



Bladder Tank - Vertical

Our tank proportioning system consists of a bladder tank (IBT) and a tank proportioner (ITP). The bladder tank is a steel vessel containing a rubber bladder, which in turn holds the foam concentrate. The tank proportioner is directly piped to the bladder tank and installed in the main line. The proportioner induces foam concentrate into the water stream at an accurate mixing % irrespectively of flow and water pressure.

The bladder tank is designed according to PED and CE marked. It is available in volumes up to 14.000 liters. Standard proportioners are available from DN50 to DN250. Wide range proportioners are available from DN150 to DN250. Foam and water connections are available in threaded and flanged DIN and ANSI standards.



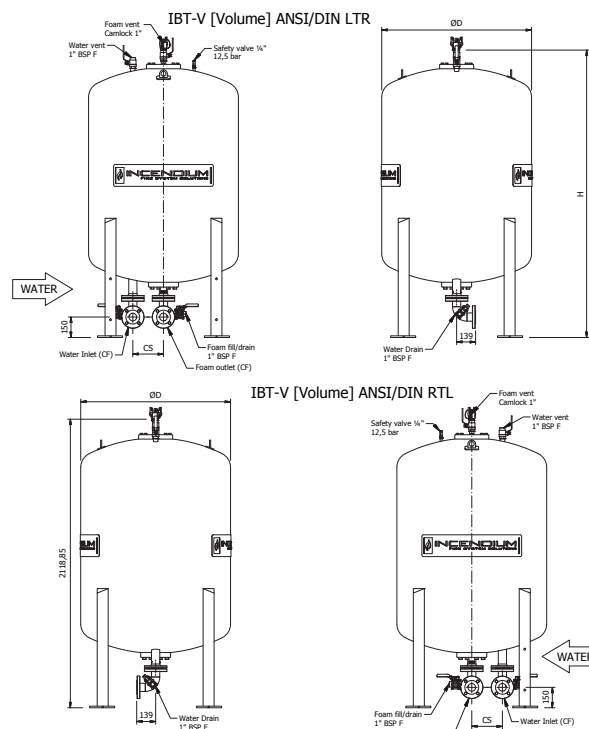
Material:

Pressure Vessel:	Carbon steel
Bladder	Butyl rubber
Internals	Polyvinyl chloride
Surface Treatment	Primer and red epoxy
Standard Valves:	Stainless steel (316)

*Optional butterfly valves to be specified on order

Product Features

- Volumes from 200 to 14.000 liters
- Horizontal and vertical models
- PED, CE marked
- 12,1 bar/175 psi working pressure
- Flanged or threaded water/foam connections
- Pre-piped models with proportioner available
- Designed and tested according to EN 13565-1
- Minimum maintenance due to no moving parts
- Optional Butterfly valves for DN50 or DN80 on foam and water ports. Ball valve 1" on smaller tanks



DIMENSIONAL DATA

Model	Ø D [mm]	H ± 50 [mm]	Connection Water / Foam	Weight [kg]
IBT-V 100L	600	1160	DN25 / 1" ANSI	180
IBT-V 200L	600	1460	DN25 / 1" ANSI	210
IBT-V 300L	600	1830	DN25 / 1" ANSI	250
IBT-V 400L	800	1570	DN25 / 1" ANSI	280
IBT-V 600L	800	2060	DN50 / 2" ANSI	340
IBT-V 800L	800	2410	DN50 / 2" ANSI	375
IBT-V 1000L	1100	1930	DN50 / 2" ANSI	455
IBT-V 1200L	1100	2130	DN50 / 2" ANSI	510
IBT-V 1500L	1100	2430	DN50 / 2" ANSI	550
IBT-V 2000L	1100	3030	DN50 / 2" ANSI	650
IBT-V 2500L	1400	2540	DN50 / 2" ANSI	950
IBT-V 3000L	1400	2890	DN50 / 2" ANSI	1050
IBT-V 3500L	1400	3190	DN50 / 2" ANSI	1150
IBT-V 4000L	1400	3590	DN50 / 2" ANSI	1250
IBT-V 4500L	1400	3890	DN50 / 2" ANSI	1350
IBT-V 5000L	1400	4190	DN80 / 3" ANSI	1450
IBT-V 5500L	1400	4590	DN80 / 3" ANSI	1550
IBT-V 6000L	1400	4890	DN80 / 3" ANSI	1650
IBT-V 6500L	1400	5150	DN80 / 3" ANSI	1725
IBT-V 7000L	1800	3700	DN80 / 3" ANSI	1800
IBT-V 8000L	1800	4100	DN80 / 3" ANSI	2100
IBT-V 10000L	1800	4900	DN80 / 3" ANSI	2700
IBT-V 12000L	1800	5750	DN80 / 3" ANSI	3250
IBT-V 14000L	1800	6500	DN80 / 3" ANSI	3850

Connections for water and foam vents as well as water drain and foam filling valves are 1" BSP Female.

For more specific measurements, please contact us for dimensional prints.