

**GREZZI
MILD STEEL**



ACCUMULI INERZIALI E PER ACQUA REFRIGERATA INERTIAL AND CHILLED WATER TANKS

ARE

Capacità/Storage: 100 ÷ 5000 lt



SERBATOI PER IMPIANTI EVOLUTI

Serbatoi inerziali e per acqua refrigerata completi di sistemi per il convogliamento dei flussi, progettati per essere installati in impianti di riscaldamento, condizionamento e refrigerazione per aumentarne l'inerzia termica, ed anche con funzione di separatore idraulico.

SERIE ARE-S

Serbatoio dotato di setti divisorii che permettono di evitare flussi preferenziali all'interno del serbatoio creando le condizioni per una distribuzione ottimale della temperatura. Sistema indicato per portate medie ed elevate. Particolarmente indicato anche nelle esecuzioni speciali in cui il serbatoio è predisposto per essere collegato a più di due circuiti.

SERIE ARE-C

Serbatoio dotato di tubi convogliatori che creano un circuito preferenziale all'interno del serbatoio. Sistema indicato per portate medie ed elevate.

SERIE ARE-D

Serbatoio dotato di tubi diffusori che collegano direttamente i due circuiti collegati al serbatoio. Mediante i fori sulla circonferenza del diffusore viene ceduta o sottratta energia all'accumulo. Con questo sistema il fenomeno della miscelazione all'interno del serbatoio viene ridotto al minimo. Sistema indicato per portate elevate.

CARATTERISTICHE

Serbatoio: acciaio al carbonio grezzo, verniciato esternamente

Pressione d'esercizio max: 6 bar

Temperatura d'esercizio: -10°C + 60°C

Coibentazione: poliuretano rigido 30mm fino a 1000 litri e coibentazione in elastomero espanso a cellula chiusa con funzione anti-condensa spessore 20 mm da 1500 fino a 5000 litri, rivestimento esterno in PVC.

DOUBLE CIRCUIT TANKS

Inertial and storage tanks for chilled water specially designed for heating, conditioning and cooling systems to increase the thermal inertia, and to work as hydraulic separator.

ARE-S SERIES

Tanks fitted with partitions to prevent any preferential flows inside the tank, thus ensuring the conditions for perfect temperature distribution. Suitable for average to high flow rates. Specially recommended for special executions where the tank can be connected to more than two circuits.

ARE-C SERIES

Tanks fitted with deviating pipes that create a preferential circuit inside the tank. Suitable for average to high flow rates.

ARE-D SERIES

Tanks fitted with diffusing pipes which directly join the two circuits connected to the tank. The circumferential holes of the diffuser allow to release or absorb power from the storage. As a result, mixing inside the tank is minimized. Suitable for high flow rates.

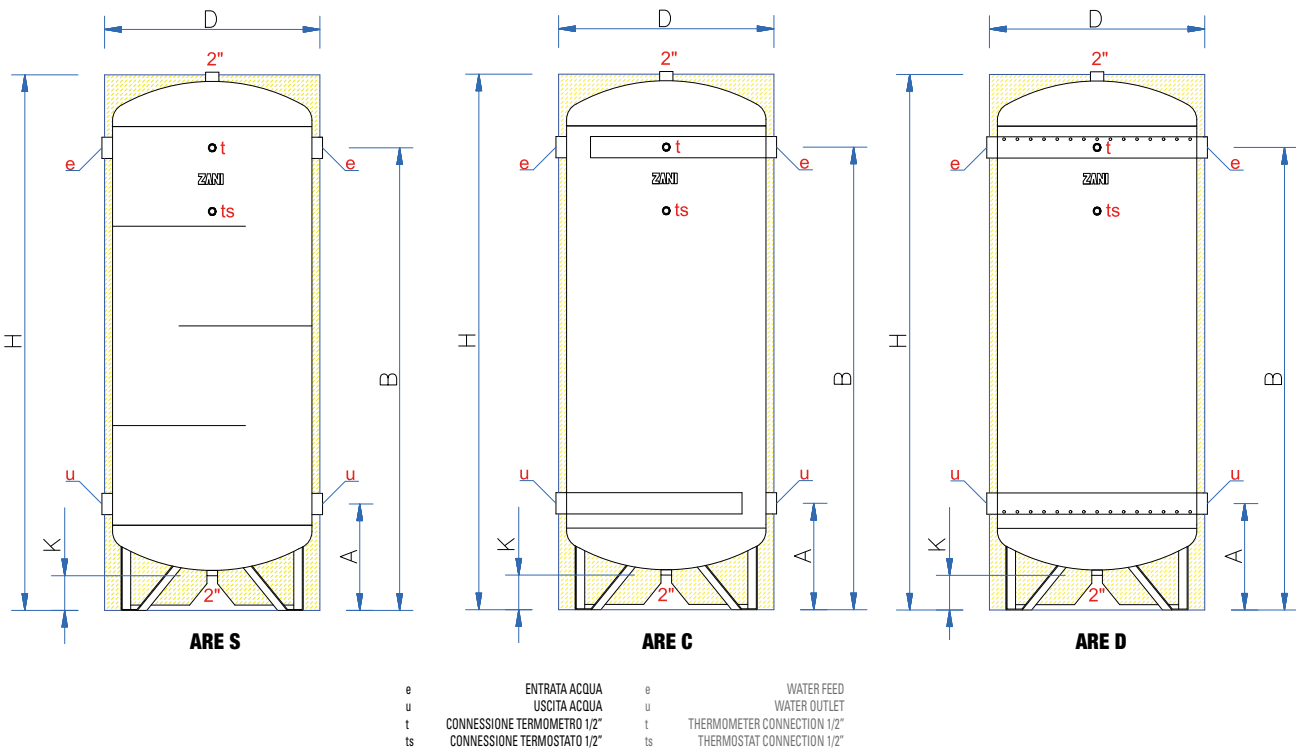
TECHNICAL FEATURES

Tank: in mild steel, externally painted

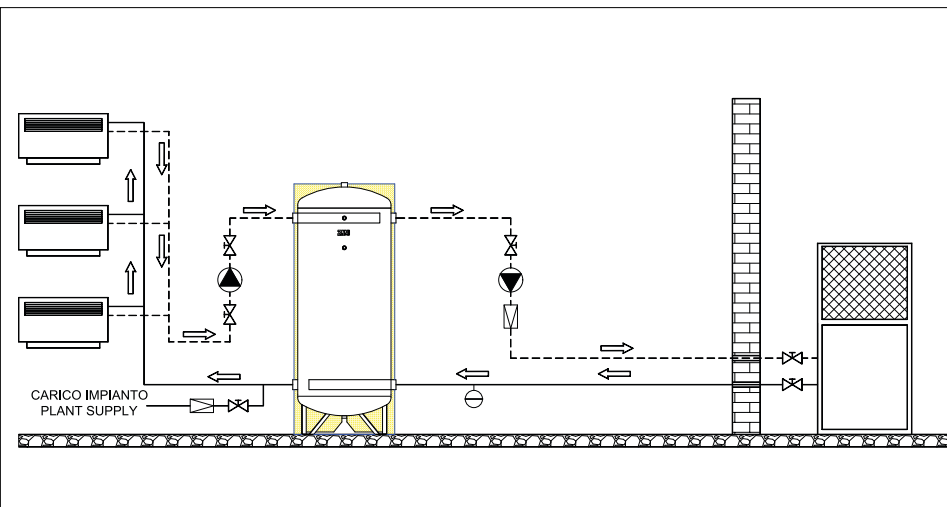
Max working pressure: 6 bar

Working temperature: -10°C + 60°C

Insulation: 30 mm. rigid polyurethane up to 1000 liters, 20 mm. closed-cells elastomeric foam preventing the development of condensate from 1500 to 5000 liters. Outer jacket in PVC.



ESEMPIO DI IMPIANTO EVOLUTO / DOUBLE CIRCUIT EXAMPLE



DATI TECNICI / TECHNICAL FEATURES

Modello	Litri	Ø attacchi
		e-u
ARE (S/C/D)-1	100	1"1/2
ARE (S/C/D)-2	200	1"1/2
ARE (S/C/D)-3	300	2"
ARE (S/C/D)-5	500	3"
ARE (S/C/D)-8	800	3"
ARE (S/C/D)-10	1000	3"
ARE (S/C/D)-15	1500	3"
ARE (S/C/D)-20	2000	3"
ARE (S/C/D)-25	2500	4"
ARE (S/C/D)-30	3000	4"
ARE (S/C/D)-40	4000	4"
ARE (S/C/D)-50	5000	4"

Model	Litres	e-u
		Ø connections
ARE (S/C/D)-1	100	1"1/2
ARE (S/C/D)-2	200	1"1/2
ARE (S/C/D)-3	300	2"
ARE (S/C/D)-5	500	3"
ARE (S/C/D)-8	800	3"
ARE (S/C/D)-10	1000	3"
ARE (S/C/D)-15	1500	3"
ARE (S/C/D)-20	2000	3"
ARE (S/C/D)-25	2500	4"
ARE (S/C/D)-30	3000	4"
ARE (S/C/D)-40	4000	4"
ARE (S/C/D)-50	5000	4"

DIMENSIONI / DIMENSIONS

Modello	Litri	D	H	K	A	B
ARE (S/C/D)-1	100	440	950	125	290	760
ARE (S/C/D)-2	200	490	1340	125	295	1145
ARE (S/C/D)-3	300	590	1425	130	365	1165
ARE (S/C/D)-5	500	690	1710	135	385	1435
ARE (S/C/D)-8	800	830	1741	125	395	1445
ARE (S/C/D)-10	1000	890	2026	120	410	1710
ARE (S/C/D)-15	1500	1040	2163	165	500	1800
ARE (S/C/D)-20	2000	1140	2483	155	505	2105
ARE (S/C/D)-25	2500	1240	2563	175	555	2155
ARE (S/C/D)-30	3000	1290	2778	180	565	2365
ARE (S/C/D)-40	4000	1440	2848	160	590	2390
ARE (S/C/D)-50	5000	1640	2888	140	600	2400

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ARE (S/C/D)-50	5000	1640	2888	140	600	2400

IMBALLO mm / PACKING mm

Modello	Altezza	Larghezza	Profondità	Peso kg (S/C/D)	
ARE (S/C/D)-1	1070	490	490	29	26 26
ARE (S/C/D)-2	1455	540	540	41	37 37
ARE (S/C/D)-3	1550	640	640	55	50 50
ARE (S/C/D)-5	1840	740	740	91	85 85
ARE (S/C/D)-8	1860	880	880	122	113 113
ARE (S/C/D)-10	2145	940	940	149	137 137
ARE (S/C/D)-15	2280	1070	1070	208	193 193
ARE (S/C/D)-20	2600	1170	1170	282	262 262
ARE (S/C/D)-25	2395	1320	1320	307	283 283
ARE (S/C/D)-30	2895	1320	1320	356	330 330
ARE (S/C/D)-40	2965	1470	1470	519	487 487
ARE (S/C/D)-50	3000	1670	1670	621	577 577

Model	Height	Width	Depth	Weight kg (S/C/D)	
ARE (S/C/D)-1	1070	490	490	29	26 26
ARE (S/C/D)-2	1455	540	540	41	37 37
ARE (S/C/D)-3	1550	640	640	55	50 50
ARE (S/C/D)-5	1840	740	740	91	85 85
ARE (S/C/D)-8	1860	880	880	122	113 113
ARE (S/C/D)-10	2145	940	940	149	137 137
ARE (S/C/D)-15	2280	1070	1070	208	193 193
ARE (S/C/D)-20	2600	1170	1170	282	262 262
ARE (S/C/D)-25	2395	1320	1320	307	283 283
ARE (S/C/D)-30	2895	1320	1320	356	330 330
ARE (S/C/D)-40	2965	1470	1470	519	487 487
ARE (S/C/D)-50	3000	1670	1670	621	577 577