

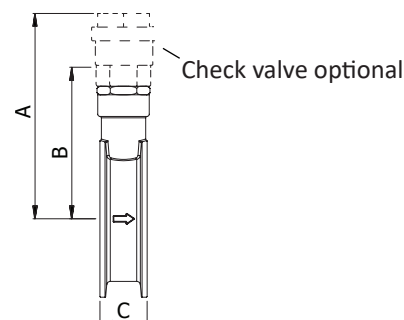
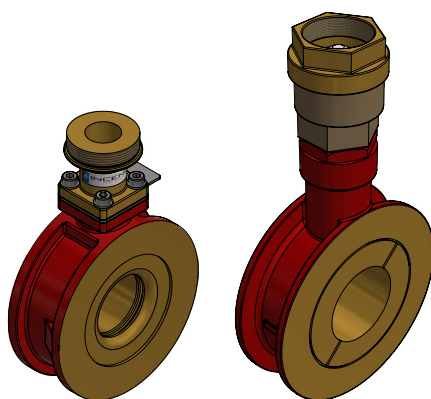
Tank Proportioner

The ITP is a foam proportioner designed for use with Bladder tanks, such as the IBT, that induces foam concentrate into the main water line.

The proportioner has a very good proportioning accuracy combined with a low pressure drop. It is available with proportioning from 1% up to 6%. Suitable for use with fresh or sea water and any type of foam concentrate.

The ITP comes in sizes from DN50 up to DN250, and flow ranges of 110 to 27.000 lpm.

The ITP bladder tank proportioner is designed for mounting between flanges, DIN or ANSI. The proportioner body is marked with flow direction.



DIMENSIONAL DATA

Model	Length [mm]			Connection water**/foam***	Weight [kg]
	A*	B	C		
ITP-50	176	117	38	DN50 / 1" M	2,5
ITP-80	202	143	50	DN80 / 1" M	3,5
ITP-100	242	164	58	DN100 / 1" or 2" M	6
ITP-150	283	197	75	DN150 / 1", 1¼" or 2" M	11,0
ITP-200	345	247	89	DN200 / 2½" F	23,0
ITP-250	405	288	100	DN250 / 3" F	32,0

* Height with optional check valve, Threaded BSP Female

** Mounted between flanges: DIN PN16 / ANSI 150lbs

*** Threaded BSP. May be changed based on foam type and mixing ratio.

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

Material:

Body and internals:

Bronze

Product Features

- Bronze body
- Accurate proportioning over the entire range
- 1%, 2%, 3% or 6% fixed proportioning ratio or customer specific
- Water connection wafer type
- Foam connection threaded
- Adjustable proportioning ratio (optional)
- Designed and tested according to EN 13565-1
- Optional Check valve

PERFORMANCE DATA

Model	Flow rate min - max (AFFF/AR) [l/min]	Flow range AFFF/AR	K- factor
ITP-50	110/450 - 1100	1:10 / 1:5	480
ITP-80	250/450 - 3000	1:10 / 1:5	1500
ITP-100	500/900 - 6000	1:10 / 1:5	3125
ITP-150	1100/1850 - 14500	1:11 / 1:5	6120
ITP-200	1600/2700 - 18800	1:10 / 1:5	8950
ITP-250	2000/3450 - 27000	1:11 / 1:5	11450

Inlet Pressure: Min-Max 3-16 bar

Proportioning ratio presets as standard: 1%, 2%, 3%, or 6%

PRESSURE DROP

