

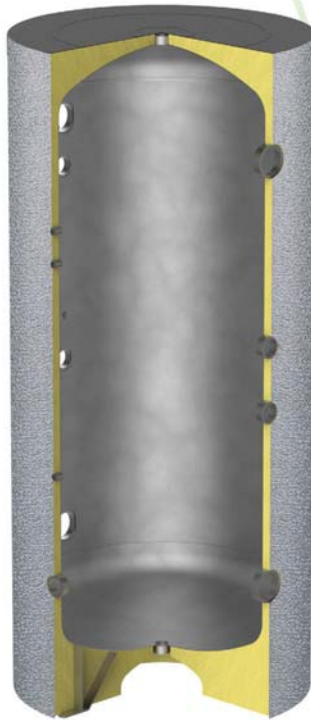
Hot & Cold water tanks

ACR-CH-Plus tanks, can be used for HOT & COLD systems, which are used to increase the thermal inertia of the system. The range of capacities ranges from 100 to 5,000 liters. By using it in heat pump systems, compressor start-ups and re-thaw loads can be reduced. Plus, its free connectors allow you to connect additional heat sources.

Material carbon steel, with colored PVC outer covering. Its insulation is non-removable rigid up to 100-1000 liters. Detachable closed-cell polyethylene + polyester fiber from 1500 liters.

The maximum permissible operating pressure of the storage tank is 6 bar, and its operating temperature is permitted between -10°C and 95°C.

The warranty is subject to the installation and maintenance specified in the warranty conditions.



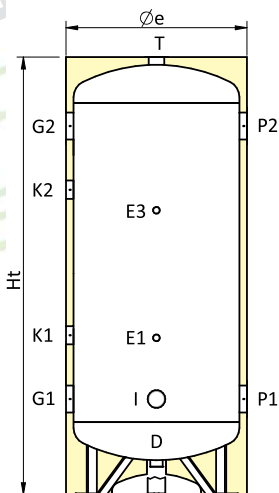
Technical specifications – 100–1000 liters

ACR-CH-PLUS-							
Type	Unit	100	200	300	500	750	1000
Nominal capacity	l	100	200	300	500	800	1000
ErP Energy class		B	C	B	C	C	C
Diameter with insulation (Øe)	mm	460	510	610	760	910	1010
Height (Ht)	mm	950	1335	1680	1735	1765	2075
Weight with packaging	kg	25	36	48	80	106	130
Tilt height	mm	1060	1430	1790	1895	1990	2310
Min. / max. operating temp.	°C	-10 / +90					
Max. working pressure	bar	6					
CONNECTIONS							
D - Drain		5/4"	5/4"	5/4"	5/4"	6/4"	6/4"
E1 - Probe / Thermometer		1/2"	1/2"	1/2"	1/2"	1/2"	1/2"
E2 - Probe / Thermometer		-	-	1/2"	1/2"	1/2"	1/2"
E3 - Probe / Thermometer		1/2"	1/2"	1/2"	1/2"	1/2"	1/2"
E4 - Probe / Thermometer		-	-	1/2"	1/2"	1/2"	1/2"
G1 - System return (on)		6/4"	6/4"	2"	3"	3"	3"
G2 - System forward (out)		6/4"	6/4"	2"	3"	3"	3"
I - Electric heating element		2"	2"	2"	2"	2"	2"
K1, K2 - Auxiliary		6/4"	6/4"	6/4"	2"	2"	2"
K3, K4 - Auxiliary		-	-	6/4"	2"	2"	2"
P1 - To energy source		6/4"	6/4"	2"	3"	3"	3"
P2 - From energy source		6/4"	6/4"	2"	3"	3"	3"
T - Vent		5/4"	5/4"	5/4"	5/4"	6/4"	6/4"
DIMENSIONS							
D - Drain	mm	125	125	130	140	125	125
E1 - Probe / Thermometer	mm	395	520	555	620	685	755
E2 - Probe / Thermometer	mm	-	-	895	885	885	1095
E3 - Probe / Thermometer	mm	655	920	1055	1120	1145	1405
E4 - Probe / Thermometer	mm	-	-	1155	1220	1245	1505
G1 - System return (on)	mm	285	320	355	380	395	415
G2 - System forward (out)	mm	765	1120	1405	1450	1445	1715
I - Electric heating element	mm	285	320	355	380	395	415
K1 - Auxiliary	mm	445	580	645	690	685	955
K2 - Auxiliary	mm	605	850	1255	1300	1295	1565
K3 - Auxiliary	mm	-	-	780	785	820	955
K4 - Auxiliary	mm	-	-	980	985	1020	1155
P1 - To energy source	mm	285	320	355	380	395	415
P2 - From energy source	mm	765	1120	1405	1450	1445	1715
Vertical packaging dimensions	cm	49x49x107	54x54x146,1	64x64x180	74x74x184,1	95x95x178	105x105x209

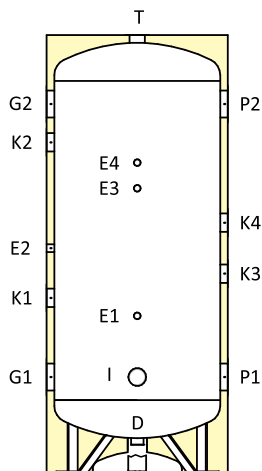
Technical specifications – 1500–5000 liters

Type	Unit	ACR-CH-PLUS-					
		1500	2000	2500	3000	4000	5000
Nominal capacity	l	1500	2000	2500	3000	4000	5000
ErP energy class	C	C	-	-	-	-	-
Diameter with insulation (Øe)	mm	1220	1320	1470	1470	1620	1820
Height (Ht)	mm	2245	2565	2360	2860	2930	2970
Weight with packaging	kg	218	260	331	389	557	645
Tilt height	mm	2560	2885	2785	3220	3350	3485
Min. / max. operating temp.	°C	-10 / +90					
Max. working pressure	bar	6					
CONNECTIONS							
D - Drain		2"	2"	2"	2"	2"	2"
E1 - Probe / Thermometer		1/2"	1/2"	1/2"	1/2"	1/2"	1/2"
E2 - Probe / Thermometer		1/2"	1/2"	1/2"	1/2"	1/2"	1/2"
E3 - Probe / Thermometer		1/2"	1/2"	1/2"	1/2"	1/2"	1/2"
E4 - Probe / Thermometer		1/2"	1/2"	1/2"	1/2"	1/2"	1/2"
G1 - System return (on)		3"	3"	4"	4"	4"	4"
G2 - System forward (out)		3"	3"	4"	4"	4"	4"
I - Electric heating element		2"	2"	2"	2"	2"	2"
K1, K2 - Auxiliary		2"	2"	2"	2"	2"	2"
K3, K4 - Auxiliary		2"	2"	2"	2"	2"	2"
P1 - To energy source		3"	3"	4"	4"	4"	4"
P2 - From energy source		3"	3"	4"	4"	4"	4"
T - Vent		2"	2"	2"	2"	2"	2"
DIMENSIONS							
D - Drain	mm	165	155	180	180	160	140
E1 - Probe / Thermometer	mm	840	885	1015	1315	1340	1350
E2 - Probe / Thermometer	mm	1180	1450	1255	1755	1780	1790
E3 - Probe / Thermometer	mm	1510	1815	1515	1815	1840	1850
E4 - Probe / Thermometer	mm	1610	1915	1665	1965	1990	2000
G1 - System return (on)	mm	500	505	565	565	590	600
G2 - System forward (out)	mm	1800	2105	1865	2365	2390	2400
I - Electric heating element	mm	500	505	565	565	590	600
K1 - Auxiliary	mm	1040	1345	1005	1505	1530	1540
K2 - Auxiliary	mm	1650	1955	1615	2115	2140	2150
K3 - Auxiliary	mm	1020	1180	1150	1365	1390	1400
K4 - Auxiliary	mm	1220	1380	1315	1565	1590	1600
P1 - To energy source	mm	500	505	565	565	590	600
P2 - From energy source	mm	1800	2105	1865	2365	2390	2400
Vertical packaging dimensions	cm	130X130X238	140X140X270	150x150x249	150x150x299	170x170x306	190x190x310

100–200 liters



300–1000 liters



1500–5000 liters

