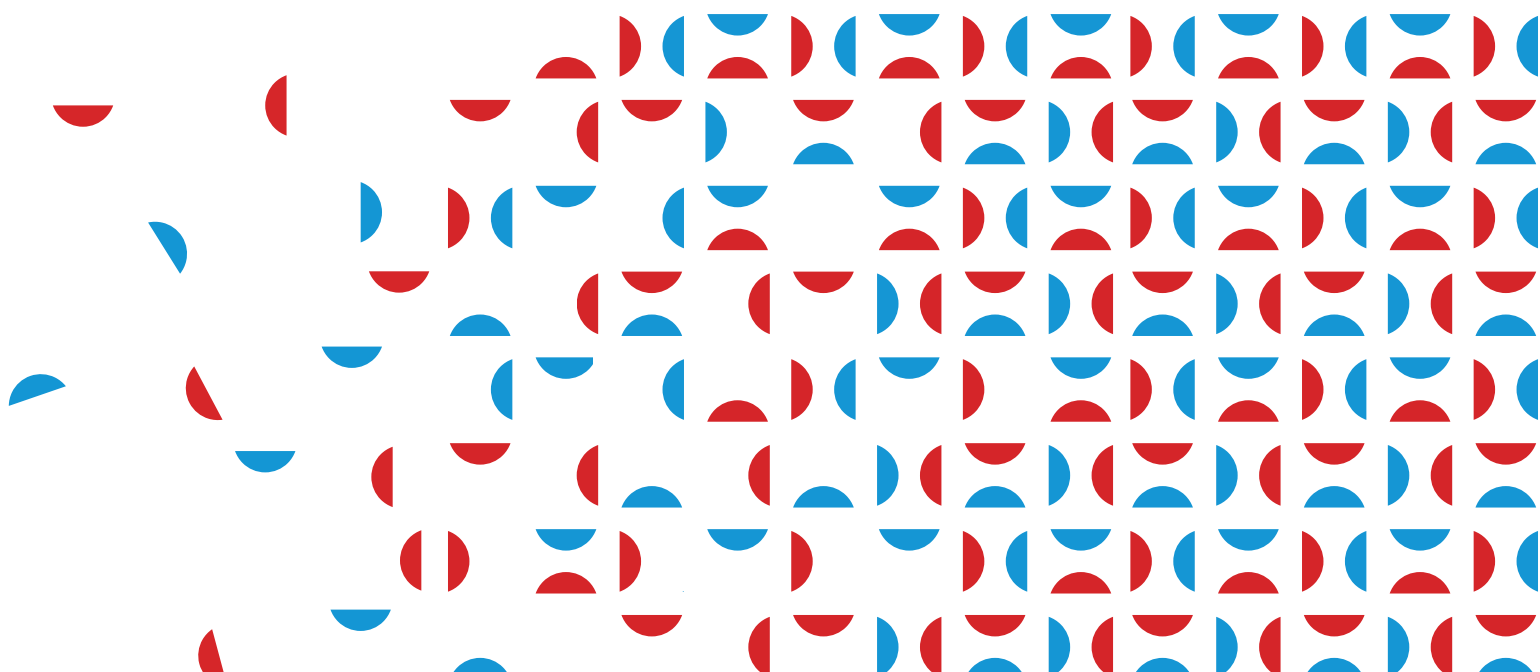


BUFFER TANKS

COOLING WATER

AR



Inertial storage

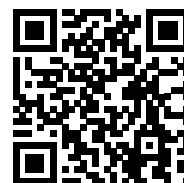
AR, ARE



PRICES
AR



PRICES
ARE



HORIZONTAL
AR PRICES

The AR series includes galvanised and insulated chilled water tanks, normally used to increase the thermal inertia of air conditioning systems. Galvanisation provides protection against tank corrosion.

Material: carbon steel

Treatment: internal and external hot-dip galvanising

Exterior cladding

Model	Type	Use
AR	Coloured PVC	inside
ARE	embossed aluminium sheet	outside

1
2

Insulation

Capacity (L)	Type	Thickness (mm)
from 100 to 1000	High-density rigid polyurethane foam	30
from 1500 + Horizontal versions	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

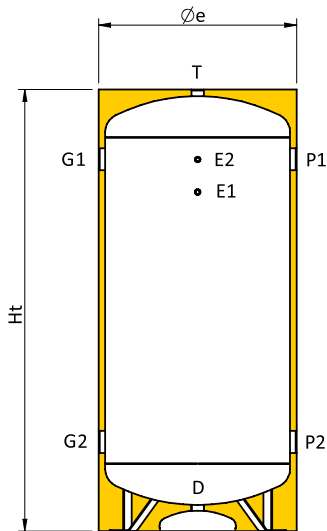


TESTED

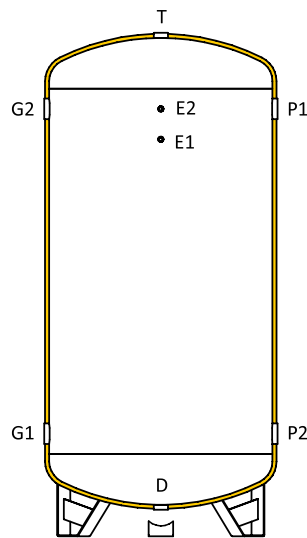
Capacity L	AR vertical coloured PVC		ARE vertical embossed sheet metal		With vertical packaging		AR horizontal coloured PVC	
	Code	Price	Code	Price	Dimensions cm	Weight kg	Code	Price
100	316020064	657,00 €	316020040H8X	765,00 €	49x49x107	25	316020076	710,00 €
200	316020065	799,00 €	316020041H8X	952,00 €	54x54x146	37	316020077	859,00 €
300	316020066	977,00 €	316020042H8X	1.189,00 €	64x64x155	48	316020078	1.093,00 €
500	316020067	1.314,00 €	316020043H8X	1.665,00 €	74x74x184	81	316020079	1.426,00 €
800	316020068	1.618,00 €	316020044H8X	2.021,00 €	88x88x186	110	316020080	1.832,00 €
1000	316020069	1.827,00 €	316020045H8X	2.219,00 €	94x94x215	135	316020081	2.380,00 €
1500	316020070	2.530,00 €			107x107x228	192	316020082	2.821,00 €
2000	316020071	3.263,00 €			117x117x260	264	316020083	3.548,00 €
2500	316020072	3.740,00 €			132x132x240	281	316020084	4.009,00 €
3000	316020073	4.326,00 €			132x132x290	331	316020085	4.683,00 €
4000	316020074	5.609,00 €			147x147x297	496	316020086	5.943,00 €
5000	316020075	6.965,00 €			167x167x301	587	316020087	7.308,00 €

Inertial storage: AR, ARE dimensions

100 ≤ cap. ≤ 1,000



1.500 ≤ cap. ≤ 5,000

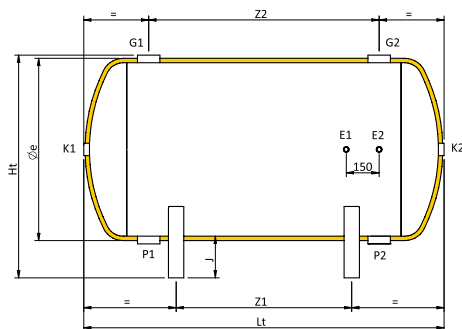


Connection legend

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

Table of dimensions and connections for vertical execution

Cap. L	Øe mm	Ht mm	R* mm	D mm	E1 mm	E2 mm	G1 mm	G2 mm	P1 mm	P2 mm	D inches	E1 inches	E2 inches	G1 inches	G2 inches	P1 inches	P2 inches	T inches
100	460	950	1060	125	610	760	760	290	760	290	1'1/4	1/2"	1/2"	1'1/2	1'1/2	1'1/2	1'1/2	1'1/4
200	510	1335	1430	120	990	1140	1140	290	1140	290	1'1/4	1/2"	1/2"	1'1/2	1'1/2	1'1/2	1'1/2	1'1/4
300	610	1425	1555	130	1015	1165	1165	365	1165	365	1'1/4	1/2"	1/2"	2"	2"	2"	2"	1'1/4
500	710	1710	1855	135	1285	1435	1435	385	1435	385	1'1/4	1/2"	1/2"	3"	3"	3"	3"	1'1/4
800	850	1740	1940	125	1295	1445	1445	395	1445	395	1'1/2	1/2"	1/2"	3"	3"	3"	3"	1'1/2
1000	910	2025	2225	120	1560	1710	1710	410	1710	410	1'1/2	1/2"	1/2"	3"	3"	3"	3"	1'1/2
1500	1040	2160	2400	165	1650	1800	1800	500	1800	500	2"	1/2"	1/2"	3"	3"	3"	3"	2"
2000	1140	2480	2730	155	1955	2105	2105	505	2105	505	2"	1/2"	1/2"	3"	3"	3"	3"	2"
2500	1290	2275	2620	180	1715	1865	1865	565	1865	565	2"	1/2"	1/2"	4"	4"	4"	4"	2"
3000	1290	2775	3060	180	2215	2365	2365	565	2365	565	2"	1/2"	1/2"	4"	4"	4"	4"	2"
4000	1440	2845	3190	160	2240	2390	2390	590	2390	590	2"	1/2"	1/2"	4"	4"	4"	4"	2"
5000	1640	2885	3320	140	2250	2400	2400	600	2400	600	2"	1/2"	1/2"	4"	4"	4"	4"	2"



Connection legend

E1	Probe/Thermometer
E2	Probe/Thermometer
G1	Input from plant
G2	Output to plant
K1	Auxiliary
K2	Auxiliary
P1	Output to energy source
P2	Input from energy source

Table of dimensions and connections for horizontal execution

Cap. L	Øe mm	Lt mm	Ht mm	J mm	Z1 mm	Z2 mm	E1 inches	E2 inches	G1 inches	G2 inches	K1 inches	K2 inches	P1 inches	P2 inches
100	440	850	545	120	310	470	1/2"	1/2"	1'1/2	1'1/2	1'1/4	1'1/4	1'1/2	1'1/2
200	490	1240	595	120	700	850	1/2"	1/2"	1'1/2	1'1/2	1'1/4	1'1/4	1'1/2	1'1/2
300	590	1320	715	140	600	800	1/2"	1/2"	2"	2"	1'1/4	1'1/4	2"	2"
500	690	1600	865	190	900	1050	1/2"	1/2"	3"	3"	1'1/4	1'1/4	3"	3"
800	830	1640	1005	190	900	1050	1/2"	1/2"	3"	3"	1'1/2	1'1/2	3"	3"
1000	890	1930	1065	190	1130	1300	1/2"	1/2"	3"	3"	1'1/2	1'1/2	3"	3"
1500	1040	2020	1215	190	950	1300	1/2"	1/2"	3"	3"	2"	2"	3"	3"
2000	1140	2350	1325	200	13320	1600	1/2"	1/2"	3"	3"	2"	2"	3"	3"
2500	1290	2120	1500	225	1020	1300	1/2"	1/2"	4"	4"	2"	2"	4"	4"
3000	1290	2620	1500	225	1390	1800	1/2"	1/2"	4"	4"	2"	2"	4"	4"
4000	1440	2710	1650	225	1380	1800	1/2"	1/2"	4"	4"	2"	2"	4"	4"
5000	1640	2770	1850	225	1380	1800	1/2"	1/2"	4"	4"	2"	2"	4"	4"

R*: Tipping height

Wenkel S.r.l

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