

Data Sheet



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Mobile Foam Unit – 100 and 200 L



example with
low expansion lance



example with
medium expansion lance

Note: image is for illustrative purpose only

GENERAL DESCRIPTION

The mobile foam units are suitable for medium and large fires, in A-B fire rating (solid materials, flammable liquids).

One hose DN 45 or DN 70 20 meters is connect to a fire hydrant column or to an external water source, this allow to dispense a mix of water and concentrate foam, with variable mixing ratio from 1% to 6%.

The mobile foam units have an autonomy of ~ 15 minutes with 100 L drum, or ~ 30 minutes with 200 L drum, with mixing ratio 3%.

Jet distance ~ 20 m.

With 100 L drum : up to 200 m³ foam output in ~15 minutes with 2000 m² coverage area.

With 200 L drum : up to 400 m³ foam output in ~30 minutes with 4000 m² coverage area.

SPARE PARTS

- steel frame, painting Red Ral 3000, suitable for holding 100/200 L drums
- nr. 2 hoses DN 45 or DN 70, 20 m, compliant to UNI EN 14540 (DN 45) compliant to UNI 9487 (DN 70);
- variable effect mixer 1-6%, Venturi type;
- Inox lance, low or medium expansion;
- universal wrench for tightening fittings and opening fire hydrant column;
- Waterproof PVC hose box.

• USE

Minimum working pressure : 4 Bar.
Ideal working pressure : 5-12 Bar.

• BRACKET

Frame on wheels, painting Red Ral 3000.

REPRODUCTION IS PROHIBITED

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Mobile Foam Unit – 100 and 200 L

TECHNICAL SPECIFICATIONS

FIRE RATING	A B
EXTINGUISHING	To be chosen separately
WORKING TEMP.	See foam type
NOMINAL CHARGE	100 L / 200 L
DRUM MATERIAL	PVC

MAX FRAME DIMENSION	Height ~ 1360 +/- 10 mm Width ~ 750 +/- 10 mm Depth ~ 1120 +/- 10 mm
MIX RATIO	from 1% to 6 %
PACKAGING	1 piece on pallet 80x120x150

Mobile Foam Unit Choice

1) FRAME TYPE

CODE	DESCRIPTION	WEIGHT
1692-1	DN 45 Low Expansion Lance	~ 46,5 Kg
1692-2	DN 45 Medium Expansion Lance	~ 49,5 Kg

CODE	DESCRIPTION	WEIGHT
1692-3	DN 70 Low Expansion Lance	~ 56,5 Kg
1692-4	DN 70 Medium Expansion Lance	~ 59,5 Kg

MAIN SPARE PARTS

POS.	DESCRIPTION	COD.
1	Frame without components	1692
2	Wheel diam. 400 mm (0125) + Thick washer (2148-10) + Cotter pin stop wheel (9443)	
3	Hose DN 45 DN 804, 20 m	0614LL
	Hose DN 70 DN 804, 20 m	0627
4	Wrench for hydrant	1273
5	Mixer DN 45	0404
	Mixer DN 70	0454
	Low Expansion Lance DN 45	0450
	Low Expansion Lance DN 70	0451
	Medium Expansion Lance DN 45	0452
	Medium Expansion Lance DN 70	0409



Drum dimensions : 100L H ~ 750 mm ; Ø ~ 500 mm
200L H ~ 910 mm ; Ø ~ 580 mm

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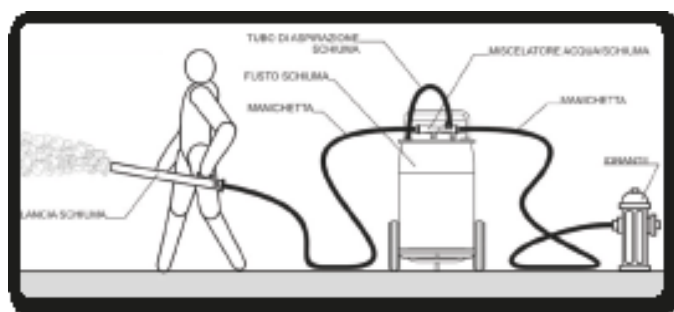
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Mobile Foam Unit – 100 and 200 L

INSTRUCTIONS FOR USE

It is recommended that at least two trained operators be used.

1. Connect the hose to the hydrant
2. Connect the hoses to the mixer and adjust the mixture (1–6%) using the knob on the mixer
3. Insert the dip tube into the foam concentrate drum, opening the seal on the drum and connecting the dip tube to the top of the mixer
4. Connect the spray lance to the hose
5. Open the above-ground hydrant to start dispensing water



APPLICATION

Mobile units are suitable for large Class A–B fires involving both solid products and flammable liquids.

Always check the instructions for the extinguishing agent installed in the unit.

The unit allows the foaming liquid to be dispensed through a discharge nozzle with a range of at least 20 metres or more, equal to the length of the hose installed.

For correct operation, ensure that you have a minimum flow rate of 5 bar.

INSTALLATION AND MAINTENANCE

For outdoor or naval installations, it is recommended to protect with covers.

Maintenance : Carry out checks on the fire hoses as per current regulations; for the foam, follow the manufacturer's instructions for checks/replacements.

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