

Data sheet for energy label creation

For details please refer to the product data sheet of the relevant manufacturer. Alternatively, it is possible to send the product data sheets of the individual components in order to generate the energy label. **TISUN®** will only generate the energy label if **TISUN® collectors** and / or **TISUN® storage tanks** are concerned.

Client: **Project:**

System-type: Hot water Heating Combination hot water/ heating

Boiler as heat generator:

Manufacturer: Article number:
 Designation: Energy efficiency class:
 Energy efficiency (%): Rated heat output (kW):
 Heat output additional device (kW): Load profile water heating:
 Energy efficiency with mentioned load profile (%): Useful heat output P4 (kW):
 Heat loss Pstby (kW): Energy efficiency eta-4 (%):
 Auxiliary electricity P_{sb}: Auxiliary electricity el-max:

Heat pump as heat generator:

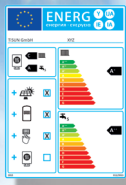
Manufacturer: Article number:
 Designation: Energy efficiency class -/35/55 °C:
 Energy efficiency -/35/55 °C (%): Rated heat output -/35/55 °C (kW):
 Heat output additional device -/35/55 °C (kW): Load profile water heating:
 Energy efficiency with mentioned load profile (%): Energy efficiency -/35/55 °C cold climate (%):
 Energy efficiency -/35/55 °C warm climate (%): Coefficient of performance COP_n:

Water heater (solar, conventional, heat pump):

Manufacturer: Article number:
 Designation: Load profile water heating:
 Energy efficiency class with mentioned load profile: Energy efficiency with mentioned load profile (%):

Temperature control unit:

Manufacturer: Article number:
 Designation: Temperature control unit - class:
 Energy efficiency (%): Standby-losses (W):



Energy label form

 Solar pump:

Manufacturer:	<input type="text"/>	Article number:	<input type="text"/>
Designation:	<input type="text"/>	Power consumption (W):	<input type="text"/>

 Collector:

Manufacturer:	<input type="text"/>	Article number:	<input type="text"/>
Designation:	<input type="text"/>	Aperture area (m ²):	<input type="text"/>
Efficiency (%):	<input type="text"/>	Zero-loss efficiency:	<input type="text"/>
First-order coefficient a1 (W/m ² K):	<input type="text"/>	Second-order coefficient a2 (W/m ² K ²):	<input type="text"/>
Incidence angle modifier IAM:	<input type="text"/>		

 Storage tank:

Manufacturer:	<input type="text"/>	Article number:	<input type="text"/>
Designation:	<input type="text"/>	Energy efficiency class:	<input type="text"/>
Nominal volume (L):	<input type="text"/>	Standing loss (W):	<input type="text"/>

 Solar device:

Manufacturer:	<input type="text"/>	Article number:	<input type="text"/>
Designation:	<input type="text"/>	Storage tank energy efficiency class:	<input type="text"/>
Storage tank nominal volume (L):	<input type="text"/>	Collector aperture area (m ²):	<input type="text"/>
Collector efficiency (%):	<input type="text"/>	Auxiliary electricity:	<input type="text"/>
Qnonsol Profile M:	<input type="text"/>	Qnonsol Profile L:	<input type="text"/>
Qnonsol Profile XL:	<input type="text"/>	Qnonsol Profile XXL:	<input type="text"/>

 Additional information:

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