

## COMPACT HOT WATER FLAT PLATE SOLAR SYSTEM

### TECHNICAL SPECIFICATIONS OF STORAGE TANK:

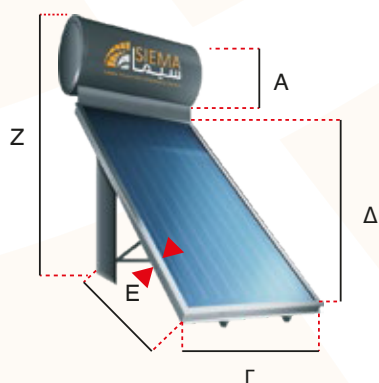
Compact hot water flat plate solar system In our new UAE branch, we designed a new model of storage tank from SUS 304, SUS 316, to be more suitable for any kind of water type, whatever soft water or high TDS inside, will not be affected by corrosion.

**Siema** started a commercial cooperation with one of the most well-known Greek company; through which we became capable of providing our customers with very high European standard products. The inner part of the hot storage steel tanks is enameled with a 3 mm thickness, in addition to the most durable copper tanks which maintain the highest efficiency at the longest lifecycle .



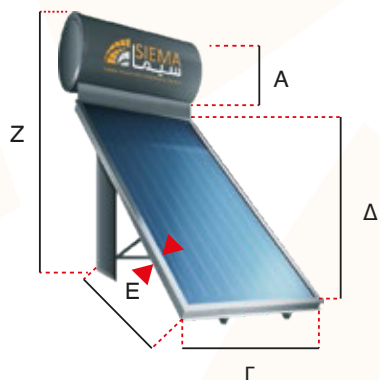
- Insulation: expanded high-density polyurethane (44 kg/m<sup>3</sup>) thickness of 50-60 mm.
- Thermal insulation conductivity: 0,0180 W / mK.
- Anode Rod Protection
- External Cover: in any types according to your needs (grey or white).
- Side lids: specially designed and shaped lids, without any need for ancillary screws.
- Electrical resistance: power according to the regulations of the country of destination, with a thermostat unipolar control and bipolar protection.
- Receptor for the strain of the thermostat.
- Test pressure 6 Bar, operating pressure 4 Bar. T/P valve: 4 bar / 90 Capacity: 100~300

### Dimensions in cm & weights GLASS Solar Heaters with Phaethon Collectors



Model	A	Γ	Δ	E	Z		Capacity/Ltr	Absorbing Area / m <sup>2</sup>	Weight /Kg
1,7/120PH	53	105	160	8.6	153	167	120	1.68	101
2,0/160PH	53	120	200	8.6	178	200	160	2.00	125
2,4/160PH	53	120	200	8.6	178	200	160	2.40	129
2,4/160HPH	53	200	120	8.6	151	110	160	2.40	129
3,4/160PH	53	210	160	8.6	153	167	160	3.36	148
2,4/200PH	58	120	200	8.6	178	200	200	2.40	141
3,4/200PH	58	210	160	8.6	158	167	200	3.36	160
4,0/300PH	58	208	200	8.6	183	200	300	4.00	219
4,8/300PH	58	242	200	8.6	183	200	300	4.80	228

### Dimensions in cm & weights GLASS Solar Heaters with Atlas Collectors



Model	A	Γ	Δ	E	Z		Capacity/Ltr	Absorbing Area / m <sup>2</sup>	Weight /Kg
1,5/120A	53	101.5	156.5	7.5	153	167	120	1.59	96
2,0/160A	53	116.5	196.5	7.5	178	200	160	1.9	115
2,3/160A	53	116.5	196.5	7.5	178	200	160	2.29	118.5
2,3/160HA	53	196.5	116.5	7.5	151	110	160	2.29	118.5
3,0/160A	53	210	156.5	7.5	153	167	160	3.18	138
2,3/200A	58	116.5	196.5	7.5	178	200	200	2.29	130
3,0/200A	58	210	156.5	7.5	158	167	200	3.18	150
4,0/300A	58	205	196.5	7.5	183	200	300	3.80	201
4,6/300A	58	242	196.5	7.5	183	200	300	4.58	209