



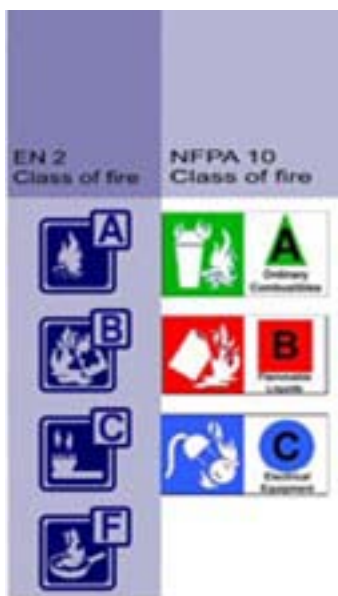
IPON SISTEM

General agent and importer
designing, Technical installation and
service

FirePro[®]

CATALOGUE

Aerosol generator for fire fighting



FirePro® FP-8 	TECHNICAL INFORMATION	
	Model FirePro®	FP-8
	Condition of aerosols	Hot
	How to activate	Thermal, thermal cord
	Electricity testing	-
	Gross weight	14 grams
	Weight net	8 grams
	Discharge time	3-6 seconds
	Exit openings	1
	Length of aerosol spray	0.5 m
	Dimensions	14 mm x 52 mm
	Temperature autoactivation	300°C
	Fire class SRPS EN2	A (solids) 0.11 m ³ B (liquid) 0.11 m ³ C (gas) 0.19 m ³ F (oils, greases) 0.08 m ³
	Possibility to use	
	Protection up to 0.1 m3 Video equipment Installations sound Measuring Equipment Low switching cabinets Transformers (small Computers, telephone centrale, projectors	El. cabinets Monitors, TVs amplifiers, mixing consoles, speakers mechanical elements, motors Relay and measuring cabinets portable welding machine cabinets

FirePro® FP-20S/SE 	TECHNICAL INFORMATION	
	Model FirePro®	FP-20
	Condition of aerosols	cold
	How to activate	Thermal, thermal cord Electric (6-36V D / C 0.8A in 3-4 sec)
	Activator type	Heater element electrical resistance of 2.3 ohms
	Electricity testing	a maximum of 5 mA.
	Gross weight	100 grams
	Weight net	20 grams
	Discharge time	3-6 seconds
	Exit openings	2
	Length of aerosol spray	0.3 m
	Dimensions	128 mm x 30 mm
	Temperature autoactivation	300°C
	Fire class SRPS EN2	A (solids) 0.17 m ³ B (liquid) 0.18 m ³ C (gas) 0.31 m ³ F (oils, greases) 0.12 m ³
	Possibility to use	
	Protection up to 0.2 m3 Video equipment Installations sound Measuring Equipment Low switching cabinets Transformers (small Computers, telephone centrale, projectors	El. cabinets Monitors, TVs amplifiers, mixing consoles, speakers mechanical elements, motors Relay and measuring cabinets portable welding machine cabinets

FirePro® FP- 40S 	TECHNICAL INFORMATION	
	Model FirePro®	FP-40S
	Condition of aerosols	cold
	How to activate	Thermal, thermal cord Electric (6-36V D / C 0.8A in 3-4 sec)
	Activator type	Heater element electrical resistance of 2.3 ohms
	Electricity testing	a maximum of 5 mA.
	Gross weight	610 grams
	Weight net	40 grams
	Discharge time	5-10 seconds
	Exit openings	2
	Length of aerosol spray	1,2 m
	Dimensions	140 mm x 51 mm
	Temperature autoactivation	300°C
	Fire class SRPS EN2	A, B, C, F
	Possibility to use	
	Protection up to 0.4 m3 Cabinets Installations sound Measuring Equipment Middle switchgear cabinets Transformers (medium)	Computers, telephone centrale, El. cabinets amplifiers, mixing consoles, speakers, mechanical, motors Relay and measuring cabinets less portable welding machine

FirePro® FP-80S 	TECHNICAL INFORMATION	
	Model FirePro®	FP-80
	Condition of aerosols	cold
	How to activate	Thermal, thermal cord Electric (6-36V D / C 0.8A in 3-4 sec)
	Activator type	Heater element electrical resistance of 2.3 ohms
	Electricity testing	a maximum of 5 mA.
	Gross weight	870 grams
	Weight net	80 grams
	Discharge time	5 - 10 seconds
	Exit openings	2
	Length of aerosol spray	2 m
	Dimensions	185 mm x 51 mm
	Temperature autoactivation	300°C
	Fire class SRPS EN2	A (solids) 0.67 m ³ B (liquid) 0.71 m ³ C (gas) 1.23 m ³ F (oils, greases) 0.49 m ³
	Possibility to use	
	Protection up to 0.4 m3 Cabinets Installations sound Measuring Equipment Middle switchgear cabinets Transformers (medium)	Computers, telephone centrale, El. cabinets amplifiers, mixing consoles, speakers, mechanical, motors Relay and measuring cabinets less portable welding machine

 FirePro® FP- 100S	TECHNICAL INFORMATION	
	Model FirePro®	FP-100S
	Condition of aerosols	cold
	How to activate	Thermal, thermal cord Electric (6-36V D / C 0.8A in 3-4 sec)
	Activator type	Heater element electrical resistance of 2.3 ohms
	Electricity testing	a maximum of 5 mA.
	Gross weight	1370 grams
	Weight net	100 grams
	Discharge time	5 -10 seconds
	Atomizer	opcija
	Exit openings	1
	Length of aerosol spray	1 m
	Dimensions	155 mm x 84 mm
	Temperature autoactivation	300°C
	Fire class SRPS EN2	A (solids) 0.88 m ³ B (liquid) 0.93 m ³ C (gas) 1.62 m ³ F (oils, greases) 0.64 m ³
Possibility to use		
	Protection up to 1 m3 The transport Warehouses Large switchgear In industry	Trucks, buses, trains, metro, trams cabinets, safes (safes), archives light bulb, the control unit various application areas

 FirePro® FP-200M	TECHNICAL INFORMATION	
	Model FirePro®	FP-200M
	Condition of aerosols	Cold
	How to activate	Manually by pulling a metal ring tied to the pin
	Activator type	Chemical element with a resistor of 1.5 Ohm
	Electricity testing	-
	Gross weight	1840 grams
	Weight net	200 grams
	Discharge time	5-10 seconds
	Exit openings	options
	Length of aerosol spray	1
	Dimensions	2 m
	Temperature autoactivation	185 mm x 84 mm
	Thermal activation cord	300 °C
	Fire class SRPS EN2	A (solids) 1.69 m ³ B (liquid) 1.80 m ³ C (gas) 3.13 m ³ F (oils, greases) 1.23 m ³
Possibility to use		
	Protection up to 2 m3 The transport Warehouses Large switchgear In industry	Trucks, buses, trains, metro, trams cabinets, safes (safes), archives light bulb, the control unit various application areas

FirePro® FP-200S 	TECHNICAL INFORMATION	
	Model FirePro®	FP- 200S
	Condition of aerosols	cold
	How to activate	Thermal, thermal cord Electric (6-36V D / C 0.8A in 3-4 sec) Heater element electrical resistance of 2.3 ohms
	Activator type	Thermal, thermal cord Electric (6-36V D / C 0.8A in 3-4 sec)
	Electricity testing	a maximum of 5 mA.
	Gross weight	1840 grams
	Weight net	200 grams
	Discharge time	5-10 seconds
	Atomizer	options
	Exit openings	1
	Length of aerosol spray	2 m
	Dimensions	185 mm x 84 mm
	Temperature autoactivation	300 °C
	Fire class SRPS EN2	A (solids) 1.69 m ³ B (liquid) 1.80 m ³ C (gas) 3.13 m ³ F (oils, greases) 1.23 m ³
	Possibility to use	
	Protection up to 2 m3 The transport Warehouses Large switchgear In industry	Trucks, buses, trains, metro, trams cabinets, safes (safes), archives light bulb, the control unit various application areas

 FirePro® FP- 500S	TECHNICAL INFORMATION	
	Model FirePro®	FP- 500S
	Condition of aerosols	cold
	How to activate	Thermal, thermal cord Electric (6-36V D / C 0.8A in 3-4 sec) Heater element electrical resistance of 2.3 ohms
	Activator type	Thermal, thermal cord Electric (6-36V D / C 0.8A in 3-4 sec)
	Electricity testing	a maximum of 5 mA.
	Gross weight	3340 grams
	Weight net	500 grams
	Discharge time	5-10 seconds
	Exit openings	1
	Length of aerosol spray	2,5 m
	Dimensions	295 mm x 84 mm
	Temperature autoactivation	300 °C
	Fire class SRPS EN2	A (solids) 4.38 m ³ B (liquid) 4.66 m ³ C (gas) 8.08 m ³ F (oils, greases) 3.19 m ³
Possibility to use		
	Protection up to 5 m3 The transport Warehouses Large switchgear In industry	Trucks, buses, trains, metro, trams cabinets, safes (safes), archives light bulb, the control unit various application areas

 FirePro® FP-1000M	TECHNICAL INFORMATION	
	Model FirePro®	FP-1000M
	Condition of aerosols	hot
	How to activate	Manually by pulling a metal ring tied to the pin
	Activator type	Chemical element with a resistor of 1.5 Ohm
	Electricity testing	-
	Gross weight	2240 grams
	Weight net	1000 grams
	Discharge time	20-25 seconds
	Exit openings	2
	Length of aerosol spray	3 m
	Dimensions	200 mm x 84 mm
	Temperature autoactivation	300 °C
	Thermal activation cord	-
	Fire class SRPS EN2	A (solids) 13.19 m ³ B (liquid) 14.05 m ³ C (gas) 24.36 m ³ F (oils, greases) 9.62 m ³
Possibility to use		
	Protection up to 12 m3 The transport Warehouses Large switchgear In industry	Only professional staff server room, containers Trucks, buses, trains, metro, trams cabinets, safes (safes), archives light bulb, the control unit various application areas

FirePro®

FP- 1200

TECHNICAL INFORMATION

Model FirePro®	FP- 1200
Condition of aerosols	cold
How to activate	Thermal, thermal cord Electric (6-36V D / C 0.8A in 3-4 sec) Heater element electrical resistance of 2.3 ohms
Activator type	Thermal, thermal cord Electric (6-36V D / C 0.8A in 3-4 sec)
Electricity testing	a maximum of 5 mA.
Gross weight	10900 grams
Weight net	1200 grams
Discharge time	10 -15 seconds
Exit openings	1
Length of aerosol spray	3,5 m
Dimensions	216 mm x 300 mm x 167 mm
Fire class SRPS EN2	A (solids) 10.83 m³ B (liquid) 11.54 m³ C (gas) 20.00 m³ F (oils, greases) 7.89 m³

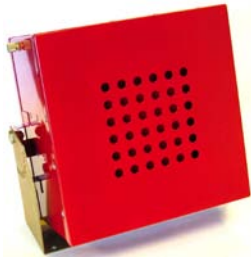
Possibility to use

• Zaštita prostora do 5 m3 • U prevozu • Skladišta , arhive • Radionice • Industrija	• Serverske sobe, kompjuterske sobe, upravljački pultovi, razno • Brodovi , vozovi, avioni • Mašinski prostor, postrojenja • Razno
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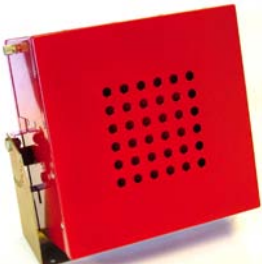
FirePro®

FP- 1200S

TECHNICAL INFORMATION		
Model FirePro®	FP- 1200S	
Condition of aerosols	cold	
How to activate	Thermal, thermal cord	
	Electric (6-36V D / C 0.8A in 3-4 sec)	
	Heater element electrical resistance of 2.3 ohms	
Activator type	Thermal, thermal cord	
	Electric (6-36V D / C 0.8A in 3-4 sec)	
Electricity testing	a maximum of 5 mA.	
Gross weight	10900 grams	
Weight net	1200 grams	
Discharge time	10 -15 seconds	
Exit openings	1	
Length of aerosol spray	3,5 m	
Dimensions	216 mm x 300 mm x 167 mm	
Fire class SRPS EN2	A (solids)	10.83 m ³
	B (liquid)	11.54 m ³
	C (gas)	20.00 m ³
	F (oils, greases)	7.89 m ³
Possibility to use		
Integrity of up to 5 m3 The transport Warehouses Workshops Industry		The server rooms, computer rooms, control consoles, miscellaneous Ships, trains, planes Storage, Archive Mechanical space, plant Miscellaneous

 FirePro® FP- 2000	TECHNICAL INFORMATION	
	Model FirePro®	FP- 2000
	Condition of aerosols	cold
	How to activate	Thermal, thermal cord Electric (6-36V D / C 0.8A in 3-4 sec) Heater element electrical resistance of 2.3 ohms
	Activator type	Thermal, thermal cord Electric (6-36V D / C 0.8A in 3-4 sec)
	Electricity testing	a maximum of 5 mA.
	Gross weight	15500 grams
	Weight net	2000 grams
	Discharge time	10 -15 seconds
	Exit openings	1
	Length of aerosol spray	3,5 m
	Dimensions	300 mm x 300 mm x 185 mm
	Temperature autoactivation	300 °C
	Fire class SRPS EN2	A (solids) 16.94 m ³ B (liquid) 18.05 m ³ C (gas) 31.28 m ³ F (oils, greases) 12.35 m ³
	Possibility to use	
	Integrity of up to 20 m3 The transport Warehouses Workshops Industry	The server rooms, computer rooms, control consoles, miscellaneous Ships, trains, planes Storage, Archive Mechanical space, plant Miscellaneous

 FirePro® FP- 2000S	TECHNICAL INFORMATION	
	Model FirePro®	FP- 2000S
	Condition of aerosols	cold
	How to activate	Thermal, thermal cord Electric (6-36V D / C 0.8A in 3-4 sec) Heater element electrical resistance of 2.3 ohms
	Activator type	Thermal, thermal cord Electric (6-36V D / C 0.8A in 3-4 sec)
	Electricity testing	a maximum of 5 mA.
	Gross weight	15500 grams
	Weight net	2000 grams
	Discharge time	10 -15 seconds
	Exit openings	1
	Length of aerosol spray	3,5 m
	Dimensions	300 mm x 300 mm x 185 mm
	Temperature autoactivation	300 °C
	Fire class SRPS EN2	A (solids) 16.94 m ³ B (liquid) 18.05 m ³ C (gas) 31.28 m ³ F (oils, greases) 12.35 m ³
	Possibility to use	
	Integrity of up to 20 m3 The transport Warehouses Workshops Industry	The server rooms, computer rooms, control consoles, miscellaneous Ships, trains, planes Storage, Archive Mechanical space, plant Miscellaneous

FirePro® FP- 3000 	TECHNICAL INFORMATION	
	Model FirePro®	FP- 3000
	Condition of aerosols	cold
	How to activate	Thermal, thermal cord Electric (6-36V D / C 0.8A in 3-4 sec) Heater element electrical resistance of 2.3 ohms
	Activator type	Thermal, thermal cord Electric (6-36V D / C 0.8A in 3-4 sec)
	Electricity testing	a maximum of 5 mA.
	Gross weight	16300 grams
	Weight net	3000 grams
	Discharge time	15 -20 seconds
	Exit openings	1
	Length of aerosol spray	4 m
	Dimensions	300 mm x 300 mm x 185 mm
	Temperature autoactivation	300 °C
	Fire class SRPS EN2	A (solids) 25.83 m ³ B (liquid) 27.51 m ³ C (gas) 47.69 m ³ F (oils, greases) 18.83 m ³
	Possibility to use	
	Integrity of up to 30 m3 The transport Warehouses Workshops Industry	The server rooms, computer rooms, control consoles, miscellaneous Ships, trains, planes Storage, Archive Mechanical space, plant Miscellaneous

FirePro® FP- 3000 	TECHNICAL INFORMATION	
	Model FirePro®	FP- 3000S
	Condition of aerosols	cold
	How to activate	Thermal, thermal cord Electric (6-36V D / C 0.8A in 3-4 sec) Heater element electrical resistance of 2.3 ohms
	Activator type	Thermal, thermal cord Electric (6-36V D / C 0.8A in 3-4 sec)
	Electricity testing	a maximum of 5 mA..
	Gross weight	16300 grams
	Weight net	3000 grams
	Discharge time	15 -20 seconds
	Exit openings	1
	Length of aerosol spray	4 m
	Dimensions	300 mm x 300 mm x 185 mm
	Temperature autoactivation	300 °C
	Fire class SRPS EN2	A (solids) 25.83 m ³ B (liquid) 27.51 m ³ C (gas) 47.69 m ³ F (oils, greases) 18.83 m ³
	Possibility to use	
	Integrity of up to 30 m3 The transport Warehouses Workshops Industry	The server rooms, computer rooms, control consoles, miscellaneous Ships, trains, planes Storage, Archive Mechanical space, plant Miscellaneous

FirePro® FP- 5700S 	TECHNICAL INFORMATION	
	<i>Model FirePro®</i>	FP- 5700S
	<i>Condition of aerosols</i>	cold
	<i>How to activate</i>	Thermal, thermal cord Electric (6-36V D / C 0.8A in 3-4 sec) Heater element electrical resistance of 2.3 ohms
	<i>Activator type</i>	Thermal, thermal cord Electric (6-36V D / C 0.8A in 3-4 sec)
	<i>Electricity testing</i>	a maximum of 5 mA..
	<i>Gross weight</i>	26400 grams
	<i>Weight net</i>	5700 grams
	<i>Discharge time</i>	15 -20 seconds
	<i>Exit openings</i>	1
	<i>Length of aerosol spray</i>	8 m
	<i>Dimensions</i>	300 mm x 300 mm x 300 mm
	<i>Temperature autoactivation</i>	300 °C
	<i>Fire class SRPS EN2</i>	A (solids) 46.71 m3 B (liquid) 49.75 m3 C (gas) 86.23 m3 F (oils, greases) 34.04 m3
	Possibility to use	
	Integrity of up to 50 m3 The transport Warehouses Workshops Industry	The server rooms, computer rooms, control consoles, miscellaneous Ships, trains, planes Storage, Archive Mechanical space, plant Miscellaneous

FirePro® 19" PCSU FP-200/A2 	TECHNICAL INFORMATION	
	Model <i>FirePro®</i>	19 "PATCH PANEL unit FP-200 / A2
	Need electric power	230 V
	Model <i>FirePro®</i> unutarnji	FP-200 Cold
	The mass the the masses extinguishing	146 grams effectively
	Detection system	Two optical / ionization smoke detector. At the request can be integrated thermal detector T 58 ° C
	Standard controls	Continuous monitoring of cables, a maximum of 5 mA Automatic shutdown forced ventilation Potential-free contact Delay activation for 5, 15, 30 seconds
	Discharge time	10 -15 seconds
	Exit openings	1
	Length of aerosol spray	± 2,000 mm
	Dimensions without the front panel	V x Š x D: 140 mm x 430 mm x 450 mm
	Weight	9700 grams
	Fire class SRPS EN2	A, B, C, F
	For more information	Instructions for use with each product
	Possibility to use	
	Electronic equipment enclosure with a maximum volume of 2 m3, such as:	19 "PATCH housing
		Calling centrale

FirePro® 19" PCSU FP-200/A2 	TECHNICAL INFORMATION	
	Model FirePro®	19 "PATCH PANEL unit FP-200 / A2
	Need electric power	230 V
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	Discharge time	10 -15 seconds
	Exit openings	1
	Length of aerosol spray	± 2,000 mm
	Dimensions without the front panel	V x Š x D: 140 mm x 430 mm x 450 mm
	Weight	9700 grams
	Fire class SRPS EN2	A, B, C, F
	For more information	Instructions for use with each product
	Possibility to use	
	Electronic equipment enclosure with a maximum volume of 2 m3, such as:	19 "PATCH housing Calling centrale

FirePro® Bulb Thermal Actuator FP-BTA



TECHNICAL INFORMATION

- According to BSEN12259, UL199, LPCB 291a/02
- Thermal Actuator consists of (a) Thermo Lock with Glass Retort, (b) Spring Transmission of percussive mechanism, which initiates the capsule, (c) Safety Ring and Pin during transportation
- Temperature Rating, °C, 57, 68, 79, 93, 141, 182
- Temperature Tolerance, $\pm 3.5\%$
- Bulb Colours, orange, red, yellow, green, blue, mauve, depending on temperature rating
- 5 mm diameter frangible glass bulb manufactured from a stock 5 mm tube
- During operation the liquid within the bulb will expand until the required operational temperature is reached. At this point the glass bulb will 'burst', allowing the thermal mechanism to actuate the built-in firing pin, which in turn initiates the capsule, and causes ignition of the SBK solid compound in Generator activator
- Strength (Crush Load), kN, 4.0 (LTL Typical 3.0 kN)
- Typical Operating Time, 28 sec (UL)
- Typical RTi, 87 (EN)
- Precise calibration of the bulbs during production enables accurate operating temperatures to be achieved
- The surface area of the glass is maximised to allow optimum conductivity of heat from surrounding air to bulb liquid

SUITABLE FOR: electrical panels/cabinets, computer/server/electrical rooms, generator/boiler rooms, boat engine compartments, obstructive accessible areas, etc.

NOTE: ALWAYS RECOMMEND OPTIMUM SOLUTION

area	°c	color
	57	orange
	68	red
	79	yellow
	93	green
	141	blue
	182	purple

tolerance $\pm 3.5\%$