

Cold Water Storage Tanks
VKD series
(diffusing pipes)



info

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The insulated VKD tanks for chilled water are usually used to increase thermal inertia of the Layout 2 conditioning device. They are equipped with diffuser pipes which connect the two circuits linked to the tank. Energy is supplied or subtracted through the diffuser's circumferential probes. In this way the mixing of fluids is significantly reduced.

Material: carbon steel

External covering

Model	Type	Usage
VKD	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

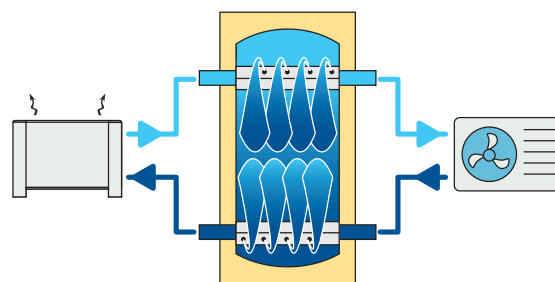
 **Standard Accessories:** see pag. 128

 **Special versions:** see pag. 129



TESTED

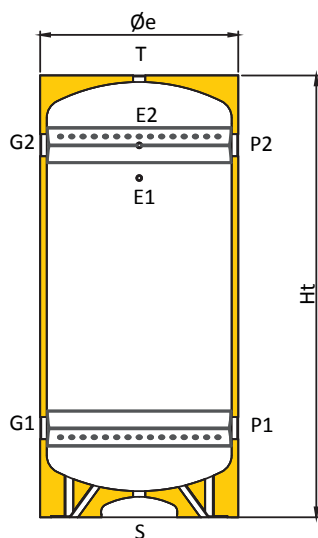
Capacity l	VKD		With packaging vertical	
	Code	Price	Dimensions cm	Weight kg
100	816010417		49x49x107	26
200	816010418		54x54x145,5	37
300	816010419		64x64x154,5	50
500	816010420		74x74x183,5	85
800	816010421		88x88x186	113
1000	816010422		94x94x214,6	138
1500	816010423		107x107x228	193
2000	816010424		117x117x260	262
2500	816010425		132x132x239,5	283
3000	816010426		132x132x289,5	330
4000	816010427		147x147x296,5	487
5000	816010428		167x167x300,5	577



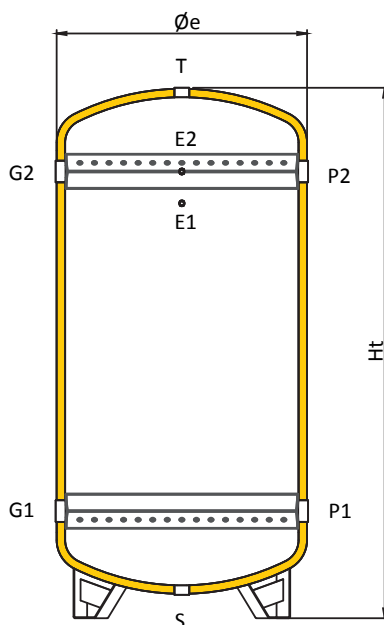
Cold Water Storage Tanks: Dimensions

VKD series

100 < cap. < 1.000



1.500 < cap. < 5.000



Legend

E1 - E2 Probe/Thermostat

G1 Return from heating

G2 Auxiliary-free

P1 Auxiliary-free

P2 Return from energy source

S Drain

T 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

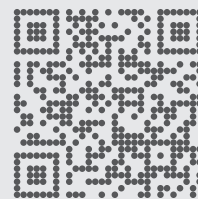
Capacity l	Øe mm	Ht mm	R* mm	E1 mm	E2 mm	G1 mm	G2 mm	P1 mm	P2 mm	S mm	T mm
100	460	950	1055	610	760	290	760	290	760	125	950
200	510	1335	1430	990	1140	290	1140	290	1140	120	1335
300	610	1425	1550	1015	1165	365	1165	365	1165	130	1425
500	710	1715	1855	1285	1435	385	1435	385	1435	135	1715
800	850	1740	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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