INCENDIUM
FIRE SYSTEM SOLUTIONS

**DATASHEET LI -80 -100 -150**
Line Inductor
Revision: 18K12
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Line Inductor

The Incendium Line Inductor (LI) is a foam concentrate proportioner intended for a fixed flow in fixed installation. The LI is installed between the discharge side of the fire water pump and the foam making unit. The water flow and pressure creates a vacuum inside the inductor that induces foam concentrate into the water line.

The inductor is made to handle a high counter pressure giving the possibility to operate at long distances between inductor and the foam making unit.
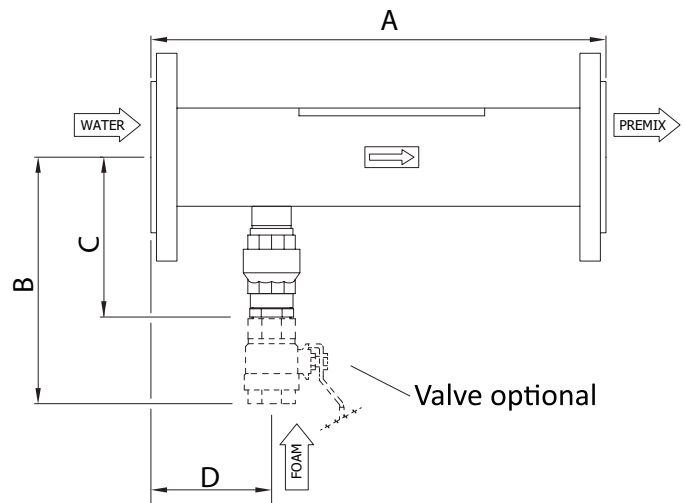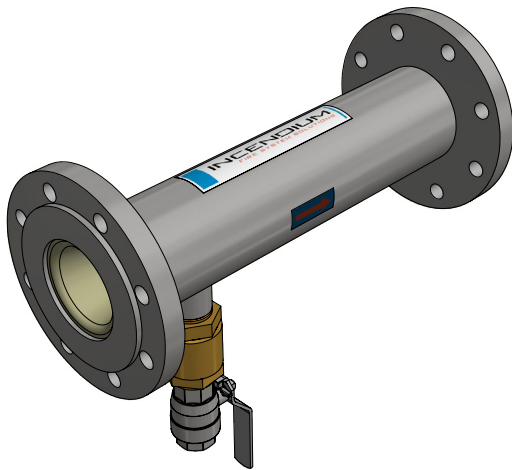
Material:

Body and internals:	Stainless steel (316/316L)
Nozzle:	Polypropylene
Flange:	Galvanized steel*

* Stainless steel optional

Product Features

- Stainless Steel body
- Low pressure loss on water main stream
- Easy to install
- Factory calibrated flow setting
- Cost effective design
- Maintenance free design
- Suitable also for vertical installation
- Built-in suction check valve
- Suction height of foam concentrate up to 3.5 meters
- Foam induction from 0.1 to 3% (6% optional)
- Different types of connections available
- Shut-off valve optional
- Designed and tested according to EN 13565-1 & 2

Valve optional

DIMENSIONAL DATA

Model	Length [mm]				Connection water/foam	Weight [kg]
	A	B	C	D		
LI-80 DIN	312	221	139	84	DN80 PN16 / 1" BSP F	10
LI-80 ANSI	312	221	139	84	3" 150 lbs/ 1" BSP F	10
LI-100 DIN	490	265	171	130	DN100 PN16 / 1¼" BSP F	19
LI-100 ANSI	490	265	171	130	4" 150 lbs / 1¼" BSP F	19
LI-150 DIN/ANSI *	565	324	200	136	DN150 PN16 fit 6" ANSI 150 lbs / 1 ½" BSP F	28

* ANSI version and other connections available on request

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

PERFORMANCE DATA

Model	Max Water Capacity [l/min]*	Max Foam Induction [l/min]**
LI-80	2600	160
LI-100	5000	300
LI-150	12500	720

* At 16 bar inlet pressure
** Depending on foam concentrate type

The inductor can handle counter pressures of up to 65% of its inlet pressure.