

HOT
WATER
GROUP

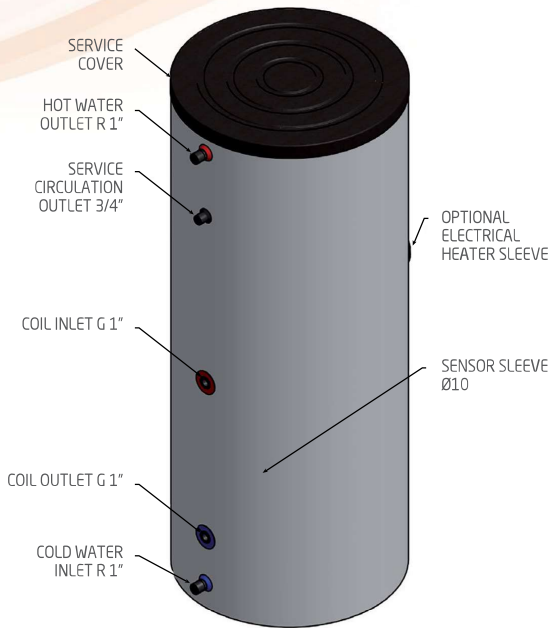
HOT WATER STORAGE TANKS



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 (Δ:35°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 (Δ:35°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 (Δ:50°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 (Δ:50°C)	Lt/h.	680,0	791,0	1815,0	2139,0
	Kw	39,5	46,0	105,5	124,4