Dimas
SOLAR THERMAL INDUSTRY

Energy+ EVO

Technical Data		ENERGY+ EVO							
Type	**SI**	**15**	**17**	**19**	**20**	**23**	**25**	**27**	**29**
Overall Area	m²	1.51	1.68	1.96	2.02	2.25	2.52	2.66	2.92
Absorber Area	m²	1.35	1.51	1.79	1.83	2.03	2.33	2.43	2.71
L x W x H	mm	1503x1007x85	1420x1183x85	1503x1305x85	2006x1007x85	1893x1183x85	2006x1257x85	2261x1183x85	2006x1457x85
Weight (Dry & Packed)	Kg	21	23	26	27	29	34	36	42
Absorber Volume Capacity	L	1.3	1.4	1.5	1.6	1.8	1.9	2	2.1
Housing / Thickness	mm	Anodized Aluminum Frame / 1							
Glass Cover	mm	Tempered, Low Iron							
Glass Transmittance Solar / Light	%	91,8 / 91,9							
Thermal Insulation (Back) / Thickness / Density	mm / Kg/m³	Mineral Wool / 30 / 30							
Thermal Insulation (Lateral) / Thickness / Density	mm / Kg/m³	Mineral Wool / 15 / 60							
Back Support / Thickness	mm	Aluminium Plate / 0,4	Aluminium Plate / 0,4	Aluminium Plate / 0,5	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 **Strips** Surface - Laser Welded							
Absorbtion	%	95 ± 2							
Emission	%	5 ± 2							
Header Cu Ø / Thickness	mm	22 / 0,7							
Riser Cu Ø / Thickness	mm	8 / 0,40							
Number of Risers in **Vertical** Position	Pcs	8	10	11	8	10	11	10	12
Number of Risers in **Horizontal** Position	Pcs	13	12	13	17	16	17	19	17
Connections Cu Ø 22		4 or 2							
Max Operating Pressure	Bar	10							
Heat Transfer Carrier		Antifreeze (Propylene Glycol) & Water Mixture							
Stagnation Temperature at 1 Kw/m² & 30˚C	˚C	199							
Position		Vertical or Horizontal							
Solar Keymark Certified		•	•	•	•	•	•	•	•