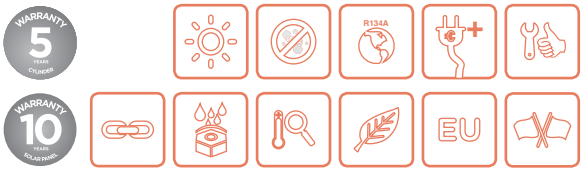
Thermodynamic Solar System
with two Solar Panels

Specifications		Eco 250is	Eco 300is Eco 300esms	Eco 450is
Nominal Capacity	l	250	300	450
Thermal Power (Med/Max)	W	2800/4550	2800/4550	2800/4550
Power Consumption (Med/Max)	W	595/890	595/890	595/890
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	330/-	375/408	515/-
Maximum Operation Pressure	bar	6	6	6
Number of Panels		2	2	2
Liquid Line	Pol.	3/8	3/8	3/8
Suction Line	Pol.	1/2	1/2	1/2
Electrical back-up power	W	1500	1500	2500
Gross Weight of Cylinder (St./En.)	Kg	62/-	74/95	110/-
Electrical Supply	V/Hz	230/50-60	230/50-60	230/50-60

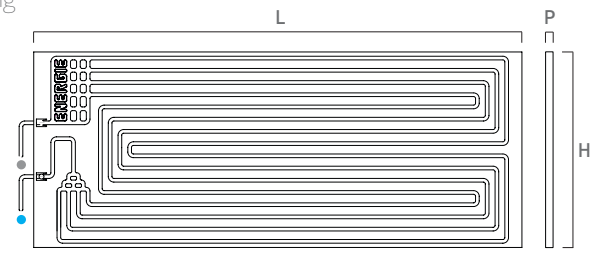
Superior Performance
Equipment with fluid pre-charge
Larger number of users



Technical Drawing

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

● Steam line
● Liquid line



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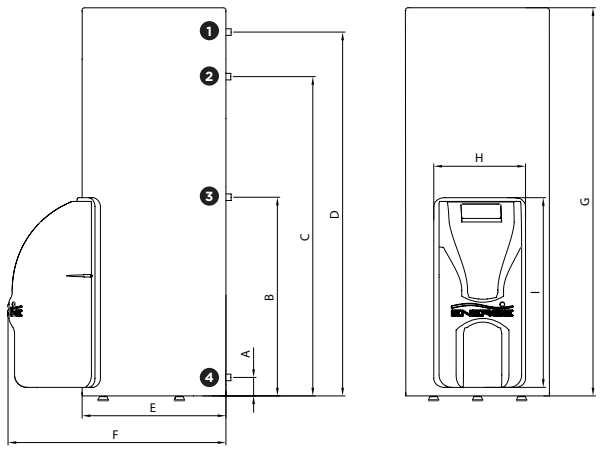

Includes Liquid Distributor
With dielectric threads for water connections

Dimensions (mm)	Eco 250is	Eco 300is Eco 300esms	Eco 450is
A	74	74	77
B	815	815	757
C	1326	1543	1769
D	1454	1671	1912
E	580	580	650
F	880	880	950
G	1530	1750	1950
H	370	370	370
I	765	765	765

	Eco250is 300is/300esms	Eco450is
1 (Hot Water)	3/4" Male	1" Male
2 (PT Valve) *	1/2" Female	1/2" Female
3 (Recirculation)	3/4" Male	3/4" Male
4 (Cold Water)	3/4" Male	1" Male
5 (Coil Inlet)	-	-
6 (Coil Outlet)	-	-

*Optional

ENERGIE THERMODYNAMIC SOLAR ENERGY

Iris Hellas Technology Innovations