



## Medium Expansion Foam Generator

The Medium Expansion Foam Generator (MSR) is a generator intended for fixed installation. Generally used for coverage of banded and diked areas, incinerator plants, loading facilities, jetties, spill fires, control of vapor release from toxic or flammable liquid spill or protection of loading facilities where medium expansion foam is needed.

The generators can be used with most types of foam systems like foam pumps, bladder tanks or in-line proportioners.

The MSR normally operates between 3 to 5 bar inlet pressure.



### Material:

Body and internals: Stainless steel (316/316L)

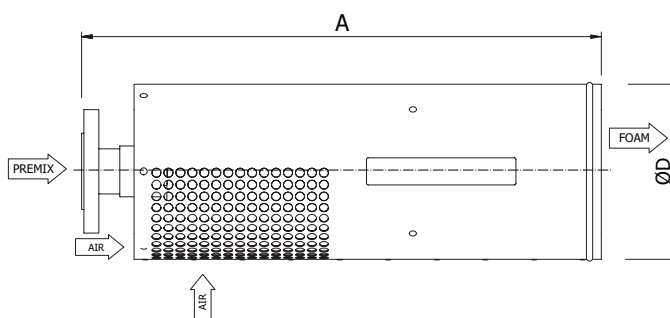
Nozzle: Brass

Flange: Galvanized steel\*

\* Stainless steel optional

### Product Features

- Stainless Steel body and internals
- Easy to install
- Maintenance free design
- Suitable also for angled installation
- Different types of connections available
- Designed according to EN 13565-1



### DIMENSIONAL DATA

Model	Length A [mm]	Diameter Ø D [mm]	Connection*	Weight [kg]
MSR-50	695	233	DN50 PN16 or 2" ANSI 150 lbs	9,5
MSR-65	840	380	DN65 PN16 or 2½" ANSI 150 lbs	15
MSR-80	840	380	DN80 PN16 or 3" ANSI 150 lbs	18,5

\* Optional with threaded BSP F connection

All parts have been selected for reliable and trouble free service using corrosion resistant materials for low maintenance.

### PERFORMANCE DATA

Model	Inlet pressure [bar]	Water Capacity [l/min]	k-factor	Foam Expansion ratio*
MSR-50 200L	3 - 5	155 - 200	89	50:1
MSR-50 400L	3 - 5	310 - 400	178	50:1
MSR-65	3 - 5	620 - 800	360	50:1
MSR-80	3 - 5	1550 - 2000	895	50:1

\* Depending on foam concentrate type

The MSR produces a uniform slow draining foam of a nominal expansion ratio up to 50:1. The range of Jet is up to 15 meters.