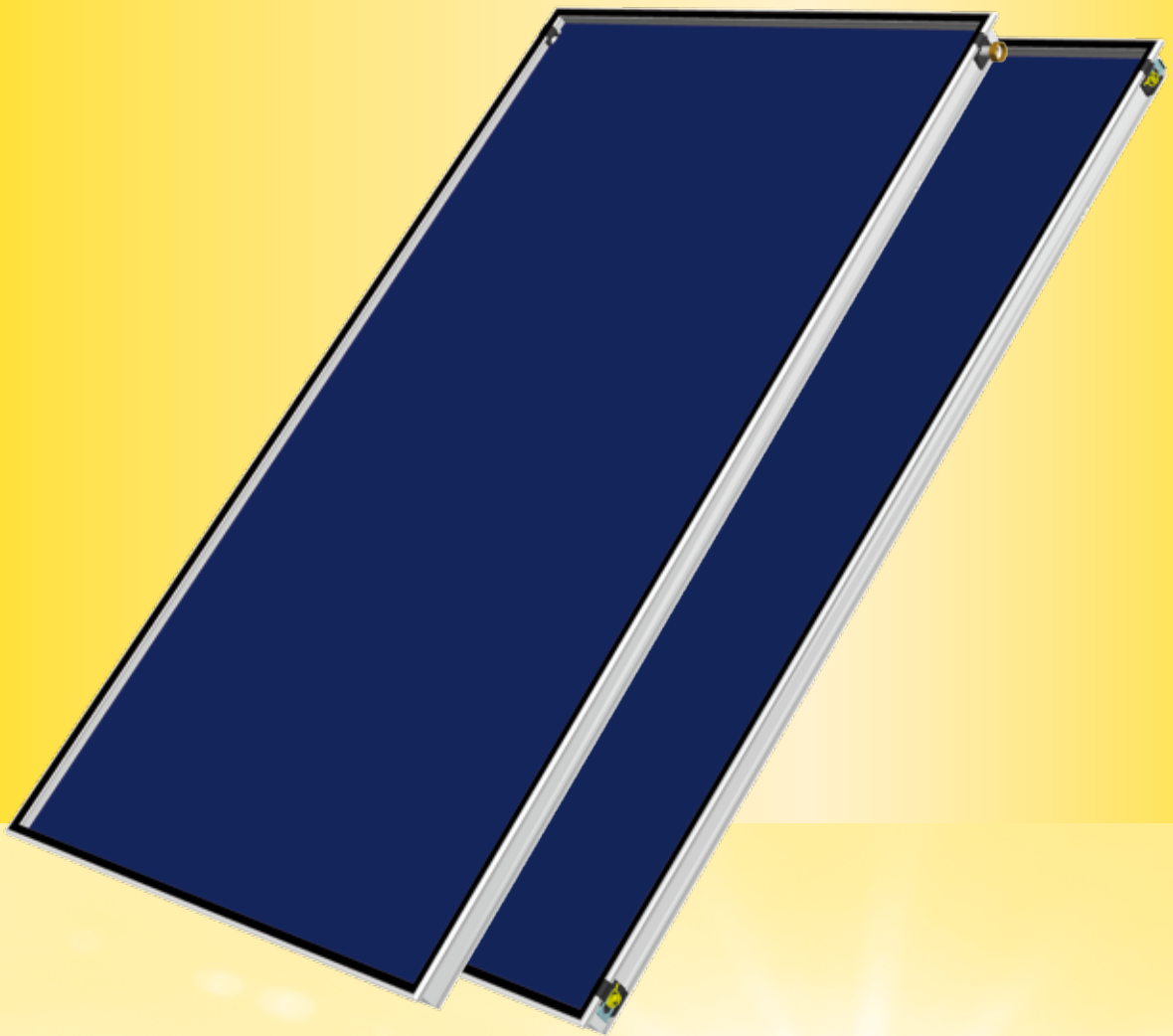
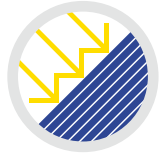


Frame collector

# ALPIN / ALPIN Easy





The ALPIN collectors impress with their outstanding performance and beautiful design. Their sophisticated technology enables them to be used with different mounting types.



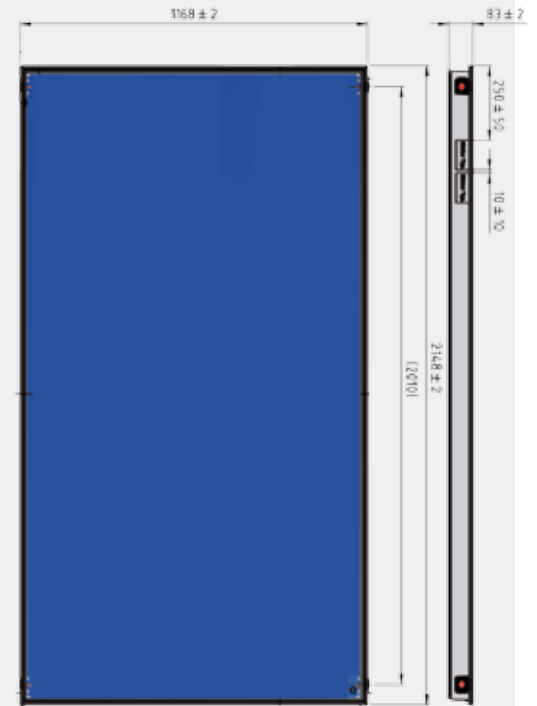
## RKA 2500 ALPIN / RKE 2500N Easy / RKE 2501 Easy

### Specifications

	<b>ALPIN</b> <b>RKA 2500</b> horizontal / vertical	<b>ALPIN Easy</b> <b>RKE 2500N</b> horizontal / vertical	<b>ALPIN Easy</b> <b>RKE 2501</b> horizontal
Collector type	Universal		
Gross surface area [m <sup>2</sup> ]	2,51		
Absorber surface area [m <sup>2</sup> ]	2,33	2,34	
Opening surface area [m <sup>2</sup> ]	2,33	2,35	
Efficiency $\eta_{col}$ [%]	<b>65,16</b>	<b>64,80 / 63,06</b>	<b>64,80</b>
Opt. Efficiency $\eta_0$	0,802 / 0,777	0,815 / 0,802	0,815
Lin. heat transmission coeff. a1 [W / (m <sup>2</sup> x K)]	3,241 / 3,824	3,54 / 3,806	3,454
Quad. heat transmission coeff. a2 [W / (m <sup>2</sup> x K)]	0,013 / 0,008	0,018 / 0,012	0,018
Incidence angle corr.factor IAM	0,93 / 0,95	0,93 / 0,95	0,93
Snow load [kg]	<b>960</b>		
max. Output [kWp,therm.]	<b>1.877</b>	<b>1.895</b>	
L x W x H [mm]	2,148 x 1,168 x 83 / 1,168 x 2,148 x 83		
Weight empty [kg]	36		
Volume [l]	1,7	1,4	
Collector body	Al - Frame		
Surface	Al - Nature		
Back sheet	Al - Sheet		
Absorber	<b>Harp</b>	<b>Meander</b>	
	Al-coated highly selective		
Absorption [%]	95		
Emission [%]	5		
Ø Manifold [mm]	CU22	CU18	
Ø Register pipe [mm]	CU8		
Connections	2 x flat sealed 1"	4 x push fit ¾"	4 x flat sealed 1"
Glass cover	3,2 mm hardened solar safety glas float		
Transmission [%]	91		
Insulation	40 mm mineral wool		
Max. stagnation temperature	203 °C		
Max. operating pressure	10 bar		
Proper heat transfer medium	Polypropylene glycol / water mixture		
Approved installation angle	min. 15 °, max. 75°		
Keymark	011-752231 F	011-751893 F	

### Advantages

- Top-Quality „Made in Austria“
- Over 80% efficiency
- Shortest installation time due to ALPIN FIX mounting system.
- 1,9 kWp thermal at 2,5m<sup>2</sup> area
- 1 t snow load
- 10 years warranty



Pic.: RKE 2500 N EASY

### Connection options

#### ALPIN

##### RKA2500 HORIZONTAL\*\*



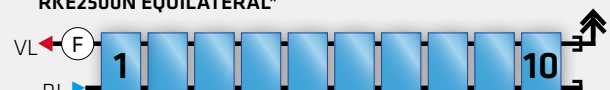
##### RKA2500 VERTICAL\*\*



\*\* max. 6 x horizontal resp. 4 x vertical (afterwards expansion bend)

#### ALPIN Easy

##### RKE2500N EQUILATERAL\*



##### RKE2500N DIAGONAL\*



\* max. 10 x horizontal resp. 8 x vertical