

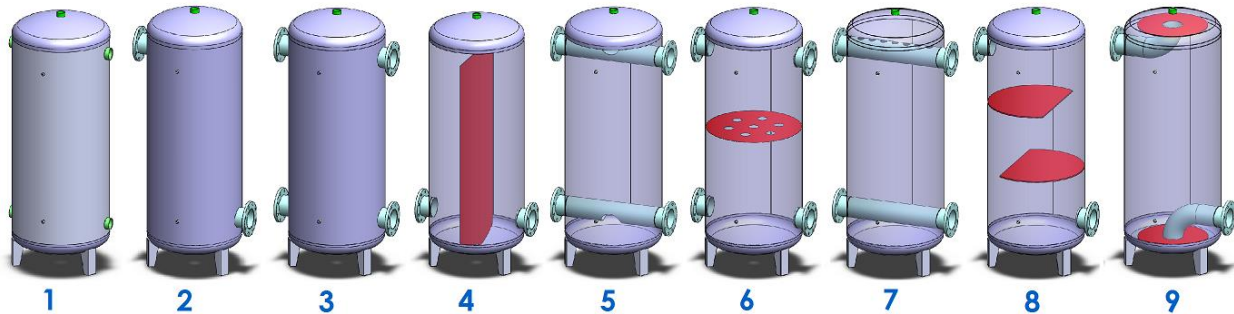
# HVAC



## 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:

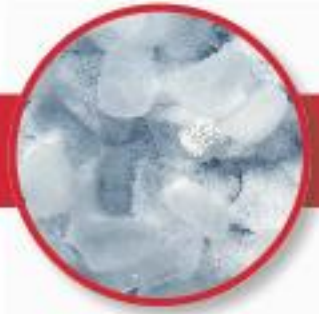
- Type 1: 4 x Welding sockets max. 3" F BSP-ISO 228T
- Type 2: 2 x Diagonal flanges EN 1092-1 – PN 10
- Type 3: 4 x Flanges EN 1092-1 PN 10
- Type 4: 2 x Flanges EN 1092-1 PN 10 + vertical partition
- Type 5: 4 x Flanges EN 1092-1 PN 10 + waterdistribution tubes
- Type 6: 4 x Flanges EN 1092-1 PN 10 + 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.



# LORIVAN

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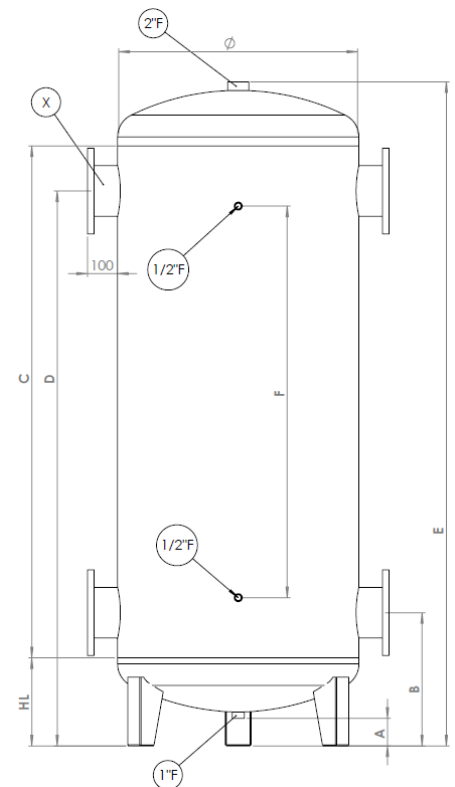


## Standards

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-SS-B
300	600	280	80	380	380	900	1110	1080	1080	1420	600	2"F	DN 65	G-P-PE-SS-B
500	600	280	80	380	380	1500	1680	1680	1680	1990	1100	3"F	DN 80	G-P-PE-SS-B
750	800	295	85	395	395	1250	1445	1445	1445	1740	850	3"F	DN 100	G-P-PE-SS-B
1000	800	295	85	395	445	1700	1895	1845	1845	2190	1300	3"F	DN 150	G-P-PE-SS-B
1500	1000	365	100	465	515	1700	1965	1915	1915	2350	1300	3"F	DN 150	G-P-PE-EP-SS-B
2000	1100	380	100	480	530	1800	2080	2030	2030	2460	1400	3"F	DN 200	G-P-PE-EP-SS-B
3000	1250	480	100	580	630	2000	2380	2330	2330	2860	1600	3"F	DN 200	G-P-PE-EP-SS-B
4200	1400	480	100	580	630	2000	2380	2330	2330	2900	1600	3"F	DN 200	G-P-PE-EP-SS-B
5000	1600	500	100	600	650	2000	2400	2350	2350	2900	1600	3"F	DN 200	G-P-PE-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-PE-DN100



### •• Finish possibilities:

- G = Hot dip galvanized EN ISO 1461 max. ø1800 mm
- P = External steelblasted and anti-corrosion primer
- PE = 400 microns plasticized PE-lining max. 75°C.
- EP = Internally epoxy-coated from diam. 1000 mm
- SS = Stainless steel 2B-finish, Pickled+passivation
- B = Untreated / black steel

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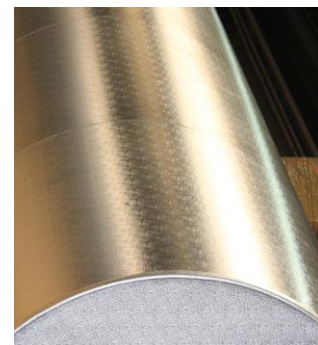


## Insulations for hot & cold watertanks

- Soft PUR-insulation, with removable PVC cover with zip-closure



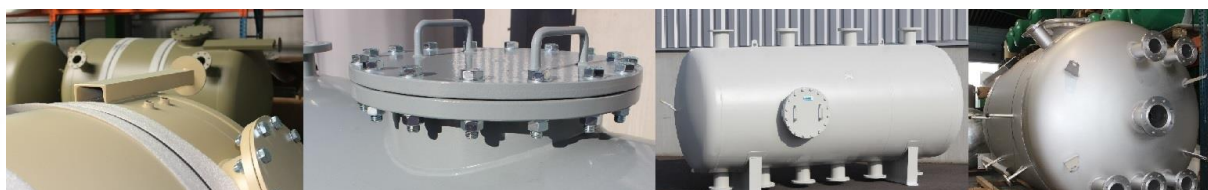
- Flexible closed cell insulation, possible with cover in stucco-aluminium or stainless steel



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



- Insulation mattresses with rockwool or glasswool



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