

MEDIUM EXPANSION FOAM GENERATOR/BUND POURER (PORTABLE/FIXED TYPE) MODEL: SD-MEFG SERIES

DESCRIPTION

Medium expansion foam generators are designed to use with matching in-line inductor or premixed solution. These are useful in a wide range of fire & hazardous situations involving combustible solid, flammable liquids and toxic liquid spills etc. Rapid coverage with foam make the unit suitable for both indoor & outdoor fire situations as well as for enclosed area used for storage of hazardous materials and also to suppress fire and Vapor risks by rapid flooding with foam.

FEATURES

- Designed to use with matching in-line inductor or premixed solution
- High volume of stable foam
- Rapid coverage
- Operates at low inlet foam-water solution pressure
- Long throw of cohesive foam stream
- Light in weight for easy portability
- Ideally suited for tank farm protection

APPLICATIONS

- Bund/dyke protection of tank for petroleum products
- Flooding of basement, tunnels & ducts, engine rooms, go downs etc.
- To control fires, involving liquefied natural gas (LNG) and liquefied petroleum gas (LPG) including control of Vapor dispersion for LNG/LPG and ammonia spills.
- For suppressing flammable/toxic Vapor.



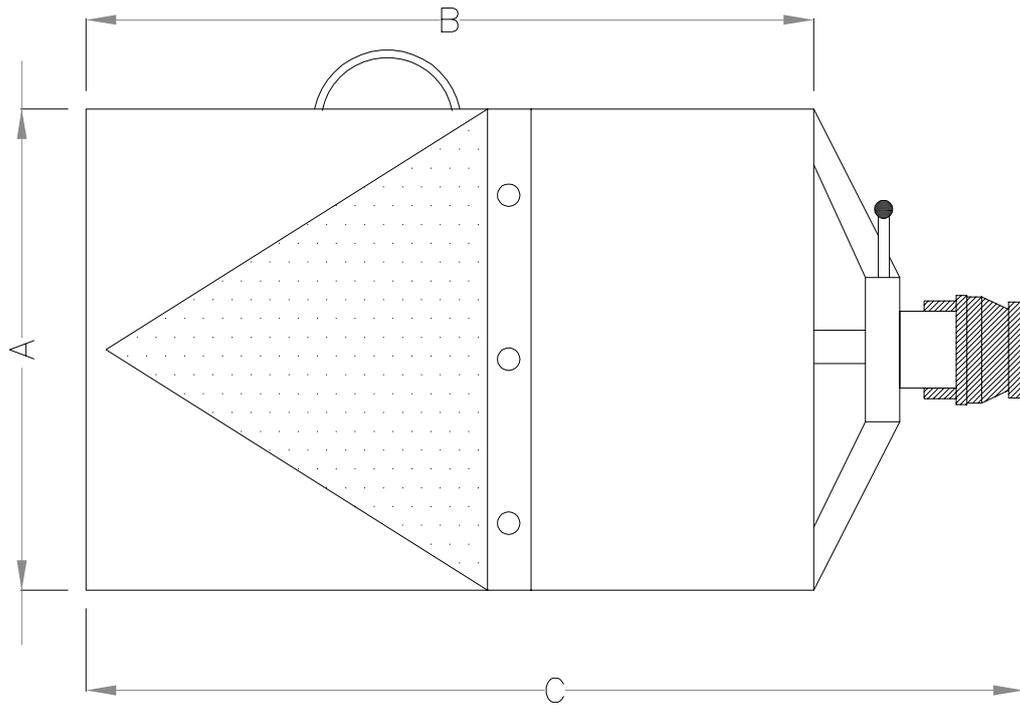
MATERIAL OF CONSTRUCTION

	Material
Shell	SS304/SS316
Nozzle	Chrome plated Gun Metal
Foam Screen	SS304/SS316
Flange	SS304/SS316
Coupling	SS304/SS316/Gun Metal

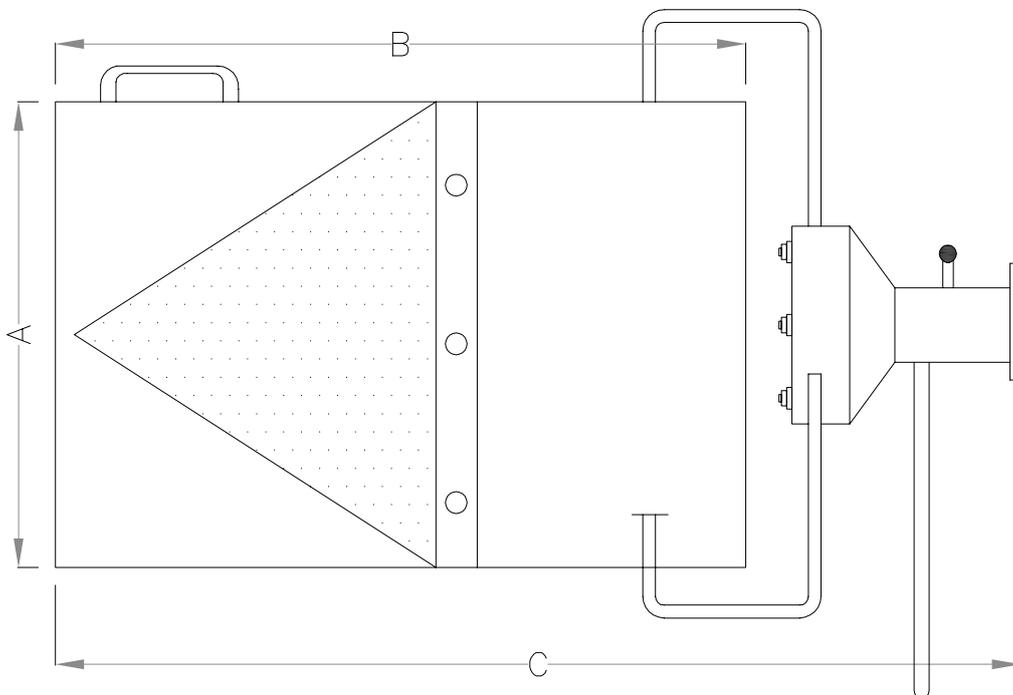
NOTE: Portable models are provided with 2.5" BSP coupling and fixed models with flanges. Size as per client requirement.

TECHNICAL DATA (±5%)

Model	Type	Inlet Pressure bar	Water Flow (nominal) at 3 bar, LPM)	Foam Output M3/min	Foam Expansion Ratio	Throw m	No. of Nozzle	K-factor
SD-MEFG-225L	Portable	2.5-4.0	250	11.5	35-60	6	1	115
SD-MEFG-400L	Portable	2.5-4.1	400	20	35-61	5	1	242
SD-MEFG-450L	Portable	2.5-4.2	450	22.5	35-62	5	1	259
SD-MEFG-600L	Fixed	2.5-4.3	600	30	35-63	4	3	364
SD-MEFG-900L	Fixed	2.5-4.4	900	45	35-64	4	4	481
SD-MEFG-1200L	Fixed	2.5-4.5	1200	60	40-60	3	6	641
SD-MEFG-1600L	Fixed	2.5-4.6	1600	80	40-61	3	6	810
SD-MEFG-1800L	Fixed	1.5-4.0	1800	90	40-62	3	6	945



	SD-MEFG-225L	SD-MEFG-400L/SD-MEFG-450L
A	150	200
B	350	400
C	550	600
Inlet Size	2½" BSP	



	SD-MEFG-600L	SD-MEFG-900L	SD-MEFG-1200L	SD-MEFG-1600L	SD-MEFG-1800L
A	300	350	400	400	400
B	400	500	550	600	600
C	750	800	900	950	950
Inlet	Flange ANSI Class 150, Sizes as per customer requirement				

In line with shield policy for continuous product development, shield has the right to change specifications without prior notice.