

Foam Mixer

DESCRIPTION

The mixer works on the Venturi principle. It is indicated to work with nozzles and with various types of foam low and high expansion generators.

The mixer constantly sucks concentrated liquid foam in percentage from 3 to 6% mixing steadily with water.

The minimal pressure of operation is 3,5 bar, optimal 8 bar, while their pressure loss is approximately 25% of the water pressure.

The model with adjustable calibration enable aspiration from 1% to 6%.

The fix' mixer body is made in aluminium alloy (81102) or (81302) it is standard.

Supplied with 3% rate and optional on 6%.

HOW TO USE THE FOAM MIXER

Connect the inlet foam mixer to a motor pump or an hydrant (1) with a hose (2).

Connect hose (4) complete with branchpipe (5) the outlet of the foam mixer.

The foam will be aspirate from the foam canister (7) by a suction pipe (6) connected to the foam mixer.

The aspiration of the foam from the canister will be made with the flow of the water made by Venturi concept.

The branchpipe will mix the water foam solution with proteinic and syntetic to obtain a good fire fighting foam.

Foam mixer can be use with all kind of foam.

Foam mixer must be combined always to a foam branchpipe or other apparatus with the same nominal flow branchpipe with a lower flow dose not work, while in opposite case can have a lower efficiency.

Mixer is suitable to be used also with sea water.

After use wash with fresh non saltywater.

Code	L mm	Flow l/min at 5 bar	Working pressure bar	Loss pressure a 8 bar	Weight kg	Connection IN OUT
81102	330	200	5 - 12	30%	3.3	2"
81302	330	400	5 - 12	30%	3.6	2"
81201	350	200	5 - 12	25%	4.5	2"
81401	400	400	5 - 12	25%	5	2"

When ordering specify your coupling size and type

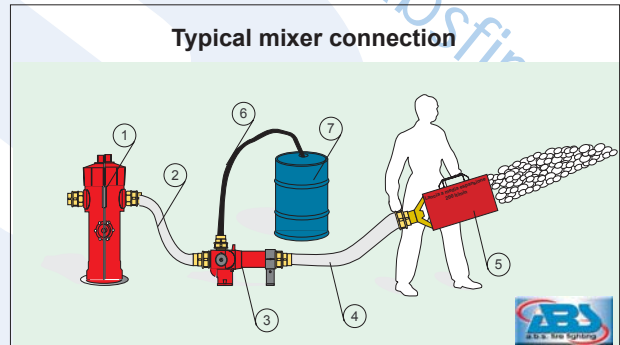
Couplings available



All mixer are supplied with dip tube and filter
Foam mixer fixed suction 3% (6% on request)



Code 81102 - 81302



Totally freedom of movement with foam branchpipe.

Pos.	Typical description for mixer connection
1	Hydrant
2	Connection hose between mixer and hydrant
3	Venturi Mixer
4	Connection hose between mixer and branchpipe
5	Branchpipe
6	Suction pipe
7	Foam bin

Use only with branchpipe same flow rate

Foam mixer adjustable suction from 1% to 6%



Code 81201 - 81401