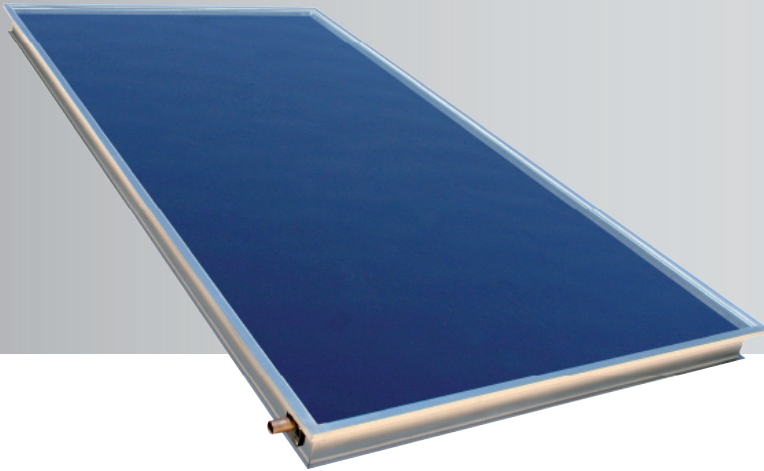
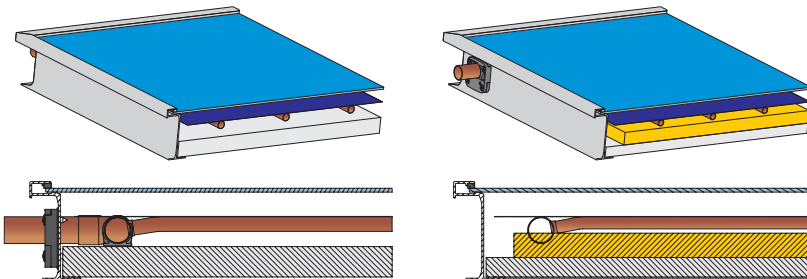


Preferred partner of the industry

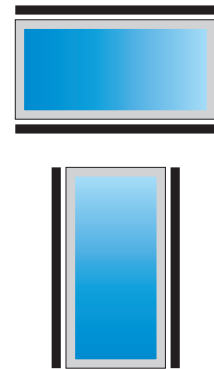
FP 1.20.0 Frame Collector Series



Collector cross section



FP 1.20.0 HE sc



Technical data	Collector types	
	FP 1.20.0 TS	FP 1.20.0 HE sc
Collector type	Al frame collector	
Overall area [m ²]	2,03	2,03
Absorber area [m ²]	1,81	1,81
Aperture area [m ²]	1,88	1,88
L x W x H [mm]	1945 x 1046 x 81	1945 x 1046 x 81
Weight [kg]	27	29
Absorber capacity [l]	2,09	1,84
Housing	Al-frame	
Surface	Al, natural	
Back plate	Al-sheet	
Absorber sheet (Al)	high selective vacuum coating (PVD)	
Absorption* [%]	94	
Emission* [%]	5	
Ø manifold [mm]	22 (¾")	
Ø raisers [mm]	12	10
Connections	blank (compression joint)	
Glass	3.2 mm tempered low iron glass	
Transmittance of glass [%]	89	
Insulation	25 mm PUR plate	16 mm PUR + 20 mm mineral wool
Max. stagnation temperature	approx. 200 °C under test conditions	
Max. operating pressure	10 bar	
Proper heat transfer medium	water	Polypropylene glycol/ water mixture
Standard packaging	single packed for max. load	

Product benefits

- Laser-welded full-surface absorber with a high selective coating
- 10 years warranty
- Multi stage quality assurance programme
- Optimal value for money due to intelligent product design
- Use of emission-free, recyclable materials only results in a long service life and environmentally friendly product
- Tempered low iron safety glass
- Maximum heat transfer between the full-surface absorber sheet and the copper grid due to state of the art laser welding technology
- Easy transport and installation due to a low total weight of only max. 29 kg and a height of 81 mm

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