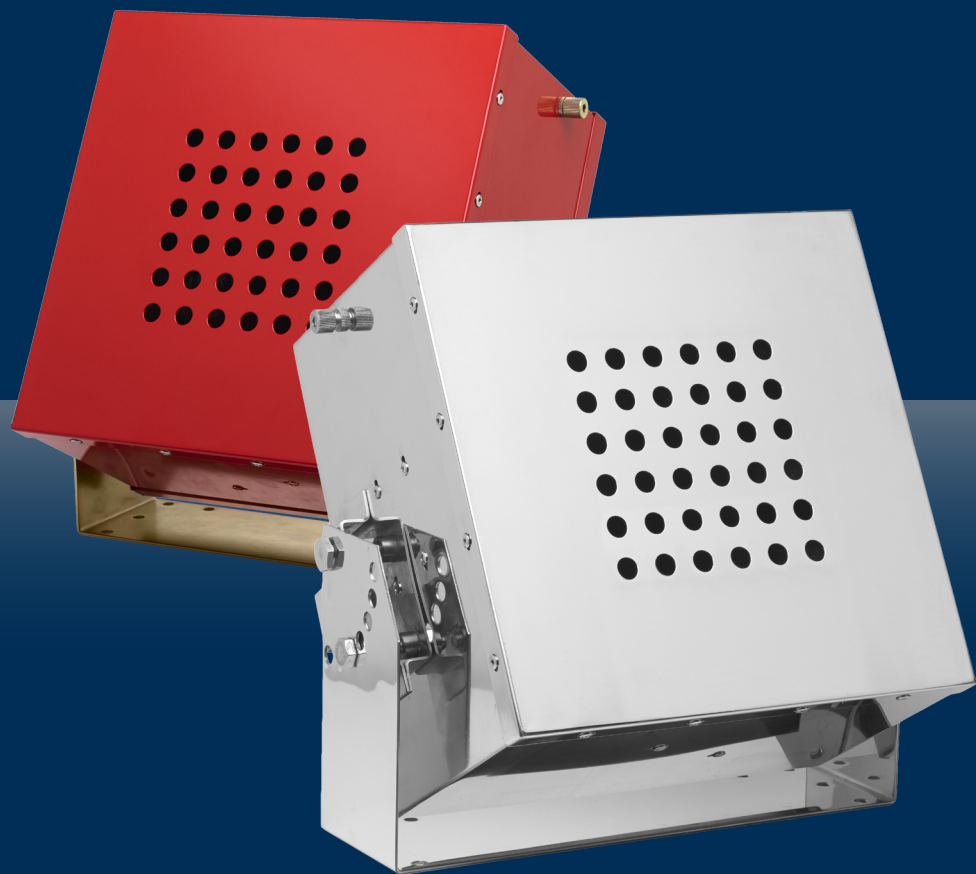
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# FP-3000



**FAMCO**  
هایپر صنعت

## ■ FP-3000

**Product Code: 10150**

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

**Features:**

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

## ■ FP-3000S

**Product Code: 10393**

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

**Features:**

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

## ■ FP-3000T

**Product Code: 10318**

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

**Features:**

- Under Process to be UL, KIWA, BSI, ActivFire 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:**

- Under Process to be UL, KIWA, BSI, ActivFire 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 mechanism</b>	Thermal Electrical (min 1.5V DC, 0.8A in 3-4 sec)
<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>	4 m
<b>Dimensions</b>	300 mm x 300 mm x 185 mm
<b>Fire class</b>	A, B, C, F

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

www.famcocorp.com

E-mail: info@famcocorp.com

@famco\_group

Tel: ۰۲۱-۴۸۰۰۰۰۴۹

Fax: ۰۲۱-۴۴۹۹۴۶۴۲

تهران، کیلومتر ۲۱ بزرگراه لشگری (جاده مخصوص کرج)

روبروی پالایشگاه نفت پارس، پلاک ۱۲

# FP-4200



www.famcocorp.com

E-mail: info@famcocorp.com

@famco\_group

Tel: ۰۲۱-۴۸۰۰۰۰۴۹

Fax: ۰۲۱-۴۴۹۹۴۶۴۲

# FAMCO

## هایپر صنعت

### ■ FP-4200T

**Product Code: 10338**

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

Features:

- KIWA Approved
- Under Process to be UL, BSI, ActivFire 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:

- KIWA Approved
- Under Process to be UL, BSI, ActivFire 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 +54°C | Generators are provided complete with brackets

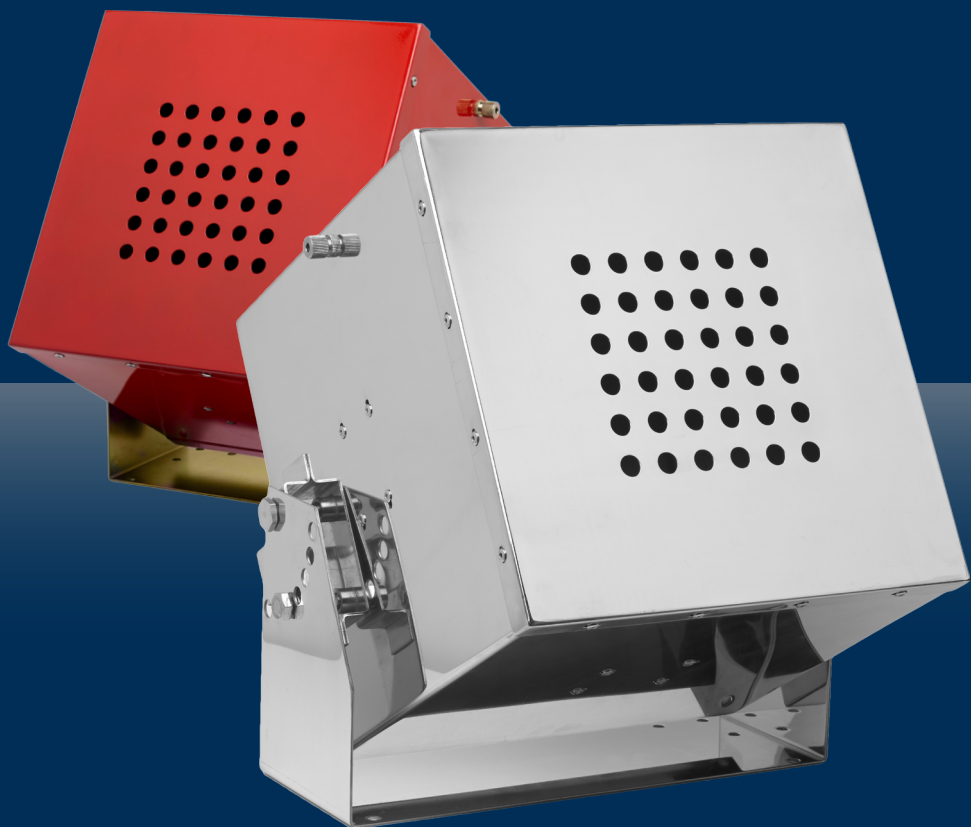
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# FP-5700

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## هایپر صنعت



www.famcocorp.com

E-mail: info@famcocorp.com

@famco\_group

Tel: ۰۲۱-۴۸۰۰۰۰۴۹

Fax: ۰۲۱-۴۴۹۹۴۶۴۲

### ■ FP-5700

**Product Code: 10151**

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

**Features:**

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

### ■ FP-5700S

**Product Code: 10394**

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

**Features:**

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

### ■ FP-5700T

**Product Code: 10319**

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

**Features:**

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

### ■ FP-5700TS

**Product Code: 10625**

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

**Features:**

- Under Process to be UL, KIWA, BSI, ActivFire 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 mechanism</b>	Thermal Electrical (min 1.5V DC, 0.8A in 3-4 sec)
<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 m
<b>Dimensions</b>	300 mm x 300 mm x 300 mm
<b>Fire class</b>	A, B, C, F

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

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The logo consists of a red square containing the text "FirePro." in a smaller font above "HERO" in a larger, bold font. A white horizontal line is positioned below the word "HERO".

FirePro.  
**HERO**

# HERO FP-1000M Datasheet

Issue January 2021  
Version 2.0



Reinventing  
**Fire Suppression**

# Overview

The FirePro HERO Manual Aerosol Generators are designed to assist trained First Responders such as firefighters, safety officers, the police and paramedics in mitigating the effects of a fire incident primarily to save lives and secondly to protect property.

These manually operated generators are currently adopted by national and private fire and rescue services worldwide as a vital part of a modern firefighting strategy. When deployed in an enclosure with no other suppression system present, the FirePro HERO products are proven to suppress or even extinguish a fire.

Suppressing a fire at its early stages will reduce the temperature inside the enclosure, allowing for the arrival of the fire brigade and rescue teams as well as for safe evacuation.

# Features

- Manual activation with an 8-second delay.
- Easy to use by trained personnel.
- Light and compact design.
- Environmentally friendly.
- Suitable for the following classes of fire:

## Fire Classifications

### As per EN



**A**  
Solid Combustible  
Materials



**B**  
Flammable  
Liquids



**C**  
Flammable  
Gases



**F**  
Cooking  
oils and fats

### As per NFPA



**A**  
Ordinary  
Combustibles



**B**  
Flammable Liquids  
and Gases



**C**  
Electrical  
Equipment

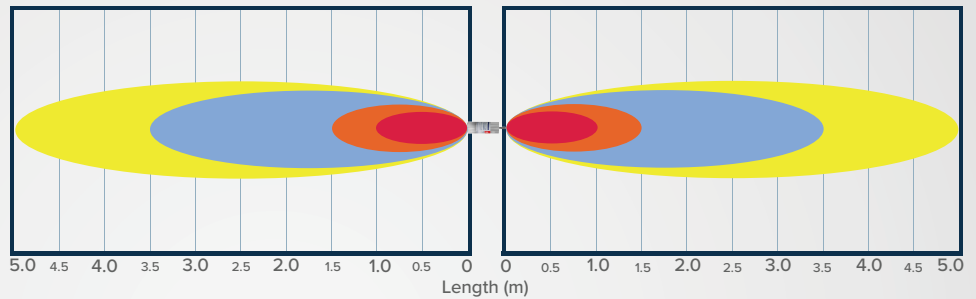
# FirePro HERO Manual Aerosol Generators



**CAUTION!**  
HOT DISCHARGE  
ON ACTIVATION!

## FP-1000M (Product code: 10146)

Type	Hot
Activation Method	Manual, by removing the activation pin
Activator type	HERO Manual Activator
Weight (gross)	2240 g
Mass of FPC compound	1000 g
Operational discharge time	10-15 seconds
Discharge outlets	2
Discharge length	5 m from either outlet
Minimum clearance from personnel	3.5 m from either outlet
Dimension ( Height: Outer Diameter )	200 mm : 84 mm
Fire class	A,B,C,F



### LEGEND

<span style="display:inline-block; width:15px; height:15px; background-color:yellow; border:1px solid black;"></span> Maximum discharge stream length	<span style="display:inline-block; width:15px; height:15px; background-color:red; border:1px solid black;"></span> Minimum clearance from construction structure (L1) > 400° C
<span style="display:inline-block; width:15px; height:15px; background-color:orange; border:1px solid black;"></span> Minimum clearance from combustible materials (L2) > 200° C	<span style="display:inline-block; width:15px; height:15px; background-color:blue; border:1px solid black;"></span> Minimum clearance from persons (L3) > 75° C

# FirePro HERO Accessories



## HERO Manual Activator (Product code: 10001)

**Note:** This item should be replaced every five (5) years.



## HERO Hand Case (Product code: 10856)

**Note:** This item does not include the HERO Manual aerosol generators.

## **DISCLAIMER**

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Any information provided by FirePro Systems, relevant to the system engineering of the project is indicative and for guidance purposes only. It is the contractor's responsibility to verify whether any circuit design is compatible with the equipment used in the system. Furthermore, the responsibility for the preparation and/ or approval of a project, subject to its specifications/ technical features and its related documentation, designs or drawings adherence (e.g. design documentation, construction, as-built drawings, circuit diagram, cable lengths and voltage drop calculations, etc.) to local, national and international laws and regulations, falls entirely within the scope of the contractor/ consultant assigned for the installation and commissioning.

## **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.

## **NOTE**

FirePro is constantly updating its products and systems to the state of the art and therefore reserves the right to make changes in design, equipment and technology. You cannot therefore base any claims on the data, illustrations or descriptions contained in this literature.

## **OPERATIONAL CLAUSE**

Product to be handled by professionals or trained individuals as the discharged aerosol is of elevated temperature and thus must be handled with care. Good firefighting practices should be applied under all circumstances.



FirePro Systems  
8 Faleas Street, CY-4101 Limassol, Cyprus - EU  
Tel.: +357 25 379999 | Fax: +357 25 354432 | Email: [mail@firepro.com](mailto:mail@firepro.com)  
[www.firepro.com](http://www.firepro.com)