



INLINE FOAM INDUCTOR **MX-SERIES**



Lloyd's
Register



ABOUT MARSOL

MARSOL Technologies, Inc., based in Houston, Texas, USA, specializes in designing, manufacturing, and implementing firefighting, safety systems, and related products for onshore, offshore, and marine industry applications. Our ethos is centred on delivering solutions that exceed minimum compliance requirements and ensure safety critical performance.

PRODUCT SERVICE SUPPORT

- 🔧 Spray Nozzles
- 🔧 Foam / Deluge Skid
- 🔧 Foam Concentrates
- 🔧 Control Equipment
- 🔧 Custom Engineering
- 🔧 System Integration
- 🔧 Factory Approval Testing
- 🔧 Field Service and Technical Support

PRODUCT OVERVIEW

The MX Series is designed for installation within pipework, the MX-40 is available with either a threaded or flanged connection, with the MX-50, MX-80 and MX-100 being available only with flanged connections - either ANSI # 150 or DIN PN-16.

MX series inductors work on the Venturi principle, i.e. foam concentrate is sucked into the inductor without needing to use any pressurised sources such as a bladder tank or foam pump. Inductors are equipped with an exact orifice plate at the foam entry port in order to provide the required accurate foam supply. Each inductor is factory calibrated for the required flow, pressure and foam concentrate type.



KEY FEATURES



- SS-316L OR SUPER DUPLEX CONSTRUCTION
- 3% PROPORTIONING
- WIDE FLOW RANGE
- SIMPLE INSTALLATION
- STANDARD FLANGED END CONNECTIONS
- HIGH SUCTION HEIGHT

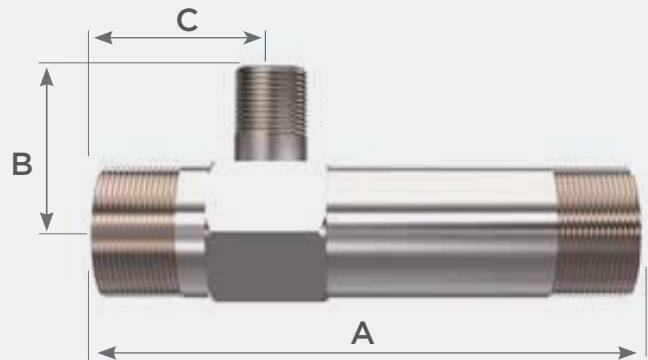
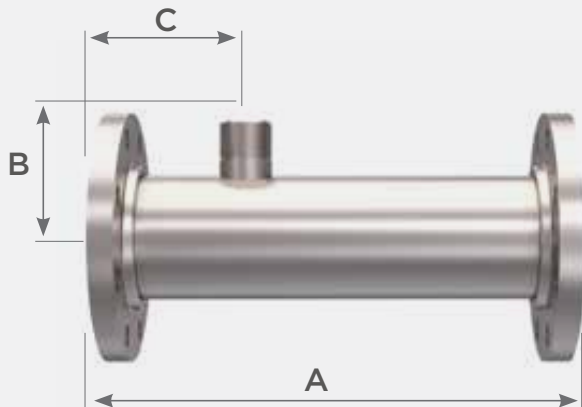
MX Series inductors are delivered with factory calibration as per project specific requirements to ensure the inductor functions properly as required.

Certifications

- American Bureau of Shipping (ABS)
- Underwriters Laboratory (UL)
- Lloyd's Register of Shipping (LRS)
- Bureau Veritas (BV)

UL Listing is in conjunction with below foam Concentrates

- Solberg Arctic 3% AFFF



SPECIFICATION

Model	MX-40	MX-50	MX-80	MX-100
A (mm)	194±2	230±2	316±2	425±2
B (mm)	60±2	75±2	89±2	107±2
C (mm)	62.50±2	72±2	96±2	127±2
Connection	Threaded BSP or NPT	Flange ANSI 2" RF #150	Flange ANSI 3" RF #150	Flange ANSI 4" RF #150
Foam Inlet	3/4" NPT (M)	1" NPT (M)	1" NPT (M)	1.5" NPT (M)
Material	SS-316L/ Super Duplex	SS-316L/ Super Duplex	SS-316L/ Super Duplex	SS-316L/ Super Duplex
Internal Fittings	POM	POM	POM	POM
Finish	Natural / Painted	Natural / Painted	Natural / Painted	Natural / Painted
Approx. Weight	1.2 kg / 2.65 lb	5.7 kg / 12.5 lb	11.6 kg / 25.6 lb	18.2 kg / 40.1 lb
Foam Type	AFFF-3%	AFFF-3%	AFFF-3%	AFFF-3%
Flow Rate - Min	73gpm (276lpm)	142gpm (537lpm)	299gpm (1131lpm)	570gpm (2167lpm)
Flow Rate - Max.	130gpm (492lpm)	267gpm (1010lpm)	454gpm (1718lpm)	1081gpm (4092lpm)
Working Pressure - Min.	4 bar (58psi)	4 bar (58psi)	4 bar (58 psi)	4 bar (58psi)
Working Pressure - Max.	228psi (15.7bar)	228psi (15.7bar)	228psi (15.7bar)	228psi (15.7bar)

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