



$$M = V \times K0 \times K1 \times K2 \times K3 \times K4 \times q$$

- M** = Net weight of the extinguishing material
- V** = Gross Volume protected (m³)
- K0** = Class of Fire (A=1,B=0,5,C=0,75,E=1,3)
- K1** = Uniformity of dispersion coefficient
- K2** = Loss of aerosol coefficient (open doors, windows, ventilation, etc.)
- K3** = Safety coefficient by NFPA
- K4** = Maximum protection after extinguishing
- q** = Efficiency coefficient depending on the extinguishing unit.
(automaticly in formula)

In grams pro cubic metres

In cubic metres

A=1;B=0,5;C=0,75;E=1,3.

(1 - 1,1 - 1,2).

(1 - 1,1 - 1,2).

(1,2).

Refer diagram 1.

Refer diagram 2.

K0 = 0,5

K1 = 1,2

K2 = 1,1

K3 = 1,2

K4 = 1

Overcapacity = 0%

Degree of filling = 0%

Dimensions:

Length (m)	Breadth (m)	Height (m)	Surface (m ²)	Volume (m ³)
2,47	3,65	1,2	9,0155	10,8186

FirePro®

Minimum amount aerosol required	q =	q =	q =	Protection (min.)	
	30 gr/m ³	40 gr/m ³	60 gr/m ³		
	193	257	386		1
	218	291	437		5
	231	308	463		15
	257	343	514		30
	296	394	591		45
	321	428	643		55
	360	480	720		70
	398	531	797		85
424	566	848	100		



Diagram 1	
Time min.	K4
1	0,75
5	0,85
15	0,9
30	1
45	1,15
55	1,25
70	1,4
85	1,55
100	1,65

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Diagram 2	
Type FP	q (gr/m ³)
FP-8	30
FP-20	60
FP-20T	60
FP-100	40
FP-200M	40
FP-200	40
FP-500	40
FP-1000M	30
FP-1200H	30
FP-1200C	40
FP-3000	60
FP-6300	30
FP-6300C	60

Notes	Fire-Pro systems for boat.
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