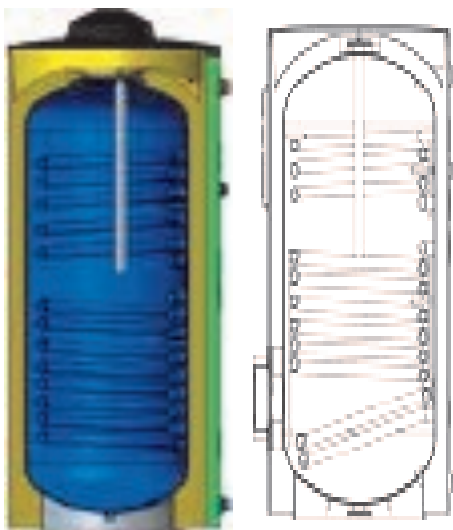




## Free Hot Water Storage Tank with Double Serpentine Coil

Description		300 liter/ 79 gal	400 liter/ 105 gal	500 liter/ 132 gal	800 liter/ 211 gal	1000 liter/ 264 gal
Height	A	47.64"	61.42"	73.23"	77.17"	82.28"
Diameter	B	29.13"	29.13"	29.13"	39.37"	41.34"
Circuit inlet	C	3.35"	3.35"	3.35 "	4.92 "	7.48"
Serpentine out	D	11.02"	11.02 "	11.02"	13.78"	16.54"
Sensor case	E	21.85"	23.82 "	25.59"	40.75"	43.70"
Serpentine in	F	26.97"	30.71"	34.45"	49.21"	52.95"
Service circulation	G	34.45"	48.23"	60.04"	60.04"	63.39"
Hot water outlet	H	44.69"	58.66"	70.28"	74.41"	78.15"
Cleaning door		DN100	DN100	DN100	DN250	DN250
Serpentine out		31.30"	38.89"	46.46"	54.33"	56.50"
Serpentine in		37.80"	51.57"	63.39"	65.55"	69.69"
Serpentine inlet/outlet diameter		1"	1"	1"	1"	1"
Circuit inlet /diameter hot outlet		1"	1"	1"	1"	1"
Diameter of service circulation		3/4"	3/4"	3/4"	3/4"	3/4"
Weight (lbs.)		256	418	480	607	678
Tank Wall Thickness		3.0 mm	3.0 mm	3.0 mm	4.0 mm	4.0 mm



### Tank

Material: Steel, steel quality no : 6837, standard :DIN EN 10120 steel quality :P245NB  
 Internal coating : Double Enameling heated at 860 C (1580 degrees) (vitrified steel)  
 Supplied with a Mg anode for anti-corrosive protection  
 Flange for easy interior cleaning

### Serpentine (Coil)

Material : Steel plate ST 37.2  
 Coating: Enamel (vitrified steel)

### Insulation material

Insulation material : CFC free from PU for capacities from 105 - 211 gallons  
 Polyurethane density: 40 kg/m3 , thickness: 50 mm (1.97")  
 Insulation material : foam for 211 & 264 gallon tanks

### Pressure

Maximum working pressure : 8 bar (116 psi)  
 Maximum testing pressure : 12 bar (174 psi)  
 Maximum temperature : 85 C (185 F)