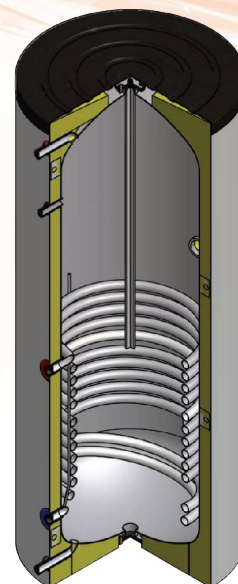


HOT
WATER
GROUP

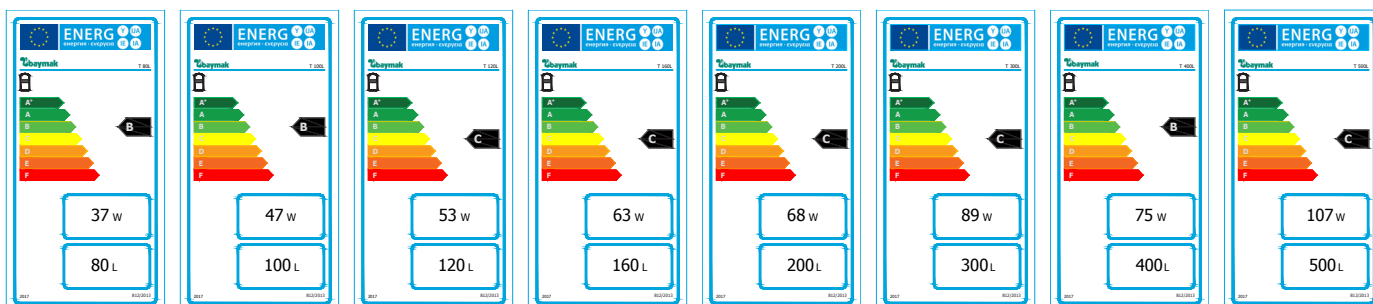
HOT WATER STORAGE TANKS



SINGLE COIL TANKS



- Used for the preparation and storage of hot water
- Large capacity range with 80-6000 L models
- Quickly prepares hot water with its coils
- Vertical and compact design
- All the surfaces in contact with fresh water are anti-bacterial, hygienic, and smooth
- Anti-corrosive with magnesium anode rod
- The inner surfaces of the hot water cylinders are hygienic with state-of-the-art titanium reinforced enamel coating
- Maintains the water temperature with the aid of 50 mm polyurethane for 80-500 L capacities, 100 mm sponge for 800-1000 L capacities, and 80 mm sponge for 2000-6000 L capacities
- Thermometer is used in all models
- Hot water cylinder's body and coil material are composed of St 37/2 steel
- Electrical heater (optional)





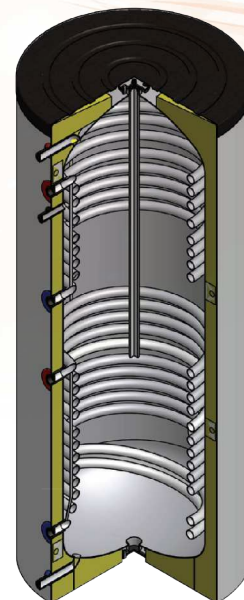
Technical Data Sheet

DEFINITION		CAPACITY																
		T80L	T100L	T120L	T160L	T200L	T300L	T400L	T500L	T800L	T1000L	T1500L	T2000L	T2500L	T3000L	T4000L	T5000L	T6000L
Height	mm	845	1000	825	1125	1280	1210	1560	1860	1700	2045	2345	2550	2450	2780	2580	3020	3550
Diameter including insulation	mm	500	500	600	600	600	740	740	740	1050	1050	1120	1260	1460	1460	1660	1660	1660
Electrical Heater Con. Sleeve	inch				1 1/2"	1 1/2"	2"	2"	2"	2"	2"	2"	2"	2"	2"	2"	2"	2"
Cleaning Cover		-	-	-	-	-	DN 100	DN 100	DN 100	DN 100	DN 100	DN 100	DN 100	DN 150	DN 150	DN 200	DN 200	DN 200
Coil Inlet/Outlet Diameter	inch	1"	1"	1"	1"	1"	1"	1"	1"	1"	1"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	2"	2"	2"
Cold/Hot Water Inlet-Outlet Diameter	inch	1"	1"	1"	1"	1"	1"	1"	1"	1"	1"	1 1/2"	1 1/2"	2"	2"	2 1/2"	2 1/2"	2 1/2"
Service Circulation Line Diameter	inch	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	1 1/2"	1 1/2"	2"	2"	2"	2"	2"
Weight	kg	38	43	54	81	90	110	170	200	260	295	407	537	680	810	1190	1370	1545

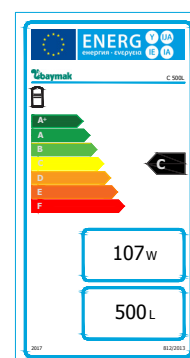
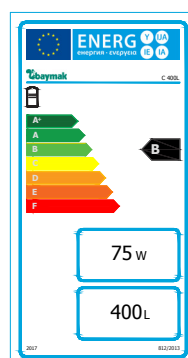
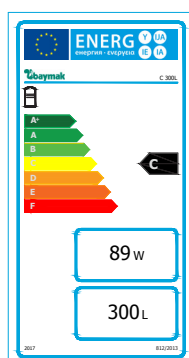
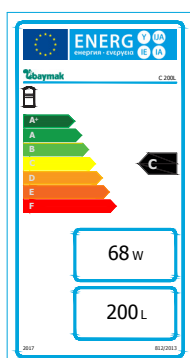
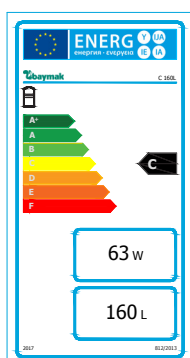
Coil Thermal Capacities by Usage Regime

DEFINITION		T80L	T100L	T120L	T160L	T200L	T300L	T400L	T500L	T800L	T1000L	T1500L	T2000L	T2500L	T3000L	T4000L	T5000L	T6000L
Heater fluid flow rate	Lt/h.	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000
Tank's Coil Area	m ²	0,43	0,51	0,58	0,82	0,94	1,29	1,61	1,93	2,25	3,26	4,97	4,97	6,59	7,00	8,50	10,00	12,00
80°C-60°C Heating regime and 45°C Boiler water temperature, hourly prepared water amount and coil thermal capacity (Δ35°C)	Lt/h.	389,0	472,0	513,5	675,7	744,5	860,0	1073,8	1216,3	1429,4	2240,0	4520,0	4520,0	5840,0	6320,0	7673,0	9028,0	10830,0
	Kw	15,8	19,2	20,9	27,5	30,3	35,0	43,7	49,5	58,1	91,2	184,0	184,0	237,7	257,3	312,3	367,5	440,8
90°C-70°C Heating regime and 45°C Boiler water temperature, hourly prepared water amount and coil thermal capacity (Δ35°C)	Lt/h.	500,0	594,0	653,6	869,8	966,5	1105,7	1398,1	1599,6	1887,7	2776,4	4920,0	4972,0	6424,0	6952,0	8440,0	9931,0	11913,0
	Kw	20,3	24,2	26,6	35,4	39,3	45,0	56,9	65,1	76,8	113,0	286,0	202,4	261,4	283,0	343,5	404,2	484,9
80°C-60°C Heating regime and 60°C Boiler water temperature, hourly prepared water amount and coil thermal capacity (Δ50°C)	Lt/h.	209,5	236,5	259,7	352,6	402,5	457,5	564,2	655,3	658,1	1113,2	2200,0	2200,0	2720,0	3000,0	3820,0	4500,0	5400,0
	Kw	12,2	13,8	15,1	20,5	23,4	26,6	32,8	38,1	44,1	64,7	128,0	128,0	158,2	174,5	222,1	261,7	314,0
90°C-70°C Heating regime and 60°C Boiler water temperature, hourly prepared water amount and coil thermal capacity (Δ50°C)	Lt/h.	292,0	335,5	371,5	504,0	577,5	658,8	811,8	947,7	1099,1	1623,2	2400,0	2420,0	2992,0	3300,0	4202,0	4950,0	6040,0
	Kw	17,0	19,5	21,6	29,3	33,6	38,3	47,2	55,1	63,9	94,4	140,0	140,7	174,0	191,9	244,3	287,8	351,2

DOUBLE COIL TANKS



- Used to prepare and store hot water with the Solar Collectors and Heating Boiler System
- Large capacity range with 160-6000 L models
- Quickly prepares hot water with its coils
- Vertical and compact design
- All the surfaces in contact with fresh water are anti-bacterial, hygienic, and smooth
- The inner surfaces of the boilers are hygienic with state-of-the-art titanium reinforced enamel coating
- Maintains the water temperature with the aid of 50 mm polyurethane for 160-500 L capacities, 100 mm sponge for 800-1000 L capacities, and 80 mm sponge for 2000-6000 L capacities
- Anti-corrosive with magnesium anode rod
- Thermometer is used in all models
- Hot water cylinder's body and coil material are composed of St 37/2 steel
- Electrical heater (optional)



Technical Data Sheet

DEFINITION		CAPACITY													
		C160L	C200L	C300L	C400L	C500L	C800L	C1000L	C1500L	T2000L	T2500L	T3000L	T4000L	T5000L	T6000L
Height	mm	1125	1280	1210	1560	1860	1700	2045	2340	2550	2450	2780	2580	3020	3550
Diameter including insulation	mm	600	600	740	740	740	1050	1050	1120	1260	1460	1460	1660	1660	1660
Electrical Heater Con. Sleeve	inch	1 1/2"	1 1/2"	2"	2"	2"	2"	2"	2"	2"	2"	2"	2"	2"	2"
Cleaning Cover		-	-	DN 100	DN 100	DN 100	DN 100	DN 100	DN 100	DN 100	DN 150	DN 150	DN 200	DN 200	DN 200
Coil Inlet/Outlet Diameter	inch	1"	1"	1"	1"	1"	1"	1"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	2"	2"	2"
Cold Water Inlet/Hot Water Outlet Diameter	inch	1"	1"	1"	1"	1"	1"	1"	1 1/2"	1 1/2"	2"	2"	2 1/2"	2 1/2"	2 1/2"
Service Circulation Line Diameter	inch	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	1 1/2"	1 1/2"	2"	2"	2"	2"	2"
Weight	kg	86	98	116	190	218	276	308	447	582	765	895	1250	1400	1645

Lower Coil Thermal Capacities by Usage Regime

DEFINITION		C160L	C200L	C300L	C400L	C500L	C800L	C1000L	C1500L	C2000L	C2500L	C3000L	C4000L	C5000L	C6000L
Heater fluid flow rate	Lt/h.	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000
Tank's Lower Coil Area	m ²	0,82	0,94	1,29	1,61	1,93	2,25	3,26	4,97	4,97	6,59	7,00	8,50	10,00	12,00
80°C-60°C Heating regime and 45°C Boiler water temperature, hourly prepared water amount and coil thermal capacity (Δt:35°C)	Lt/h.	675,7	744,5	860,0	1073,8	1216,3	1429,4	2240,0	4520,0	4520,0	5840,0	6320,0	7673,0	9028,0	10830,0
	Kw	27,5	30,3	35,0	43,7	49,5	58,1	91,2	184,0	184,0	237,7	257,3	312,3	367,5	440,8
90°C-70°C Heating regime and 45°C Boiler water temperature, hourly prepared water amount and coil thermal capacity (Δt:35°C)	Lt/h.	869,8	966,5	1105,7	1398,1	1599,6	1887,7	2776,4	4920,0	4972,0	6424,0	6952,0	8440,0	9931,0	11913,0
	Kw	35,4	39,3	45,0	56,9	65,1	76,8	113,0	286,0	202,4	261,4	283,0	343,5	404,2	484,9
80°C-60°C Heating regime and 60°C Boiler water temperature, hourly prepared water amount and coil thermal capacity (Δt:50°C)	Lt/h.	352,6	402,5	457,5	564,2	655,3	658,1	1113,2	2200,0	2200,0	2720,0	3000,0	3820,0	4500,0	5400,0
	Kw	20,5	23,4	26,6	32,8	38,1	44,1	64,7	128,0	128,0	158,2	174,5	222,1	261,7	314,0
90°C-70°C Heating regime and 60°C Boiler water temperature, hourly prepared water amount and coil thermal capacity (Δt:50°C)	Lt/h.	504,0	577,5	658,8	811,8	947,7	1099,1	1623,2	2400,0	2420,0	2992,0	3300,0	4202,0	4950,0	6040,0
	Kw	29,3	33,6	38,3	47,2	55,1	63,9	94,4	140,0	140,7	174,0	191,9	244,3	287,8	351,2

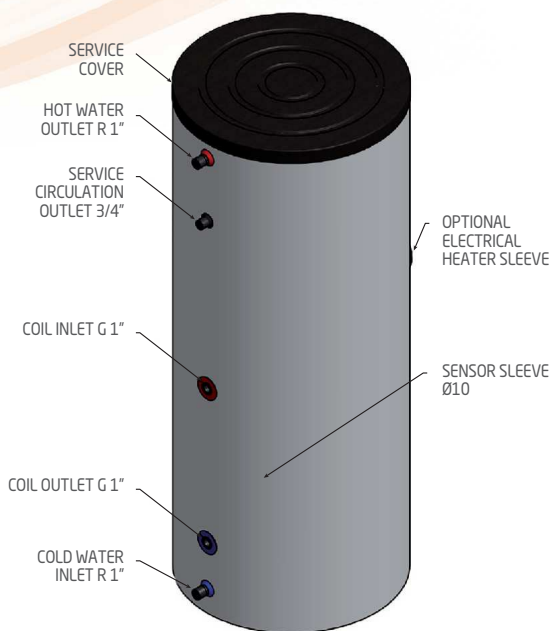
Upper Coil Thermal Capacities by Usage Regime

DEFINITION		C160L	C200L	C300L	C400L	C500L	C800L	C1000L	C1500L	C2000L	C2500L	C3000L	C4000L	C5000L	C6000L
Heater fluid flow rate	Lt/h.	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000
Tank's Upper Coil Area	m ²	0,36	0,59	0,49	0,97	1,29	0,83	1,23	2,18	2,18	3,03	3,40	4,25	5,01	6,00
80°C-60°C Heating regime and 45°C Boiler water temperature, hourly prepared water amount and coil thermal capacity (Δt:35°C)	Lt/h.	292,4	501,5	408,0	636,4	956,0	658,5	900,0	1850,0	1850,0	2530,0	2885,0	3503,0	4120,0	4940,0
	Kw	11,9	20,4	16,6	25,9	38,9	26,8	36,6	75,3	75,3	103,0	117,5	142,6	167,7	201,1
90°C-70°C Heating regime and 45°C Boiler water temperature, hourly prepared water amount and coil thermal capacity (Δt:35°C)	Lt/h.	388,0	646,0	528,3	1071,3	1675,8	1002,5	1569,0	2000,0	2035,0	2783,0	3173,0	3854,0	4532,0	5434,0
	Kw	15,8	26,3	21,5	43,6	68,2	40,8	63,9	81,4	82,3	113,3	129,2	156,9	184,5	221,2
80°C-60°C Heating regime and 60°C Boiler water temperature, hourly prepared water amount and coil thermal capacity (Δt:50°C)	Lt/h.	156,5	252,0	210,0	380,0	499,0	328,5	474,7	1320,0	1320,0	1820,0	2060,0	2501,0	2942,0	3530,0
	Kw	9,1	14,7	12,2	22,1	29,0	19,1	27,6	76,7	76,8	105,9	119,8	145,5	171,1	205,3
90°C-70°C Heating regime and 60°C Boiler water temperature, hourly prepared water amount and coil thermal capacity (Δt:50°C)	Lt/h.	234,0	376,0	313,0	559,0	727,6	488,5	693,9	1430,0	1452,0	2002,0	2266,0	2751,0	3236,0	3883,0
	Kw	13,6	21,9	18,2	32,5	42,3	28,4	40,3	831,5	84,5	116,4	131,8	160,0	188,2	225,8

QUICK HOT WATER STORAGE TANKS



- Used to prepare and store hot water with the Solar Collectors, Heat Pump, and Heating Boiler System
- 200,300,500, and 1000 L capacities.
- Prepares hot water more quickly with greater coil area.
- Vertical and compact design
- All the surfaces in contact with fresh water are anti-bacterial, hygienic, and smooth
- The inner surfaces of the hot water cylinders are hygienic with state-of-the-art titanium reinforced enamel coating
- Maintains the water temperature for a long time with the aid of 50 mm polyurethane for 200-500 L capacities, 100 mm sponge for 1000 L capacity
- Anti-corrosive with magnesium anode rod
- Thermometer is used in all models
- Hot water cylinder's body and coil material are composed of St 37/2 steel.
- Electrical heater (optional)



Technical Data Sheet

DEFINITION		CAPACITY			
		HB200L	HB300L	HB500L	HB1000L
Height	mm	1280	1210	1860	2045
Diameter including insulation	mm	600	740	740	1050
Electrical Heater Connection Sleeve	inch	1 1/2"	2"	2"	2"
Cleaning Cover		-	DN100	DN100	DN100
Coil Inlet Diameter/Outlet Diameter	inch	1"	1"	1"	1"
Cold Water Inlet Diameter/Hot Water Outlet Diameter	inch	1"	1"	1"	1"
Service Circulation Line Diameter	inch	3/4"	3/4"	3/4"	3/4"
Weight	kg	98	116	218	308

Coil Thermal Capacities by Usage Regime

DEFINITION		CAPACITY			
		HB200L	HB300L	HB500L	HB1000L
Heater fluid flow rate	Lt/h.	6000	6000	6000	6000
Tank's Coil Area	m ²	1,53	1,77	3,68	4,48
80°C-60°C Heating regime and 45°C Boiler water temperature, hourly prepared water amount and coil thermal capacity (Δ35°C)	Lt/h.	920,0	1096,0	2478,0	2800,0
	Kw	37,4	44,6	100,9	114,0
90°C-70°C Heating regime and 45°C Boiler water temperature, hourly prepared water amount and coil thermal capacity (Δ35°C)	Lt/h.	1283,0	1452,0	3123,0	3561,0
	Kw	52,2	59,1	127,1	144,9
80°C-60°C Heating regime and 60°C Boiler water temperature, hourly prepared water amount and coil thermal capacity (Δ50°C)	Lt/h.	427,0	510,0	760,0	1494,0
	Kw	24,8	29,7	44,5	86,9
90°C-70°C Heating regime and 60°C Boiler water temperature, hourly prepared water amount and coil thermal capacity (Δ50°C)	Lt/h.	680,0	791,0	1815,0	2139,0
	Kw	39,5	46,0	105,5	124,4

ACCUMULATION TANKS

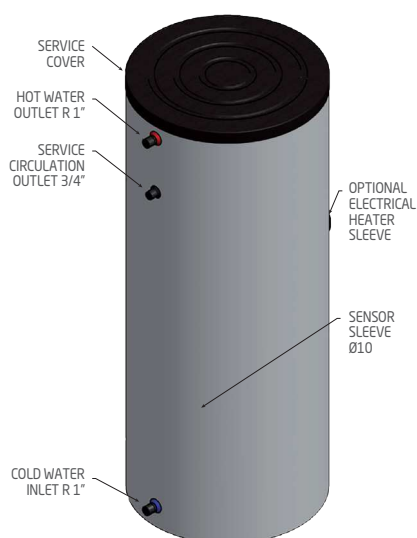


- Used for the preparation and storage of hot water
- Large capacity range with 1000-6000 L models
- Vertical and compact design
- All the surfaces in contact with fresh water are anti-bacterial, hygienic, and smooth
- Anti-corrosive with magnesium anode rod
- The inner surfaces of the hot water cylinders are hygienic with state-of-the-art titanium reinforced enamel coating
- Maintains the water temperature for a long time with the aid of 100 mm polyurethane for 1000 L capacities, 80 mm sponge for 1500-6000 L capacities
- Thermometer is used in all models
- Hot water cylinder's body and coil material are composed of St 37/2 steel
- Electrical heater (optional)

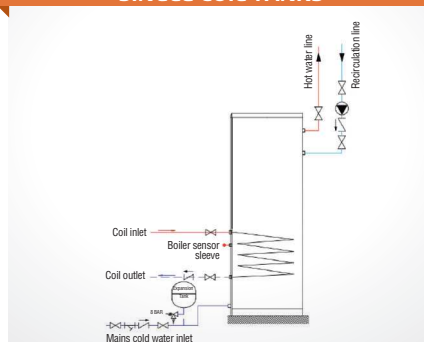
Technical Data Sheet

DEFINITION		CAPACITY						
		1000L	2000L	2500L	3000L	4000L	5000L	6000L
Height	mm	2045	2550	2450	2780	2580	3020	3550
Diameter including insulation	mm	1050	1260	1460	1460	1660	1660	1660
Electrical Heater Connection Sleeve	inch	2"	2"	2"	2"	2"	2"	2"
Cleaning Cover		DN 100	DN 100	DN 150	DN 150	DN 200	DN 200	DN 200
Cold/Hot Water Inlet-Outlet Diameter	inch	1"	1 1/2"	2"	2"	2 1/2"	2 1/2"	2 1/2"
Service Circulation Line Diameter	inch	3/4"	1 1/2"	2"	2"	2"	2"	2"
Weight	kg	295	537	680	810	1190	1370	1545

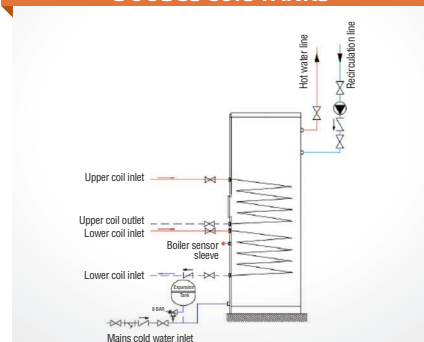
* The heater fluid inlet at 80°C



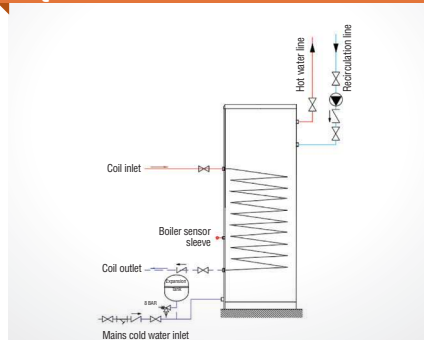
SINGLE COIL TANKS



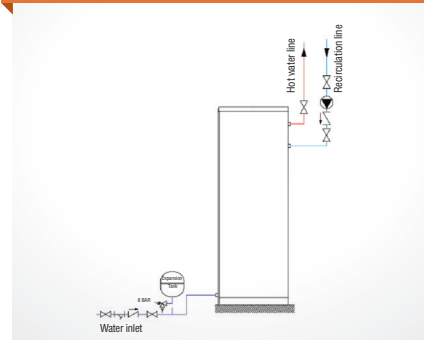
DOUBLE COIL TANKS



QUICK HOT WATER STORAGE TANK



ACCUMULATION TANK





BDR THERMEA GROUP

Orta Mahalle,
Akdeniz Sok. No: 8
Tuzla 34959 - İSTANBUL
Tel : +90 216 581 65 00
Faks : +90 216 581 65 82

www.baymak.com.tr