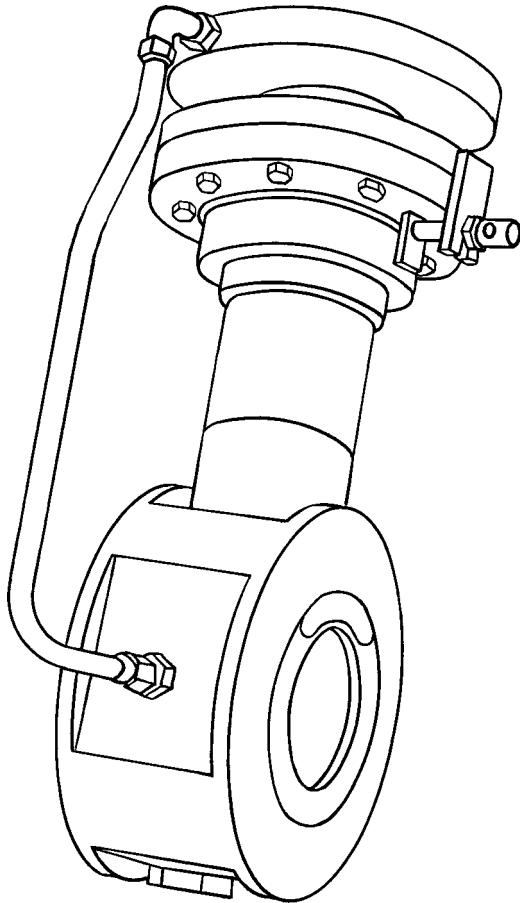


PPW-100/50
PPW-150/50
PPW-200/80
PPW-250/80



Description

Accurate proportioning of foam concentrate, preferably irrespective of flow and pressure variations, is vital for the correct performance of a foam system.

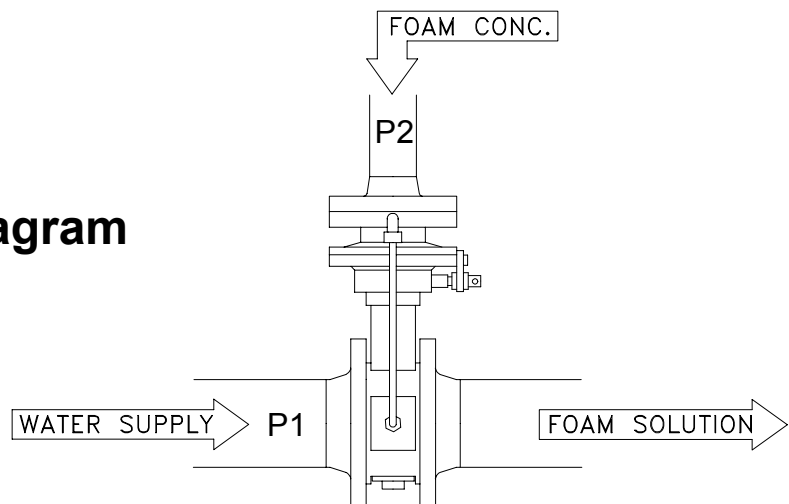
The PPW proportioner has an orifice of which the area changes in relation to the flow. This system secures correct proportioning within a wide range of flow. For example, a sprinkler system will become more effective by adding foam and by using the PPW proportioner. The proportioning will even be correct for large variations in number of sprinkler heads activated.

The PPW proportioner is a maintenance-free construction made of high quality bronze and stainless steel.

The foam concentrate is supplied to the proportioner by a foam concentrate pump.

The proportioning can easily be changed by adjusting the integrated regulating nozzle.

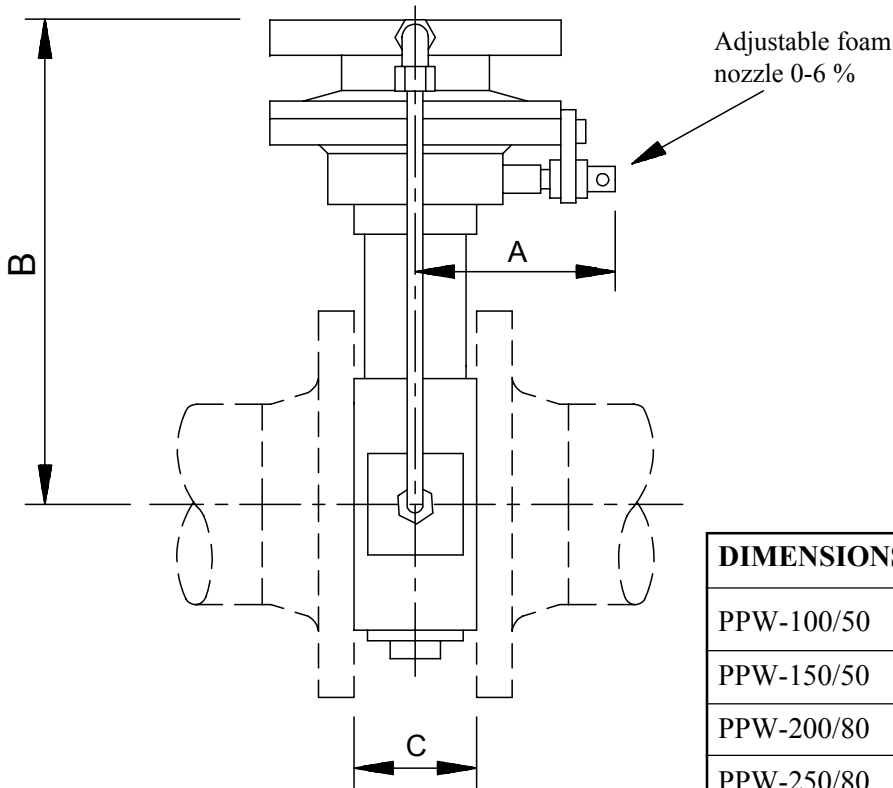
Principle flow diagram



The foam conc. pressure P2 must exceed water pressure P1 by at least 1 bar

Dimensions

PPW-100/50
PPW-150/50
PPW-200/80
PPW-250/80



DIMENSIONS	A mm	B mm	C mm
PPW-100/50	115	271	70
PPW-150/50	115	297	70
PPW-200/80	140	361	82
PPW-250/80	140	390	82

Performance data

1 bar = 0,1 MPa = 14,5 psi

TYPE	Connection		Capacity				Weight		Proportioner k-factor
	mm/inch		Min.		Max.*		kg	lbs	
	Foam	Water	l/min	USGPM	l/min	USGPM			
PPW-100/50	50/2"	100/4"	75	19,8	2500	661	20	44	2040
PPW-150/50	50/2"	150/6"	100	26,4	5600	1480	26	57	4585
PPW-200/80	80/3"	200/8"	125	33	10600	2800	45	99	8660
PPW-250/80	80/3"	250/10"	150	39,6	16100	4254	55	121	13115

* At proportioner system pressure drop 1,5 bar, Min. 0,3 bar

$$\frac{Q \text{ lit./min.}}{\sqrt{P \text{ bar}}} = \text{k-factor}$$

Max. working pressure: 16 bar/235 psi

Materials: Bronze and stainless steel



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