

## THERMOSIPHON SYSTEM FINO 150-1-250 & FINO 200-1-270

### Technical Specifications

|                               | 150-1-250   | 200-1-270          |
|-------------------------------|---|--------------------|
| <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                      | 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. 91.5% 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/m3) 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> |   |                    |

