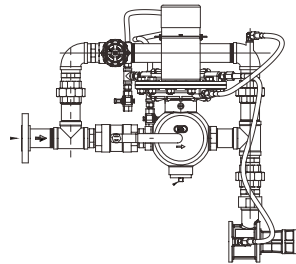


In-line balanced pressure proportioner (ILBP)

In-line balanced pressure proportioner is used to automatically balance the higher foam concentrate pressure to the lower system water pressure. It offers the advantage of proportioning at a location remote from the tank.



- Certificate: UL Listed / FM Approved
- Standard: NFPA 11, UL 162, EN 13565, GB 20031
- Connection: Grooved, wafer, or flanged ANSI B16.1 Class 125
- Temperature: 1.7°C to 49°C
- W. pressure: 30 ~ 150 psi, or 40 ~ 175 psi
- Surface: Rough bronze, shotblasted SS, etc.



Main parts and material

Ratio controller (Proportioner)	Bronze, SS304, or SS316	Balance valve assembly	Spool or diaphragm balancing valve, duplex gauge, flexible sensing lines
Trim pipeline	SS, with foam concentrate supply valve, check valve	Manual override valve	As option

Available size (Source 1 with UL/FM)

Size	Foam concentrate inlet	Material	Flow at SFFF 3% (gpm)		Flow at AR-SFFF 3x3% (gpm)		Working pressure (psi)	Ref. No.
			UL	FM	UL	FM		
3" GRV or FLG	1.5" GRV	Bronze	/	180 ~ 760	/	/	30 ~ 175	B0701 (UL/FM)
4" GRV or FLG	2" GRV	Bronze	420 ~ 1515	455 ~ 1275	/	523 ~ 1273	30 ~ 175	B0702 (UL/FM)
6" GRV or FLG	2" GRV	Bronze	1512 ~ 2740	1240 ~ 2640	/	1050 ~ 2315	30 ~ 175	B0703 (UL/FM)
8" GRV or FLG	2" GRV	Bronze	2330 ~ 4130	1650 ~ 4250	/	/	30 ~ 175	B0704 (UL/FM)

Note: ILBP is UL and FM certified when used with specific foam concentrate, tank, and foam discharge device.