

Mobile foam unit

Description:

It is an indispensable antfire in sites with a great amount of materials such as wood, paper, woven, inflammable liquids. The water from the pillar hydrant or from landing valve flows through the mixer that with a venturi effect, injects the foam compound, while the foam aspirating nozzle it throws the mixture of water foam on the fire with greatest efficiency. This is a very powerful fire fighting equipment because have a maximum range until 30 minutes. It has a power of remarkable extinction, in fact with a drum of 200 litres produces foam equivalent at 120 trolley fire extinguishers 50 lt.

AFFF is very powerful. As example 50 liters foam wheeled extinguisher with discharge time of 42 sec. extinguishes a Fire test 233 B 3 mt diameter filled up with benzine in approximately 10 second.
The foam floats on the inflammable liquids, reducing the combustible gas formation, covering the surface and protect this from the heat avoiding flash back and,
 It cools remarkably the solid materials.

The low expansion foam nozzle is suitable for every type of foam liquids, renders approximately 8 times the volume of the water and throws the foam to great distances, while the medium expansion foam nozzle is used exclusive with

synthetic foam liquids, it render until 70 times the volume, and have a jet inferior because the produced foam is much length.

Supplied complete of:

- n° 1 mt 10 hose (connection from pillar Hydrant to foam mixer)
- n° 1 mt 20 (connection from foam mixer to the foam nozzle)
- n° 1 Foam mixer
- n° 1 Stainless steel foam branchpipe n° 1 Foam plastic tank and trolley. From the pillar hydrant the optimal pressure of the water is 8 bars. The **AFFF, Acqueous Film Forming Foam** type is used alone with low expansion foam nozzle, is unsurpassable on fires of inflammable liquids surface, forms a floating film that prevents the relighting.
- The **proteinic foam** is much economic, it is used alone with low expansion foam nozzle and is suitable for every type of fires. The **synthetic foam** it can be used with both nozzles and is suitable to every type of fire.
- Can be used also branchpipe water nozzles with a variable jet with excellent result.
- For fires products made up of polar alcohols and dissolvents are necessary specific foam like to Fluoroproteinic AR., Universal A.R., AFFF. AR., FFFP. A.R..

Following parts :

Pos.	Description	Q.ty
1	Fire hose mt 10 with coupling **	1
2	Foam mixer with dip tube	1
3	Drum with rack	1
4	Fire hose mt 20 with coupling **	1
5	Nozzle foam	1

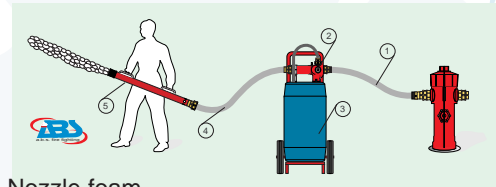
Standard mixer is supplied with 6% aspirating bore (3% on request)
 * code 80213 and 80223 Adjustable foam mixer with dip tube

Minimum required pressure 3,5 bar, suggested 8 bar

Code	size	Drum	Foam	Nozzle	Nozzle
	cap. It	type	type	[L/min]	
80111	G.2"	100	AFFF	Low	200
80121	G.2"	200	AFFF	Low	200
80114	G.2"	100	AFFF	Low	400
80126	G.2"	200	AFFF	Low	400
80112	G.2"	100	Proteinic	Low	200
80122	G.2"	200	Proteinic	Low	200
80115	G.2"	100	Proteinic	Low	400
80124	G.2"	200	Proteinic	Low	400
80116	G.2"	100	Fluoroprotein	Low	200
80117	G.2"	100	Fluoroprotein	Low	400
80118	G.2"	200	Fluoroprotein	Low	200
80119	G.2"	200	Fluoroprotein	Low	400
80113	G.2"	100	Universal	Low	200
80123	G.2"	200	Universal	Low	200
80120	G.2"	100	Universal	Low	400
80125	G.2"	200	Universal	Low	400
80211	G.2"	100	Syntetic	Medium	200
80221	G.2"	200	Syntetic	Medium	200
80212	G.2"	100	Syntetic	Medium	400
80222	G.2"	200	Syntetic	Medium	400

Mobile foam unit	(H) mm	(L) mm	(P) mm	weight kg
Drum 100 lt	1200	600	1200	150
Drum 200 Lt	1350	750	1400	265

when the water pressure is lower than 3,5 bar is suggest optional use on line motorpump code 98604, 98605 to rise the pressure



Nozzle foam
 Medium expansion 1:70
 size G.2" for 200l/min
 size G.2½" for 400l/min

**Foam mixer 6% size G.2"



**Nozzle foam low expansion 1:8 size G.2"

couplings according to customer request: Storz, BSS, Afnor, others....