



# ELECTRICAL WATER HEATER



**SGF ENERGY SYSTEMS**

Industry & Trade Corporation

*we are directing Energy...*

## Electrical Hot Water Heater

These electrical water heaters, that are produced according to European Standard (EN 12897), are given preference in areas which don't have the source of heating liquid to respond hot water demand by using electric energy.

The security of electric control panel in this product is upgraded to maximum level. In the electric control panel, mainly there are fuse, contact, thermostat of security and operation, on/off switch and the relay of contact fault stream.

Moreover, different capacities and electric power of this product can be made also by using security valve that is sensitive to temperature and pressure as optional.

### Technical Features

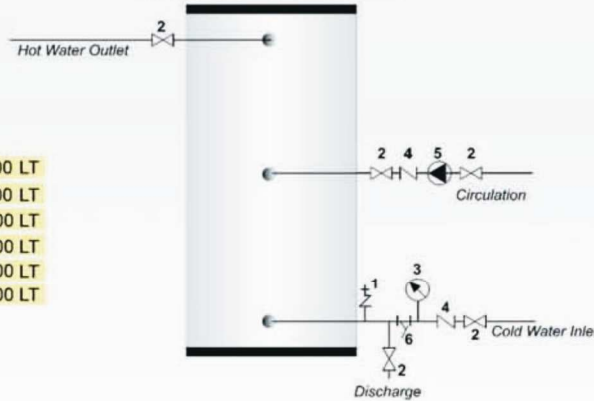
- Capacity between 100 - 3000 lt.
- Hygienic because areas, that come into contact with water, are plated with two coats of enamel...
- 50 mm. Polyurethane insulated at all capacities.
- Electrostatics powder painted cover on galvanized plate at all capacities.
- Cathodic protection.
- High efficiency.
- Rustless resistances.
- Esthetic appearance.
- 10 bar operating pressure.



### MODELS

LIMPIA 103	100 LT	LIMPIA 603	600 LT
LIMPIA 163	160 LT	LIMPIA 803	800 LT
LIMPIA 203	200 LT	LIMPIA 1003	1000 LT
LIMPIA 353	350 LT	LIMPIA 1503	1500 LT
LIMPIA 503	500 LT	LIMPIA 2003	2000 LT
		LIMPIA 3003	3000 LT

### ELECTRICAL HOT WATER HEATER



### CONNECTION SCHEME

1. T&P Valve
2. Open - Closed valve
3. Manometers
4. Check valve
5. Circulation Pump
6. Strainers

### CAPACITY SCHEME

MODEL	CAPACITY (LT)	ELECTRIC POWER (KW)	HOT WATER CAPACITY (LT/H) 10/45°C
LIMPIA 103	100	1x4	98
LIMPIA 163	160	2x3	147
LIMPIA 203	200	2x4	196
LIMPIA 353	350	2x7	345
LIMPIA 503	500	2x10	491
LIMPIA 603	600	2x12	593
LIMPIA 803	800	2x15	740
LIMPIA 1003	1000	3x15	1105
LIMPIA 1503	1500	4x15	1475
LIMPIA 2003	2000	5x15	1850
LIMPIA 3003	2000	8x15	2948

Our products are suitable for 220 V or 380 V, 50Hz. We may produce special water heaters for 110V and 60 Hz. Please contact us for bigger or different capacities.

MODEL	LIMPIA 103	LIMPIA 163	LIMPIA 203	LIMPIA 353	LIMPIA 503	LIMPIA 603	LIMPIA 803	LIMPIA 1003	LIMPIA 1503	LIMPIA 2003	LIMPIA 3003
CAPACITY (LT)	100	160	200	350	500	600	800	1000	1500	2000	3000
DIAMETER(mm)	486	586	586	756	756	756	910	1010	1120	1260	1460
HEIGHT (mm)	1100	1100	1300	1320	1770	2020	2150	2180	2470	2500	2700
COLD WATER INLET	3/4"	3/4"	3/4"	1"	1"	1"	1 1/4"	1 1/4"	1 1/2"	1 1/2"	2"
HOT WATER OUTLET	3/4"	3/4"	3/4"	1"	1"	1"	1 1/4"	1 1/4"	1 1/2"	1 1/2"	2"
CIRCULATION	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	1"	1"	1 1/4"	1 1/4"	1 1/2"
NET WEIGHT (kg)	65	74	89	156	177	194	250	310	417	590	690

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