

foam generation - MF140 mobile

General description

The Macron MF140 is a rugged mobile unit designed for one-man operation in the application of low and medium expansion foam. The SK 140 can deliver all types of foam concentrate to match the risk being protected and when used in conjunction with a medium expansion foam solution, the unit is an excellent tool for applying vapour suppressing foams.

Application description

Ideal for the protection of oil storage and loading terminals, paint and solvent stores, boiler rooms, ships' engine rooms, helipads, oil rigs and similar high risk locations.

Alternative Fittings

Any low or medium expansion foam branchpipe can be used, along with a variable rate foam inductor. Alternatively, water spray branches can be supplied for use with film forming foam concentrates. International hose couplings can be supplied to customer's requirements.

Marine version includes gunmetal inductors, stainless steel branchpipe and chassis.



Performance

The performance of the MF140 is dependent both on the inlet pressure and the foam branchpipe selected. Refer to the technical table for more information.

Product features

- One man operation
- Large diameter fill cap
- Suitable for all types of foams
- Maintenance free solid rubber wheels
- Corrosion resistant body, painted steel frame
- 140 litre capacity chemically-resistant polyethylene tank
- Marine version available
- Fitted with 2 x 15 metre lengths of Viking fire hose as standard



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MACRON

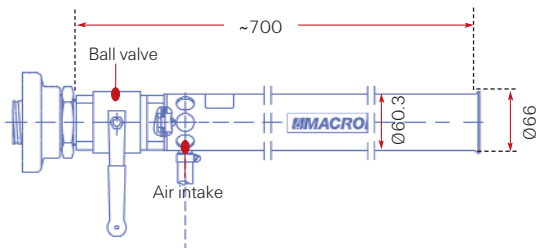
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Low Expansion Foam Branchpipes

The low expansion foam branchpipe MLR-40A is a portable, lightweight, stainless steel branchpipe, designed for an optimum combination of foaming and jet range, using all types of foam concentrate.

Construction

Stainless steel and polyurethane construction for corrosion-resistant life. Lightweight nozzles and coupling with a strainer to prevent blockage by water-borne particulates.



Performance Data				
MLR-40 A				
Foam expansion ratio: Up to 15:1				
Type	Water capacity (l/min)	Inlet pressure (bar)	Foam mixing (%)	Reaction force (N)
MLR-40 A	200	5	-	104
MLR-40 A	400	5	-	208
1 bar = 0,1 MPa = 14.5 psi		Other capacities available on request		

Technical Data	
MLR-40 A	
Operating pressure	5 bar
Nozzle flow	200 / 400 lpm
Expansion rate to a max. of	15:1
Throw approx.	22 / 26 m
Quantity of foam/min. approx.	3 / 6 m ³
External coupling thread	1 1/2" BSP
Length	700mm
Diameter	60mm
Weight approx.	3.2kg

Medium Expansion Foam Branchpipes

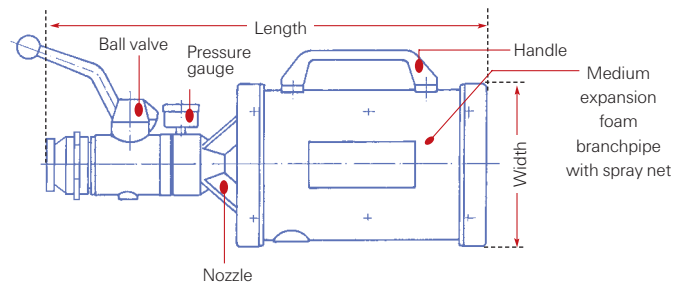
Medium expansion branchpipes capable of producing large quantities of foam with low water usage. Performs with high expansion flouropoteins, multi-purpose FFFP and ARC concentrates.

Construction

Stainless steel and polyurethane construction for corrosion-resistant life. Lightweight nozzles and coupling with a strainer to prevent blockage by water-borne particulates.



Technical Data		
MRM	200P	400P
Operating pressure	5 bar	5 bar
Nozzle flow	200 lpm	400 lpm
Expansion rate to a max. of	50:1	50:1
Throw approx.	8 m	10 m
Quantity of foam/min. approx.	10 m ³	20 m ³
External coupling thread	2" BSP	2" BSP
Length	520 mm	610mm
Diameter	185 mm	260mm
Weight approx.	3.5 kg	4.1kg



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