



FirePro.

HERO V2

User Manual

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Version 1.0



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. The FirePro HERO products are deployed in enclosed spaces where other suppression system may not be present, 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 2



A
Solid Combustible
Materials



B
Flammable
Liquids



C
Flammable
Gases



F
Cooking
oils and fats

As per NFPA 10



A
Ordinary
Combustibles



B
Flammable Liquids
and Gases



C
Electrical
Equipment

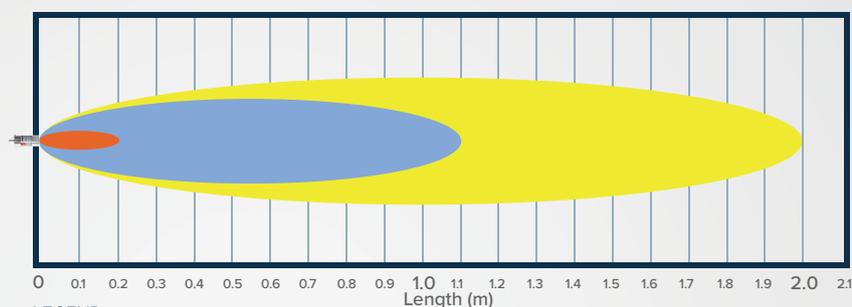
FirePro HERO Manual Aerosol Generators



CAUTION!
HOT DISCHARGE
ON ACTIVATION!

FP-200M V2 (Product code: 11406)

Activator mechanism	Manual, by removing the activation pin
Activator type	HERO V2 Manual Activator
Weight (gross)	1620 g
Mass of FPC compound	200 g
Operational discharge time	15-20 seconds
Discharge outlets	1
Discharge length	2 m
Minimum clearance from personnel	1.1 m
Dimensions (Height: Outer Diameter)	150 mm : 84 mm



LEGEND

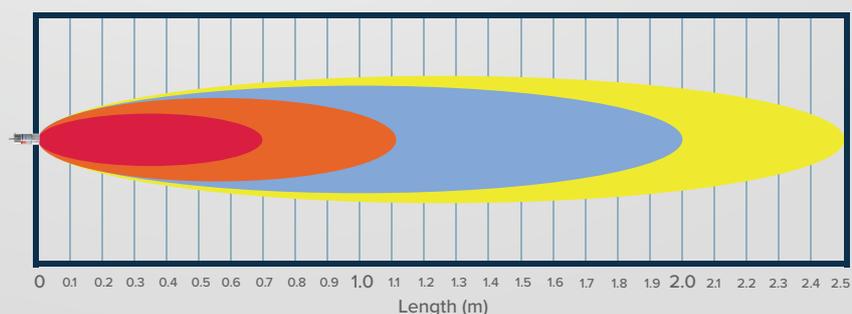
Maximum discharge stream length	Minimum clearance from construction structure (L1) > 400° C
Minimum clearance from combustible materials (L2) > 200° C	Minimum clearance from persons (L3) > 75° C

FP-500M V2 (Product code: 11407)

Activator mechanism	Manual, by removing the activation pin
Activator type	HERO V2 Manual Activator
Weight (gross)	1910 g
Mass of FPC compound	500 g
Operational discharge time	10-15 seconds
Discharge outlets	1
Discharge length	2.5 m
Minimum clearance from personnel	2.0 m
Dimensions (Height: Outer Diameter)	150 mm : 84 mm



CAUTION!
HOT DISCHARGE
ON ACTIVATION!



LEGEND

Maximum discharge stream length	Minimum clearance from construction structure (L1) > 400° C
Minimum clearance from combustible materials (L2) > 200° C	Minimum clearance from persons (L3) > 75° C

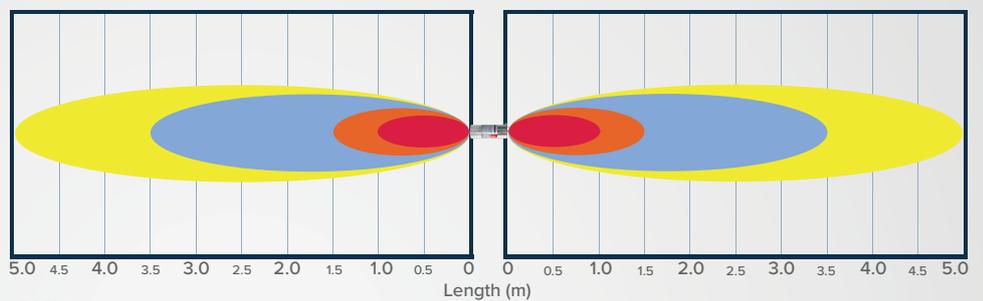
FirePro HERO Manual Aerosol Generators



CAUTION!
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FP-1000M V2 (Product code: 11408)

Activator mechanism	Manual, by removing the activation pin
Activator type	HERO V2 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
Dimensions (Height: Outer Diameter)	200 mm : 84 mm



LEGEND

 Maximum discharge stream length	 Minimum clearance from construction structure (L1) > 400° C
 Minimum clearance from combustible materials (L2) > 200° C	 Minimum clearance from persons (L3) > 75° C

FirePro HERO Accessories



HERO V2 Manual Activator (Product code: 11325)

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

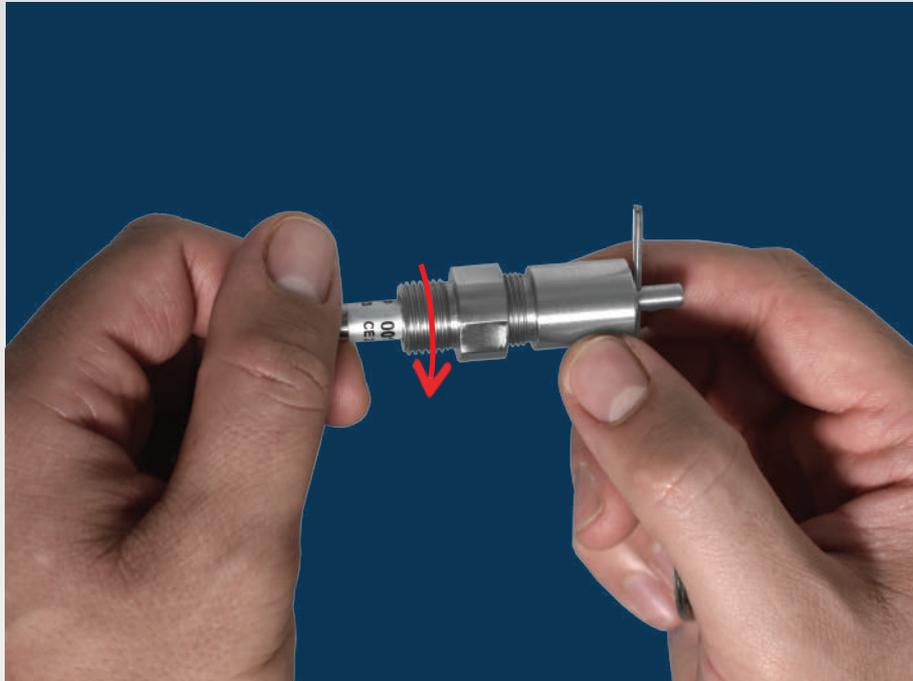


HERO Hand Case (Product code: 10856)

Note: This item does not include the HERO V2 Manual aerosol generators.

User Instructions - Assembly stage (Pre-deployment)

Step 1: Interface the Hero V2 Manual Activator (HMA-V2) with the initiation mechanism.



Caution: Do not pull or remove the actuation ring.

Note: The HMA-V2 are delivered in aluminium housings. Use a flat head screwdriver or a coin to unscrew the threaded end caps from the main tube. Unscrew by hand the HMA-V2 from the end caps and proceed as normal with the installation.



Step 2: Remove the sticker from the top cover of the HERO V2 Manual Aerosol Generators to access the activator interface socket.



Step 3: Carefully interface the HMA-V2 to the HERO V2 Manual Aerosol Generators without removing the actuating ring.



User Instructions - Deployment Stage

Step 4: Evaluate the danger from the fire hazard to minimize your exposure to fire, and establish a safe distance from which to roll/throw the generator.

Step 5: Based on fire intensity and according to the training and experience of the operator, the appropriate quantity of HERO V2 Manual Aerosol Generators should be used to achieve the fire suppression.

Step 6: Tightly grip the HERO V2 Manual Aerosol Generator and pull the actuation ring sideways (in the direction of the arrow as shown in the below diagram) with a single sudden steady action. This activates the HMA-V2 delay countdown.



WARNING:

The HERO V2 Manual aerosol generator will activate in approximately 8 seconds.

Step 7: Maintain a safe distance from the fire and roll the HERO V2 Manual Aerosol Generator inside the enclosed space, preferably as close to the fire source as possible.

Note: Ensure that the minimum clearance distances are kept between the aerosol discharge point(s) and personnel, combustible materials and the construction structure.

Step 8: Close any openings in the affected enclosure to prevent aerosol from escaping. In case that fire is not suppressed sufficiently use additional HERO V2 Manual Aerosol Generators.

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NOTE

FirePro Systems 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.



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