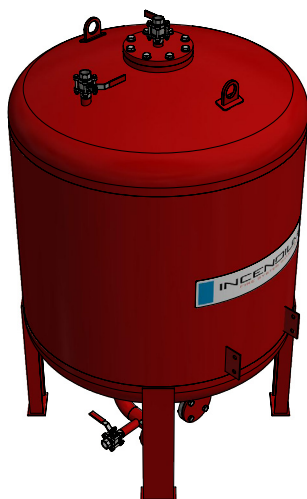




## Bladder Tank - Vertical

The Incendium 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.



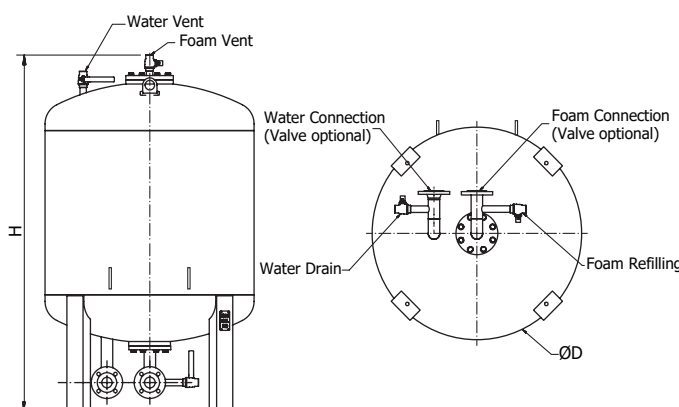
### Material:

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 ± 30 [mm]	Connection Water / Foam	Weight [kg]
IBT-V 100L	600	590	1" BSP F	180
IBT-V 200L	600	940	1" BSP F	210
IBT-V 300L	600	1290	1" BSP F	250
IBT-V 400L	800	1560	1" BSP F	280
IBT-V 600L	800	2060	DN50	340
IBT-V 800L	800	2410	DN50	375
IBT-V 1000L	1100	1930	DN50	455
IBT-V 1200L	1100	2130	DN50	510
IBT-V 1500L	1100	2430	DN50	550
IBT-V 2000L	1100	3030	DN50	650
IBT-V 2500L	1400	2540	DN50	950
IBT-V 3000L	1400	2890	DN50	1050
IBT-V 3500L	1400	3190	DN50	1150
IBT-V 4000L	1400	3590	DN50	1250
IBT-V 4500L	1400	3890	DN50	1350
IBT-V 5000L	1400	4190	DN50	1450
IBT-V 5500L	1400	6590	DN80	1550
IBT-V 6000L	1400	4890	DN80	1650
IBT-V 7000L	1400	5390	DN80	1800
IBT-V 8000L	1850	3630	DN80	2100
IBT-V 10000L	1850	4030	DN80	2700
IBT-V 12000L	1850	4780	DN80	3250
IBT-V 14000L	1850	5630	DN80	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 Incendium for dimensional prints.