

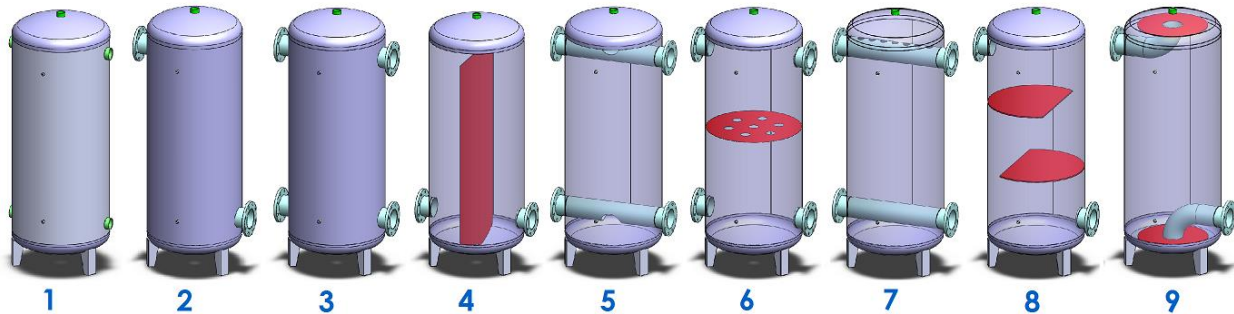
HVAC



Buffertanks for hot & cold watersystems

Execution :

- Buffertanks for **hot** (sanitary) water and heating-systems.
- Chilled water buffertanks, tanks for **cold** water applications.
- Vertical and horizontal executions
- Carbon steel max. \varnothing 3400 mm
- Stainless steel SS 304 and SS 316 L max. \varnothing 2400 mm
- Standard dimensions (see table pag.2) or acc. to your plans
- Working pressure : from atmospheric to 10 bar.
- Min/max. temperature for **cold** -10°C/+50°C
- Min/max. temperature for **hot** max. 95°C, on request 110°C
- Pressure-calculations according AD2000
- Conform the European directive PED-2014-68-EU art.4.3
- Hydraulic testing with manufacturers certificate



Standard types:

- Type 1: 4 x Welding sockets max. 3" F BSP-ISO 228T
- Type 2: 2 x Diagonal flanges EN 1092-1 – PN 10
- Type 3: 4 x Flanges EN 1092-1 PN 10
- Type 4: 2 x Flanges EN 1092-1 PN 10 + vertical partition
- Type 5: 4 x Flanges EN 1092-1 PN 10 + waterdistribution tubes
- Type 6: 4 x Flanges EN 1092-1 PN 10 + horizontal partition
- Type 7: 4 x Flanges EN 1092-1 PN 10 + perforated waterdistribution tubes
- Type 8: 2 x Diagonal flanges EN 1092-1 PN 10 + horizontal partitions
- Type 9: 4 x Flanges EN 1092-1 PN 10 + Distribution-elbows and -plates.

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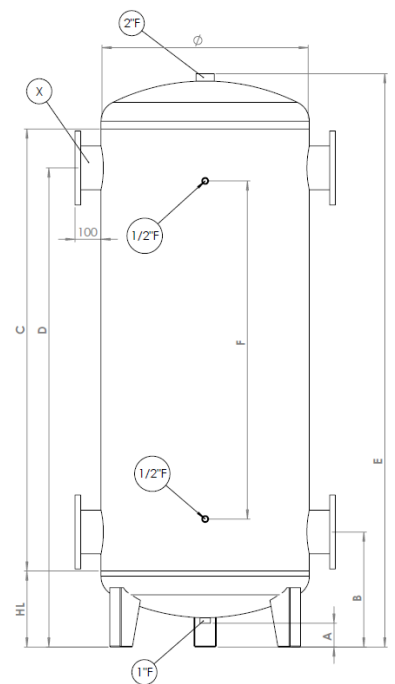


Standards

Cap. litres	ø Dia	HL	A	T/1	T/2->9	C	T/1	T/2->3	T/5->9	E	F	T/1	T/2->9	Finish Possibilities
				B			D					X	X / PN 10	
200	500	205	85	305	305	900	1035	1005	1005	1250	600	2" F	DN 50	G-P-PE-HTPER-SS-B
300	600	280	80	380	380	900	1110	1080	1080	1420	600	2" F	DN 65	G-P-PE-HTPER-SS-B
500	600	280	80	380	380	1500	1680	1680	1680	1990	1100	3" F	DN 80	G-P-PE-HTPER-SS-B
750	800	295	85	395	395	1250	1445	1445	1445	1740	850	3" F	DN 100	G-P-PE-HTPER-SS-B
1000	800	295	85	395	445	1700	1895	1845	1845	2190	1300	3" F	DN 150	G-P-PE-HTPER-SS-B
1500	1000	365	100	465	515	1700	1965	1915	1915	2350	1300	3" F	DN 150	G-P-PE-HTPER-EP-SS-B
2000	1100	380	100	480	530	1800	2080	2030	2030	2460	1400	3" F	DN 200	G-P-PE-HTPER-EP-SS-B
3000	1250	480	100	580	630	2000	2380	2330	2330	2860	1600	3" F	DN 200	G-P-PE-HTPER-EP-SS-B
4200	1400	480	100	580	630	2000	2380	2330	2330	2900	1600	3" F	DN 200	G-P-PE-HTPER-EP-SS-B
5000	1600	500	100	600	650	2000	2400	2350	2350	2900	1600	3" F	DN 200	G-P-PE-HTPER-EP-SS-B

• • Other diameters, executions, flanges, positions or according customers design on request.

• • Article reference/code=Buffertank+Vertical+volume+dia+type+finish+connection -> f.ex. BV-1000-800-T2-HTPER-DN100



• • Finish possibilities: Interior I / Exterior E

- • G = I+E = Hot dip galvanized EN ISO 1461 max. ø1800 mm
- • P = E = steelblasted and anti-corrosion primer
- • PE = E = 400 microns plasticized PE-lining max. 60°C.
- • HTPER = E = High temp. polyester-powdercoating max. 180°C
- • EP = I = Epoxy-coated from diam. 1000 mm max. 80°C
- • SS = I+E = Stainless steel 2B-finish, Pickled+passivation
- • B = I+E = Untreated / black steel

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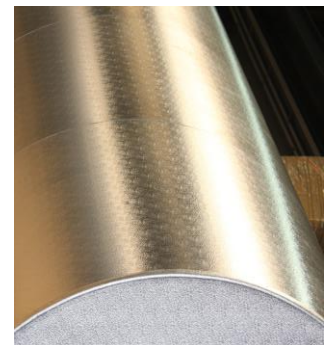


Insulations for hot & cold watertanks

- Soft PUR or PE-insulation, with removable PVC cover with Velcro-closure



- Flexible closed cell insulation, possible with cover in stucco-aluminium or stainless steel



- Rock or glasswool with cover in stucco-aluminium or stainless steel



- Insulation mattresses with rockwool or glasswool



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