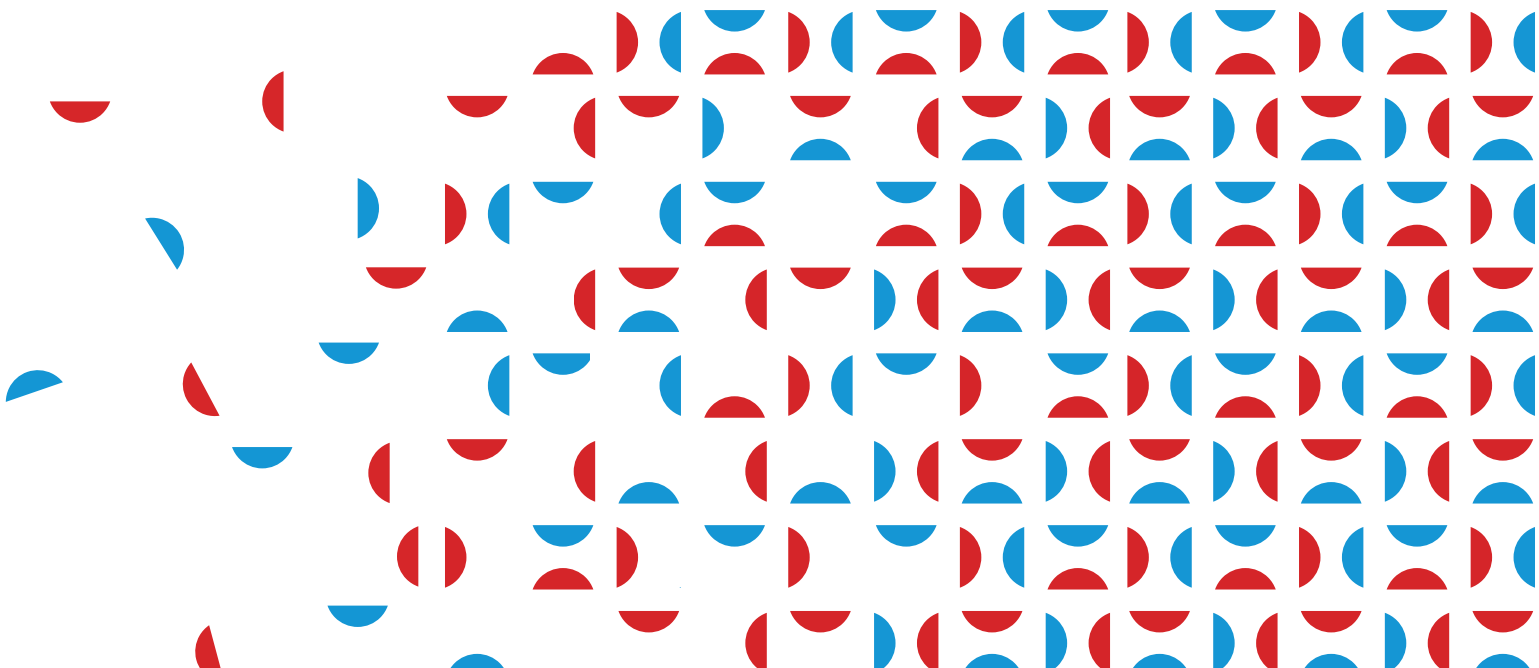


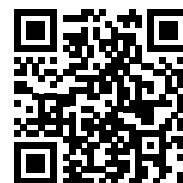
BUFFER TANKS

COOLING WATER

ARE D



Inertial storage ARE D



PRICES

ARE D insulated chilled water tanks are normally used to increase the thermal inertia of the Layout 2 system type. They are equipped with diffuser tubes that directly connect the two circuits connected to the tank. Through the diffuser's circumferential holes, energy is transferred or subtracted from the storage tank. This minimises the phenomenon of mixing within the tank.

Material: carbon steel

Exterior cladding

Model	Type	Use
ARE D	Coloured PVC	inside

Insulation

Capacity (L)	Type	Thickness (mm)
from 100 to 1000	High-density rigid polyurethane foam	30
by 1500	Closed-cell polyethylene foam	20

Limit of use

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



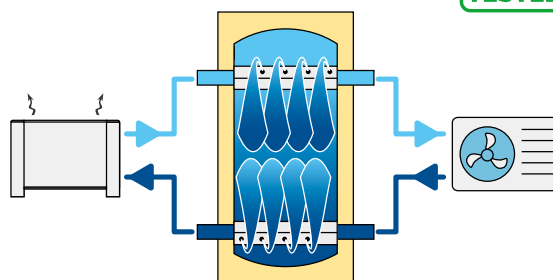
Standard accessories: see page 208



Special executions: see page 210

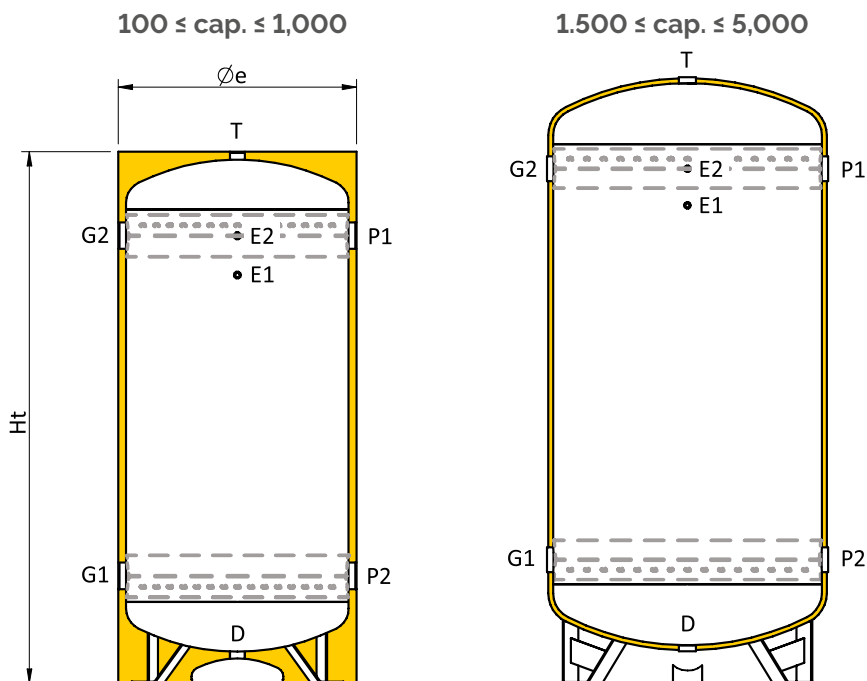


TESTED



Capacity L	ARE D		With vertical packaging	
	Code	Price	Dimensions cm	Weight kg
100	316010417	796,00 €	49x49x107	26
200	316010418	855,00 €	54x54x146	37
300	316010419	1.034,00 €	64x64x155	50
500	316010420	1.259,00 €	74x74x184	85
800	316010421	1.730,00 €	88x88x186	113
1000	316010422	1.955,00 €	94x94x215	138
1500	316010423	2.607,00 €	107x107x228	193
2000	316010424	3.213,00 €	117x117x260	262
2500	316010425	3.865,00 €	132x132x240	283
3000	316010426	4.337,00 €	132x132x290	330
4000	316010427	5.213,00 €	147x147x297	487
5000	316010428	6.606,00 €	167x167x301	577

Inertial storage: Dimensions ARE D Series



Connection legend

D	Drain
E1	Probe/Thermometer
E2	Probe/Thermometer
G1	Input from plant
G2	Output to plant
P1	Output to energy source
P2	Input from energy source
T	Venting

Connection table

Capacity L	D inches	E1 inches	E2 inches	G1 inches	G2 inches	P1 inches	P2 inches	T inches
100	1 1/4	1/2"	1/2"	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	1 1/2	1 1/2	1 1/4
300	1 1/4	1/2"	1/2"	2"	2"	2"	2"	1 1/4
500	1 1/4	1/2"	1/2"	3"	3"	3"	3"	1 1/4
800	1 1/2	1/2"	1/2"	3"	3"	3"	3"	1 1/2
1000	1 1/2	1/2"	1/2"	3"	3"	3"	3"	1 1/2
1500	2"	1/2"	1/2"	3"	3"	3"	3"	2"
2000	2"	1/2"	1/2"	3"	3"	3"	3"	2"
2500	2"	1/2"	1/2"	4"	4"	4"	4"	2"
3000	2"	1/2"	1/2"	4"	4"	4"	4"	2"
4000	2"	1/2"	1/2"	4"	4"	4"	4"	2"
5000	2"	1/2"	1/2"	4"	4"	4"	4"	2"

Size table

Capacity L	Øe mm	Ht mm	R* mm	D mm	E1 mm	E2 mm	G1 mm	G2 mm	P1 mm	P2 mm
100	460	950	1060	125	610	760	760	290	760	290
200	510	1335	1430	120	990	1140	1140	290	1140	290
300	610	1425	1555	130	1015	1165	1165	365	1165	365
500	710	1710	1855	135	1285	1435	1435	385	1435	385
800	850	1740	1940	125	1295	1445	1445	395	1445	395
1000	910	2025	2225	120	1560	1710	1710	410	1710	410
1500	1040	2160	2400	165	1650	1800	1800	500	1800	500
2000	1140	2480	2730	155	1955	2105	2105	505	2105	505
2500	1290	2275	2620	180	1715	1865	1865	565	1865	565
3000	1290	2775	3060	180	2215	2365	2365	565	2365	565
4000	1440	2845	3190	160	2240	2390	2390	590	2390	590
5000	1640	2885	3320	140	2250	2400	2400	600	2400	600

R*: Tipping height

Wenkel S.r.l

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