

# TECHNICAL DATA

Parameters		Sigma PLUS 15 2901304490	Sigma PLUS 20 2901304491	Sigma PLUS 25 2901304492
Gross area	m <sup>2</sup>	1.51	2.02	2.52
Absorber area	m <sup>2</sup>	1.35	1.83	2.33
Height	mm	1503	2005	2006
Width	mm	1007	1007	1257
Depth	mm	103	103	103
Weight	kg	25	33	49
Absorber volume capacity	l	1.3	1.6	1.9
Number of risers - vertical model	psc	9	9	11
Number of risers - horizontal model	psc	13	18	18
Frame material		Aluminum tray		
Frame thickness	mm	0.7		
Solar glass		Tempered, with low iron content, 3.2 mm		
Solar transmission	%	> 91.8		
Insulation	mm/kg/m <sup>3</sup>	Mineral Wool / 20/60		
Back support material		Aluminum tray		
Back side thickness	mm	0.7		
Absorber material		Copper tubes Ø 8, aluminum strips, laser welded		
Absorber cover		Selective PVD		
Absorption	%	95±5		
Emission	%	5±5		
Max. operating pressure	bar	10		
Heat transfer carrier		Water and glycol		
Stagnation temperature	°C	185		
Connections	mm	Ø 22		