Thermodynamic Solar System
with one Solar Panel

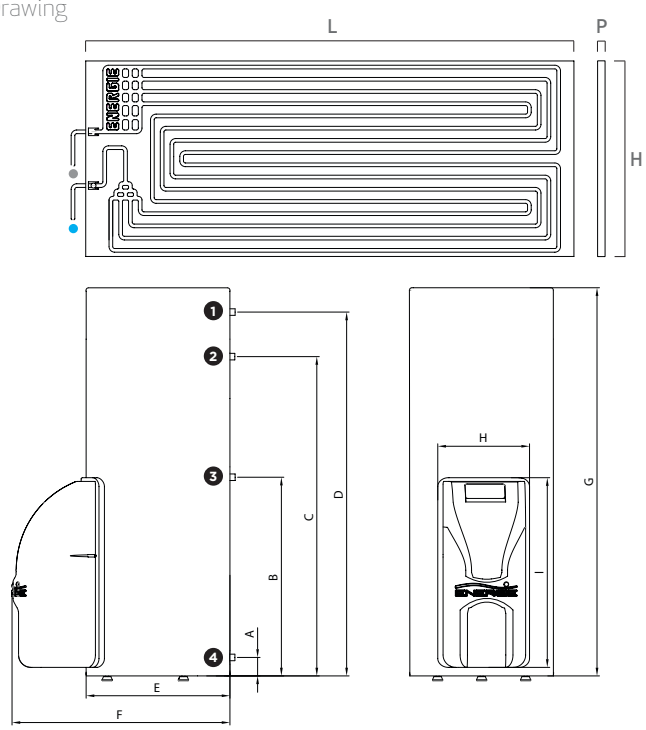
Specifications		Eco 200esm	Eco 250i Eco 250esm	Eco 300i Eco 300esm
Nominal Capacity	l	200	250	300
Thermal Power (Med/Max)	W	1690/2900	1690/2900	1690/2900
Power Consumption (Med/Max)	W	390/550	390/550	390/550
Temperature (Factory Setpoint)	°C	52	52	52
Maximum Temperature	°C	70	70	70
Max. Amount of water at 40°C in a run (St./En.)	l	-/290	330/345	375/408
Maximum Operation Pressure	bar	6	6	6
Number of Panels		1	1	1
Liquid Line	Pol.	1/4	1/4	1/4
Suction Line	Pol.	3/8	3/8	3/8
Electrical back-up power	W	1500	1500	1500
Gross Weight of Cylinder (St./En.)	Kg	-/73	62/83	74/95
Electrical Supply	V/Hz	230/50-60	230/50-60	230/50-60

Equipment with fluid pre-charge
Easy Install
Economic Solar Solution

Technical Drawing

L-2000mm
H-800mm
P-20mm

● Steam Line
● Liquid Line



Dimensions (mm)	Eco 200esm	Eco 250i Eco 250esm	Eco 300i Eco 300esm
A	74	74	74
B	650	815	815
C	1146	1326	1543
D	1274	1454	1671
E	580	580	580
F	880	880	880
G	1350	1530	1750
H	370	370	370
I	765	765	765

1 (Hot Water)	3/4" Male
2 (PT Valve) *	1/2" Female
3 (Recirculation)	3/4" Male
4 (Cold Water)	3/4" Male
5 (Coil Inlet)	-
6 (Coil Outlet)	-

*Optional

With flares valves on the solar panel and on the thermodynamic group
With dielectric threads for water connections

ENERGIE THERMODYNAMIC SOLAR ENERGY

Iris Hellas Technology Innovations