

# MRM Stationary Medium-Expansion Foam Generator

## Description

The SKUM MRM is a medium-expansion foam generator, designed for fixed installation. It converts foam liquid and water solutions into medium-expansion foam. The MRM Stationary Medium-Expansion Foam Generator is installed as part of a fire protection system that could use one or more MRM foam generators.

## Application

The SKUM MRM Stationary Medium-Expansion Foam Generator is designed for land based applications. It is designed to protect flammable liquid spillage areas and locations that require a layer of medium-expansion foam, such as the following examples:

- Bunded areas
- Under dock protection
- Spill fires
- Basins and loading facilities

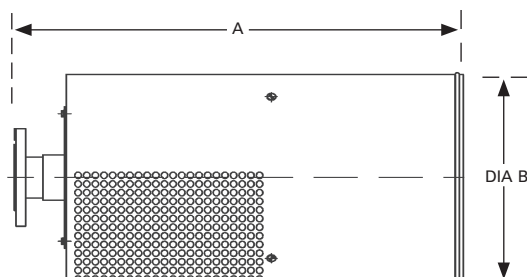
## Features

- Stainless steel body
- Hot-dipped slip-on galvanized flange and brass nozzle
- Trouble-free installation
- Large area coverage
- Suitable for indoor and outdoor use
- Capacity up to 2,000 Lpm

## Connections

- Flanged to fit DIN PN16 or ANSI B 150 lb

Figure 1: MRM dimensions



Note: For the MRM dimensions, see Table 2.



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## Ordering information

When ordering, specify the following information:

- Part number (see Table 1)
- Size
- Connection: DIN or ANSI
- Capacity

Table 1: Part numbers

| 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          |
| 102108217 | MRM-80 ANSI         |

## Performance data

**Table 2: Performance data**

| <b>MRM model:</b>                        | <b>50F to 200</b>                 |         | <b>50F to 400</b>                 |         | <b>65F</b>                        |         | <b>80F</b>                        |           |
|--|-----------------------------------|---------|-----------------------------------|---------|-----------------------------------|---------|-----------------------------------|-----------|
| <b>Inlet pressure:</b>                   | 3 bar                             | 5 bar   | 3 bar                             | 5 bar   | 3 bar                             | 5 bar   | 3 bar                             | 5 bar     |
| <b>Water capacity:</b>                   | 155 Lpm                           | 200 Lpm | 310 Lpm                           | 400 Lpm | 620 Lpm                           | 800 Lpm | 1,550 Lpm                         | 2,000 Lpm |
| <b>k-factor:</b>                         | 89                                |         | 178                               |         | 358                               |         | 895                               |           |
| <b>Approximate foam expansion ratio:</b> | 40:1                              |         | 40:1                              |         | 40:1                              |         | 40:1                              |           |
| <b>Dimensions A:</b>                     | 710 mm                            |         | 710 mm                            |         | 830 mm                            |         | 850 mm                            |           |
| <b>Dimensions B:</b>                     | 240 mm                            |         | 240 mm                            |         | 380 mm                            |         | 380 mm                            |           |
| <b>Connection:</b>                       | 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 ANSI 150 lb |         | 80 DIN PN 16 or 3 in. ANSI 150 lb |           |
| <b>Weight:</b>                           | 10 kg                             |         | 10 kg                             |         | 15 kg                             |         | 15 kg                             |           |
| <b>Range of jet:</b>                     | 3 m to 5 m                        |         | 3 m to 5 m                        |         | 3 m to 5 m                        |         | 3 m to 5 m                        |           |
| <b>Body material:</b>                    | Stainless steel                   |         | Stainless steel                   |         | Stainless steel                   |         | Stainless steel                   |           |
| <b>Nozzle material:</b>                  | Brass                             |         | Brass                             |         | Brass                             |         | Brass                             |           |
| <b>Range material:</b>                   | Galvanized steel                  |         | Galvanized steel                  |         | Galvanized steel                  |         | Galvanized steel                  |           |

**Note:** The foam expansion ratio depends on the foam concentrate type.

Safety Data Sheets (SDS) are available at [www.skum.com](http://www.skum.com)

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

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