

# Certificate

ET 516 2019 C3

Manufacturer: **Energie**  
**Zona Industrial de Laúndos, Lote 48**  
**4570-311 Laúndos**  
**Povoa de Varzim – PORTUGAL**

Type designation: **ECO 250**

Product: **Water heater**

Type of operation: **Domestic hot water heat pump**

Type of heat source: **Air**

Type of certificate: **Air heat pump hot domestic water heater acc. DIN EN 16147**



Energy Efficiency Class  
Verified  
Regular  
Surveillance

www.tuv.com  
ID 0000050608



Test result: **We declare that the requirements of the above mentioned standards are fulfilled. See measuring conditions and results on the back side:**

**This certificate is valid until 03/2022**

Detailed results are presented in the test report ET 516 2015 B1.

**Cologne, December 13<sup>th</sup> 2019**

**Test Centre for  
Energy Appliances**

**Dep. Head of Test Centre**

A handwritten signature in blue ink, reading 'M. Reibold'.

**Dipl.-Ing. M. Reibold**

TÜV Rheinland Energy GmbH, Am Grauen Stein, D-51105 Köln

**Test result for DHW:**

Measured load profile	<b>XL</b>	
Water heating energy efficiency $\eta_{wh}$ :	<b>121%</b>	(Colder climate +2°C)
	<b>132%</b>	(Average climate +7°C)
	<b>155%</b>	(Warmer climate +14°C)
Water heating energy efficiency class:	<b>A</b>	(Colder climate +2°C)
	<b>A+</b>	(Average climate +7°C)
	<b>A+</b>	(Warmer climate +14°C)
Annual electricity consumption AEC:	<b>1389 kWh</b>	(Colder climate +2°C)
	<b>1268 kWh</b>	(Average climate +7°C)
	<b>1078 kWh</b>	(Warmer climate +14°C)
Coefficient of performance $COP_{DHW}$ :	<b>2,94</b>	(Colder climate +2°C)
	<b>3,24</b>	(Average climate +7°C)
	<b>3,78</b>	(Warmer climate +14°C)
Mixed water at 40°C (V40):	<b>349l</b>	

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