

MEDIUM EXPANSION FOAM GENERATOR/BUND POURER (portable/fixed type)

Special Features

- Designed to use with matching inline 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 bund protection
- Maintenance free.



Applications

IFP Medium Expansion Foam Generators are designed to use with matching inline inductor or premixed solution. These are useful in a wide range of fire & hazardous situations involving combustible solids, flammable liquids and toxic liquid spills etc. Rapid coverage with foam make the unit suitable, both indoor & outdoor fire situations as well as for enclosed area used for storage of hazardous materials, and also to suppress fire and vapour risks by rapid flooding with foam. The important applications are:

- Bund/ Dyke Protection of tank farms for Petroleum products.
- Flooding of Basements/ Tunnels & Ducts/ Engine Rooms/ Godowns etc.
- To control fires, involving liquified natural gas (LNG) and liquefied petroleum gas (LPG) including control of vapour dispersion for LNG/LPG and AMMONIA spills.
- For suppressing flammable/ toxic vapour.

Materials of Construction

	Material
Model	All Models
Shell	SS304/SS316
Nozzle	Chrome plated Gun Metal
Foam screen	SS304/SS316
Coupling	SS304/SS316/Gun Metal
Flange	SS304/SS316

Note

Portable models are provided with Coupling and Fixed models with Flanges.



Performance Data

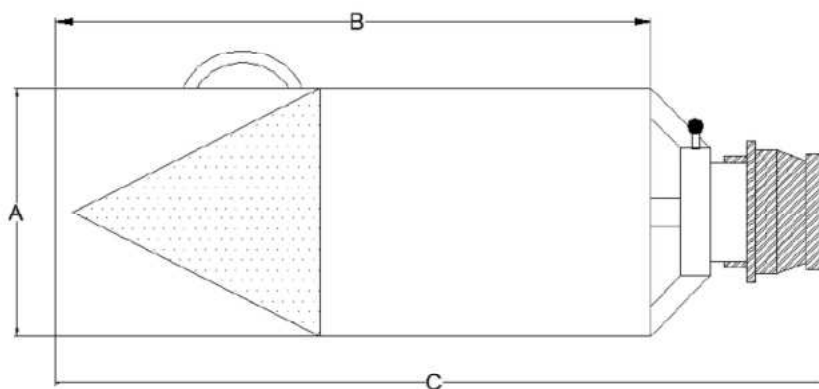
Model	Type	Part Number	Inlet Pressure bar	Water Flow (nominal) at 3 bar, lpm	Foam Output M ³ /min	Foam Expansion Ratio	Throw, m	Minimum No. of Nozzles	K-factor
IFP MX-225L	Portable	402010	2.5-4.0	250	11.25	35-60	6	1	115
IFP MX-400L	Portable	402020	2.5-4.0	400	20	35-60	5	1	242
IFP MX-450L	Portable	402021	2.5-4.0	450	22.5	35-60	5	1	259
IFP MX-600L	Fixed	402030	2.5-4.0	600	30	35-60	4	3	364
IFP MX-900L	Fixed	402040	2.5-4.0	900	45	35-60	4	4	481
IFP MX-1200L	Fixed	402050	2.5-4.0	1200	60	40-60	3	6	641
IFP MX-1600L	Fixed	402060	2.5-4.0	1600	80	40-60	3	6	810
IFP MX-1800L	Fixed	402070	1.5-4.0	1800	90	40-60	3	6	945

Ordering Information

Part Number	Model	Description	Colour
402010	IFP MX-225L	Portable	Red/Yellow
402020	IFP MX-400L	Portable	Red/Yellow
402021	IFP MX-450L	Fixed	Red/Yellow
402030	IFP MX-600L	Fixed	Red/Yellow
402040	IFP MX-900L	Fixed	Red/Yellow
402050	IFP MX-1200L	Fixed	Red/Yellow
402060	IFP MX-1600L	Fixed	Red/Yellow
402070	IFP MX-1800L	Fixed	Red/Yellow

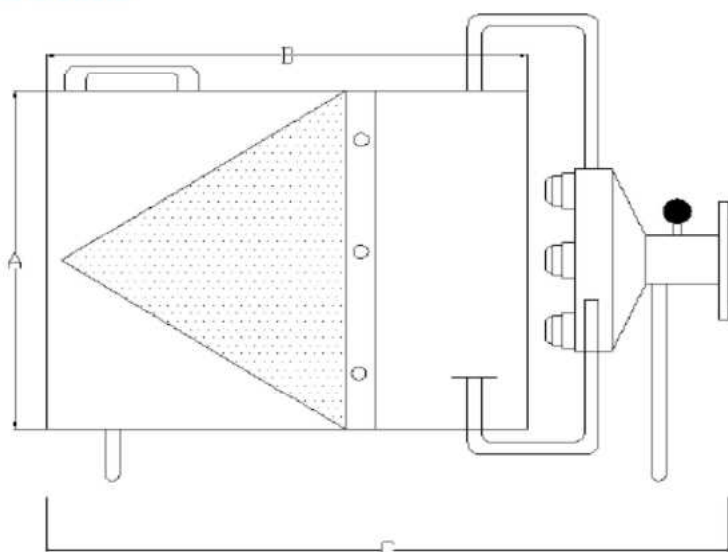
General Dimension

Portable Models



	IFP-MX-225L	IFP-MX-400L IFP-MX-450L
A	150	200
B	350	400
C	550	600

Fixed Models



	IFP-MX-600L	IFP-MX-900L	IFP-MX-1200L	IFP-MX-1600L	IFP-MX-1800L
A	300	350	400	400	400
B	400	500	550	600	600
C	750	800	900	950	950

Tolerance in dimension ($\pm 5\%$)
All dimensions are in mm



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REV-04/2025

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