

## THERMOSIPHON SYSTEM FINO 150-1-T250 & FINO 200-1-T270

### Technical Specifications

	150-1-T250	200-1-T270
<b>Collector</b>		
Number of collectors	1	1
Area of collector	2.31m <sup>2</sup>	2.68m <sup>2</sup>
Absorber Surface	2.10m <sup>2</sup>	2.42m <sup>2</sup>
Weight	50kg	57kg
Absorber Fins	Aluminum or Copper sheet with selective treatment. Welded to copper pipe with laser or ultrasonic welding. a = 95% e = 5% ±1	
Casing	Aluminum profile epoxy powder oven painted. Free of screws and rivets. Sea Water resistant.	
Glassing	Tempered low iron glass 4 mm. 88.5% transmission.	
Sealing	EPDM Rubber	
<b>Tank</b>		
Nominal Capacity	150ltr	200ltr
Dimensions	1320mm x Ø500	1320mm x Ø530
Weight empty	60kg	67kg
Weight filled	202.7kg	245.7kg
Boiler body	The boiler "body" is made from 2.5mm USD 37.2 steel plate. The boiler is (glass) enameled with the advanced double "direct" method "fired" at 860°C	
Heat exchanger	Internal "double jacket" heat exchanger made from 1.5 mm U.S.D. 37.2 steel sheet	
Insulation	Polyurethane 50mm (40kg/m <sup>3</sup> ) cast under pressure for EUR 150 and 40mm for EUR 200	
External Cover	Silver color (Stainless steel cover is optional)	
Anode protection	Magnesium rod	
Solar Safety Valve	Safety valve: 2.5at	
Max. working pressure	10 at	
<b>Electric element 2-4kW</b>		

