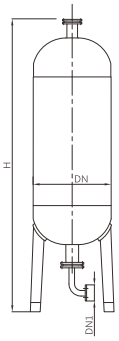
Vertical pump pressure tank

Pressure tank is a pressurized vessel where water and air are separated by a flexible diaphragm allowing the water to expand and absorb pressure surges. It provides water storage and decreases the running time of booster pump.



- Certificate: ISO
- Standard: NFPA 20
- Connection: Flanged as ANSI B16.5 Class 150, EN 1092-1 PN16
- Temperature: Designed 80°C
- W. pressure: Designed 10 / 16 / 25 bar
- Surface: FBE coating as AWWA C550



Main parts and material

Body	Carbon steel / SS	**Bracket**	Carbon steel / SS
Inlet	Carbon steel, 2" flange, or 4" flange	**Diaphragm**	EPDM rubber, water chamber & air chamber

Available size

Diameter (DN)	Capacity Vf (L)	Effective volume Ve (L)	Total height H (mm)	Inlet size (DN1)	Working pressure (bar)	Ref. No.
400	90	30	1230	DN 50	10 / 16 / 25	U2101
600	320	90	1720	DN 50	10 / 16 / 25	U2102
800	770	217	2230	DN 100	10 / 16 / 25	U2103
1000	1280	400	2370	DN 100	10 / 16 / 25	U2104
1200	2200	677	2741	DN 100	10 / 16 / 25	U2105
1400	3300	970	2969	DN 100	10 / 16 / 25	U2106
1600	5000	1310	3366	DN 100	10 / 16 / 25	U2107
1800	6230	1680	3398	DN 100	10 / 16 / 25	U2108
2000	7900	2320	3462	DN 100	10 / 16 / 25	U2109

Note: For flanged connection, it is available with ANSI B16.1 Class 125 / 250, B16.42 Class 150 / 300, EN 1092-2 PN10 / PN16 / PN25, etc.