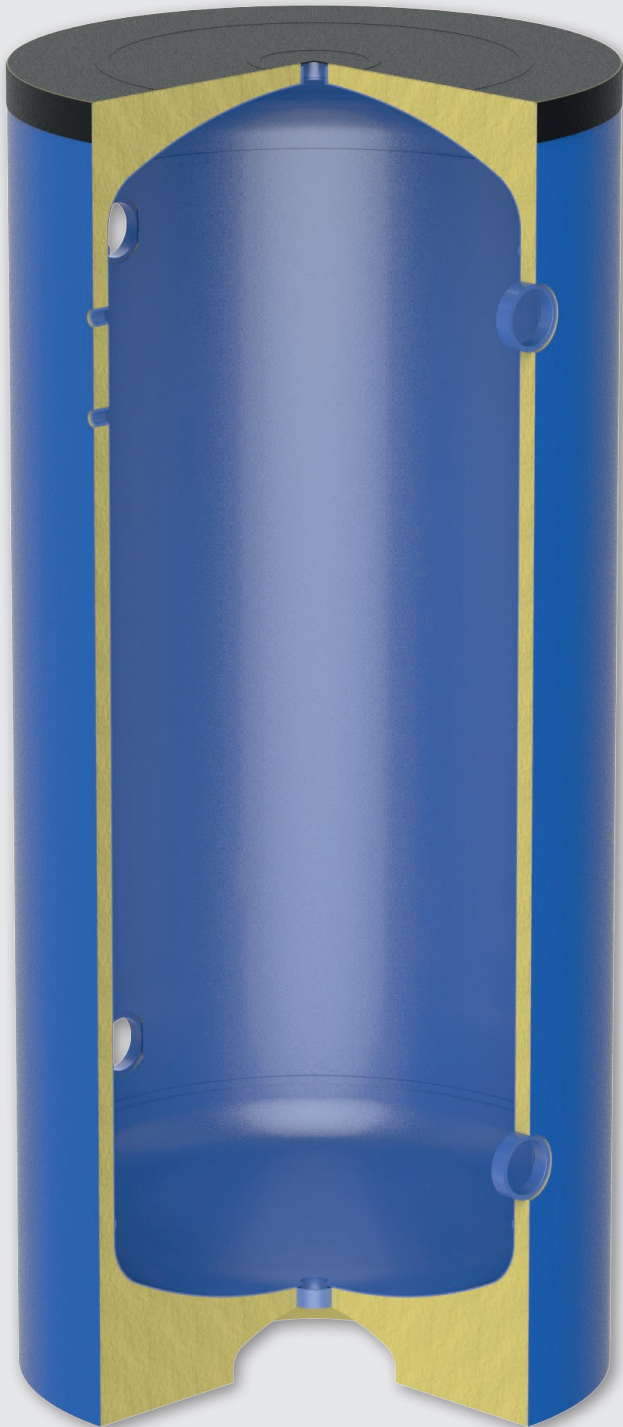


Cold Water Storage Tanks  
VKT series  
(enamelled)



industrial

# Cold Water Storage Tanks

## VKT series (enamelled)

The tanks in the VKT series, which are internally enamelled and insulated for use with chilled water, are usually used to increase thermal inertia in Layout 2 plants. The internal enamelling ensures protection against corrosion.

**Material:** carbon steel

**Treatment:** Bluetech internal enamelling with thermosetting resins

### External covering

Model	Type	Usage
VKT	coloured PVC	indoor

### Insulation

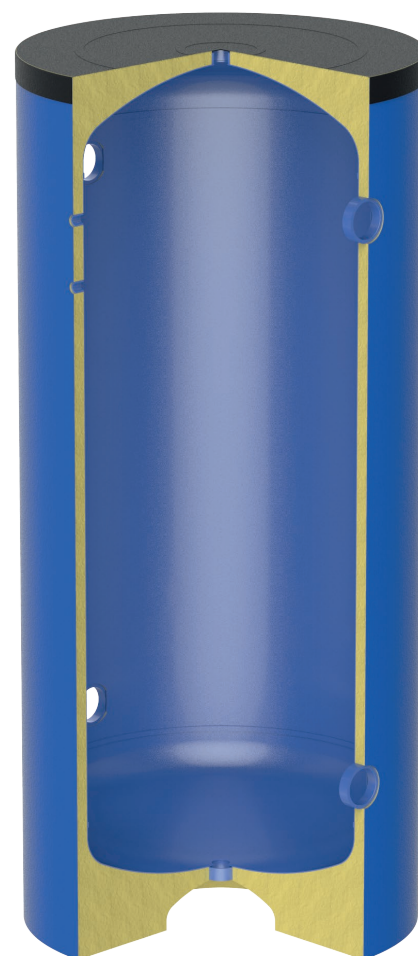
Capacity (l)	Type	Thick. (mm)
from 100 to 1000	High density rigid polyurethane foam	30
from 1500	Closed cell polyethylene foam	20

### Operational limits

Min temperature	Max temperature	Max pressure
-10 °C	60 °C	6 bar

 **Standard Accessories:** see pag. 128

 **Special versions:** see pag. 129



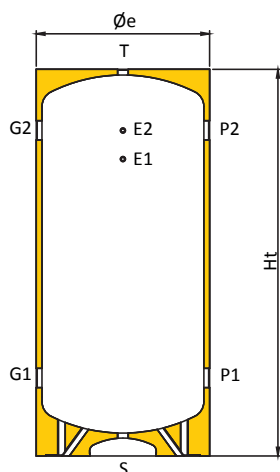
**TESTED**

Capacity l	VKT		With packaging vertical	
	Code	Price	Dimensions cm	Weight kg
100	816080001X		49x49x107	24
200	816080002X		54x54x145,5	36
300	816080003X		64x64x154,5	46
500	816080004X		74x74x183,5	78
800	816080005X		88x88x186	105
1000	816080006X		94x94x214,6	129
1500	816080007X		107x107x228	182
2000	816080008X		117x117x260	250
2500	816080009X		132x132x239,5	267
3000	816080010X		132x132x289,5	314
4000	816080011X		147x147x296,5	470
5000	816080012X		167x167x300,5	557

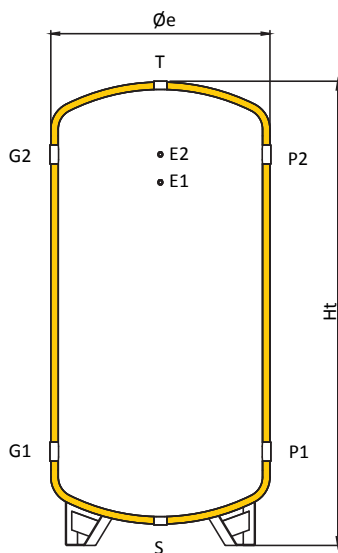
# Cold Water Storage Tanks: Dimensions

## VKT series

100 < cap. < 1.000



1.500 < cap. < 5.000



### Legend

<b>E1 - E2</b>	Probe/Thermostat
<b>G1</b>	Return from heating
<b>G2</b>	Auxiliary-free
<b>P1</b>	Auxiliary-free
<b>P2</b>	Return from energy source
<b>S</b>	Drain
<b>T</b>	Vent

### Couplings chart

Capacity l	E1 - E2 inch	G1 - G2 inch	P1 - P2 inch	S - T inch
100	1/2'	1 1/2	1 1/2	1 1/4
200	1/2'	1 1/2	1 1/2	1 1/4
300	1/2'	2'	2'	1 1/4
500	1/2'	3'	3'	1 1/4
800	1/2'	3'	3'	1 1/2
1000	1/2'	3'	3'	1 1/2
1500	1/2'	3'	3'	2'
2000	1/2'	3'	3'	2'
2500	1/2'	4'	4'	2'
3000	1/2'	4'	4'	2'
4000	1/2'	4'	4'	2'
5000	1/2'	4'	4'	2'

### Height chart

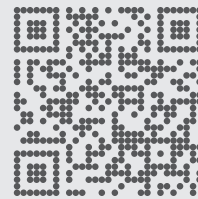
Capacity l	Øe mm	Ht mm	R' mm	E1 mm	E2 mm	G1 mm	G2 mm	P1 mm	P2 mm	S mm	T mm
100	460	950	1055	610	760	290	760	290	760	125	950
200	510	1335	1430	990	1140	290	1140	290	1140	120	1335
300	610	1425	1550	1015	1165	365	1165	365	1165	130	1425
500	710	1715	1855	1285	1435	385	1435	385	1435	135	1715
800	850	1740	1940	1295	1445	395	1445	395	1445	125	1740
1000	910	2026	2220	1560	1710	410	1710	410	1710	120	2026
1500	1040	2160	2398	1650	1800	500	1800	500	1800	165	2160
2000	1140	2480	2730	1955	2105	505	2105	505	2105	155	2480
2500	1290	2275	2616	1715	1865	565	1865	565	1865	180	2275
3000	1290	2775	3061	2215	2365	565	2365	565	2365	180	2775
4000	1440	2845	3189	2240	2390	590	2390	590	2390	160	2845
5000	1640	2885	3319	2250	2400	600	2400	600	2400	140	2885

R': Reversal quota



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