

# TECHNICAL DATA

Parameters	code	T20US	T25US
		2901306497	2901306490
Gross area	m <sup>2</sup>	2.07	2.56
Absorber area	m <sup>2</sup>	1.88	2.36
Height	mm	2126	2130
Width	mm	973	1204
Depth	mm	85	85
Weight	kg	35	39
Optical efficiency	%	0.80	0.80
Loss coefficient: k <sub>1</sub> *	W/m <sup>2</sup> ·K	3.930	3.930
Loss coefficient: k <sub>2</sub> *	W/m <sup>2</sup> ·K <sup>2</sup>	0.026	0.026
Correction factor k <sub>(50)</sub> *		0.81	0.81
Effective thermal capacity *	J/K·m <sup>2</sup>	9.705	9.705
Emission (ε)	%	5.0	5.0
Absorption (α)	%	95.0	95.0
Absorber material		Amuminium fins	
Absorber cover		Selective - ALANOD	
Thickness of solar glass	mm	3.2	
Solar transmissivity		> 90%	
Frame material		Knotted aluminum mesh	
Isolation		Semi-rigid rock wool	
Back thickness	mm	40	
Back finish		Aluminum goffer	
Heat transfer carrier		Water and glycol	
Absorber capacity	l	1.02	1.27
Recommended flow rate per m <sub>2</sub>	l/h·m <sup>2</sup>	30-40	30-40
Max. operating pressure	bar	9.0	9.0
Test pressure	bar	13.0	13.0
Stagnation temperature	°C	134.66	134.66
Grid ratio (Ø 18/8)	n/n	2/8	2/10
External connections	mm	Rigid copper pipe of 18 mm	
Integrated probe shell		-	