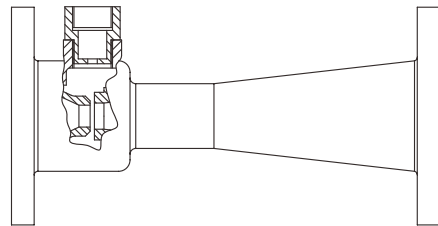


## Fixed inline inductor (In-line eductor)

Fixed inline inductor is used to introduce a controlled flow of foam concentrate into a pressurized water stream in fixed installation. It provides a simple and reliable proportioning method in constant flow applications.



- Certificate: UL Listed
- Standard: NFPA 11, UL 162, EN 13565, GB 50151
- Connection: Threaded, flanged as ANSI Class 150, EN 1092 PN16, etc.
- Feature: Back pressure max to 65% inlet pressure
- W. pressure: 200 psi
- Surface: Red RAL 3000 FBE coating, yellow, etc.



### Main parts and material

<b>Body</b>	Brass, bronze, or SS	<b>Metering orifice</b>	Brass or SS, sized to the certain foam concentrate
<b>Retaining ring</b>	Stainless steel	<b>Nozzle (Jet)</b>	Brass, bronze, or SS

### Available size (Source 1 with UL)

Size	Foam concentrate inlet	Material	Foam concentrate	Flow (gpm)	Inlet pressure (psi)	Ref. No.
1-1/2" NPT	1/2" NPT	Brass	1%, 3%, or 6%	66	200	B0901 (UL)
1-1/2" NPT	1/2" NPT	Brass	1%, 3%, or 6%	106	200	B0902 (UL)
2-1/2" NPT	1/2" NPT	Brass	1%, 3%, or 6%	124	200	B0903 (ISO)
2-1/2" NPT	1" NPT	Brass	1%, 3%, or 6%	225	200	B0904 (ISO)
2-1/2" NPT	1" NPT	Brass	1%, 3%, or 6%	246	200	B0905 (ISO)
2-1/2" NPT	1" NPT	Brass	1%, 3%, or 6%	297	200	B0906 (ISO)
2-1/2" NPT	1" NPT	Brass	1%, 3%, or 6%	385	200	B0907 (ISO)
2-1/2" x 3" NPT	1" NPT	Brass	1%, 3%, or 6%	470	200	B0908 (ISO)
2-1/2" x 3" NPT	1" NPT	Brass	1%, 3%, or 6%	520	200	B0909 (ISO)
2-1/2" x 3" NPT	1" NPT	Brass	1%, 3%, or 6%	612	200	B0910 (ISO)

# Fixed inline inductor (In-line eductor)

## Available size (Source 1 with UL)

Size	Foam concentrate inlet	Material	Foam concentrate	Flow (gpm)	Inlet pressure (psi)	Ref. No.
3" x 4" NPT	1-1/4" NPT	Brass	1%, 3%, or 6%	648	200	B0911 (ISO)
3" x 4" NPT	1-1/4" NPT	Brass	1%, 3%, or 6%	734	200	B0912 (ISO)
3" x 4" NPT	1-1/4" NPT	Brass	1%, 3%, or 6%	826	200	B0913 (ISO)

**Note:**

1. The flow is different at water, 1%, 3%, and 6% foam concentrate. Above data refers to flow and K-Factor at 3% foam concentrate.
2. The flow rate GPM at given pressure PSI is calculated by formula  $Q=K \times P^{1/2}$ .

## Available size (Source 2 with UL)

Size	Foam concentrate inlet	Material	Foam concentrate	Flow (gpm)	Inlet pressure (psi)	Ref. No.
1" NPT	1/2" NPT	SS316	1% ~ 6%	24	59	B0921 (UL)
1-1/2" NPT	3/4" NPT	SS316	1% ~ 6%	50 ~ 88	59 ~ 235	B0922 (UL)
2" NPT	3/4" NPT	SS316	1% ~ 6%	157	203	B0923 (UL)
2-1/2" NPT	1" NPT	SS316	1% ~ 6%	87 ~ 191	59 ~ 147	B0924 (UL)
3" FLG	1-1/2" NPT	SS316	1% ~ 6%	283	147	B0925 (UL)
4" FLG	1-1/2" NPT	SS316	1% ~ 6%	225	59	B0926 (UL)

## Available size (Source 3 with ISO)

Size	Foam concentrate inlet	Material	Foam concentrate	Flow (gpm)	Inlet pressure (psi)	Ref. No.
2-1/2" FLG	3/4" BSP	Bronze / SS	AFFF 3% / AR-AFFF 3x3%	75 ~ 589	93 ~ 175	B0931 (ISO)
3" FLG	1" BSP	Bronze / SS	AFFF 3% / AR-AFFF 3x3%	385 ~ 1178	93 ~ 175	B0932 (ISO)
4" FLG	1-1/4" BSP	Bronze / SS	AFFF 3% / AR-AFFF 3x3%	771 ~ 2356	93 ~ 175	B0933 (ISO)
6" FLG	1-1/4" BSP	Bronze / SS	AFFF 3% / AR-AFFF 3x3%	1542 ~ 3568	93 ~ 175	B0934 (ISO)

**Note:** The flow rate LPM at given pressure bar is calculated by formula  $Q=K \times P^{1/2}$ .