

Ficha de Produto

Fabricante		ENERGIE - EST
Modelo		ECOTOP-AN 250
Perfil de carga		XL
Classe de eficiencia energética a 2 °C		A
Classe de eficiencia energética a 7 °C		A+
Classe de eficiencia energética a 14 °C		A+
Eficiencia energética a 2 °C	%	121
Eficiencia energética a 7 °C	%	132
Eficiencia Energética a 14 °C	%	155
Consumo anual de energia a 2 °C	kWh/ano	1389
Consumo anual de energia a 7 °C	kWh/ano	1268
Consumo anual de energia a 14 °C	kWh/ano	1078
Setpoint de temperatura	°C	53
Nível de potência sonora interior	dB	47

Product Sheet

Manufacturer		ENERGIE - EST
Model		ECOTOP-AN 250
Load profile		XL
Energy efficiency class 2 °C		A
Energy efficiency class 7 °C		A+
Energy efficiency class 14 °C		A+
Energy efficiency at 2 °C	%	121
Energy efficiency at 7 °C	%	132
Energy efficiency at 14 °C	%	155
Annual electricity consumption at 2 °C	kWh/year	1389
Annual electricity consumption at 7 °C	kWh/year	1268
Annual electricity consumption at 14 °C	kWh/year	1078
Temperature setpoint	°C	53
Sound power level indoor	dB	47

Sheet for a package of water heater and solar device indicating the water heating energy efficiency of the package offered

Water heating energy efficiency of water heater

 % 1
"|"

Declared load profile:

Solar contribution (From sheet of solar device)

$$(1,1 \times \text{"|"} - 10\%) \times \text{"||"} - \text{"|||"} - \text{"|"} = + \text{"|"} \% \quad \text{2}$$

Water heating energy efficiency of package under average climate

 % 3

Water heating energy efficiency class of package under average climate

	<input type="checkbox"/> G	<input type="checkbox"/> F	<input type="checkbox"/> E	<input type="checkbox"/> D	<input type="checkbox"/> C	<input type="checkbox"/> B	<input type="checkbox"/> A	<input type="checkbox"/> A ⁺	<input type="checkbox"/> A ⁺⁺	<input type="checkbox"/> A ⁺⁺⁺
<input type="checkbox"/> M	<27 %	≥27 %	≥30 %	≥33 %	≥36 %	≥39 %	≥65 %	≥100 %	≥130 %	≥163 %
<input type="checkbox"/> L	<27 %	≥27 %	≥30 %	≥34 %	≥37 %	≥50 %	≥75 %	≥115 %	≥150 %	≥188 %
<input type="checkbox"/> XL	<27 %	≥27 %	≥30 %	≥35 %	≥38 %	≥55 %	≥80 %	≥123 %	≥160 %	≥200 %
<input type="checkbox"/> XXL	<28 %	≥28 %	≥32 %	≥36 %	≥40 %	≥60 %	≥85 %	≥131 %	≥170 %	≥213 %

Water heating energy efficiency under colder and warmer climate conditions

Colder: - 0,2 x = %

Warmer: + 0,4 x = %

"I" - valor da eficiência energética do aquecimento de água do aquecedor de água, expresso em %

"II" - valor da expressão matemática $(220 \cdot Q_{ref}) / Q_{nonsol}$ em que Q_{ref} é 11,655 para perfil L e 19,07 para perfil XL e Q_{nonsol} o valor indicado na ficha de produto do dispositivo solar para o perfil de carga L ou XL

"III" - valor da expressão matemática $(Q_{aux} \cdot 2,5) / (220 \cdot Q_{ref})$, expresso em % em que Q_{aux} tem o valor indicado na ficha de produto do dispositivo solar e Q_{ref} de 11,655 para perfil L e 19,07 para perfil XL

"I" - value of the water heating energy efficiency of the water heater, expressed in %

"II" - value of the mathematical expression $(220 \cdot Q_{ref}) / Q_{nonsol}$, where the Q_{ref} is 11,655 (L profile) or 19,07 (XL profile) and Q_{nonsol} from the product fiche of the solar device for the L or XL profile

"III" - value of the mathematical expression $(Q_{aux} \cdot 2,5) / (220 \cdot Q_{ref})$, expressed in % where the Q_{aux} is taken from the product fiche of the solar device and Q_{ref} is 11,655 (L profile) or 19,07 (XL profile)