

Simply better!

SIELINE *ECO*

INOX series

**high
performance**

**classic
design**

**increased
durability**



INOX series: Stainless steel tank AISI 316 L
(*high hygienic standards*)



Stainless steel external tank case
(*no corrosion*)



Strong polyurethane insulation,
50mm thick (52kg / m³)
(*Better thermal insulation*)



INOX series: 2,0mm thick
stainless steel 316 L tank
(*robust construction*)



Aluminum made collector
case, frame and back
(*no corrosion*)



Aluminum made Full
plate absorber, with
laser welding procedure
selective absorber
(*higher output*)



Special painted
galvanized steel base
(*strong and easy
installation*)



For over 40 years,



continues the great
tradition of construction
and design of the

SIEMENS

Solar Water Heaters

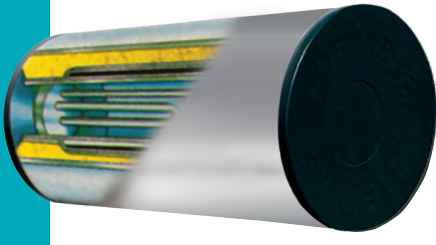
All time value

SIELINE^{ECO}

Premium Stainless Steel Series



Boiler



- **INOX series:** Fully industrialized boiler from stainless steel tank AISI 316 L, 2,0 mm thickness.
- External housing from antimagnetic stainless steel 304.
- Thermal insulation with ecological polyurethane, high density (CFC free) (52kg/m³) with thermal conductivity of the insulation at 0,0180 W/mK.
- Electrical resistance 4kw (or 2kw) with thermostat and security.
- Cathode protection by magnesium anode (Φ32mm and L=500) for effective protection against corrosion.



- Special Aluminum Absorber (Full Plate Selective) with blue titanium single body, laser welding on the cooper risers and headers.
- Great Performance: Absorption $\alpha=95\% \pm 2\%$, Emission factor $\epsilon=5\% \pm 2\%$.
- "Seaside Class" electrostatic treatment to the Aluminum Collector case (frame and back cover).
- High density, eco-friendly thermal insulation back side achieved with 30mm thick rock wool and side 20mm thick ($\lambda=0,35$ W/m. °C).
- Tempered Solar glass with low steel contents, 4mm thickness and high prismatic transparency ($\tau \geq 0,90$).



Collector



Accessories



- All the connection sets are built on strict specifications RoHS compliance.
- The connection set are with inox pipes
- Special antifreeze and anticorrosive liquid (non toxic), protects from corrosion and frost from very low temperatures.
- Sieline ensures quality control and the accessories are provided sealed in a box.



- Strong construction from painted galvanized steel ensures durability.
- Easy assembling and quick installation.
- Special base for tile roof.



Base

ECO 150 / 2,0m ²	ECO 200 / 2,5m ²	ECO 200 / 3,0m ²	ECO 300 / 4,0m ²	Available Models
				SIELINE^{ECO}
<div>1500 1300</div> <div>1550 1750</div>	<div>2000 1260</div> <div>2010 2050</div>	<div>1500 2138</div> <div>1550 1830</div>	<div>2000 2200</div> <div>2010 2080</div>	<div>Dim. in mm</div>
Appr. Persons: 3 - 4	Appr. Persons: 4 - 5	Appr. Persons: 4 - 5	Appr. Persons: 5 - 6	

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Manufactured based on German standards.

