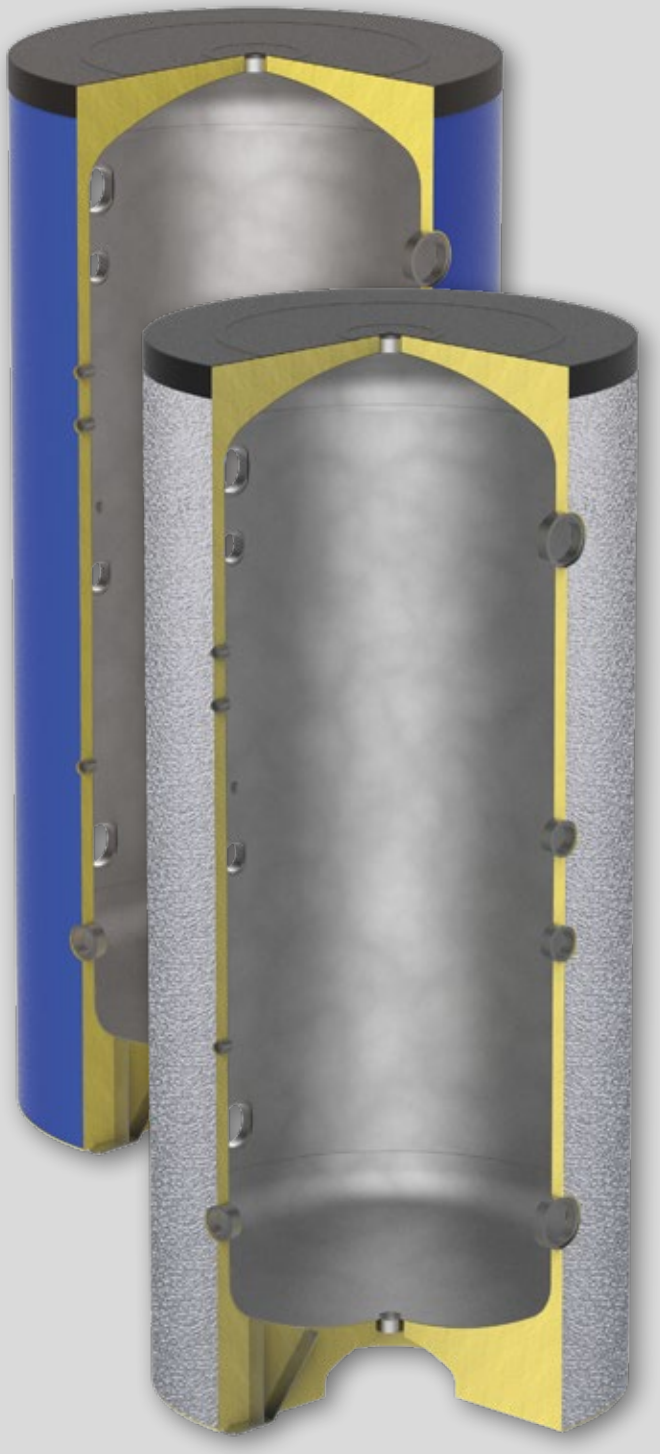
Inertial Tanks
VKG-HC, VKGE-HC serie
(Hot & Cold)

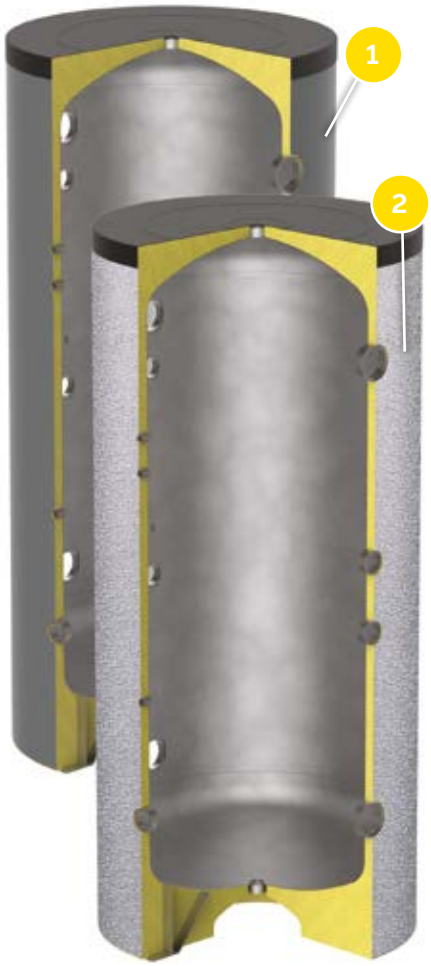


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Cold Water Storage Tanks
VKG-HC, VKGE-HC series (Hot & Cold)

The VKG-HC series contains insulated tanks for "HOT & COLD" applications, which are usually used to increase thermal inertia of the device. Suitable for heat pumps to avoid compressor/generator restarts. VKG-HC have two additional couplings dedicated for an optional additional source.



Material: carbon steel

External covering

Model	Type	Usage	
VKG-HC	coloured PVC	indoor	1
VKGE-HC	embossed aluminium sheet	outdoor	2

Insulation

Capacity (l)	Type
from 100 to 1000	High density rigid polyurethane foam
from 1.500	Closed cell polyethylene foam + Polyester Fiber

Operational limits

Min temperature	Max temperature	Max pressure
-10 °C	90 °C	6 bar

Standard Accessories: see pag. 102

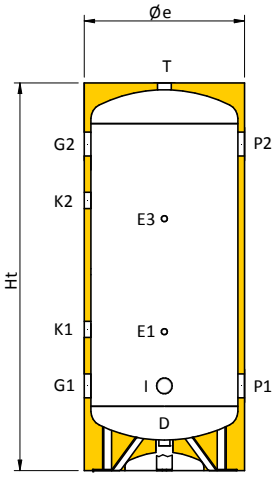
Special versions: see pag. 105

TESTED

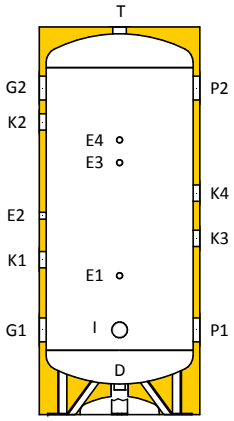
	VKG-HC vertical, coloured PVC		VKGE-HC vertical, embossed al. sheet			Vertical Packaging	
Capacity l	Code	Price	Code	Price	Energy label	Dimensions cm	Weight kg
100	817010285X		817010293H8X		B	49x49x107	35
200	817010286X		817010294H8X		C	54x54x146	40
300	817010287X		817010295H8X		B	64x64x180	60
500	817010288X		817010296H8X		C	74x74x184	95
750	817010289X		817010297H8X		C	95x95x178	120
1000	817010290X		817010298H8X		C	105x105x209	140
1500	817010291X				C	130X130X238	222
2000	817010292X				C	140X140X270	314
2500	817010336X					150X150X249	331
3000	817010337X					150X150X299	389
4000	817010338X					170X170X306	557
5000	817010339X					190X190X310	645

Cold Water Storage Tanks: Dimensions VKG-HC, VKGE-HC series

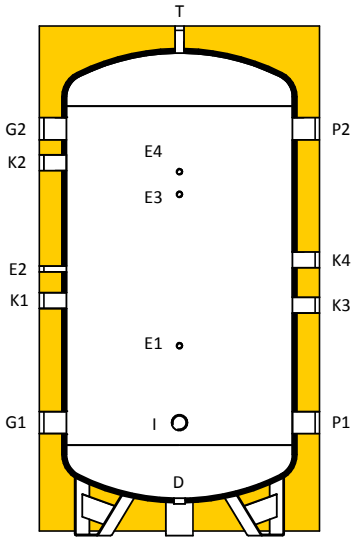
100 ≤ cap. ≤ 200



300 ≤ cap. ≤ 1000



1.500 ≤ cap. ≤ 5.000



Couplings legend

D	Drain
E1	Probe / Thermometer
E2	Probe / Thermometer
E3	Probe / Thermometer
E4	Probe / Thermometer
G1	From plant
G2	To plant
I	Electrical resistor
K1	Auxiliary
K2	Auxiliary
K3	Auxiliary
K4	Auxiliary
P1	To energy source
P2	From energy source
T	Vent

Couplings chart

Cap. l	D inch	E1 inch	E2 inch	E3 inch	E4 inch	G1 inch	G2 inch	I inch	K1 inch	K2 inch	K3 inch	K4 inch	P1 inch	P2 inch	T inch
100	1"1/4	1/2"	-	1/2"	-	1"1/2	1"1/2	2"	1"1/2	1"1/2	-	-	1"1/2	1"1/2	1"1/4
200	1"1/4	1/2"	-	1/2"	-	1"1/2	1"1/2	2"	1"1/2	1"1/2	-	-	1"1/2	1"1/2	1"1/4
300	1"1/4	1/2"	1/2"	1/2"	1/2"	2"	2"	2"	1"1/2	1"1/2	1"1/2	1"1/2	2"	2"	1"1/4
500	1"1/4	1/2"	1/2"	1/2"	1/2"	3"	3"	2"	2"	2"	2"	2"	3"	3"	1"1/4
750	1"1/2	1/2"	1/2"	1/2"	1/2"	3"	3"	2"	2"	2"	2"	2"	3"	3"	1"1/2
1000	1"1/2	1/2"	1/2"	1/2"	1/2"	3"	3"	2"	2"	2"	2"	2"	3"	3"	1"1/2
1500	2"	1/2"	1/2"	1/2"	1/2"	3"	3"	2"	2"	2"	2"	2"	3"	3"	2"
2000	2"	1/2"	1/2"	1/2"	1/2"	3"	3"	2"	2"	2"	2"	2"	3"	3"	2"
2500	2"	1/2"	1/2"	1/2"	1/2"	4"	4"	2"	2"	2"	2"	2"	4"	4"	2"
3000	2"	1/2"	1/2"	1/2"	1/2"	4"	4"	2"	2"	2"	2"	2"	4"	4"	2"
4000	2"	1/2"	1/2"	1/2"	1/2"	4"	4"	2"	2"	2"	2"	2"	4"	4"	2"
5000	2"	1/2"	1/2"	1/2"	1/2"	4"	4"	2"	2"	2"	2"	2"	4"	4"	2"

Size chart

Cap. l	Øe mm	Ht mm	R* mm	D mm	E1 mm	E2 mm	E3 mm	E4 mm	G1 mm	G2 mm	I mm	K1 mm	K2 mm	K3 mm	K4 mm	P1 mm	P2 mm
100	460	950	1060	125	395	-	655	-	285	765	285	445	605	-	-	285	765
200	510	1335	1430	125	520	-	920	-	320	1120	320	580	850	-	-	320	1120
300	610	1680	1790	130	555	895	1055	1155	355	1405	355	645	1255	780	980	355	1405
500	760	1735	1895	140	620	885	1120	1220	380	1450	380	690	1300	785	985	380	1450
750	910	1765	1990	125	685	885	1145	1245	395	1445	395	685	1295	820	1020	395	1445
1000	1010	2075	2310	125	755	1095	1405	1505	415	1715	415	955	1565	955	1155	415	1715
1500	1220	2245	2560	165	840	1180	1510	1610	500	1800	500	1040	1650	1020	1220	500	1800
2000	1320	2565	2885	155	885	1450	1815	1915	505	2105	505	1345	1955	1180	1380	505	2105
2500	1470	2360	2785	180	1015	1255	1515	1665	565	1865	565	1005	1615	1115	1315	565	1865
3000	1470	2860	3220	180	1315	1755	1815	1965	565	2365	565	1505	2115	1365	1565	565	2365
4000	1620	2930	3350	160	1340	1780	1840	1990	590	2390	590	1530	2140	1390	1590	590	2390
5000	1820	2970	3485	140	1350	1790	1850	2000	600	2400	600	1540	2150	1400	1600	600	2400

R*: Reversal quota



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