



# HOT WATER STORAGE TANKS



**SGF ENERGY SYSTEMS**  
Industry & Trade Corporation

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# Hot Water Storage Tanks

These hot water storage tanks, that are produced according to European Standard (EN 12897), are double enamel coated and they are used especially in villas, hotels, restaurants, factories. They can be used also every buildings that need hot water. They are used by installing to a heat exchanger.



## Technical Features

- Capacity between 100 - 3000 lt.
- Hygienic because areas, that come into contact with water, are double enamel coated at the capacity between 100 - 3000 lt.
- 50 mm. Polyurethane insulated at the capacity between 100 - 600 lt. special sponge insulated at the capacity between 800 - 3000 lt.
- Electrostatics powder painted cover on galvanized plate at the capacity between 100 - 600 lt., special winlex cover at the capacity between 800 - 3000 lt.
- Cathodic protection.
- Electrical resistance as optional
- 10 bar operating pressure

## MODELS

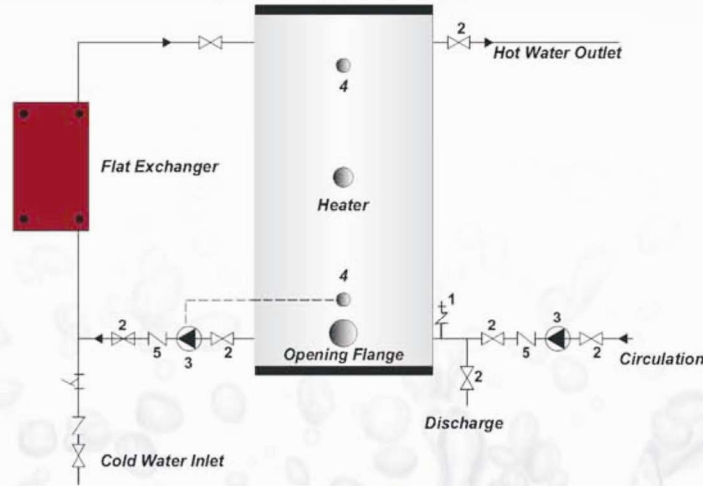
LIMPIA 104	100 LT	LIMPIA 1004	1000 LT
LIMPIA 164	160 LT	LIMPIA 1504	1500 LT
LIMPIA 204	200 LT	LIMPIA 2004	2000 LT
LIMPIA 354	350 LT	LIMPIA 2504	2500 LT
LIMPIA 504	500 LT	LIMPIA 3004	3000 LT
LIMPIA 604	600 LT		
LIMPIA 804	800 LT		

NOTE: Capacities between 800 - 3000 lt. can be produced polyurethane insulated and electrostatics powder painted cover on galvanized plate as optional.

## HOT WATER STORAGE TANKS

### CONNECTION SCHEME

- 1.Safety Relief Valve
- 2.On/Off Valve
- 3.Circulation Pump
- 4.Thermostat
- 5.Check Valve
- 6.Strainer



### DIMENSION SCHEME

MODEL	LIMPIA 104	LIMPIA 164	LIMPIA 204	LIMPIA 354	LIMPIA 504	LIMPIA 604	LIMPIA 804	LIMPIA 1004	LIMPIA 1504	LIMPIA 2004	LIMPIA 3004
CAPACITY (LT)	100	160	200	350	500	600	800	1000	1500	2000	3000
EXTERNAL CALIBER (mm)	486	586	586	756	756	756	910	1010	1120	1260	1460
HEIGHT (mm)	1100	1100	1300	1320	1770	2020	2150	2180	2470	2500	2750
INLET OUTLET	1"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/2"	1 1/2"	2"	2"	3"
CIRCULATION	1"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/2"	1 1/4"	1 1/2"	1 1/2"	2"
NET WEIGHT (without water) (kg)	62	68	82	108	143	162	235	302	350	470	640