

DESIGN, DEVELOPMENT  
AND EUROPEAN MANUFACTURING



## — ECOTOP —

DOMESTIC HOT WATER

ECONOMY | COMFORT | ECOLOGY

PROBABLY THE MOST ADVANCED SOLAR  
WATER HEATER IN THE WORLD



HOT WATER  
24 HOURS  
A DAY

ANTI-LEGIONELLA  
FUNCTION

UP TO  
**85%**  
ECONOMY

THE LATEST  
GENERATION  
OF ENERGY  
SOLAR

WORKS  
WITH YOUR  
PV SYSTEM

### New Design

We select the best components and subject our systems to rigorous quality testing to ensure maximum customer satisfaction



# MADE IN EUROPE

## MAXIMUM PRODUCTIVITY WITH SOLAR PERFORMANCE



- HEAT IS CAPTURED IN THE FORM OF SOLAR RADIATION, ENVIRONMENTAL TEMPERATURE, RAIN, WIND AND EVEN SNOW.
- THE HEAT PRODUCED ON COLDER DAYS, EVEN AT NIGHT IS SUFFICIENT TO PRODUCE THE WATER TEMPERATURE DESIRED.
- THE SOLAR PANEL IS LIGHT, DISCREET AND VERSATILE IN TERMS OF WHERE TO PUT IT.
- OUTSIDE CYLINDER CONDENSER (NO CONTACT WITH WATER).
- 3RD GENERATION THERMODYNAMIC SOLAR ENERGY.
- HOT WATER UP TO 55°C AVAILABLE 24H PER DAY.
- LOW MAINTENANCE.
- THE ENERGY CONSUMPTION OF THE EQUIPMENT IS REDUCED DUE TO A SUPER EFFICIENT COMPRESSOR.
- NO DEFROST CYCLE.
- VERSIONS WITH 1 OR 2 THERMODYNAMIC SOLAR PANELS.
- ENAMELLED OR STAINLESS STEEL CYLINDER.
- WITH OR WITHOUT SUPPLEMENTARY COIL.

### Electronic Controller

#### ECO Operating Mode

The equipment only works as a Thermodynamic Solar System.

#### AUTO Operating Mode

The equipment works as a Thermodynamic Solar System and/or electrical support should it be required.

#### BOOST Operating mode

The equipment works with a Thermodynamic Solar System and electrical support simultaneously.



Check warranty conditions



## MAXIMUM EFFICIENCY

## PV intelligent function

Take Full advantage of your PV System:

- Sets new standards of smart energy management,
- Maximize your PV Solar Panels production and reduce your DHW costs,
- Maximize the solar irradiation available by having the thermodynamic solar system working more when there is more sun available,
- Get the balance between PV production and consumption with our intelligent controller.

With PV Smart Grid Ready, the ENERGIE Solar System absorbs the extra power generated by PV Panels, Wind Energy or Small Hydro storing what would be lost energy into the water, enabling you to save even more.



- Thermodynamic Solar Panel ①
- DWH Cylinder ②
- Thermodynamic Block ③
- PV Panels ④
- Inverter ⑤

## List of equipment from the range

Model	No. of Panels	Enamelled	Stainless Steel	Thermal Power W(Med/Max)	Power Consumption W(Med/Max)	Electrical Supply V/Hz	Liters	No. of People	ErP Class	Tapping Profile
Eco 200esm	1	x		1250   2100	350   600	220-240/50	200	4	A+	L
Eco 250esm	1	x		1250   2100	350   600	220-240/50	250	4/5	A+	XL
Eco 300esm	1	x		1250   2100	350   600	220-240/50	300	5/6	A+	XL
Eco 200i	1		x	1250   2100	350   600	220-240/50	195	4	A+	L
Eco 250i	1		x	1250   2100	350   600	220-240/50	245	4/5	A+	XL
Eco 300i	1		x	1250   2100	350   600	220-240/50	295	5/6	A+	XL

esm(enamel led) | i(Stainless Steel)

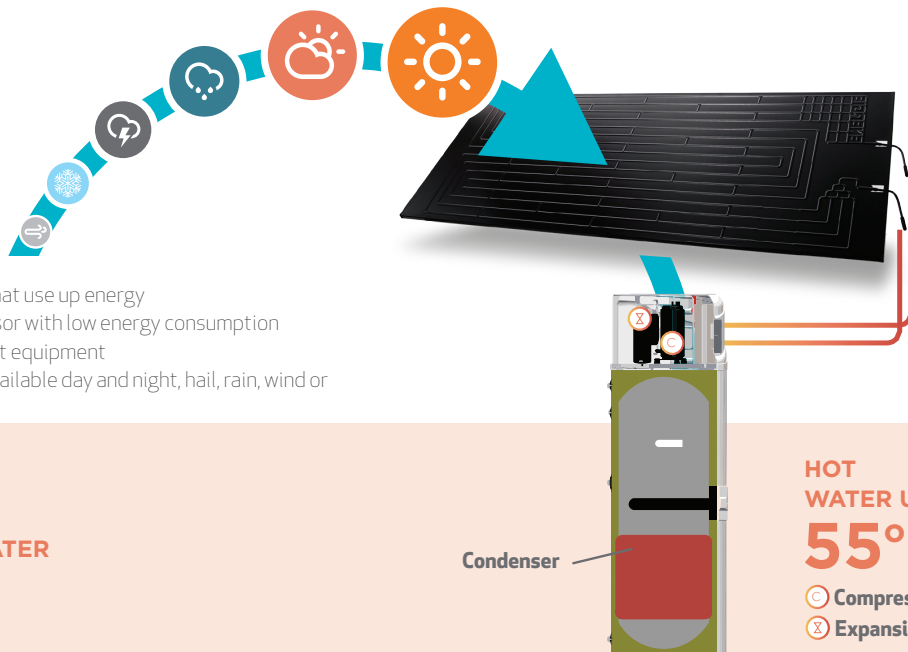


# THERMODYNAMIC SOLAR SYSTEM OPERATING PRINCIPLE



## Equipment

- Without ducts
- Without ventilators
- Without defrost cycles that use up energy
- Super efficient compressor with low energy consumption
- No need to install support equipment
- Hot water guaranteed, available day and night, hail, rain, wind or shine up to 55°C



## DOMESTIC HOT WATER



APPLIES TO  
EUROPEAN  
DIRECTIVE  
FOR ENERGY  
RELATED  
PRODUCTS

## Authorized Dealer

**ENERGIE Australia PTY LTD**

**Address** PO Box 96, Fullarton SA 5063 - AUSTRALIA

**Telephone** 08 8431 7029 **Mobile** 0434 540 354

**E-mail** info@energieaus.com.au

**Website** www.energieaustralia.com.au

**Address** Zona Industrial de Laúndos, Lote 48  
4570-311 Laúndos - Póvoa de Varzim PORTUGAL

**Coordenadas GPS** N 41 27.215' , W 8 43.669'

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