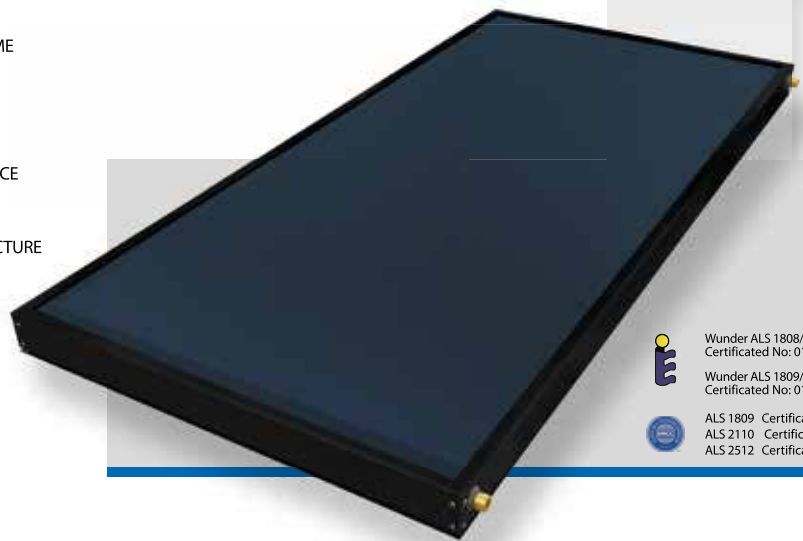
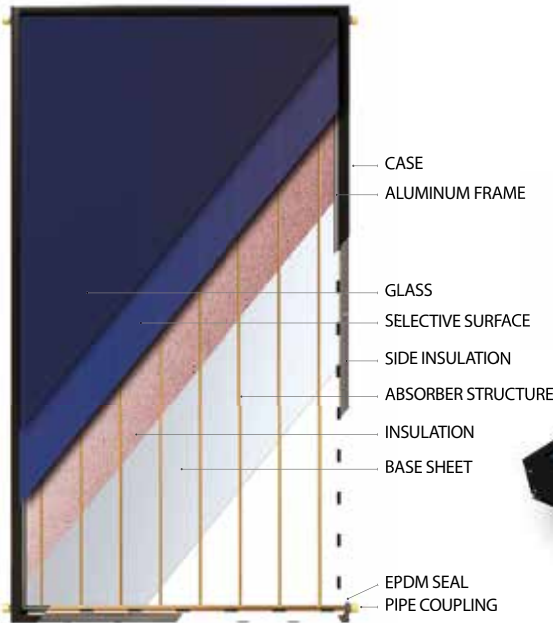




WUNDERALS

Solar Keymark certified  
Almeco-Tinox highly selective aluminum  
Rock wool insulation  
Copper pipe  
Low iron tempered glass  
Laser welding  
10 years warranty



 Wunder ALS 1808/2108/2510  
Certificated No: 011-752248 F  
Wunder ALS 1809/2110/2512  
Certificated No: 011-751941 F  
 ALS 1809 Certificated No: 10001863  
ALS 2110 Certificated No: 10001864  
ALS 2512 Certificated No: 10001865

TECHNICAL SPECIFICATIONS

		Wunder ALS 2510 / 2512	Wunder ALS 2108 / 2110	Wunder ALS 1808 / 1809
	<b>PRODUCT CODE</b>	<b>MA-0039 / MA- 0041</b>	<b>MA- 0032 / MA- 0034</b>	<b>MA- 0028 / MA- 0030</b>
TECHNICAL DATA	DIMENSIONS (mm)	1988x1218x90	1988x1041x90	1927x927x90
	CASING	ElectrostaticPaintedAluminumCase	ElectrostaticPaintedAluminumCase	ElectrostaticPaintedAluminumCase
	WEIGHT(kg)	44	37,2	34
	GROSS AREA (m <sup>2</sup> )	2,42	2,07	1,79
	APERTURE AREA (m <sup>2</sup> )	2,24	1,92	1,62
ABSORBER	ABSORBER AREA (m <sup>2</sup> )	2,23	1,89	1,59
	ABSORBER MATERIAL	Almeco-Tinox-highlySelectiveAluminum	Almeco-Tinox-HighlySelectiveAluminum	Almeco-Tinox-HighlySelectiveAluminum
	ABSORPTANCE / EMITTANCE	0,95 / 0,04	0,95 / 0,04	0,95 / 0,04
COPPER TUBES	WELDING METHOD	Laser Welding	Laser Welding	Laser Welding
	HEAT CARRIER VOLUME (lt)	1,27	1,07	1
	DIAMETEROFABSORBERTUBE/HEADER TUBE (mm)	8 / 18	8 / 18	8 / 18
GLASS	NUMBER OF TUBE	10 / 12	9 / 10	8 / 9
	GLASS MATERIAL	Low Iron Tempered Glass	Low Iron Tempered Glass	Low Iron Tempered Glass
INSULATION	THICKNESS OF GLASS (mm)	4	4	4
	INSULATION MATERIAL	Rock Wool	Rock Wool	Rock Wool
MAXIMUM RATING	DENSITYOFWOOL(kg/m <sup>3</sup> )/THICKNESS OF WOOL (mm)	50 / 40	50 / 40	50 / 40
	STAGNATION TEMPERATURE (°C)	194,5/203	194,5/203	194,5/203
	MAXIMUMOPERATIONPRESSURE(bar)	8,6	8,6	8,6
	NOMINAL FLOW RATE (lt/ h)	120	105	100
	BASE SHEETING	Embossed-FinishedAluminumSheet	Embossed-FinishedAluminumSheet	Embossed-FinishedAluminumSheet
	MOUNTING TYPE	Inroof- Onroof- Flat Roof	Inroof- Onroof- Flat Roof	Inroof- Onroof- Flat Roof