Chromagen™
Hot Water Solutions

Commercial tanks

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The right choice
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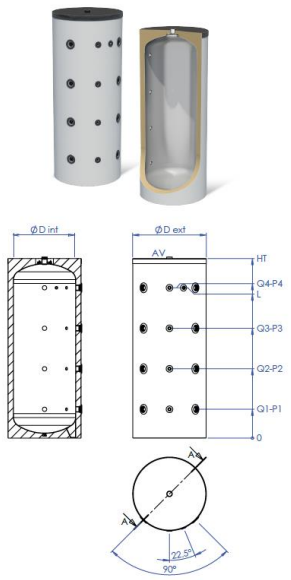
Hot Water Solutions

Buffer Tanks without Heat Exchanger

MODEL		160lt Ø600	200lt Ø600	300lt Ø600	400lt Ø700	500lt Ø700	800lt Ø1050	1000lt Ø1050	1500lt Ø1200	2000lt Ø1300
Capacity	Lt	164	200	301	421	491	814	1000	1502	2032
Net Weight	kg	42	48	63	76	106	134	153	195	237
Insulation	mm	50	50	50	50	50	100	100	100	100
Heat Losses ΔT 45K	kWh/24h	1,2	1,4	1,7	2,3	2,4	4,1	4,5	5,3	6,5
Energy Efficiency Class		B	B	B	C	C	-	-	-	-
Maximum operational temperature	°C	95	95	95	95	95	95	95	95	95
Rated pressure	bar	8	8	8	8	8	8	8	8	8

MODEL			160lt Ø600	200lt Ø600	300lt Ø600	400lt Ø700	500lt Ø700	800lt Ø1050	1000lt Ø1050	1500lt Ø1200	2000lt Ø1300
External Diameter	D ext	mm	600	600	600	700	700	1050	1050	1200	1300
Internal Diameter	D int	mm	500	500	500	600	600	850	850	1000	1100
Height	HT	mm	1045	1235	1760	1722	1972	1718	2048	2213	2453
Thermo Level	Q1	mm	248	248	248	274	274	347	347	394	384
Thermo Level	Q2	mm	429	492	667	663	747	686	796	867	943
Thermo Level	Q3	mm	610	736	1086	1052	1219	1025	1245	1339	1502
Thermo Level	Q4	mm	791	981	1506	1442	1692	1365	1695	1812	2062
Sensor Level	P1	mm	248	248	248	274	274	347	347	394	384
Sensor Level	P2	mm	429	492	667	663	747	686	796	867	943
Sensor Level	P3	mm	610	736	1086	1052	1219	1025	1245	1339	1502
Sensor Level	P4	mm	791	981	1506	1442	1692	1365	1695	1812	2062
Thermometer	L	mm	791	981	1506	1442	1692	1365	1695	1812	2062

		160lt-500lt	800lt-2000lt
Thermo Level	Q1-4	F 1 1/2"	F 1 1/2"
Sensor Level	P1-4	F 1/2"	F 1/2"
Air Ventilation	AV	F 1 1/2"	F 1 1/2"
Thermometer	L	F 1/2"	F 1/2"



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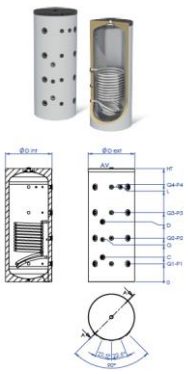
Buffer Tanks - Single Heat Exchanger

MODEL		160lt Ø600	200lt Ø600	300lt Ø600	400lt Ø700	500lt Ø700	800lt Ø1050	1000lt Ø1050	1500lt Ø1200	2000lt Ø1300
Capacity	Lt	157	192	289	407	474	780	966	1465	1982
Net weight	kg	59	66	85	107	145	175	202	248	307
Insulation	mm	50	50	50	50	50	100	100	100	100
Heat Exchanger surface C1	m²	0,85	0,95	1,48	1,65	2,06	2,69	3,18	3,52	4,69
Heat Exchanger capacity C1	Lt	5,10	5,74	8,93	10,21	12,44	22,28	26,00	29,00	38,58
Heat Exchanger output (60-80°C) C1	kW	26	32	36	45	52	62	78	107	120
DHW Continuous flow rate (60-80°C) C1	L/h	515	620	710	830	1005	1470	1930	2640	2960
Heat losses ΔT 45K	kWh/24h	1,2	1,4	1,7	2,3	2,4	4,1	4,5	5,3	6,5
Energy efficiency class		B	B	B	C	C	-	-	-	-
Maximum operational temperature	°C	95	95	95	95	95	95	95	95	95
Rated pressure	bar	8	8	8	8	8	8	8	8	8
Rated pressure of the heat exchanger	bar	6	6	6	6	6	6	6	6	6
NL factor C1		2,8	4,2	8,6	12,5	19	28	36	54	71

MODEL			160lt Ø600	200lt Ø600	300lt Ø600	400lt Ø700	500lt Ø700	800lt Ø1050	1000lt Ø1050	1500lt Ø1200	2000lt Ø1300
External Diameter	D ext	mm	600	600	600	700	700	1050	1050	1200	1300
Internal Diameter	D int	mm	500	500	500	600	600	850	850	1000	1100
Height	HT	mm	1045	1235	1760	1722	1972	1718	2048	2213	2453
Lower HE Outlet	C	mm	247	347	347	373	373	467	467	514	523
Lower HE Inlet	D	mm	607	752	977	913	1048	1072	1182	1174	1293
Sensor Pocket 1	G	mm	427	549	662	643	710	769	824	844	908
Thermo Level	Q1	mm	248	248	248	274	274	347	347	394	384
Thermo Level	Q2	mm	429	492	667	663	747	686	796	867	943
Thermo Level	Q3	mm	610	736	1086	1052	1219	1025	1245	1339	1502
Thermo Level	Q4	mm	791	981	1506	1442	1692	1365	1695	1812	2062
Sensor Level	P1	mm	248	248	248	274	274	347	347	394	384
Sensor Level	P2	mm	429	492	667	663	747	686	796	867	943
Sensor Level	P3	mm	610	736	1086	1052	1219	1025	1245	1339	1502
Sensor Level	P4	mm	791	981	1506	1442	1692	1365	1695	1812	2062
Thermometer	L	mm	791	981	1506	1442	1692	1365	1695	1812	2062

		160lt-500lt	800lt-2000lt
Lower HE Outlet	C	F 1"	F 1 1/2"
Lower HE Inlet	D	F 1"	F 1 1/2"
Sensor Pocket 1	G	F 1/2"	F 1/2"
Thermo Level	Q1-4	F 1 1/2"	F 1 1/2"
Sensor Level	P1-4	F 1/2"	F 1/2"
Air Ventilation	AV	F 1 1/2"	F 1 1/2"
Thermometer	L	F 1/2"	F 1/2"



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Buffer Tanks - Double Heat Exchanger

MODEL		400lt Ø700	500lt Ø700	800lt Ø1050	1000lt Ø1050	1500lt Ø1120	2000lt Ø1300
Capacity	Lt	400	465	767	953	1436	1954
Net weight	kg	126	164	195	225	288	349
Insulation	mm	50	50	100	100	100	100
Heat Exchanger surface C1	m²	1,65	2,06	2,45	3,18	3,52	4,69
Heat Exchanger surface C2	m²	0,97	0,96	1,46	1,49	2,62	2,66
Heat Exchanger capacity C1	Lt	10,21	12,44	20,11	26,00	29,00	38,58
Heat Exchanger capacity C2	Lt	5,87	6,06	11,96	12,17	22,00	22,00
Heat Exchanger output (60-80°C) C1	kW	45	52	57	78	63	72
Heat Exchanger output (60-80°C) C2	kW	25	31	39	33	30	35
DHW Continuous flow rate (60-80°C) C1	L/h	810	1120	1330	1720	1540	1770
DHW Continuous flow rate (60-80°C) C2	L/h	430	630	860	810	740	860
Heat losses ΔT 45K	kWh/24h	2,3	2,4	4,1	4,5	5,3	6,5
Energy efficiency class		C	C	-	-	-	-
Maximum operational temperature	°C	95	95	95	95	95	95
Rated pressure	bar	8	8	8	8	8	8
Rated pressure of the heat exchanger	bar	6	6	6	6	6	6
NL factor C1		12,5	19	26	35	56	82
NL factor C2		2,3	3,2	10	16	17	26

MODEL			400lt Ø700	500lt Ø700	800lt Ø1050	1000lt Ø1050	1500lt Ø1200	2000lt Ø1300
External Diameter	D ext	mm	700	700	1050	1050	1200	1300
Internal Diameter	D int	mm	600	600	850	850	1000	1100
Height	HT	mm	1722	1972	1718	2048	2213	2453
Lower HE Outlet	C	mm	373	373	353	467	400	523
Lower HE Inlet	D	mm	913	1048	903	1182	1060	1293
Upper HE Outlet	E	mm	1026	1276	1017	1300	1297	1487
Upper HE Inlet	F	mm	1341	1591	1347	1630	1792	1927
Sensor pocket 1	G	mm	643	710	628	824	730	908
Sensor pocket 2	H	mm	1183	1433	1182	1465	1544	1707
Thermo Level	Q1	mm	274	274	347	347	394	384
Thermo Level	Q2	mm	663	747	686	796	867	943
Thermo Level	Q3	mm	1052	1219	1025	1245	1339	1502
Thermo Level	Q4	mm	1442	1692	1365	1695	1812	2062
Sensor Level	P1	mm	274	274	347	347	394	384
Sensor Level	P2	mm	663	747	686	796	867	943
Sensor Level	P3	mm	1052	1219	1025	1245	1339	1502
Sensor Level	P4	mm	1442	1692	1365	1695	1812	2062
Thermometer	L	mm	1442	1692	1365	1695	1812	2062

		400lt-500lt	800lt-2000lt
Lower HE Outlet	C	F 1"	F 1 1/2"
Lower HE Inlet	D	F 1"	F 1 1/2"
Upper HE Outlet	E	F 1"	F 1 1/2"
Upper HE Inlet	F	F 1"	F 1 1/2"
Sensor pocket 1	G	F 1/2"	F 1/2"
Sensor pocket 2	H	F 1/2"	F 1/2"
Thermo Level	Q1-4	F 1 1/2"	F 1 1/2"
Sensor Level	P1-4	F 1/2"	F 1/2"
Air ventilation	AV	F 1 1/2"	F 1 1/2"
Thermometer	L	F 1/2"	F 1/2"