

## THERMOSIPHON SYSTEM FINO 300-2-W200

### Technical Specifications

#### 300-2-W200

#### Collector

Number of collectors	2
Area of collector	3.82m <sup>2</sup>
Absorber Surface	3.42m <sup>2</sup>
Weight	41kg each

Absorber Fins	Aluminum full face sheet with blue selective titanium oxides sputtering treatment. Welded to copper pipe with laser welding. a = 95% e = 5% (±0.02)
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Casing	Aluminum profile epoxy powder oven painted. Free of screws and rivets. Sea Water resistant.
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Glassing	Tempered low iron glass 4 mm. 88.5% transmission.
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Sealing	EPDM Rubber
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#### Tank

Nominal Capacity	300ltr
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Dimensions	2080mm x Ø530
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Weight empty	106kg
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Weight filled	396.50kg
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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
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Heat exchanger	Internal "double jacket" heat exchanger made from 1.5 mm U.S.D. 37.2 steel sheet
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Insulation	Polyurethane 40mm thickness casted under pressure with density 40kg/m <sup>3</sup>
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External Cover	Silver color (Stainless steel cover is optional)
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Anode protection	Magnesium rod
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Solar Safety Valve	Safety valve: 2.5at
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Max. working pressure	10 at
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#### Electric element 2-4kW

