

## Stationary Medium Expansion Foam Generator MRM

### Features

- Stainless steel body
- Hot-dipped slip-on galvanised flange and brass nozzle
- Easy installation with DIN or ANSI flanges
- Suitable for indoor and outdoor use
- Flow rates up to 2,000 Lpm (528 gpm)

### Description

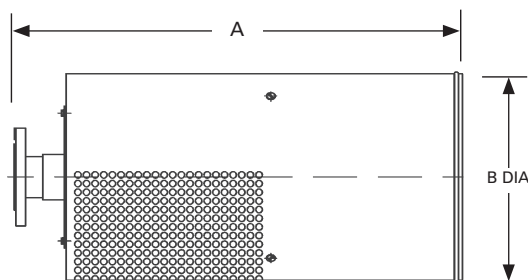
The MRM is a medium expansion foam generator intended for use in fixed system applications. Corrosion-resistant construction makes the MRM well suited for use in a variety of environments.

### Application

The MRM can be used in any fixed system application requiring medium expansion foam such as bunded areas, under dock protection, basins, and loading facilities.

### Connections

Flanged to fit DIN PN16 or ANSI B 150 lb



For Dimension A and B, please see table on back

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### Ordering Information

When ordering, please specify the part number, size, connection, and capacity.

Part No	Description
102105114	MRM-50 DIN 200 Lpm
102105212	MRM-50 DIN 400 Lpm
102105163	MRM-50 ANSI 200 Lpm
102105261	MRM-50 ANSI 400 Lpm
102106110	MRM-65 DIN
102106215	MRM-65 ANSI
102108112	MRM-80 DIN
102108117	MRM-80 ANSI

## Performance Data

MRM	50F - 200		50F - 400		65F		80F	
Inlet pressure*	3 bar (43.5 psi)	5 bar (72.5 psi)	3 bar (43.5 psi)	5 bar (72.5 psi)	3 bar (43.5 psi)	5 bar (72.5 psi)	3 bar (43.5 psi)	5 bar (72.5 psi)
Water capacity	155 Lpm (41 gpm)	200 Lpm (52 gpm)	310 Lpm (82 gpm)	400 Lpm (106 gpm)	620 Lpm (164 gpm)	800 Lpm (211 gpm)	1,550 Lpm (409 gpm)	2,000 Lpm (528 gpm)
K-factor	89		178		358		895	
Foam expansion ratio approx.**	40:1		40:1		40:1		40:1	
Dimension A	710 mm (28 in.)		710 mm (28 in.)		830 mm (32.7 in.)		850 mm (33.5 in.)	
Dimension B	240 mm		240 mm		380 mm		380 mm	
Connection	50 DIN PN 16 or 2 in. ANSI 150 lb		50 DIN PN 16 or 2 in. ANSI 150 lb		65 DIN PN 16 or 2 1/2 in. ANSI 150 lb		80 DIN PN 16 or 3 in. ANSI 150 lb	
Weight	10 kg (22 lb)		10 kg (22 lb)		15 kg (33 lb)		15 kg (33 lb)	
Range of jet	3 m to 5 m (9.8 ft to 16.4 ft)		3 m to 5 m (9.8 ft to 16.4 ft)		3 m to 5 m (9.8 ft to 16.4 ft)		3 m to 5 m (9.8 ft to 16.4 ft)	
Material: Body	Stainless Steel		Stainless Steel		Stainless Steel		Stainless Steel	
Material: Nozzle	Brass		Brass		Brass		Brass	
Material: Range	Galvanised Steel		Galvanised Steel		Galvanised Steel		Galvanised Steel	

\* Inlet pressures less than 3 bar or greater than 5 bar may affect expansion ratio

\*\* Depending on foam concentrate type

1 bar = 0.1 MPA = 14.5 psi

**Note:** The converted values in this document are provided for dimensional reference only and do not reflect an actual measurement.

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