



Efficiency and reliability, every day!

BUFFER WATER TANKS

160 - 1000Lt



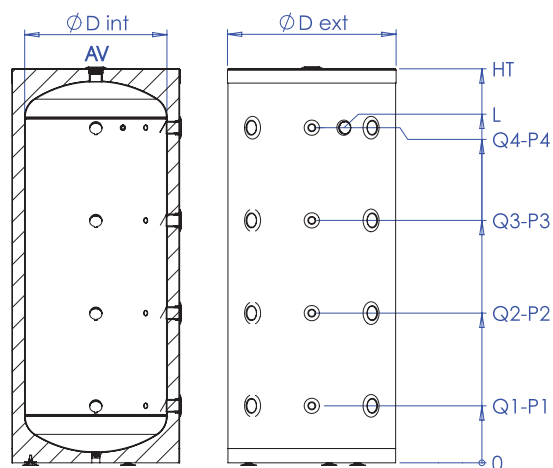
*The solution
for big installations*

MODEL		160lt Ø600	200lt Ø600	300lt Ø600	400lt Ø700	500lt Ø700	800lt Ø990	1000lt Ø990
Capacity	Lt	162	200	302	401	470	805	1005
Net Weight	kg	42	48	63	76	106	134	153
Insulation	mm	50	50	50	50	50	70	70
Heat Losses ΔT 45K	kWh/24h	1,4	1,5	1,7	2,2	2,5	3,2	3,5
Energy Efficiency Class		B	B	B	C	C	C	C
Maximum operational temperature	°C	95	95	95	95	95	95	95
Rated pressure	bar	3-10	3-10	3-10	3-10	3-10	3-8	3-8

MODEL			160lt Ø600	200lt Ø600	300lt Ø600	400lt Ø700	500lt Ø700	800lt Ø990	1000lt Ø990
External Diameter	D ext	mm	600	600	600	700	700	990	990
Internal Diameter	D int	mm	500	500	500	600	600	850	850
Height	HT	mm	1035	1230	1760	1655	1900	1770	2100
Thermo Level	Q1	mm	243	243	243	239	239	331	331
Thermo Level	Q2	mm	424	489	666	628	712	678	797
Thermo Level	Q3	mm	605	735	1088	1018	1184	1025	1262
Thermo Level	Q4	mm	786	981	1511	1407	1656	1372	1727
Sensor Level	P1	mm	243	243	243	239	239	331	331
Sensor Level	P2	mm	424	489	666	628	712	678	797
Sensor Level	P3	mm	605	735	1088	1018	1184	1025	1262
Sensor Level	P4	mm	786	981	1511	1407	1656	1372	1727
Thermometer	L	mm	786	981	1511	1407	1656	1372	1727

NOTE: Dimensional tolerance $\pm 10\text{mm}$

		160lt-500lt	800lt-1000lt
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"

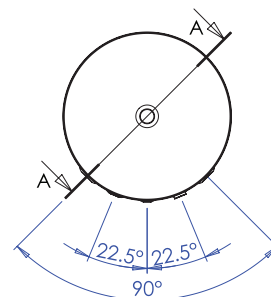
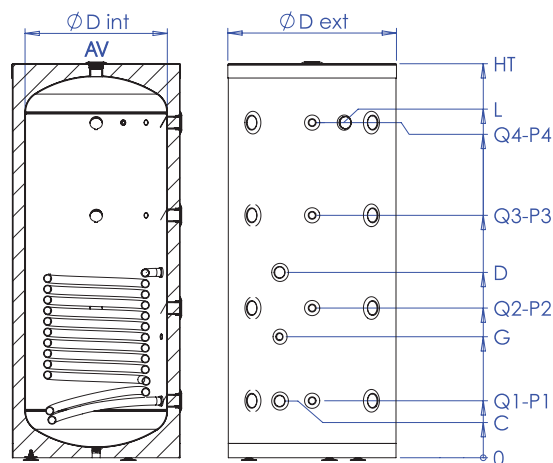


MODEL		160lt Ø600	200lt Ø600	300lt Ø600	400lt Ø700	500lt Ø700	800lt Ø990	1000lt Ø990
Capacity	Lt	155	192	290	387	453	776	971
Net weight	kg	59	66	85	107	145	175	202
Insulation	mm	50	50	50	50	50	70	70
Heat Exchanger surface C1	m ²	0,85	0,95	1,48	1,65	2,06	2,69	3,18
Heat Exchanger capacity C1	Lt	5,10	5,74	8,93	10,21	12,44	22,28	26,00
Heat Exchanger output (60-80°C) C1	kW	26	32	36	45	52	62	78
Heat Exchanger Continuous Flow Rate (60-80°C) C1	L/h	639	786	885	1106	1278	1523	1917
Heat losses ΔT 45K	kWh/24h	1,4	1,5	1,7	2,2	2,5	3,2	3,5
Energy efficiency class		B	B	B	C	C	C	C
Maximum operational temperature	°C	95	95	95	95	95	95	95
Rated pressure	bar	3-10	3-10	3-10	3-10	3-10	3-8	3-8
Rated pressure of the heat exchanger	bar	6	6	6	6	6	6	6
NL factor C1		2,8	4,2	8,6	12,5	19	28	36

MODEL			160lt Ø600	200lt Ø600	300lt Ø600	400lt Ø700	500lt Ø700	800lt Ø990	1000lt Ø990
External Diameter	D ext	mm	600	600	600	700	700	990	990
Internal Diameter	D int	mm	500	500	500	600	600	850	850
Height	HT	mm	1035	1230	1760	1655	1900	1770	2100
Lower HE Outlet	C	mm	242	242	242	238	238	331	331
Lower HE Inlet	D	mm	602	647	872	778	913	936	1046
Sensor Pocket 1	G	mm	422	445	557	508	576	634	689
Thermo Level	Q1	mm	243	243	243	239	239	331	331
Thermo Level	Q2	mm	424	489	666	628	712	678	797
Thermo Level	Q3	mm	605	735	1088	1018	1184	1025	1262
Thermo Level	Q4	mm	786	981	1511	1407	1656	1372	1727
Sensor Level	P1	mm	243	243	243	239	239	331	331
Sensor Level	P2	mm	424	489	666	628	712	678	797
Sensor Level	P3	mm	605	735	1088	1018	1184	1025	1262
Sensor Level	P4	mm	786	981	1511	1407	1656	1372	1727
Thermometer	L	mm	786	981	1511	1407	1656	1372	1727

NOTE: Dimensional tolerance ±10mm

		160lt-500lt	800lt-1000lt
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"

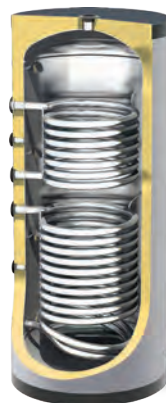
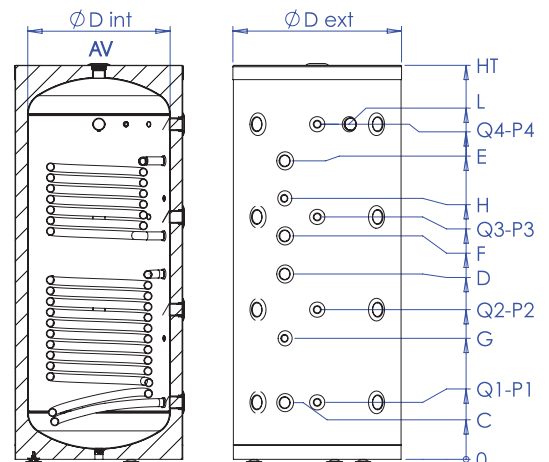


MODEL		160lt Ø600	200lt Ø600	300lt Ø600	400lt Ø700	500lt Ø700	800lt Ø990	1000lt Ø990
Capacity	Lt	153	188	284	379	444	763	955
Net weight	kg	65	79	113	126	164	195	225
Insulation	mm	50	50	50	50	50	70	70
Heat Exchanger surface C1	m ²	0,64	0,85	1,27	1,65	2,06	2,45	3,18
Heat Exchanger surface C2	m ²	0,42	0,62	0,85	0,97	0,96	1,46	1,49
Heat Exchanger capacity C1	Lt	3,83	5,10	7,66	10,21	12,44	20,11	26,00
Heat Exchanger capacity C2	Lt	2,55	3,83	5,10	5,87	6,06	11,96	12,17
Heat Exchanger output (60-80°C) C1	kW	17	26	34	45	52	57	78
Heat Exchanger output (60-80°C) C2	kW	13	16	26	25	31	39	33
Heat Exchanger Continuous Flow Rate (60-80°C) C1	L/h	418	639	835	1106	1278	1401	1917
Heat Exchanger Continuous Flow Rate (60-80°C) C2	L/h	319	393	639	614	762	958	811
Heat losses ΔT 45K	kWh/24h	1,4	1,5	1,7	2,2	2,5	3,2	3,5
Energy efficiency class		B	B	B	C	C	C	C
Maximum operational temperature	°C	95	95	95	95	95	95	95
Rated pressure	bar	3-10	3-10	3-10	3-10	3-10	3-8	3-8
Rated pressure of the heat exchanger	bar	6	6	6	6	6	6	6
NL factor C1		2,8	4,0	8,2	12,5	19	26	35
NL factor C2		0,5	0,8	2,5	2,3	3,2	10	16

MODEL			160lt Ø600	200lt Ø600	300lt Ø600	400lt Ø700	500lt Ø700	800lt Ø990	1000lt Ø990
External Diameter	D ext	mm	600	600	600	700	700	990	990
Internal Diameter	D int	mm	500	500	500	600	600	850	850
Height	HT	mm	1035	1230	1760	1655	1900	1770	2100
Lower HE Outlet	C	mm	242	242	242	238	238	331	331
Lower HE Inlet	D	mm	507	602	782	778	913	878	1046
Upper HE Outlet	E	mm	607	712	942	938	1073	1025	1262
Upper HE Inlet	F	mm	787	982	1302	1253	1388	1375	1612
Sensor pocket 1	G	mm	375	422	512	508	576	606	689
Sensor pocket 2	H	mm	697	847	1122	1096	1231	1200	1437
Thermo Level	Q1	mm	243	243	243	239	239	331	331
Thermo Level	Q2	mm	424	489	665	628	712	678	797
Thermo Level	Q3	mm	605	735	1088	1018	1184	1025	1262
Thermo Level	Q4	mm	786	981	1511	1407	1656	1372	1727
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Thermometer	L	mm	786	981	1511	1407	1656	1372	1727

NOTE: Dimensional tolerance ±10mm

		400lt-500lt	800lt-1000lt
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"



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160 - 1000Lt

NOBEL INTERNATIONAL EAD
SOLAR WATER HEATING SYSTEMS INDUSTRY

48 Vitosha Blvd., Elin Pelin 2100 - Sofia Region, Bulgaria
Tel.: +359 2 4210232 email: info@nobel.bg

www.nobel.bg

