



SOLAR COLLECTORS ENERGY +

High design and functionality are the main characteristics of solar collectors series **ENERGY +** .
Ecofer innovates with evidence and presents the advantages of this economic collector series !

- Range of 8 sizes available from 1.5 m² to 2.9 m²
 - Unique mounting system with embedded mobile mounts
 - Lightweight design for easy transportation and installation
 - One-piece anodized profiles, anticorrosion technology for ultimate seal against moisture and micro-particles in the air.
 - Safety glass with high permeability.
 - Mineral wool insulation and side insulation.
 - Rack-type absorber (HARP) , tagged with LASER technology
 - 2 stainless vents at the bottom.
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- Possibility of mounting vertically or horizontally.
 - All types are certified by : **SOLARKEYMARK – SRCC**

<u>PRICELIST OF SOLAR COLLECTORS ENERGY +</u>			
MODEL	DIMENSIONS	ENERGY + ECO (€)	ENERGY + EVO (€)
1,5 m ²	1,00 X 1,50	80	85
1,75 m ²	1,18 X 1,43	90	97
2 m ²	1,00 X 2,00	100	104
2 m ²	1,30 X 1,50	102	106
2,3 m ²	1,17 X 1,89	118	123
2,5 m ²	1,25 X 2,00	129	131
2,75 m ²	1,18 X 2,23	139	145
2.9 m ²	1,45 x 2,00	156	161

TECHNICAL DATA		ENERGY + ECO							
TYPE	SI	ECO 15	ECO 17	ECO 19	ECO 20	ECO 23	ECO 25	ECO 27	ECO 29
Overall Area	m ²	1.51	1.68	1.96	2.02	2.25	2.52	2.66	2.92
Absorber Area	m ²	1.35	1.51	1.79	1.83	2.03	2.33	2.43	2.71
L x W x H	mm	1503x1007x87	1420x1183x87	1503x1305x87	2006x1007x87	1893x1183x87	2006x1257x87	2261x1183x87	2006x1457x87
Weight (Dry)	kg	27	29	35	35	36	41	45	47
Absorber Vol.Capacity	L	1.3	1.35	1.5	1.5	1.8	1.9	2	2.1
Housing / Thickness	mm	Anodized Aluminum Frame / 1							
Glass / Thickness	mm	Tempered Mistlite Low Iron / 3.2							
Glass Transmittance Solar / Light	%	91,8 / 91,9							
Thermal Insulation (Back) / Thickness	mm	Mineral Wool / 30							
Thermal Insulation (Lateral) / Thickness	mm	Mineral Wool / 30							
Back Support / Thickness	mm	Aluminium Plate / 0,4	Aluminium Plate / 0,4	Aluminium Plate / 0,4	Aluminium Plate / 0,4	Aluminium Plate / 0,4	Aluminium Plate / 0,5	Aluminium Plate / 0,5	Aluminium Plate / 0,5
Absorber		Harp Positioned - Copper Tubes - Selective Aluminium Surface - Laser* Welded							
Absorbtion	%	91							
Emission	%	35							
Header Cu Ø / Thickness	mm	22 / 0,7							
Riser Cu Ø / Thickness	mm	8 / 0,40							
Number of Risers		9	11	12	9	11	11	11	12
Connections Cu Ø 22		4 or 2							
Max Operating Pressure	Bar	10							
Heat Transfer Carrier		Antifreeze (Propylene Glycol) & Water Mixture							
Stagnation Temperature at 1000 W/m ² and 30°C	°C	130							
Position		Vertical or Horizontal							

TECHNICAL DATA		ENERGY + EVO							
TYPE	SI	EVO 15	EVO 17	EVO 19	EVO 20	EVO 23	EVO 25	EVO 27	EVO 29
Overall Area	m ²	1.51	1.68	1.96	2.02	2.25	2.52	2.66	2.92
Absorber Area	m ²	1.35	1.51	1.79	1.83	2.03	2.33	2.43	2.71
L x W x H	mm	1503x1007x87	1420x1183x87	1503x1305x87	2006x1007x87	1893x1183x87	2006x1257x87	2261x1183x87	2006x1457x87
Weight (Dry)	kg	27	29	35	35	36	41	45	47
Absorber Vol.Capacity	L	1.3	1.35	1.5	1.6	1.8	1.9	2	2.1
Housing / Thickness	mm	Anodized Aluminum Frame / 1							
Glass / Thickness	mm	Tempered Mistlite Low Iron / 3.2							
Glass Transmittance Solar / Light	%	91,8 / 91,9							
Thermal Insulation (Back) / Thickness	mm	Mineral Wool / 30							
Thermal Insulation (Lateral) / Thickness	mm	Mineral Wool / 30							
Back Support / Thickness	mm	Aluminium Plate / 0,4	Aluminium Plate / 0,4	Aluminium Plate / 0,4	Aluminium Plate / 0,4	Aluminium Plate / 0,4	Aluminium Plate / 0,5	Aluminium Plate / 0,4	Aluminium Plate / 0,5
Absorber		Harp Positioned - Copper Tubes - Selective Aluminium Surface - Laser* Welded							
Absorbtion	%	95							
Emission	%	5							
Header Cu Ø / Thickness	mm	22 / 0,7							
Riser Cu Ø / Thickness	mm	8 / 0,40							
Number of Risers		8	10	11	8	10	11	10	12
Connections Cu Ø 22		4 or 2							
Max Operating Pressure	Bar	10							
Heat Transfer Carrier		Antifreeze (Propylene Glycol) & Water Mixture							
Stagnation Temperature at 1000 W/m ² and 30°C	°C	187							
Position		Vertical or Horizontal							